HEALTH MANPOWER RESEARCH UNIT

C/O OFFICE OF THE COORDINATOR
HEALTH SCIENCES CENTRE

PHONE: (604) 228-4810

4th FLOOR I.R.C. BUILDING
THE UNIVERSITY OF BRITISH COLUMBIA
VANCOUVER, B.C., CANADA
V6T 1W5

THE EFFECT OF ENLARGING THE CALGARY MEDICAL SCHOOL UPON PHYSICIAN STOCK IN BRITISH COLUMBIA

- Some Further Analyses -

HHRU 75:2
January 1975
HMRU Report 75:1

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DEFINITIONS OF PHYSICIAN STATUS

DIRECTORY ACTIVE PHYSICIANS

Directory active physicians are registered in British Columbia by the B.C. College of Physicians and Surgeons. On the date of record they have a B.C. address and are licenced to practice medicine. Directory Active includes physicians who are on the full and temporary registers (i.e. those who are in post-graduate training or have temporary licences).

M.S.C. ACTIVE

M.S.C. active physicians are not in Post Graduate work and have been assigned a valid billing number by the Medical Services Commission. The Medical Services Commission type of practice code indicates that these physicians are generally available to the public whether their type of practice is private, group or salaried.

M.S.C. NOT ACTIVE

M.S.C. not active physicians are directory active physicians not in Post Graduate work who are not categorized as M.S.C. Active.

POST GRADUATE

Post graduates are directory active physicians who according to the records of the B.C. College of Physicians and Surgeons are involved in post graduate work. They may be fully-registered or possibly do locums. This group therefore is comprised primarily of interns and residents.

SPECIALISTS

Specialties are determined by the Medical Services Commission specialty code. As a result physicians with two or more specialties will be included in specialty counts only once; that specialty will be the one which best represents their type of practice as reflected in their billing to the Medical Services Commission.

July, 1974.

The Four Options Which are Tested Using MMSS

	Size of First Year Medical Class by Year									
	1975	1976	1977	1978	1979	1980	1981	1982	1983	. . .2000
Run Number 1										
U.B.C. remains at 80 Calgary proposal is not accepted	80	80	80	80	80	80	80	80	80	. . .
Run Number 2										
U.B.C. increases to 160 in 1980 Calgary proposal is not accepted	80	80	80	120	120	160	160	160	160	. . .
Run Number 3										
U.B.C. increases to 160 Calgary proposal is accepted temporarily 1976-1979 inclusive	80	120	120	160	160	160	160	160	160	. . .
Run Number 4										
U.B.C. increases to 160 in 1980 Calgary proposal is accepted permanently from 1976	80	120	120	160	160	200	200	200	200	. . .

December, 1974

Run Number 1

Projections Based on Present Trends Continuing

U.B.C. Remains at 80; Calgary Proposal is not Accepted

Projected Number of Practitioners per 100,000 Population

Year	General Practitioners*	Surgical Specialists*	Medical Specialists*	Non-Clinical Specialists*	All Practitioners* Vancouver	Capital	Other	Total
1974	77	36	24	6	162	189	115	144
1979	81	31	25	5	151	203	125	144
1984	80	27	25	5	140	204	124	138
1989	77	24	24	5	131	204	118	131
1994	73	22	24	4	124	202	110	124
1999	69	20	23	4	117	202	103	117
2000	68	20	23	4	116	202	101	115

*These data refer to MSC Active Physicians

December, 1974

Run Number 2

Projections Based on Present Trends Continuing

U.B.C. Expands to 160; Calgary Proposal is not Accepted

Projected Number of Practitioners per 100,000 Population

Year	General Practitioners*	Surgical Specialists*	Medical Specialists*	Non-Clinical Specialists*	All Practitioners* Vancouver	Capital	Other	Total
1974	77	36	24	6	162	189	115	144
1979	82	31	25	6	153	204	127	146
1984	83	27	25	5	145	208	127	142
1989	87	25	25	5	145	217	128	143
1994	88	22	24	5	142	224	125	140
1999	87	21	23	5	139	228	120	137
2000	86	20	23	4	138	230	118	136

*These data refer to MSC Active Physicians

December, 1974

Run Number 3

Projections Based on Present Trends Continuing

U.B.C. Expands to 160; Calgary Proposal is Accepted Temp.

