

SECTION A: POPULATION AND VITAL STATISTICS

- TABLE A-1 shows the Canadian Eskimo and Registered Indian population in various years.
- TABLE A-2 gives an estimate of the combined Eskimo and Registered Indian population in Canada for each year from 1951 to 1961.
- TABLE A-3 shows the Provincial distribution of Eskimo and Registered Indians in Canada in December 1959.
- TABLE A-4 shows how the Provincial Eskimo and Registered Indian populations were distributed among the five Indian and Northern Health Services Regions in December 1959.
- TABLE A-5 gives birth and selected mortality statistics for Registered Indians, Eskimos and the whole of Canada in the calendar year 1958.
- TABLE A-6 lists twenty-one leading causes of Indian and non-Indian mortality from 1953 to 1958.
- TABLE A-7 deals with reported cases of cancer by site and sex among Registered Indians and Eskimos from 1957 to 1959.

TABLE A-1: CANADIAN ESKIMO AND REGISTERED INDIAN POPULATIONS, 1871-1959

Registered Indians		Eskimos	
Year	Population [*]	Year	Population [*]
1871	79,594		
1886	128,761		
1901	99,527	Prior to 1944	Not Known
1921	106,000	1944	7,700
1936	112,500	1949	8,550
1944	125,700	1951	8,646
1949	136,400	1956	8,989
1954	151,558	1959	10,770
1959	179,515		

Excluding Labrador.

TABLE A-2: ESTIMATED TOTAL CANADIAN ESKIMOS AND REGISTERED INDIANS, 1951-1961^{*}

Year	Estimated Population
1951	151,000
1952	154,000
1953	157,000
1954	161,000
1955	166,000
1956	172,000
1957	178,000
1958	185,000
1959	192,000
1960	199,000
1961	206,000

Including Labrador

Province	Registered Indians ⁽¹⁾	Eskimos ⁽²⁾	Totals
Newfoundland (Labrador)	300 ⁽³⁾	900 ⁽³⁾	1,200 ⁽³⁾
Prince Edward Island	341	-	341
Nova Scotia	3,561	-	3,561
New Brunswick	3,195	-	3,195
Quebec	20,529	2,511	23,040
Ontario	42,796	-	42,796
Manitoba	23,671	133	23,804
Saskatchewan	23,329	-	23,329
Alberta	19,281	-	19,281
British Columbia	36,314	-	36,314
Yukon Territory	1,877	25	1,902
Northwest Territories	4,621	8,101 ⁽⁴⁾	12,722
Totals	179,815	11,670	191,485

- (1) Source: Indian Affairs Branch, Department of Citizenship and Immigration, (except as stated in footnote 3).
 (2) Source: Vital Statistics Unit, Territorial Division, Northern Affairs, (except as stated in footnote 3).
 (3) Estimated by Indian and Northern Health Services.
 (4) Eastern, Central and Western Arctic: 3,402, 1,689, and 3,010.

TABLE A-4: CANADIAN ESKIMOS, REGISTERED INDIANS, AND OTHERS, BY REGIONS⁽¹⁾
 December 1959

I.N.H.S. Region	Registered Indians	Registered Eskimos	Others ⁽²⁾			Totals
			N.W.T.	Y.T.	Totals	
Eastern	60,000	6,800	900	-	900	67,700
Central	35,000	1,800	200	-	200	37,000
Saskatchewan	23,000	-	-	-	-	23,000
Foothills	26,000	3,000	7,400	11,500	18,900	47,900
Pacific	36,000	-	-	-	-	36,000
Totals	180,000	11,600	8,500	11,500	20,000	211,600

- (1) Regional distribution estimated. Registered Indian and Registered Eskimo population estimates for Labrador included in Eastern Regional and Totals figures.
 (2) Estimated by Indian and Northern Health Services.

TABLE A-5: BIRTH AND SELECTED MORTALITY STATISTICS

Calendar Year 1958

	Deaths											
	Live Births	Neonatal (Under 28 Days)		Infant (Under One Year)		Maternal		From T.B.		Totals		
		Number	Rate Per 1,000 Est. Pop.	Number	Rate Per 1,000 Live Births	Number	Rate Per 1,000 Live Births	Number	Rate Per 1,000 Live Births	Number	Rate Per 100,000 Est. Pop.	Number
All Canada (1)	470,118	27.6	9,055	19	14,178	30	263	0.6	1,027	6.0	135,201	7.9
Registered Indians (1)(2)	7,663	44.0	187	24	659	86	18	2.3	59	33.9	1,617	9.3
Eskimos (2)(3)	557	53.4	53	96	131	235	5	9.0	6	57.5	264	25.3

(1) Source: Vital Statistics Section, Health and Welfare Canada

(1) Source: Vital Statistics Section, Health and Welfare Division, D.B.S.

(2) Registered Indian and Eskimo figures for Newfoundland included only in "All Canada" figures.

(3) Source: Department of Northern Affairs and National Resources.

TABLE A-6: TWENTY-ONE LEADING CAUSES OF INDIAN⁽¹⁾ AND NON-INDIAN MORTALITY
Calendar Years 1953-1958

CAUSE OF DEATH (I.S.C. - Intermediate List)	R A N K (2)										NUMBER OF DEATHS (3)									
	INDIANS (4)					NON-INDIANS					INDIANS (4)					NON-INDIANS				
	53	54	55	56	57	58	53	54	55	56	57	58	53	54	55	56	57	58		
A 1-A5	6	8	6	7	8	9	13	14	14	14	14	14	123	66	80	65	69	59		
A 17-A18; A 21-A23; A 28; A 32 ..	10	12	11	9	10	12	16	17	17	18	18	19	36	25	32	54	40	29		
A 44-A 60	8	7	8	6	7	6	2	2	2	2	2	2	61	77	72	91	76	95		
A 63	16	18	18	19	16	18	14	13	12	12	12	12	9	7	6	6	14	8		
A 64-A65	15	17	17	19	18	17	18	18	18	17	17	17	11	8	8	6	8	10		
A 70	9	9	9	10	9	7	3	3	3	3	3	3	56	45	63	53	59	70		
A 71	16	14	17	16	17	16	20	20	20	20	20	20	9	14	8	10	9	11		
A 79	16	19	19	20	19	19	21	21	21	21	21	21	9	5	3	4	1	4		
A 80-A81	5	5	3	4	4	4	1	1	1	1	1	1	138	134	160	138	147	137		
A 83-A84	13	14	14	14	14	15	7	6	7	7	7	7	26	14	16	12	21	15		
A 85	15	14	17	15	16	15	10	10	10	10	10	10	11	14	8	11	14	13		
A 87-A92	1	1	1	1	1	1	6	7	6	6	6	6	315	241	347	302	367	327		
A 98-A107 (Except A104)	12	10	12	11	11	11	9	8	8	8	8	8	27	34	31	31	39	39		
A 104; A16	7	6	7	8	6	5	15	15	15	15	15	15	102	86	73	64	82	112		
A 108-A114	14	13	13	13	13	12	8	9	9	9	9	9	24	17	24	21	24	29		
A 115-A120	16	15	16	18	18	13	19	19	19	19	19	18	9	12	9	8	8	18		
A 121-A126	17	16	15	17	15	14	17	16	16	16	16	16	3	9	13	9	18	14		
A 127-A129	11	11	10	12	12	10	11	11	11	11	11	11	29	27	37	29	37	41		
A 130-A135	4	4	5	3	3	3	5	5	5	5	5	5	153	155	149	180	181	182		
A 136-A137	2	2	4	5	5	8	12	12	13	13	13	13	178	168	150	134	104	66		
A 138-A150	3	3	2	2	2	4	4	4	4	4	4	4	159	165	183	201	248	235		
ALL OTHER CAUSES													100	86	106	99	111	105		
TOTAL DEATHS													1,588	1,409	1,578	1,528	1,677	1,617		
													9,484	8,760	7,410	7,766	7,948	7,594		
													124,520	126,576	130,433	134,902	133,584			

- (1) - Registered Indians - (but see (4) below).
 (2) - "Rank" refers to the order of magnitude of these 21 selected causes only.
 (3) - Source: Vital Statistics Section, Health and Welfare Division, Dominion Bureau of Statistics.
 (4) - Excluding Newfoundland for all years; excluding Nova Scotia prior to 1958; excluding Y.T. and N.W.T. for 1953 and 1954. (See (1), above).
 * - Where an equal number of deaths occurred from two or more causes, these causes were given the same rank in that year.

SECTION B: I.N.H.S. FACILITIES AND PERSONNEL

- TABLE B-1 shows how many of the several types of Indian and Northern Health Services facilities were located in each Region on December 31, 1959. The rated capacity is given for hospitals and nursing stations.
- TABLE B-2 lists each I.N.H.S. nursing station with its location, rated capacity and total staff, December 31, 1959. The nursing stations are arranged alphabetically by Regions.
- TABLE B-3 gives the location, rated capacity and total personnel of each I.N.H.S. hospital, December 31, 1959.
- TABLE B-4 provides statistics of personnel occupying I.N.H.S. positions, December 31, 1959.
- TABLE B-5 indicates the number of Indians and Eskimos occupying I.N.H.S. positions, December 31, 1959.
- TABLE B-6 is an alphabetic list of I.N.H.S. Health Centres by Regions, December 31, 1959.
- TABLE B-7 shows I.N.H.S. Clinics by Regions, December 31, 1959.
- TABLE B-8 lists all I.N.H.S. facilities by Region, Zone, and Province, May 16, 1960.

TABLE B-1: I.N.H.S. FACILITIES BY REGIONS, DECEMBER 31, 1959

I.N.H.S. Region	Province	Facilities						
		Hospitals			Clinics	Nurs. St'ns		Health Centres
		No.	Rated Cap.			No.	Rated Bed Cap.	
			Beds	Bass.				
Eastern	N.S.	-	-	-	1	-	-	2
	P.E.I.	-	-	-	-	-	-	1
	N.B.	-	-	-	-	-	-	3
	Que.	-	-	-	1	5	20	17
	Ont.	3	213	17	5	-	-	11
	N.W.T.	1	13	5	2	2	8	-
	Totals	4	226	22	9	7	28	34
Central	Ont.	1	72	2	1	4	16	5
	Man.	5	452	20	4	9	36	6
	N.W.T.	-	-	-	-	1	4	-
	Totals	6	524	22	5	14	56	11
Sask.	Sask.	2	154	13	3	2	8	9
Foothills	Alta.	6	604	25	2	3	12	7
	Yukon	1	102	15	1	-	-	4
	N.W.T.	-	-	-	4	7	31	2
	Totals	7	706	40	7	10	43	13
Pacific	B.C.	3	562	-	6	-	-	12
Grand Totals:		22	2,172	97	30	33	135	79

TABLE B-2: LOCATION, CAPACITY AND STAFF OF I.N.H.S. NURSING STATIONS

In Operation December 31, 1959

I.N.H.S. Region	Nursing Station	Location	Rated Bed Capacity
Eastern	Bersimis	Bersimis, Que.	4
	Cape Dorset	Cape Dorset, N.W.T.	4
	Fort Chimo	Fort Chimo, Que.	4
	Fort George	Fort George, Que.	4
	Fox	Fox, N.W.T.	4
	Port Harrison	Port Harrison, Que.	4
	Rupert's House	Rupert's House, Que.	4
Totals:			28
Central	Baker Lake	Baker Lake, N.W.T.	4
	Cross Lake	Cross Lake, Man.	4
	Garden Hill	Island Lake, Man.	4
	God's Lake Narrows	God's Lake, Man.	4
	Lansdowne House	Lansdowne House, Ont.	4
	Little Grand Rapids	Little Grand Rapids, Man.	4
	Little Saskatchewan	Gypsumville, Man.	4
	Nelson House	Nelson House, Man.	4
	Oxford House	Oxford House, Man.	4
	Pikangikum	Pikangikum, Ont.	4
	St. Theresa Point	Island Lake, Man.	4
	Sandy Lake	Sandy Lake, Ont.	4
	Split Lake	Split Lake, Man.	4
	Trout Lake	Big Trout Lake, Ont.	4
Totals:			56
Sask.	Lac la Ronge	Lac la Ronge, Sask.	4
	Pelican Narrows	Pelican Narrows, Sask.	4
Totals:			8
Foothills	Cambridge Bay	Cambridge Bay, N.W.T.	7
	Coppermine	Coppermine, N.W.T.	4
	Fort Good Hope	Fort Good Hope, N.W.T.	4
	Fort McPherson	Fort McPherson, N.W.T.	4
	Fort Norman	Fort Norman, N.W.T.	4
	Goodfish Lake	Speddon P.O., Alta.	4
	Hay Lake	Habay, Alta.	4
	Inuvik	Inuvik, N.W.T.	4
	Saddle Lake	St. Bride's P.O., Alta.	4
	Tuktoyaktuk	Tuktoyaktuk, N.W.T.	4
Totals:			43
Grand Totals			135

TABLE B-3: LOCATION, CAPACITY AND STAFF OF I.N.H.S. HOSPITALS

December 31, 1959

Region	Hospital	Location	Rated Capacity				Total Staff
			Beds			Bass.	
			Gen.	T.B.	Tot.		
East.	Frobisher Bay	Frobisher, N.W.T.	13	-	13	5	17
	Lady Willingdon	Ohsweken, Ont.	36	-	36	5	58
	Manitowaning	Manitowaning, Ont.	9	-	9	2	15
	Moose Factory	Moose Factory, Ont.	71	97	168	10	185
	Totals		129	97	226	22	275
Cent.	★ Assiniboine	Brandon, Man.	60	167	227	4	
	★ Clearwater Lake	The Pas, Man.	59	96	155	2	
	Fisher River	Hodgson, Man.	15	-	15	2	36
	Fort Alexander	Pine Falls, Man.	16	-	16	5	25
	Norway House	Norway House, Man.	39	-	39	7	84
	Sioux Lookout	Sioux Lookout, Ont.	72	-	72	2	107
	Totals		261	263	524	22	252
Sask.	Ft. Qu'Appelle	Ft. Qu'Appelle, Sask.	52	52	104	8	116
	N. Battleford	N. Battleford, Sask.	50	-	50	5	67
	Totals		102	52	154	13	183
Foot.	Blackfoot	Gleichen, Alta.	27	-	27	3	33
	Blood	Cardston, Alta.	39	-	39	6	43
	Charles Camsell	Edmonton, Alta.	170	340	510	7	425
	Hobbema	Hobbema, Alta.	16	-	16	6	26
	Peigan	Brockton, Alta.	5	-	5	2	7
	Stony	Morley, Alta.	7	-	7	1	7
	Whitehorse	Whitehorse, Y.T.	102	-	102	15	72
	Totals		366	340	706	40	613
Pac.	Coqualeetza	Sardis, B.C.	47	140	187	-	167
	Miller Bay	Prince Rupert, B.C.	40	135	175	-	150
	Nanaimo	Nanaimo, B.C.	70	130	200	-	205
	Totals		157	405	562	-	522
Grand Totals			1015	1157	2172	97	1845

★ Operated for Indian and Northern Health Services by the Sanatorium Board of Manitoba.

TABLE B-4: I.N.H.S. POSITIONS, DECEMBER 31, 1959

Region	Medical Officers			Graduate Nurses			Dent. Surg.	Part Time Phys.	All Others	Totals
	Adm.	Hosp.	Field	P.H. Adm.	Hosp.	Field				
East.	4	10	5	5	55	56	6	16	255	411
Cent.	2	8	4	3	46	44	3	7	216	333
Sask.	1	7	2	2	39	17	3	1	160	232
Foot.	3	17	7	3	163	33	5	1	432	662
Pac.	2	15	5	3	92	22	3	12	415	568
H.Q.	6	-	-	2	-	-	-	-	38	46
Totals	18	57	23	18	395	172	20	37	1,512	2,252

TABLE B-5: INDIANS* AND ESKIMOS OCCUPYING I.N.H.S. POSITIONS

Indians*			Eskimos		
Dec. 31, 1957	Dec. 31, 1958	Dec. 31, 1959	Dec. 31, 1957	Dec. 31, 1958	Dec. 31, 1959
232	240	320	9	10	10

* The figures in this table do not distinguish between Registered and Ethnic Indians.

TABLE B-6: I.N.H.S. HEALTH CENTRES
December 31, 1959

Region	Health Centre	Region	Health Centre	Region	Health Centre	
Eastern	Amos, Que. Big Cove, N.B. Chapleau, Ont. Chatham, N.B. Chippewa Hill, Ont. Christian Island, Ont. Eskasoni, N.S. Fort Albany, Ont. Great Whale River, Que. Kettle Point, Ont. Kingsclear, N.B. Lennox Island, P.E.I. Maniwaki, Que. Manowan, Que. Mingan, Que. (Seasonal) Mistassini, Que. (Seasonal) Obedjiwan, Que. (Seasonal) Oka, Que. Orillia, Ont. Parry Sound, Ont. Peterborough, Ont. Pointe Bleue, Que. Rapid Lake, Que. (Seasonal) Restigouche, Que. Romaine, Que. (Seasonal) St. Regis, Que. Sault Ste. Marie, Ont. Schefferville, Que. Seven Islands, Que. Shubenacadie, N.S. Sturgeon Falls, Ont. Temiskaming, Que. Walpole Island, Ont. Waswanipi, Que. (Seasonal)					
		Central	Berens River, Man. Brandon, Man. Churchill, Man. Dauphin, Man. Fort Frances, Ont. Kenora, Ont. Nakina, Ont. Pickle Lake, Ont. Portage la Prairie, Man. Port Arthur, Ont. Sandy Bay, Man.		Pacific	Aiyansh, B.C. Alert Bay, B.C. Bella Bella, B.C. Duncan, B.C. Hazelton, B.C. Kamloops, B.C. Lillooet, B.C. Massett, B.C. Pemberton, B.C. Port Simpson, B.C. Tofino, B.C. Vanderhoof, B.C.
		Saskatchewan	Broadview, Sask. Fort a la Corne, Sask. Kamsack, Sask. Meadow Lake, Sask. Onion Lake, Sask. Punnichy, Sask. Rose Valley, Sask. Shellbrook, Sask. White Bear, Sask.			
		Foothills	Bonnyville, Alta. Calgary, Alta. Dawson, Y.T. Fort Chipewyan, Alta. Fort Resolution, N.W.T. Fort Vermilion, Alta. Haines Junction, Y.T. High Prairie, Alta. Mayo, Y.T. Rocky Mountain House, Alta. Wabasca, Alta. Watson Lake, Y.T. Yellowknife, N.W.T.			

TABLE B-7: I.N.H.S. CLINICS, December 31, 1959

I.N.H.S. Region	Clinic
Eastern	Caughnawaga, Que. Deseronto, Ont. Frobisher Bay, N.W.T. James Bay, Ont. Manitowaning, Ont. Muncey, Ont. Ohsweken, Ont. Pangnirtung, N.W.T. Sydney, N.S.
Central	Fisher River, Man. Norway House, Man. Pine Falls, Man. Sioux Lookout, Ont. The Pas, Man.
Saskatchewan	Fort Qu'Appelle, Sask. North Battleford, Sask. Prince Albert, Sask.
Foothills	Aklavik, N.W.T. Edmonton, Alta. Fort Simpson, N.W.T. Fort Smith, N.W.T. Hobbema, Alta. Rae, N.W.T. Whitehorse, Y.T.
Pacific	Alexis Creek, B.C. Miller Bay, B.C. Nanaimo, B.C. Sardis, B.C. Vancouver, B.C. William's Lake, B.C.

TABLE 1: INHS FACILITIES BY REGION, ZONE, AND PROVINCE

ADMINISTRATIVE AREAS			I. N. H. S. FACILITIES			
REGION & REGIONAL OFFICE	ZONE & ZONE OFFICE	PROVINCE	HOSPITAL	CLINIC	NURSING STATION	HEALTH CENTRE
EASTERN (Ottawa)	ATLANTIC (Amherst)	Nova Scotia		Sydney	Essexton	Shubenacadie
		Prince Edward Island				Lennox Island
		New Brunswick				Big Cove Chatham Kingstons
	QUEBEC (Quebec City)	Quebec (Northeast)		Caughnawaga	Bersimis Fort Chimo	Mingan Oua Pointe Bleue Restigouche Romaine Schefferville Seven Islands
	MOOSE FACTORY (Moose Factory)	Quebec (Northwest)			Fort George Fort Harrison Povungnituk Rupert House	Great Whale River
		Ontario (Northeast)	Moose Factory	James Bay		Fort Albany
	OTTAWA (Ottawa)	Quebec (West)				Amos Maniwani Manawan Mistassini Obadjiwan Rapid Lake St. Regis Waswanipi
		Ontario (East)		Deseronto		
	SOUTHERN ONTARIO (Oshawa)	Ontario (South)	Lady Willingdon	Muncy Oshawa		Chippawa Hill Christian Island Kettle Point Orillia Peterborough Walpole Island
	NORTHERN ONTARIO (North Bay)	Ontario (North)	Manitowaning	Manitowaning		Chapleau Perry Sound Swift St. Marie Sturgeon Falls Temiskaming
CENTRAL (Winnipeg)	SIOUX LOOKOUT (Sioux Lookout)	Northwest Territories (Franklin District)	Frobisher Bay	Frobisher Bay Pangnirtung	Cape Dorset Foxe	
		Ontario (Northwest)	Sioux Lookout	Sioux Lookout	Lansdowne House Pikangikum Sandy Lake Trout Lake	Fort Frances Kenora Nakina Pic Lake Port Arthur
	SOUTHERN MANITOBA (Winnipeg)	Manitoba (South)	Assiniboine Fisher River Fort Alexander	Fisher River Pine Falls	Little Grand Rapids Little Saskatchewan	Berens River Brandon Dauphin Portage la Prairie Sandy Bay
	NORWAY HOUSE (Norway House)	Manitoba (East)	Norway House	Norway House	Cross Lake Garden Hill God's Lake Narrows Oxford House St. Theresa Point	
	THE PAS (The Pas)	Manitoba (North)	Clearwater Lake	The Pas	Lynn Lake Nelson House Punkatawagan Split Lake	Churchill
	CENTRAL NORTHERN (Winnipeg)	Northwest Territories (Kuviat District)			Bauer Lake	
SASKATCHEWAN (Regina)	FORT QU'APPELLE (Fort Qu'Appelle)	Saskatchewan (South)	Fort Qu'Appelle	Fort Qu'Appelle		Broadview Kamsack Punnichy Rose Valley White Bear
	NORTH BATTLEFORD (North Battleford)	Saskatchewan (West)	North Battleford	North Battleford		Meadow Lake Onion Lake Fort a la Corne La Ronge Shellbrook
	PRINCE ALBERT (Prince Albert)	Saskatchewan (East)		Prince Albert	Pelican Narrows	
FOOTHILLS (Edmonton)	CHARLES CAMSELL (Edmonton)	Alberta (Edmonton Agency)	Charles Camsell	Edmonton		
	ALBERTA (Edmonton)	Alberta (except Edmonton Indian Agency)	Blackfoot Blood Hobbema Pegau Stony	Hobbema	Good fish Lake Hay Lake Saddle Lake	Bonnyville Calgary Driftville Fort Chipewyan Fort Vermilion High Prairie Roray Mountain House Wabasca
	MACKENZIE (Edmonton)	Northwest Territories (Mackenzie District)		Aklavik Fort Simpson Fort Smith Rae	Cambridge Bay Coppermine Fort Good Hope Fort Liard Fort McPherson Fort Norman Inuvik Tuktoyaktuk	Fort Resolution Yellowknife
	YUKON (Whitehorse)	Yukon	Whitehorse	Whitehorse		Dawson Haines Junction Mayo Watson Lake
PACIFIC (Vancouver)	COQUALEETZA (Sardis)	British Columbia (South)	Coqualeetza	Alexis Creek Sardis Vancouver Williams Lake		Kamloops Lillooet Pemberton
	NANAIMO (Nanaimo)	British Columbia (West)	Nanaimo	Nanaimo		Alert Bay Bella Bella Duncan Tofino
	MILLER BAY (Miller Bay)	British Columbia (North)	Miller Bay	Miller Bay		Aiyansh Hazelton Masset Port Simpson Vanderhoof

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Statistics Section,
Indian and Northern Health Services
Department of National Health and Welfare.

SECTION C: IN-PATIENT MOVEMENT

The data for this Section have been distributed separately.

SECTION D: HEALTHY NEWBORNS, AND MISCELLANEOUS CONDITIONS

The data for this Section have been distributed separately.

SECTION E: SPECIAL TUBERCULOSIS STATISTICS

TABLE E-1 gives the annual Tuberculosis death rates per 100,000 for Registered Indians, Others, and All Canada, from 1954 to 1958.

TABLE E-2 shows the annual Registered Indian Tuberculosis death rates per 100,000 by Province from 1954 to 1958.

TABLE E-3 provides some details of the magnitude and the results of the Tuberculosis case-finding program carried out by Indian and Northern Health Services in 1959.

TABLE E-1: TUBERCULOSIS DEATH RATES PER 100,000 POPULATION⁽¹⁾
Calendar Years 1954-1958

Population	1954	1955	1956	1957	1958
ALL CANADA	10.3	8.9	7.8	7.1	6.0
Registered Indians ⁽²⁾	60.2	53.1	39.6	42.0	33.9
All Others	9.8	8.4	7.5	6.8	5.7

(1) Source: Vital Statistics Section, Health and Welfare Division, D.B.S.

(2) Yukon and N.W.T. excluded prior to 1957; Newfoundland excluded in all years; prior to 1958, Nova Scotia rates based on persons of Indian Origin.

TABLE E-2: REGISTERED⁽¹⁾ INDIAN T.B. DEATH RATES PER 100,000, BY PROVINCE⁽²⁾
Calendar Years 1954-1958

Province	1954	1955	1956	1957	1958
Newfoundland	(3)	(3)	(3)	(3)	(3)
Prince Edward Is.	-	-	-	-	-
Nova Scotia (1)	33.3	64.6	-	30.2	-
New Brunswick	-	150.7	-	-	32.4
Quebec.	73.6	11.2	5.5	53.7	54.7
Ontario	51.0	49.6	15.4	12.4	23.9
Manitoba	71.1	68.8	104.3	91.2	30.6
Saskatchewan	63.9	51.3	39.5	23.6	35.7
Alberta	44.4	48.8	23.5	33.7	26.8
British Columbia	70.8	65.4	57.3	46.7	28.3
Yukon	(3)	(3)	(3)	56.7	-
Northwest Territories	(3)	(3)	(3)	138.3	157.7
TOTALS	60.2	53.1	39.6	42.0	33.9

(1) Prior to 1958, Nova Scotia rates based on Indian Origin.

(2) Source: Vital Statistics Section, Health and Welfare Division, D.B.S.

(3) Not Available.

TABLE E-3: ANTI-TUBERCULOSIS ACTIVITIES
Calendar Year 1959

REGION	CATEGORY OF PERSONS	POPULATION (1)	NUMBER OF X-RAYS TAKEN			NUMBER OF ACTIVE CASES DISCOVERED						NUMBER OF CASES DISCOVERED BY SURVEYS, HOSPITALIZED BEFORE JANUARY 1, 1960	NUMBER OF B.C.G. VACCINATIONS (2)
			ON FIELD SURVEYS	ON SCHOOL SURVEYS	ON ALL SURVEYS	BY FIELD AND SCHOOL SURVEYS	BY OTHER MEANS	GRAND TOTALS					
							</						

(1) - Estimated distribution by Regions. Estimates for Labrador have been included under Eastern Region and in totals for Indians and Eskimos.

SECTION F: IMMUNIZATIONS

TABLE F-1 shows the number of B.C.G. vaccinations, by Indian and Northern Health Services Regions, to the end of 1959.

TABLE F-2 gives the number of anti-polio myelitis inoculations, by Indian and Northern Health Services Regions, for 1955 (where known) to 1959.

TABLE F-1: B.C.G. VACCINATIONS TO REGISTERED INDIANS AND ESKIMOS.

Period	E.R.	C.R.	S.R.	F.R.	P.R.	Totals
Prior to 1955	6,031 ⁽¹⁾	7,738 ⁽²⁾	229 ⁽³⁾	1,632 ⁽⁴⁾	6,960 ⁽⁵⁾	22,590
1955	1,130	857	251	1,808	1,067	5,113
1956	2,638	1,117	1,959	1,260	1,534	8,508
1957	1,730	2,404	787	3,673	1,859	10,453
1958	2,170	1,496	883	3,031	1,757	9,337
1959 ⁽⁶⁾	1,659	930	682	1,940	1,344	6,555
Totals	15,358	14,542	4,791	13,344	14,521	62,556

(1) 1947-1954 (Figure approximate)

(2) 1948-1954

(3) 1953-1954

(4) 1946-1954 (Figure Approximate)

(5) 1947-1954

(6) Source: Nurses' Monthly Reports.

TABLE F-2: ANTI-POLIOMYELITIS INOCULATIONS TO REGISTERED INDIANS AND ESKIMOS.

Year	E.R.	C.R.	S.R.	F.R.	P.R.	Totals
1955	★	1,400	★	★	2,524	★
1956	11,675	9,919	6,001	4,137	6,780	38,512
1957	19,308	15,651	9,545	14,195	12,731	71,430
1958	17,101	21,794	12,992	15,557	9,498	76,942
1959★	18,422	17,947	7,157	8,571	11,813	63,910
Totals	★	66,711	★	★	43,346	★

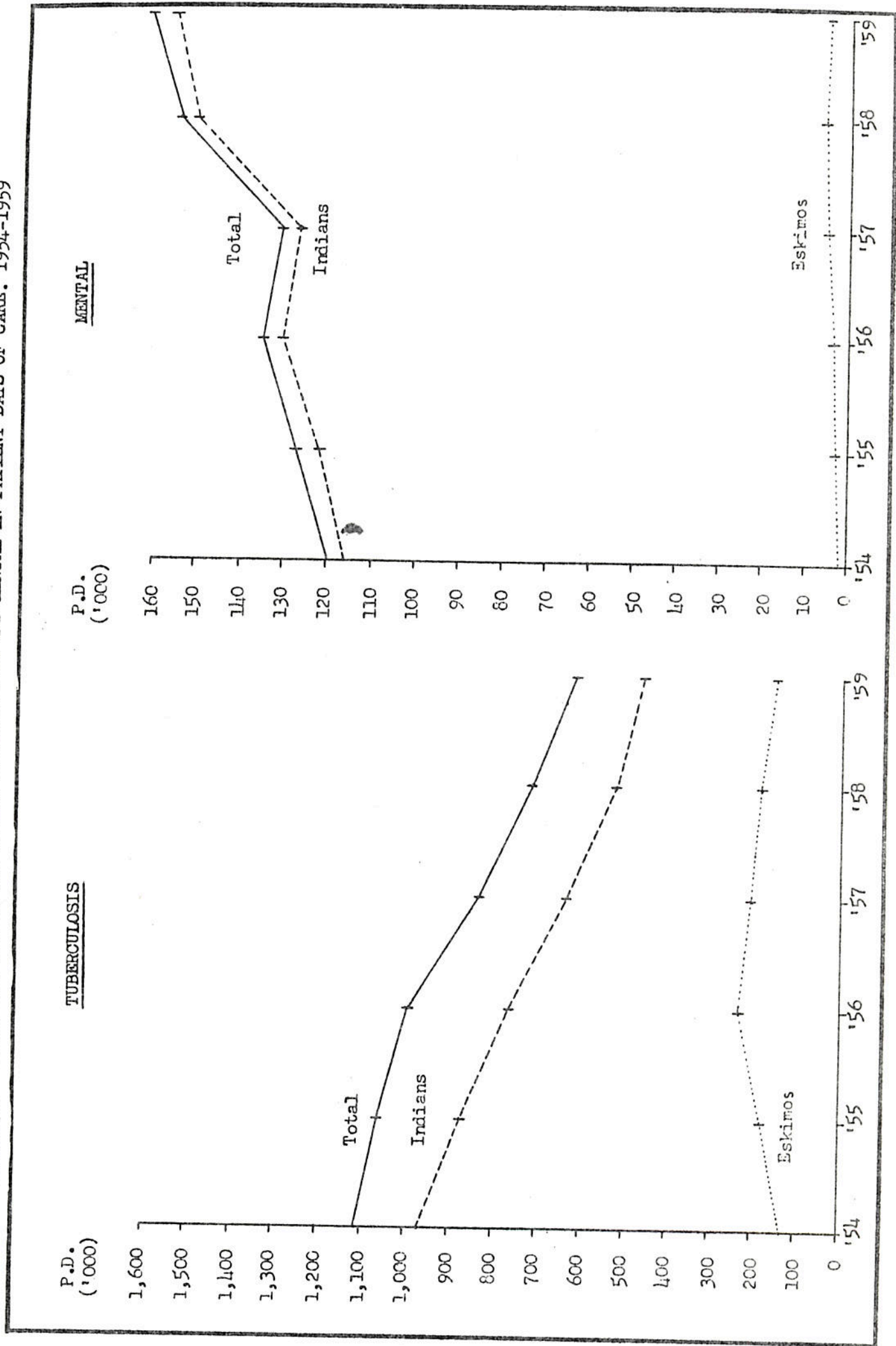
★ Unknown

★ Source: Nurses' Monthly Reports.

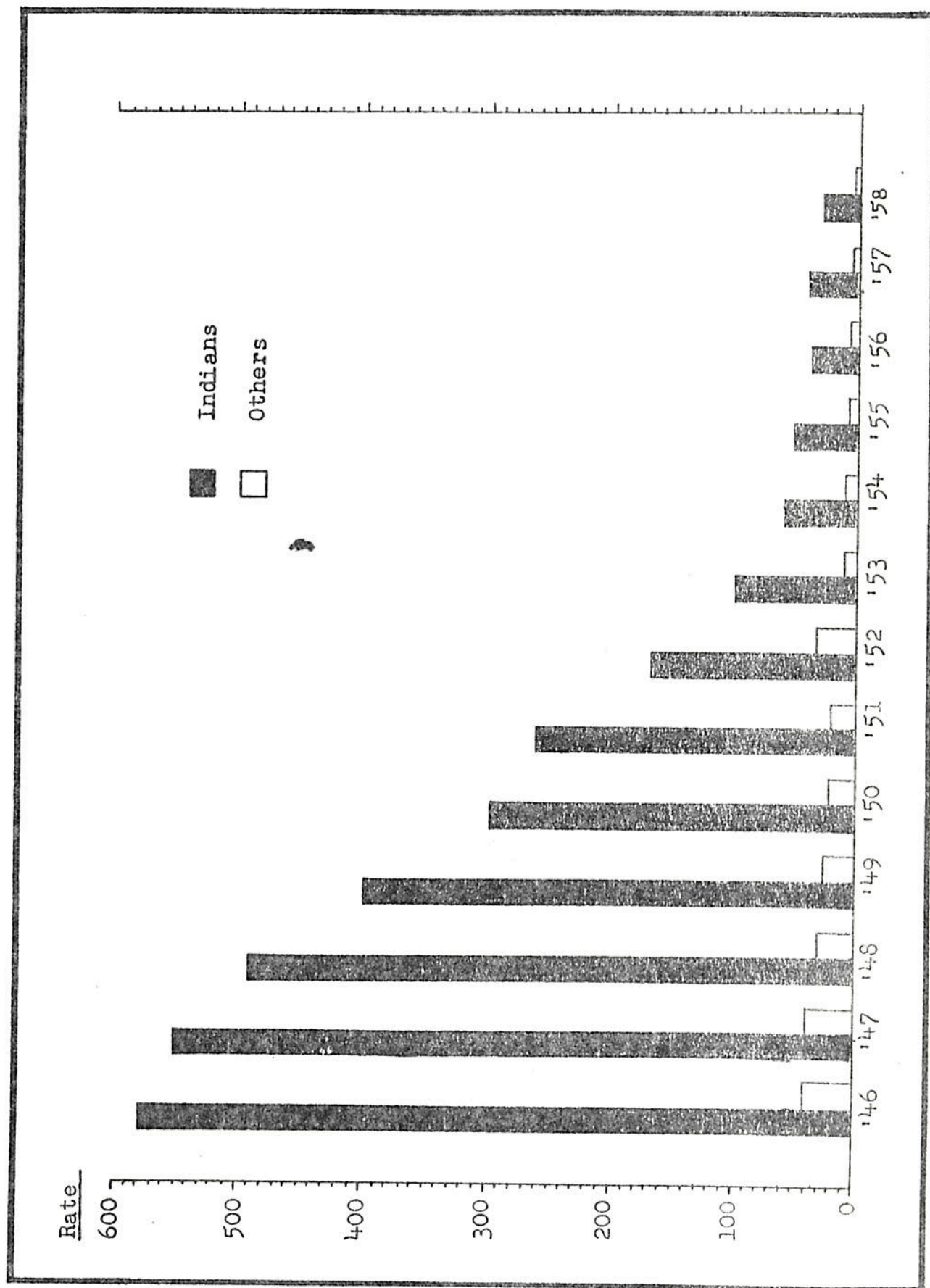
SECTION G: GRAPHS

- GRAPH 1: shows the Eskimo, Registered Indian and total patient days for Tuberculosis and Mental conditions from 1954 to 1959.
- GRAPH 2: compares, for Indians and Others, the death rates per 100,000 population from Tuberculosis for the years 1946 to 1958.
- GRAPH 3: presents the data in Graph 2 in another fashion. Taking the Tuberculosis death rate in each population in 1946 to be 100, it shows to what percentage of the 1946 figure the death rate in each successive year corresponds.
- GRAPH 4: shows the eight leading causes of Indian mortality from 1951 to 1958.

GRAPH 1: REGISTERED INDIAN AND ESKIMO TUBERCULOSIS AND MENTAL IN-PATIENT DAYS OF CARE, 1954-1959

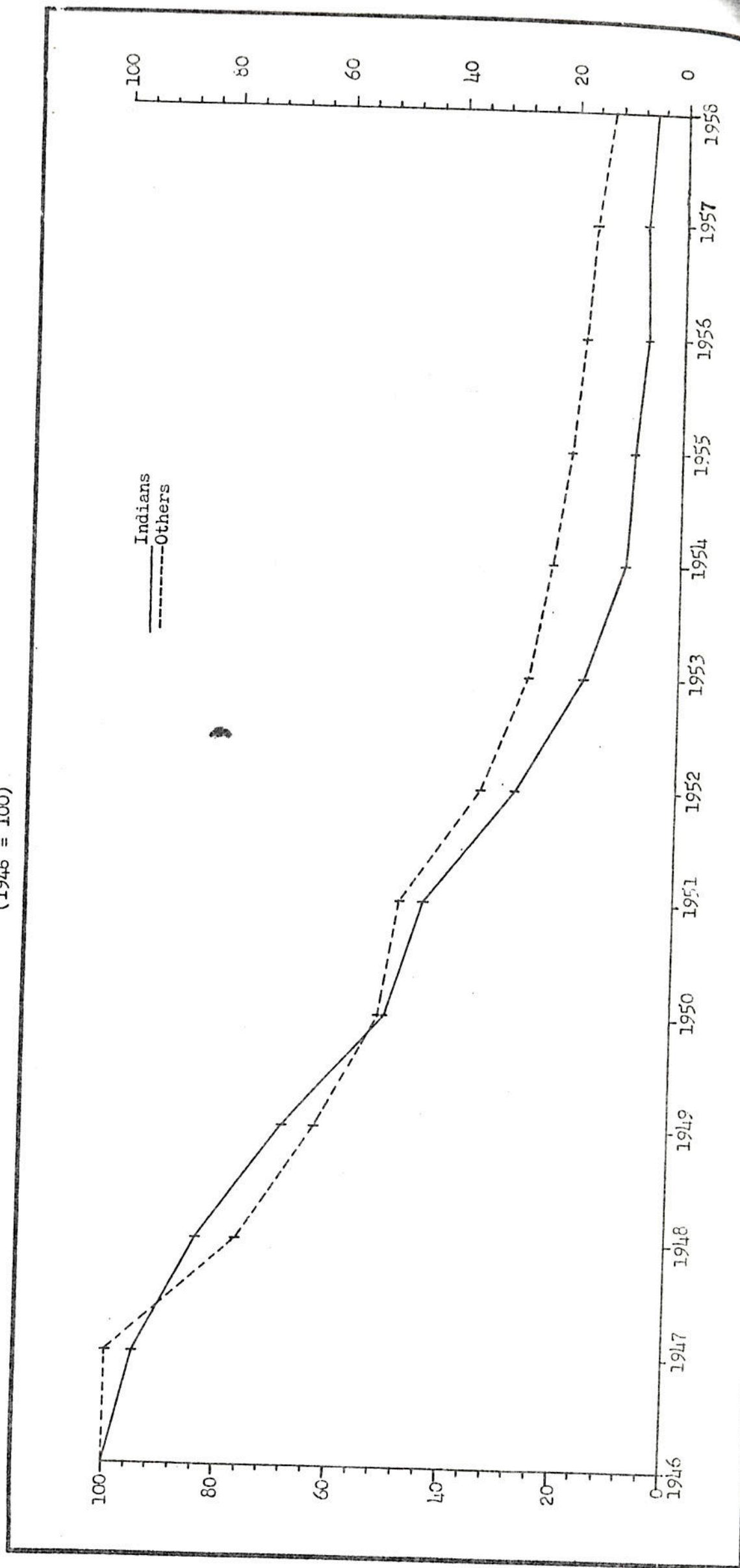


GRAPH 2: TUBERCULOSIS DEATH RATES PER 100,000 POPULATION, 1946-1958

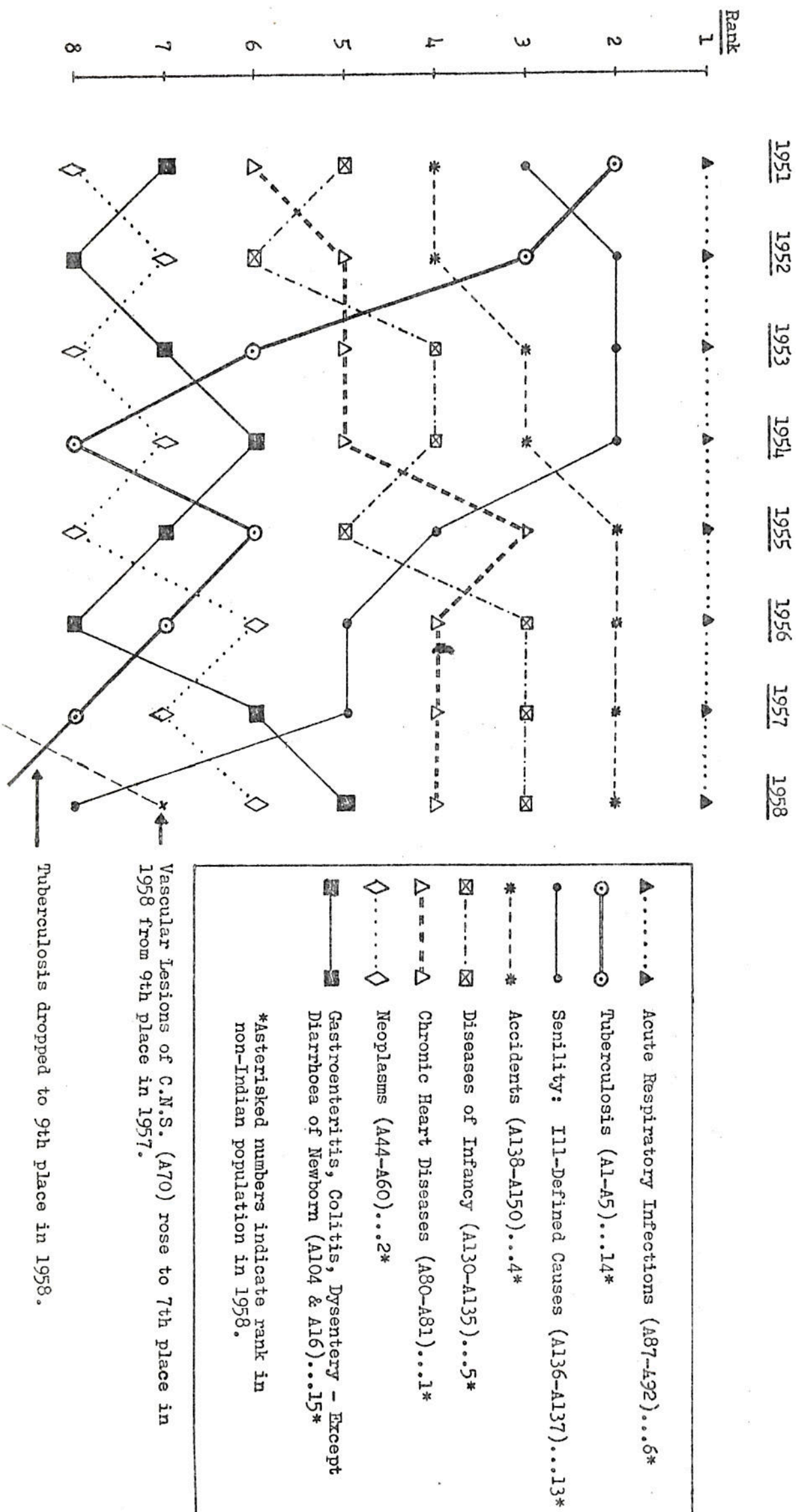


GRAPH 3: INDEX OF TUBERCULOSIS DEATH RATES

(1946 = 100)



GRAPH 4: SELECTED CAUSES OF INDIAN MORTALITY BY RANK, 1951-1958



SECTION H: FINANCIAL STATISTICS

TABLE H-1 gives a breakdown of appropriations by Votes and by Primaries for the Fiscal Year 1959-60.

TABLE H-2 compares Appropriations and Expenditures for the Fiscal Years 1956-57 to 1960-61.

TABLE H-1: APPROPRIATIONS BY PRIMARIES

Fiscal Year 1959-60

VOTE	PRIMARY	AMOUNT
OPERATION AND MAINTENANCE	Total Salaries and Wages..... (1)	7,640,140
	Allowances..... (2)	502,712
	Hospital, Doctors' and Other Professional and Special Services.... (4)	7,830,000
	Travelling Expenses - Staff..... (5)	400,000
	Freight, Express and Cartage..... (6)	85,000
	Postage..... (7)	14,500
	Telephones and Telegrams..... (8)	63,200
	Educational and Informational Publications..... (9)	8,000
	Educational and Informational Material Other than Publications.. (10)	8,500
	Office Stationery, Supplies and Equipment..... (11)	88,500
	Hospital, Medical and Other Materials and Supplies..... (12)	2,880,000
	Repairs and Upkeep of Buildings and Works..... (14)	200,000
	Rental of Buildings and Works..... (15)	20,500
	Repairs and Upkeep of Equipment..... (17)	125,000
	Light, Heat, Power and Water..... (19)	250,000
	Grants to Hospitals which care for Indians and Eskimos..... (20)	220,000
	Transportation of Patients and Travelling Expenses of Other than Staff..... (22)	738,000
	Laundry and Other Sundry Items..... (22)	90,000
		21,164,052
	<u>Less</u> - Amount for services provided under agreements with Northwest Territories and Yukon Territory on a recoverable basis..... (34)	435,000
	TOTAL, THIS VOTE.....	20,729,052
CONSTRUCTION AND EQUIPMENT	Construction or Acquisition of Buildings and Works..... (13)	2,630,500
	Acquisition of Equipment..... (16)	470,000
	TOTAL, THIS VOTE.....	3,100,500
	TOTAL, BOTH VOTES.....	23,829,552

TABLE H-2: APPROPRIATIONS AND EXPENDITURES

A. Indian Health Service

Fiscal Year	Vote*	Appropriations	Expenditures	Lapsed
1956-57	A	17,058,891	17,034,518	24,373
	B	1,272,200	1,073,329	198,871
	C	64,000	64,000	-
	Totals	18,395,091	18,171,847	223,244
1957-58	A	18,961,273	18,821,707	139,566
	B	1,120,500	950,763	169,737
	C	33,000	19,715	13,285
	Totals	20,114,773	19,792,185	322,588
1958-59	A	19,466,223	18,934,505	531,718
	B	962,200	654,194	308,006
	C	295,000	105,000	190,000
	Totals	20,723,423	19,693,699	1,029,724

B. Northern Health Service

Fiscal Year	Vote*	Appropriations	Expenditures	Lapsed
1956-57	A	94,610	63,034	31,576
	B	1,130,000	604,901	525,099
	C	-	-	-
	Totals	1,224,610	667,935	556,675
1957-58	A	210,729	134,709	76,020
	B	1,178,000	794,944	383,056
	C	-	-	-
	Totals	1,388,729	929,653	459,076
1958-59	A	1,144,944	799,828	345,116
	B	2,298,500	2,131,727	156,773
	C	-	-	-
	Totals	3,443,444	2,931,555	501,889

C. Indian and Northern Health Services

Fiscal Year	Vote*	Appropriations	Expenditures	Lapsed
1959-60	A	20,944,052	19,601,310	1,342,742
	B	3,100,500	2,048,625	1,051,875
	C	220,000	255,000	-35,000
	Totals	24,264,552	21,904,935	2,359,617
1960-61	A	21,262,102		
	B	1,786,600		
	C	100,000		
	Totals	23,148,702		

* A - Operation and Maintenance.
 * B - Construction and Equipment.
 * C - Grants to Hospitals - (Separate Vote prior to 1957-58).

TABLE H-3: ANALYSIS OF INDIAN AND NORTHERN HEALTH SERVICES' EXPENDITURES

Fiscal Years 1952-53 to 1959-60

Fiscal Year	Total Expenditures		Expenditures Per Capita		Selected Categories of Expenditures	
	Amount (\$)	% Increase over Previous Year	Crude Average*	Adjusted Average**	Non- I.N.H.S. Hospitals	Non- I.N.H.S. Physicians
			(\$)	(\$)	(\$)	(\$)
1952-53	12,879,406	+ 9.0	84.00	74.00	4,659,323	538,320
1953-54	14,272,610	+10.8	91.00	84.00	5,604,292	597,045
1954-55	15,547,864	+ 8.9	96.50	90.50	5,987,161	541,185
1955-56	16,729,222	+ 7.6	101.00	94.00	6,261,471	547,185
1956-57	18,839,782	+12.6	109.50	99.50	6,639,420	638,194
1957-58	20,721,838	+10.0	116.50	106.50	7,797,469	771,867
1958-59	22,625,254	+ 9.2	122.50	107.00	6,674,161	860,822
1959-60	21,904,935	- 3.2	114.00	103.50	5,178,272	938,775

* Total expenditures divided by population figures in Table A-2.

** Total expenditures minus capital expenditures, divided by population figures in Table A-2.

RATED BED CAPACITY: I.N.H.S. HOSPITALS

Hospital	1964 Per Dian Rate	Rated Capacity				Pharm.	Dietitian	Storeman	Non-dept. Dis. purch. in the Hosp.	Patient Days Separation 1966
		Gen.	T.B.	Tot.	EXPENDITURE Bass. IN \$ THOUSANDS					
177 Charles Camsell Hospital	3	209	271	480	3 623	x	x	x	X	120920
584 Moose Factory Indian Hospital	11	61	94	155	1 328	x	x	x		
518 Sioux Lookout Indian Hospital	14	70	-	70	578			x		
910 Norway House Indian Hospital	13	38	-	38	742			x		
196 Qu'Appelle Indian Hospital (accredited Feb 1966)	6	60	31	91	679	At Reg.		x		12385
263 North Battleford Indian Hospital	12	50	-	50	338				X	12002
255 Coqualeetza Indian Hospital	4	97	90	187	905	x		x		
2506 Nanaimo Indian Hospital		111	89	200	912	x	x	x		
1290 Miller Bay Indian Hospital	10	46	46	92	803	x	x	x		
2747 Whitehorse General Hospital	15	120	-	120	901	x		x	X	
2472 Inuvik General Hospital	1008	53	27	80	812	x	x	x		
7322 Frobisher General Hospital	7	30	-	30	435			x		
5378 Lady Willingdon Indian Hospital	2434	26	-	26	280			x		
287 Fisher River Indian Hospital	5	15	-	15	205					
2448 Blood Indian Hospital	2	39	-	39	237			Hosp. Att		8043
Blackfoot Indian Hospital		27	-	27	164					
		1,106	678	1,784	12,942					

1,580

Charles
Camsell
Hospital
356 Beds

Cop

75 acute
general 25 extended = 100

RATED BED CAPACITY: I.N.H.S. HOSPITALS

(OBTAINED FROM HS-1 RETURNS)

Hospital	Rated Capacity				Most Recent Return	Pharm	Dietitian	Dietician
	Gen.	T.B.	Tot.	Bass.				
3 _d Blackfoot Indian Hospital	27	-	27	3	1963			
3 _c Blood Indian Hospital	3 ⁷ 38	-	3 ⁷ 38	5	1963 ⁴			Hosp att
1 Charles Camsell Hospital	209	271	480	8	1962 *	✓	✓	✓
2 _f Coqualeetza Indian Hospital	87 97	100 98	187 198	-	1963 ⁴	✓		✓
3 _b Fisher River Indian Hospital	15	-	15	2	1963 ⁴			
Fort Alexander Indian Hospital	16	-	16	5	1963			
2 _k Frobisher General Hospital	30	-	30	6	1963			✓
2 _j Inuvik General Hospital	53 67	27 33	80 100	23	1963	✓	✓	✓
3 _a Lady Willingdon Indian Hospital	26	-	26	7	1963			✓
2 _h Miller Bay Indian Hospital	204 90	204 90	140 90	8	1963 ⁴	✓	✓	✓
2 _a Moose Factory Indian Hospital	61	94	155	4	In 1966 70% occupancy 1962 *	✓	✓	✓
2 _j Nanaimo Indian Hospital	111	89	200	-	1963	✓	✓	✓
2 _e North Battleford Indian Hospital	50	-	50	5	1963			
2 _c Norway House Indian Hospital	38	-	38	8	1963			✓
2 _d Qu'Appelle Indian Hospital	60	31	91	8	1963	at Reg.		✓
2 _e Sioux Lookout Indian Hospital	70	-	70	5	1963 ⁴			✓
2 _i Whitehorse General Hospital	120	-	120	30	1963	✓		✓
TOTALS	1,106	678	1,784	128				

* 1963 file to be rechecked in April 1965.

** New. (Figures obtained from H.O. blueprints.)

Systems and Statistics Division,
Medical Services,
December 7, 1964.

TABLE B-8: I.N.H.S. FACILITIES BY REGION, ZONE, AND PROVINCE

ADMINISTRATIVE AREAS			I.N.H.S. FACILITIES			
REGION & REGIONAL OFFICE	ZONE & ZONE OFFICE	PROVINCE	HOSPITAL	CLINIC	NURSING STATION	HEALTH CENTRE
EASTERN (Ottawa)	ATLANTIC (Amherst)	Nova Scotia		Sydney	Eskasoni	Shubenacadie
		Prince Edward Island				Lennox Island
		New Brunswick				Big Cove Chatham Kingsclear
	QUEBEC (Quebec City)	Quebec (Northeast)		Caughnawaga	Bersimis Fort Chimo	Mingan Oka Pointe Bleue Restigouche Romaine Schefferville Seven Islands
					Fort George Port Harrison Povungnituk Rupert House	Great Whale River
	MOOSE FACTORY (Moose Factory)	Quebec (Northwest)				
		Ontario (Northeast)	Moose Factory	James Bay		Fort Albany
	OTTAWA (Ottawa)	Quebec (West)				Amos Maniwaki Manowau Mistassini Obedjiwan Rapid Lake St. Regis Waswanipi
		Ontario (East)		Deseronto		
	SOUTHERN ONTARIO	Ontario (Central)	Lady Willingdon	Muncey Ohsweken		Chippawa Hill Christian Island Kettle Point Orillia

CENTRAL (Winnipeg)	OTTAWA (Ottawa)	Quebec (West)				Manowagan Mistassini Obedjiwan Rapid Lake St. Regis Waswanipi
		Ontario (East)			Deseronto	
	SOUTHERN ONTARIO (Ohsweken)	Ontario (South)		Lady Willingdon	Muncey Ohsweken	Chippawa Hill Christian Island Kettle Point Orillia Peterborough Walpole Island
	NORTHERN ONTARIO (North Bay)	Ontario (North)		Manitowaning	Manitowaning	Chapleau Parry Sound Sault Ste. Marie Sturgeon Falls Temiskaming
	EASTERN NORTHERN (Frobisher)	Northwest Territories (Franklin District)		Frobisher Bay	Frobisher Bay Pangnirtung	Cape Dorset Foxe
	SIOUX LOOKOUT (Sioux Lookout)	Ontario (Northwest)		Sioux Lookout	Sioux Lookout	Landowne House Pikangikum Sandy Lake Trout Lake
	SOUTHERN MANITOBA (Winnipeg)	Manitoba (South)		Assiniboine Fisher River Fort Alexander	Fisher River Pine Falls	Little Grand Rapids Little Saskatchewan
	NORWAY HOUSE (Norway House)	Manitoba (East)		Norway House	Norway House	Berens River Brandon Dauphin Portage la Prairie Sandy Bay
	THE PAS (The Pas)	Manitoba (North)		Clearwater Lake	The Pas	Cross Lake Garden Hill God's Lake Narrows Oxford House St. Theresa Point
	NORTHERN (Winnipeg)	Northwest Territories (Keewatin District)				Lynn Lake Nelson House Pukatawagan Split Lake Bauer Lake
	QU'APPELLE (Fort Qu'Appelle)	Saskatchewan (South)		Fort Qu'Appelle	Fort Qu'Appelle	Churchill
	NORTH BATTLEFORD (North Battleford)	Saskatchewan (West)		North Battleford	North Battleford	Broadview Kamsack Punnichy Rose Valley White Bear
						Meadow Lake Onion Lake

TABLE B-8: I.N.H.S. FACILITIES BY REGION, ZONE, AND PROVINCE

	PRINCE ALBERT (Prince Albert)	Saskatchewan (East)	PRINCE ALBERT	INDIAN NATIONS	La Ronge Shellbrook
	CHARLES CAMSELL (Edmonton)	Alberta (Edmonton Agency)	Charles Camsell	Edmonton	
		Blackfoot Blood Hobbema Peigan Stony	Hobbema	Goodfish Lake Hay Lake Saddle Lake	Bonnyville Calgary Driftpile Fort Chipewyan Fort Vermilion High Prairie Rocky Mountain House Wabasca
	ALBERTA (Edmonton)	Alberta (Except Edmonton Indian Agency)			
			Aklavik Fort Simpson Fort Smith Rae	Cambridge Bay Coppermine Fort Good Hope Fort Liard Fort McPherson Fort Norman Inuvik Tuktoyaktuk	Fort Resolution Yellowknife
	MACKENZIE (Edmonton)	Northwest Territories (Mackenzie District)			
			Whitehorse	Whitehorse	Dawson Haines Junction Mayo Watson Lake
	YUKON (Whitehorse)	Yukon			
			Cogualzetza	Alexis Creek Sardis Vancouver Williams Lake	Kamloops Lillooet Pemberton
	COQUALLEETZA (Sardis)	British Columbia (South)			
			Nanaimo	Nanaimo	Alert Bay Bella Bella Duncan Tofino
	NANAIMO (Nanaimo)	British Columbia (West)			
			Miller Bay	Miller Bay	Aiyansh Hazelton Masset Port Simpson Vanderhoof
	MILLER BAY (Miller Bay)	British Columbia (North)			
	PACIFIC (Vancouver)				

Revised May 16, 1960, by:
Statistics Section,
Indian and Northern Health Services

HOSPITALS

Location	Building	No. of Bldgs.	Total Area	Under 10 yrs.	Over 10 yrs.
Moose Factory	Hospital	1	89,580		x
	Nurses' Residence	1	10,430	x	
	Bldgs. over 1,000'	28	83,480	10	18
	" under 1,000'	4	3,300		4
Frobisher Bay	Hospital	1	26,900	x	New Bldg.
Lady Willingdon	Hospital	1	12,120		x
	over 1,000'	7	20,900		x
Sioux Lookout	Hospital	1	20,400		x
	Nurses' Residence	1	14,300	x	
	Over 1,000'	4	7,600	2	2
Fisher River	Hospital	1	10,300		x
	Nurses' Residence	1	10,700	x	
	Over 1,000'	3	8,850		x
Fort Alexander	Hospital	1	8,200		x
	Over 1,000'	2	9,900		x
Norway House	Hospital	1	29,115	x	
	Nurses' Residence	1	19,300	x	
	Over 1,000'	6	20,250	x	
	Under 500'	1	500	x	
Fort Qu'Appelle	Hospital	1	35,300		x
	Residences	2	34,300	x	
	Over 1,000'	7	18,475		x
North Battleford	Hospital	1	18,000		x
	Over 1,000'	5	19,770		x
Charles Cammell	Hospital	1	138,400		x
	Over 10,000'	3	33,540		x
	Over 1,000'	35	123,695		x
Gleichen	Hospital	1	8,040		x
Hobbema	Hospital	1	6,000		x
	Over 1,000'	2	6,470		x
Cardston	Hospital	1	6,000		x
	Over 1,000'	2	8,480		x
	Under 1,000'	1	600		x
Inuvik	Hospital	1	50,960	x	
	Over 1,000'	2	11,100	x	

HOSPITALS (cont'd)

Location	Building	No. of Bldgs.	Total Area	Under 10 yrs.	Over 10 yrs.
Whitehorse	Hospital	1	86,600	x	
	Nurses' Residence	2	19,670	x	
	Over 1,000'	1	6,860	x	
Ampullecton	Old Hospital	1	25,420		x
	New Wing	1	34,200	x	
	Staff Quarters	1	22,170	x	
	Over 1,000'	11	25,750		x
	Under 1,000'	8	4,000		x
Grading	Hospital	1	44,070		x
	Over 1,000'	7	27,000		x
Miller Bay	Hospital	1	34,840		x
	Nurses' Residence	1	20,100		x
	Over 1,000'	10	21,360		x
	Under 1,000'	4	3,000		x

NURSING STATIONS

Location	Area	Over 10 years	Under 10 years
Eskasoni	3,600	x	
Bersimis	3,600	x	
Fort Chimo	4,550		x
Fort George	3,600	x	
Great Whale	4,550		x
Paint Hills	3,900		x
Port Harrison	2,000	x	
Povungnituk	2,220	x	
Rupert's House	2,500	x	
Albany	3,000		x
Cape Dorset	3,220		x
Fox	2,000		x
Lac Seul	2,300	x	
Lansdowne House	2,500	x	
Pikangikum	2,500	x	
Sandy Lake	4,560		x
Trout Lake	2,300	x	
Little Grand Rapids	3,900		x
Little Saskatchewan	3,600	x	
Cross Lake	5,560	x	
God's Lake	2,300		x
Oxford House	4,560	x	
St. Theresa	3,480	x	
Pukatawagan	980		x
Split Lake	4,560		x
Coral Harbour	2,220		x
Baker Lake	3,220		x
Eskimo Point	2,220		x
Pelican Narrows	4,560		x
Fort Chipewyan	4,370		x
Goodfish Lake	4,600		x
Hay Lake	1,960		x
Peigan	3,000	x	

NURSING STATIONS (cont'd)

Location	Area	Over 10 years	Under 10 years
Saddle Lake	1,730	x	
Stony	4,000	x	
Aklavik	1,730	x	
Cambridge Bay	4,730		x
Coppermine	1,730	x	
Fort Good Hope	4,560		x
Fort Liard	3,000		x
Fort McPherson	2,160	x	
Fort Norman	1,730	x	
Spence Bay	2,220		x
Tuktoyaktuk	3,220		x

HEALTH CENTRES

Location	Area	Over 10 yrs.	Under 10 yrs.	Maintained by
Shubenacadie	2,000		x	MS
Big Cove	2,000		x	MS
Chatham	500		x	DPW
Kingsclear	500	x		IAB
Mingan	500		x	MS
Natashquan	600		x	MS
Pointe Bleue	2,000		x	MS
Restigouche	2,000		x	MS
Romaine	900		x	MS
Schefferville	500		x	MS
Seven Islands	2,000		x	MS
Amos	700		x	DPW
Maniwaki	1,500	x		MS
Manowan	1,960		x	MS
Mistassini	3,900		x	MS
Obedjiwan	1,960		x	MS
St. Regis	2,000	x		MS
Waswanipi	1,500	x		MS
Chippewa Hills	500	x		IAB
Christian Islands	900		x	MS
Orillia	500		x	DPW
Peterborough	500		x	DPW
Walpole Islands	2,000		x	MS
Chapleau	500		x	DPW
Manitowaning	1,600	x		MS
Parry Sound	500		x	DPW
Sault Ste. Marie	500		x	DPW
Sturgeon Falls	500		x	DPW
Timiskaming	900		x	MS
Fort Frances	600		x	IAB
Kenora	600		x	IAB
Nabina	500		x	IAB
Pickle Lake	1,200	x		MS
Port Arthur	500		x	DPW
Berens River	3,000		x	MS
Dauphin	600		x	DPW

HEALTH CENTRES (cont'd)

Location	Area	Over 10 yrs.	Under 10 yrs.	Maintained by
Elphinstone	800		x	DPW
Portage la Prairie	800		x	DPW
Sandy Bay	600		x	DPW
Broadview	600		x	DPW
Kamsack	600		x	DPW
Punnichy	1,400	x		MS
Rose Valley	400		x	IAB
White Bear	3,900		x	MS
Meadow Lake	400		x	DPW
Onion Lake	3,900		x	MS
Fort a la Corne	4,560		x	MS
Shellbrook	600		x	DPW
Bonnyville	400		x	DPW
Calgary	600		x	DPW
Driftpile	1,730	x		MS
Fort Vermilion	1,200	x		MS
High Prairie	600		x	DPW
Rocky Mountain House	600		x	DPW
Port Resolution	1,730	x		MS
Yellowknife	900	x		DPW
Dawson	600		x	DPW
Haines Junction	600		x	DPW
Mayo	600		x	DPW
Watson Lake	2,500		x	MS
Kamloops	600		x	DPW
Lillooet	1,200		x	MS
Mount Currie	600		x	DPW
Alert Bay	1,200		x	DPW
Bella Bella	2,400	x		MS
Duncan	600		x	DPW
Tofino	800		x	MS
Aiyansh	3,000		x	MS
Hazelton	1,400	x		MS
Massett	2,000		x	MS
Port Simpson	1,200	x		MS
Vanderhoof	600		x	DPW

CLINICS

Location	Area	Over 10 yrs.	Under 10 yrs.	Maintained by
Sydney	600	x		DPW
Laughnawaga	300	x		MS
Deseronto	800	x		MS
Funcey	3,600	x		MS
Pangnirtung	1,620		x	MS
Churchill	1,200		x	DPW
Prince Albert	1,500		x	DPW
Port Simpson	900	x		MS
Port Smith	800	x		NA & NR
ae	1,400		x	MS
Alexis Creek	3,600		x	MS
Vancouver	3,000		x	DPW
Williams Lake	2,000	x		IAB

RESTRICTED

TO: Zone Superintendent,
Central Northern Zone, Medical Services

FROM: Director, Medical Services

DATE: March 18, 1963

SUBJECT: Analysis of Staff Utilization in INHS Hospitals - 1961

1. The attached material will be familiar to Regional Administrative Officers who were at the recent Edmonton meeting. Others who attended the administrative conference in November 1961, will remember discussions regarding our intention to develop a program of management evaluation of our hospital operations. The attached is the first tangible evidence of our conviction that this evaluation program is a very important segment of our administrative responsibility.
2. The raw data for these analyses were taken from your 1961 H.S.1 returns. If our figures do not accurately reflect the true state of affairs, it is because the H.S.1 returns were not accurate. Since the production of these analyses will, for the foreseeable future, be a continuing operation, hospital administrations are urged to check the accuracy of their returns before releasing them. The daily completion of the Consolidated Work Sheet will provide accurate basic figures.
3. No administrative decisions to reduce establishments or restrict budgets will result from this first analysis. However, those hospitals, whose indices greatly exceed the Canadian and especially the INHS averages should realize that this condition cannot be allowed to continue, and that corrective action may have to be taken if subsequent periodic analyses paint the same picture. The Canadian averages relate primarily to general hospitals and one would expect our chronic care institutions to exhibit lower staff utilization rates in many areas of operation. Great care should be taken to ensure that all department heads have a complete understanding of the instructions and definitions issued by the Dominion Bureau of Statistics.
4. Salaries and allowances account for close to 70% of hospital operating costs. We have, therefore, concentrated our first efforts on staff utilization. The next step is, of course, a similar analysis of H.S. 2 (financial) returns. Studies of both analyses should pin point areas of need for a management improvement program.
5. This material is provided for your use as a management tool. Ideally it should be prepared by hospitals themselves and if any INHS hospitals are producing similar analyses, we would like to have copies for our files. Its primary purpose is to indicate to all levels of management the need for a critical internal evaluation of their particular segment of the hospital operation. Administrations, which are contemplating requests for increased establishments, should take a hard look at their comparative positions before submitting annual staff estimates.

P. E. Moore, M.D., D.P.H.

ANALYSIS OF STAFF UTILIZATION INHS HOSPITALS 10 - 25 BEDS 1961

	Fisher River	Pine Falls	Frobisher	Hobbema	Lady Willingdon	INHS Average 10-25 beds	Canadian Average
Rated bed capacity	15	16	19	22	25	-	-
Hours worked by graduate nurses per patient day	1.5	3.0	3.0	2.0	3.5	2.6	-
Hours worked by graduate nurses per bed day	1.6	3.3	1.5	1.4	2.7	2.1	-
Hours worked by orderlies per patient day	-	-	-	-	-	-	-
Hours worked by orderlies per bed day	-	-	-	-	-	-	-
Hours worked by other nursing staff per patient day	3.8	2.0	1.1	2.9	3.2	2.6	-
Hours worked by other nursing staff per bed day	4.1	2.2	0.6	1.9	2.5	2.3	-
Total hours of direct care per patient day	5.3	5.0	4.1	4.9	6.7	5.2	3.9
Total hours of direct care per bed day	5.7	5.7	2.1	3.3	5.2	4.4	2.9
Hours worked by administrative staff per patient day	1.2	0.8	1.4	0.8	2.2	1.3	0.6
Hours worked by administrative staff per bed day	1.3	0.9	0.8	0.5	1.6	1.0	0.4
Hours worked by dietary staff per meal day	1.1	0.3	-	1.1	1.0	0.9	-
Hours worked by dietary staff per patient day	2.8	0.5	-	2.0	1.7	1.6	1.2
Hours worked by dietary staff per bed day	2.9	0.6	-	1.3	1.4	1.5	0.9
Hours worked by laundry-linen staff per patient day	1.5	0.4	-	-	1.2	1.0	-
Hours worked by laundry-linen staff per bed day	1.6	0.5	-	-	0.9	0.9	-
Hours worked by housekeeping staff per patient day	-	-	-	-	-	-	-
Hours worked by housekeeping staff per rated bed per year	937	929	438	182	582	614	-
Hours worked by housekeeping staff per bed day	2.6	2.5	1.2	0.5	1.6	1.7	-
Hours worked by laundry-linen-house-keeping staff per patient day	4.0	2.7	-	-	3.2	3.3	1.2
Hours worked by laundry-linen-house-keeping staff per bed day	4.2	3.0	-	-	2.5	3.2	0.9
Hours worked by plant operating staff per rated bed per year	-	-	109	117	-	-	-
Hours worked by plant operating staff per bed day	-	-	0.3	0.3	-	-	-
Hours worked by plant maintenance staff per rated bed per year	-	-	328	84	-	-	-
Hours worked by plant maintenance staff per bed day	-	-	0.9	0.2	-	-	-
Hours worked by operating and maintenance staff per patient day	2.0	0.5	2.1	0.8	1.8	1.4	0.5
Hours worked by operating and maintenance staff per bed per year	783	190	438	200	499	422	-
Hours worked by operating and maintenance staff per bed day	2.1	0.5	1.2	0.5	1.4	1.1	0.4

ANALYSIS OF STAFF UTILIZATION INHS HOSPITALS 26 - 50 BEDS 1961

	Blackfoot	Blood	Norway House	North Battleford	INHS Average 26-50 beds	Canadian Average
Rated bed capacity	27	39	38	50	-	-
Hours worked by graduate nurses per patient day	2.6	1.8	1.9	1.7	2.0	-
Hours worked by graduate nurses per bed day	1.1	1.2	1.3	1.5	1.3	-
Hours worked by orderlies per patient day	-	0.2	0.2	0.3	0.2	-
Hours worked by orderlies per bed day	-	0.1	0.2	0.2	0.2	-
Hours worked by other nursing staff per patient day	3.0	-	-	-	-	-
Hours worked by other nursing staff per bed day	3.0	2.5	2.6	2.3	2.6	-
	1.3	1.5	1.8	2.0	1.7	-
Total hours of direct care per patient day	5.6	4.5	4.7	4.3	4.8	3.8
Total hours of direct care per bed day	2.4	2.8	3.3	3.7	3.1	3.0
Hours worked by administrative staff per patient day	1.4	0.7	2.3	0.5	1.2	0.7
Hours worked by administrative staff per bed day	0.6	0.4	1.5	0.4	0.7	0.5
Hours worked by dietary staff per meal day	1.0	0.8	2.1	0.7	1.2	-
Hours worked by dietary staff per patient day	1.9	1.0	3.6	1.1	1.9	1.2
Hours worked by dietary staff per bed day	0.8	0.6	2.4	0.9	1.2	1.0
Hours worked by laundry-linen staff per patient day	0.8	0.8	1.1	-	0.9	-
Hours worked by laundry-linen staff per bed day	0.3	0.5	0.7	-	0.5	-
Hours worked by housekeeping staff per patient day	-	-	-	-	-	-
Hours worked by housekeeping staff per rated bed per year	192	247	571	386	349	-
Hours worked by housekeeping staff per bed day	0.5	0.7	1.6	1.0	0.9	-
Hours worked by laundry-linen-house-keeping staff per patient day	2.0	1.8	3.5	1.2	2.1	1.4
Hours worked by laundry-linen-house-keeping staff per bed day	0.8	1.2	2.3	1.0	1.3	1.1
Hours worked by plant operating staff per rated bed per year	193	-	330	208	244	-
Hours worked by plant operating staff per bed day	0.5	-	0.9	0.5	0.6	-
Hours worked by plant maintenance staff per rated bed per year	193	-	341	125	220	-
Hours worked by plant maintenance staff per bed day	0.5	-	0.6	0.3	0.5	-
Hours worked by operating and maintenance staff per patient day	2.5	-	2.8	1.0	2.1	0.4
Hours worked by operating and maintenance staff per bed per year	386	-	671	333	463	-
Hours worked by operating and maintenance staff per bed day	1.0	-	1.8	0.9	1.2	0.3

ANALYSIS OF STAFF UTILIZATION INHS HOSPITALS 51-100 BEDS 1961

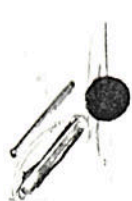
	Sicx Lookout	Inuvik	Canadian Average
Rated bed capacity	70	-	-
Hours worked by graduate nurses per patient day	1.8	-	-
Hours worked by graduate nurses per bed day	1.0	-	-
Hours worked by orderlies per patient day	0.8	-	-
Hours worked by orderlies per bed day	0.4	-	-
Hours worked by other nursing staff per patient day	2.5	-	-
Hours worked by other nursing staff per bed day	1.4	-	-
Total hours of direct care per patient day	5.1	-	4.3
Total hours of direct care per bed day	2.8	-	3.4
Hours worked by administrative staff per patient day	1.3	-	0.7
Hours worked by administrative staff per bed day	0.9	-	0.6
Hours worked by dietary staff per meal day	0.8	-	-
Hours worked by dietary staff per patient day	1.7	-	1.3
Hours worked by dietary staff per bed day	1.0	-	1.0
Hours worked by laundry-linen staff per patient day	1.0	-	-
Hours worked by laundry-linen staff per bed day	0.6	-	-
Hours worked by housekeeping staff per patient day	-	-	-
Hours worked by housekeeping staff per rated bed per year	326	-	-
Hours worked by housekeeping staff per bed day	0.9	-	-
Hours worked by laundry-linen-house-keeping staff per patient day	2.7	-	1.5
Hours worked by laundry-linen-house-keeping staff per bed day	1.5	-	1.2
Hours worked by plant operating staff per rated bed per year	149	-	-
Hours worked by plant operating staff per bed day	0.4	-	-
Hours worked by plant maintenance staff per rated bed per year	237	-	-
Hours worked by plant maintenance staff per bed day	0.6	-	-
Hours worked by operating and maintenance staff per patient day	1.9	-	0.5
Hours worked by operating and maintenance staff per bed per year	386	-	-
Hours worked by operating and maintenance staff per bed day	1.0	-	0.4

ANALYSIS OF STAFF UTILIZATION INHS HOSPITALS 101-200 IN 1961

	Fort Qu'Appelle	Whitehorse	Miller Bay	Moose Factory	Coqualeetza	Nanaimo	INHS Average 101-200 beds	Canadian Average
Rated bed capacity	104	120	140	155	187	200	-	-
Hours worked by graduate nurses per patient day	1.2	2.6	0.8	0.9	1.1	1.4	1.3	-
Hours worked by graduate nurses per bed day	0.8	1.5	0.5	0.7	1.0	1.1	0.9	-
Hours worked by orderlies per patient day	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-
Hours worked by orderlies per bed day	0.2	0.1	0.1	0.1	0.2	0.4	0.2	-
Hours worked by other nursing staff per patient day	1.5	1.9	1.5	1.4	1.2	1.0	1.4	-
Hours worked by other nursing staff per bed day	1.0	1.0	1.0	0.9	1.0	0.8	1.0	-
Total hours of direct care per patient day	2.9	4.7	2.5	2.5	2.5	2.9	3.0	4.6
Total hours of direct care per bed day	2.0	2.6	1.6	1.6	2.2	2.3	2.1	3.8
Hours worked by administrative staff per patient day	1.0	0.8	0.8	0.8	0.4	0.4	0.7	0.9
Hours worked by administrative staff per bed day	0.7	0.5	0.6	0.6	0.4	0.3	0.5	0.7
Hours worked by dietary staff per meal day	0.8	1.0	0.4	0.6	0.5	0.4	0.6	-
Hours worked by dietary staff per patient day	1.2	1.3	0.7	1.0	0.6	0.6	0.9	1.3
Hours worked by dietary staff per bed day	0.8	0.7	0.5	0.9	0.5	0.5	0.7	1.1
Hours worked by laundry-linen staff per patient day	-	0.6	0.4	0.5	0.4	0.4	0.5	-
Hours worked by laundry-linen staff per bed day	-	0.4	0.3	0.3	0.4	0.3	0.4	-
Hours worked by housekeeping staff per patient day								
Hours worked by housekeeping staff per rated bed per year	408	275	389	325	310	296	334	-
Hours worked by housekeeping staff per bed day	1.1	0.8	1.1	0.9	0.8	0.8	0.8	
Hours worked by laundry-linen-house-keeping staff per patient day	-	2.0	1.8	1.5	1.3	1.3	1.6	1.5
Hours worked by laundry-linen-house-keeping staff per bed day	1.1	1.2	1.4	1.2	1.2	1.2	1.2	1.2
Hours worked by plant operating staff per rated bed per year	-	82	67	197	77	52	95	-
Hours worked by plant operating staff per bed day	-	0.2	0.2	0.5	0.2	0.1	0.2	-
Hours worked by plant maintenance staff per rated bed per year		73	121	348	127	73	148	-
Hours worked by plant maintenance staff per bed day	-	0.2	0.3	1.0	0.3	0.2	0.4	-
Hours worked by operating and maintenance staff per patient day	1.6	0.8	0.7	1.7	0.6	0.4	1.0	0.5
Hours worked by operating and maintenance staff per bed per year	413	155	188	545	204	125	272	-
Hours worked by operating and maintenance staff per bed day	1.1	0.4	0.5	1.5	0.6	0.3	0.7	0.4

ANALYSIS OF STAFF UTILIZATION INHS HOSPITALS 300-500 BEDS 1961

	Charles Camsell	Canadian Average
Rated bed capacity	500	-
Hours worked by graduate nurses per patient day	1.5	-
Hours worked by graduate nurses per bed day	1.0	-
Hours worked by orderlies per patient day	0.4	-
Hours worked by orderlies per bed day	0.3	-
Hours worked by other nursing staff per patient day	1.8	-
Hours worked by other nursing staff per bed day	1.3	-
Total hours of direct care per patient day	3.7	5.0
Total hours of direct care per bed day	2.7	4.0
Hours worked by administrative staff per patient day	0.6	0.8
Hours worked by administrative staff per bed day	0.4	0.7
Hours worked by dietary staff per meal day	0.7	-
Hours worked by dietary staff per patient day	0.1 1.0	1.4
Hours worked by dietary staff per bed day	0.7	1.1
Hours worked by laundry-linen staff per patient day	0.3	-
Hours worked by laundry-linen staff per bed day	0.3	-
Hours worked by housekeeping staff per patient day	-	-
Hours worked by housekeeping staff per rated bed per year	146	-
Hours worked by housekeeping staff per bed day	0.4	-
Hours worked by laundry-linen-house-keeping staff per patient day	0.9	1.6
Hours worked by laundry-linen-house-keeping staff per bed day	0.7	1.3
Hours worked by plant operating staff per rated bed per year	42	-
Hours worked by plant operating staff per bed day	0.1	-
Hours worked by plant maintenance staff per rated bed per year	67	-
Hours worked by plant maintenance staff per bed day	0.2	-
Hours worked by operating and maintenance staff per patient day	0.4	0.4
Hours worked by operating and maintenance staff per bed per year	109	-
Hours worked by operating and maintenance staff per bed day	0.3	0.3



X 1st priority	46 (incl. invoice card tabs)
X 2nd priority	27
X 3rd priority	21
X Low priority	5
(X) No priority	3

ANNUAL RETURN OF HOSPITALS - 1977
102 total indices

NOTE: Figures in black pen on each index indicate punch card number (in circle) and field number on each punch card

INDICES

F. Facilities and Services Data

to be used

A. Facilities

- X 1. Ratio - beds set up to rated bed capacity - total acc. capacity. (1) IV, V
- X 2. Ratio - Standard ward, ^{beds as a percent of} total accommodation (beds set up). (1) III a, IV
- X 3. Ratio - Medicine and surgery, ^{beds as a percent of} total accommodation (for 2nd a). (1) II b, IV
- X 4. Ratio - beds set up in one-bed size or more, ^{as a percent of} total accommodation. (1) II a, IV

B. Utilization

- X 5. Average length of stay, ^{since admission,} for separations - adults and children. (2) VI, (2) VII
- X 6. Average length of stay, ^{since admission,} for separations - newborn. (22) II, III
- X 7. Percentage distribution of separations by length of stay, ^{since admission,} admission - adults and children. (3) II to VII; (12) V; (2) VI
- X 8. Ratio - separations with length of hospital stay of 30 or more days to total separations - adults and children. (2) VI; (12) V
- X 9. Ratio - patient days for separations with length of hospital stay of 30 or more days to patient days, ^{since admission,} of separations - adults and children. (12) VI, VII
- X 10. Percentage occupancy (based on beds set up) - total accommodation - adults and children. (1) IV, (11) II
- X 11. Percentage occupancy (based on beds set up) - standard ward - adults and children. (1) III a; (12) IV
- X 12. Percentage occupancy (based on beds set up) - preferred nursing unit - adults and children. (1) III b; (12) III
- X 13. Ratio - Patient days of care - standard ward, ^{as a percentage,} total accommodation - adults and children. (12) II, IV
- X 14. Ratio - admissions during year to beds set up - adults and children. (1) IV; (2) III
- X 15. Percentage distribution of patient days by responsibility for care - adults and children. (11) II to VII
- (X) 16. Ratio - admissions during year to total under care during year - adults and children. (2) III, IV
- X 17. Ratio - discharges per 100 separations during year - adults and children. (2) V, VI
- X 18. Ratio - patient days for newborn to patient days for adults and children. (11) II, (23)

C. Departmental Services

- X 19. Ratio - in-patient radiographic examinations (other than routine chest x-ray) to total admissions during year - adults and children. (23) III; (23) IV
- X 20. Ratio - in-patient radiographic examinations (other than routine chest x-ray) to patient days - adults and children. (11) II; (23) IV
- X 21. Ratio - in-patient films taken in your department to films taken in your department - adults and children. (2) III; (23) III
- X 22. Ratio - in-patient films taken in your department to patient days - adults and children. (11) II; (23) III

C - Departmental Services (Cont'd)

- (X) 23. Ratio - in-patient radiographic examinations (other than routine admission chest x-ray) to films taken in your department - in-patient. (23) III, IV
 X 24. Ratio - in-patient laboratory units to total admissions - adults and children. (2) III; (24) III
 X 25. Ratio - in-patient laboratory units to patient days - adults and children. (11) II; (24) II
 X 26. Ratio - ⁱⁿ ~~out~~-patient to ^{out} ~~in~~-patient laboratory units done in your hospital and referred out to other laboratory. (24) II, III
 X 27. Percentage distribution of laboratory units (done in hospital for hospital patients) by type of ^{laboratory} procedure. (8) II to VI
 X 28. Ratio - laboratory units (total units done in hospital) to hours of work in laboratory. (8) VII; (24) V
 X 29. Laboratory units (done in hospital for hospital's patients) as a per cent of total units done in your hospital. (8) VI, VII
 X 30. Obstetrical deliveries as a per cent of admissions during year - adults and children. (2) III; (26) III
 X 31. Ratio - obstetrical deliveries to paid hours of work in delivery room. (26) III, V
 X 32. Ratio - obstetrical deliveries to obstetrical beds set up. (26) III, IV b
 X 33. Caesarean sections as a ~~per~~ cent of total obstetrical deliveries. (26) III, IV a
 X 34. Ratio - operations carried out on in-patients to admissions during year. (2) III; (25) II
 X 35. Ratio - total operations carried out in an operating room to paid hours of work in operating room. (25) III, V
 X 36. Ratio - elapsed time of operations carried out in an operating room to total operations carried out in an operating room. (25) III, IV

D - Staff Operations

- X 37. Average paid hours of work (excluding hours in newborn nursery) separately for each category of personnel (total staff, graduate nurses, student nurses, orderlies and other nursing staff, and other paid staff) per patient day. ^{patient day - adults and children. (5) II to VII; (11) II.} (11) II; (4) III to VII
 X 38. Average paid hours of work (excluding hours in newborn nursery) separately for each category of personnel (total staff, graduate nurses, student nurses, orderlies, other nursing staff, and other paid staff) per bed (based on rated bed capacity). (1) V; (4) III to VII
 X 39. Ratio - paid hours of work for graduate nurses ^{and personnel} to paid hours of work for all nursing personnel - direct care nursing units - adults and children. (5) II, II to V
 X 40. Ratio - paid hours of work for graduate nurses ^{and personnel} to paid hours of work for all nursing personnel - direct care nursing units - newborn nursery. (5a) II, II to V
 X 41. Average paid hours of work for administration (general service) per patient day - adults and children. (2) II, (11) II
 X 42. Average paid hours of work for laundry and linen per patient day - adults and children. (6) IV; (11) II
 X 43. Ratio - paid hours of work for housekeeping to rated bed capacity. (1) V; (6) V
 X 44. Ratio - paid hours of work for operation and maintenance of physical plant to rated bed capacity. (1) V; (6) VI
 X 45. Ratio - paid hours of work dietary to total meal days. (6) III; (27) III
 X 46. Staff separation rates ^{based on positions established} for selected categories of personnel (the following are coded: dietitian, medical record librarian, laboratory technician, radiological technician, physiotherapist, general duty nurse, nursing directors and supervisors and head nurses, nursing auxiliaries, total paid staff) - full-time. (9) V, VII; (10) V, VII

D - Staff Operations (Cont'd)

- based on persons authorized*
- X 47. Staff separation rates ^{for selected categories of personnel (see #46)} part-time. (9) II, IV; (10) III a, IV.
- X 48. Ratio - full-time nurses employed ^{separately} (general duty nurse, nursing directors and supervisors and head nurses, nursing auxiliaries) to beds set up. (9) IV; (10) VI, (10) VI.
- X 49. Ratio - part-time to full-time persons employed - separately for selected categories of personnel (see #46) (9) III; (9) VI; (10) III b; (10) VI.
- X 50. Ratio - part-time to full-time positions established - total paid staff. (10) III a, V.
- X 51. Ratio - ~~nursing~~ ^{as a percent of} staff to total paid staff - full-time. (9) VI; (10) VI.
- X 52. Persons employed as a per cent of positions established for selected categories of personnel (see #46) full-time. (9) V, VI; (10) V, VI.
- X 53. Persons employed as a per cent of positions established for selected categories of personnel (see #46) part-time. (9) II, III; (10) III a, III b.

ANNUAL RETURN OF HOSPITALS

INDICES

II. Composite - Facilities and Services and Financial Data

A - Revenue Fund Income

- X 1. Percentage distribution of net earnings for in-patient services by responsibility for payment of the total in-patient net earnings - adults and children. (19) II to VII; (21) III.
- X 2. Ratio - net earnings for in-patient services by responsibility for payment according to the corresponding groups of patient days - adults and children. (19) II to VII; (21) II to VII.
- X 3. Ratio - net earnings from differential charges to in-patients for preferred accommodation to total net earnings for in-patient services - adults and children. (19) VII; (20) V.
- X 4. Average net earnings from differential charges to in-patients for preferred accommodation per patient day for preferred accommodation - adults and children. (20) IV; V.
- X 5. Percentage distribution of total revenue fund income by source of funds. (21) IV to VII; (22) VII.
- X 6. Ratio - net earnings from out-patients for uninsured services to gross earnings from out-patients for uninsured services (excluding organized O.P.D. and ambulance service). (20) II, III.
- X 7. Allowance for bad debts (less recoveries) as a per cent of gross in-patient earnings - adults and children and newborn. (20) VI, VII.
- (X) 8. Newborn net earnings from Provincial Plan as a per cent of total newborn net earnings (excluding newborn earnings from non-residents and uninsured residents of the province). (22) IV, V.
- X 9. Average newborn net earnings per patient day of newborn care (excluding newborn earnings from non-residents and uninsured residents of the province). (22) II, V.
- X 10. Ratio - dietary recoveries and sales for meals or board per meal day (staff and other). (21) II, IV.
- X 11. *Subtraction from gross earnings for in-patient services - adults and children, and newborn earnings for inpatient services - adults and children, and newborn. (p. 8, l. 1; 3, 6, 9, c. 2) and (p. 6, l. 12, 18, c. 1)*

B - Revenue Fund Expense

- X 11. Percentage distribution of total revenue fund expense by broad departmental groupings. (13) IV to VII; (14) III to VI.
- X 12. Ratio - expense for each broad departmental grouping to patient days - adults and children. (13) II, IV to VII; (14) II to VI.
- X 13. Percentage distribution of total revenue fund expense by type of account - adults and children. (16) III to VII.
- X 14. Ratio - expense for each type of account (adults and children) to patient days - adults and children. (16) II to VII.
- X 15. Ratio - expense for each type of account (adults and children) to beds set up - adults and children. (13) III; (16) III to VII.
16. Ratio - total gross salaries and wages (adults and children) to patient days - adults and children. (duplication with # 15)
- X 17. Percentage distribution of direct care expense by type of account - adults and children. (17) III to VII.

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- X 18. Ratio - direct care expense (adults and children) by type of account to patient days of ~~care~~ - adults and children. (17) II to VII
 - X 19. Ratio - laboratory expense to laboratory units ^{work} (total for hospital plus those referred out which are charged to hospital). (24) IV, VII
 - X 20. Average laboratory salaries and wages per paid hour of work in laboratory. (24) V, VI
 - X 21. Ratio - x-ray film expense to ^{total} films taken in department. (23) II, VII
 - 22. Average radiology salaries and wages per paid hour of work in radiology. (23) V, VI
 - X 23. Ratio - operating room expense to total operations. (25) III, VII
 - X 24. Ratio - operating room expense to hours of elapsed time of operations carried out in an operating room. (25) IV, VII
 - X 25. Average operating room salaries and wages per paid hour of work in operating room. (25) V, VI
 - X 26. Average delivery room salaries and wages per paid hour of work in delivery room. (26) V, VI
 - X 27. Ratio - delivery room expense to obstetrical deliveries. (26) III, VII
 - X 28. Average newborn nursery salaries and wages per newborn patient day. (22) II, VI
 - X 29. Ratio - departmental expense (separately for administration, laundry and linen, replacement of bedding and linen) to patient days - adults and children. (15) II to V
 - X 30. Average laundry and linen salaries and wages per paid hour of work in laundry and linen. (15) VI, VII
 - X 31. Ratio - food expense to total meal days. (27) III, V
 - X 32. Ratio - ~~not~~ ^{total} dietary expense (total dietary expense minus recoveries and ~~sales~~) to total meal days. (27) VII, III
 - X 33. Average dietary salaries and wages per paid hour of work in dietary. (6) III; (27) VI
 - X 34. Ratio - departmental expense (separately for housekeeping, operation and maintenance of physical plant "total", operation of physical plant "excluding salaries and wages") to rated bed capacity. (18) II to V
 - X 35. Percentage distribution of expenses for general service departments. (14) V; (15) III, I
(18) III, IV; (21) V
 - X 36. Ratio - depreciation on major equipment (shareable) to rated bed capacity. (18) II, V
 - X 37. Ratio - depreciation on buildings and building service equipment and other equipment (non-shareable) to rated bed capacity. (18) II, VII
 - X 38. Ratio - interest on long and short term loans to rated bed capacity. (28) II, VI

C - Plant Fund

- X 39. Ratio - capital debt to rated bed capacity. (28) II, VII

Combine as
one index table

ANNUAL RETURN OF HOSPITALS

INDICES

III. Supplementary (derived from hand tabulations)

- X 1A. *Ratio - out-patient standard films taken in your department to in-patient standard films taken in your department.* (p.5, l.2, c.2) and (p.5, l.2, c.1).
- X 1. *Ratio - out-patient standard films taken in your department to in-patient standard films taken in your department.* (p.5, l.5, c.1) and (p.5, l.5, c.2).
- X 2. *Ratio - paid hours of work in nursing education for graduate nurses per student nurse enrolled at December 31.* (p.11, l.2, c.2) and (p.12, l.8, c.1).
- X 3. *Expenditure on nursing education per patient day - adults and children.* (p.10, l.2, c.1) and (p.3, l.14, c.1).
- X 4. *Percentage distribution of trained hospital administrators by size of hospital.* (p.7, l.1-4, c.1) and (p.2, l.21, c.1).
- X 5. *Ratio - net earnings from insured residents (care not responsibility of Provincial Plan) to patient days - adults and children.* (p.6, l.11, c.3) and (p.3, l.14, c.1).
- X 6. *Average paid hours of work for pharmacy per patient day - adults and children.* (p.10, l.12, c.1) and (p.3, l.14, c.1).
- X 7. *Average paid hours of work for central supply room per patient day - adults and children.* (p.10, l.11, c.1) and (p.3, l.14, c.1).
- X 8. *Ratio - net earnings from out-patient emergency department to in-patient emergency department.* (p.7, l.20, c.2) and (p.6, l.34, c.2).