Projected Number of Practitioners per 100,000 Population

Year	General Practitioners*	Surgical Specialists*	Medical Specialists*	Non-Clinical Specialists*	All Practitioners* Vancouver	Capital	Other	Total
1974	77	36	24	6	162	189	115	144
1979	82	31	25	6	152	204	126	145
1984	86	27	25	5	149	213	130	146
1989	89	24	25	5	148	217	130	145
1994	89	22	25	5	146	220	126	143
1999	88	20	24	5	142	227	120	138
2000	87	20	24	5	141	229	119	137

*These data refer to MSC Active Physicians

December, 1974

Run Number 4

Projections Based on Present Trends Continuing

U.B.C. Expands to 160; Calgary Proposal is Accepted Perm.

Projected Number of Practitioners per 100,000 Population

Year	General Practitioners*	Surgical Specialists*	Medical Specialists*	Non-Clinical Specialists*	All Practitioners* Vancouver	Capital	Other	Total
1974	77	36	24	6	162	189	115	144
1979	82	31	25	6	151	199	127	145
1984	86	27	25	5	149	210	130	146
1989	94	25	24	5	153	226	133	150
1994	97	22	24	5	153	231	132	149
1999	96	20	23	5	151	237	127	146
2000	96	20	23	5	150	238	126	146

*These data refer to MSC Active Physicians

December, 1974

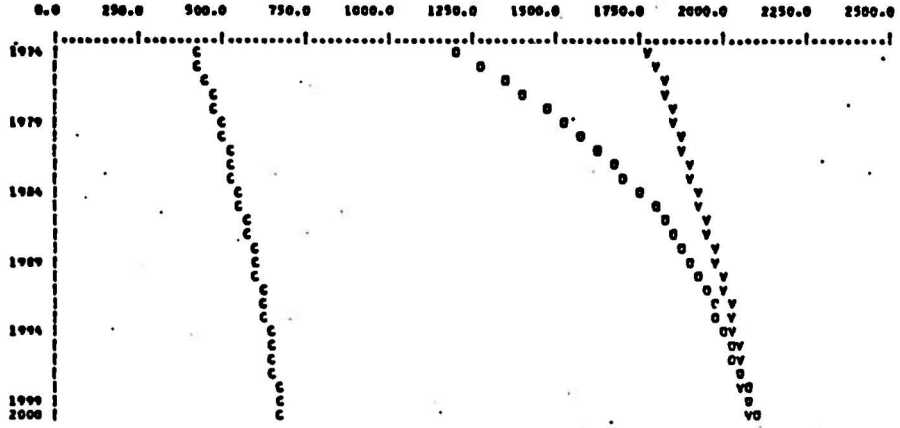
RUN NUMBER 1

PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. REMAINS AT 80 : CALGARY PROPOSAL IS NOT ACCEPTED

TOTAL NUMBER OF PRACTITIONERS

VANCOUVER V: CAPITAL C: OTHER REGIONS O



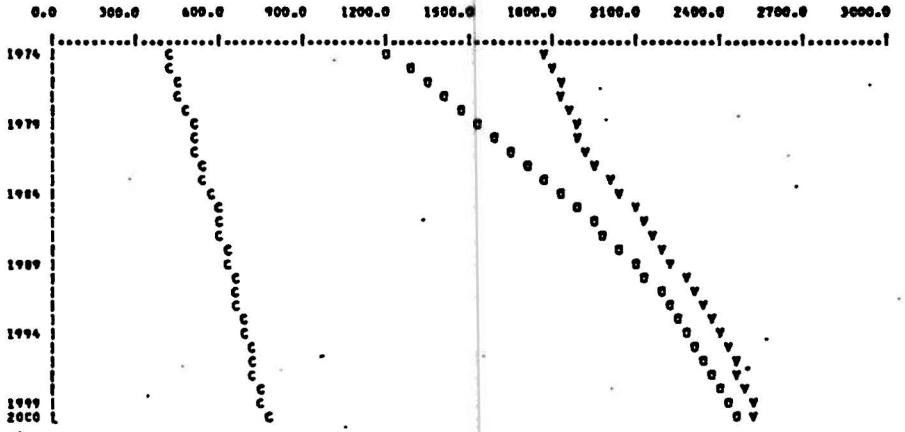
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160: CALGARY PROPOSAL IS ACCEPTED TEMP.

TOTAL NUMBER OF PRACTITIONERS

VANCOUVER V: CAPITAL C: OTHER REGIONS O



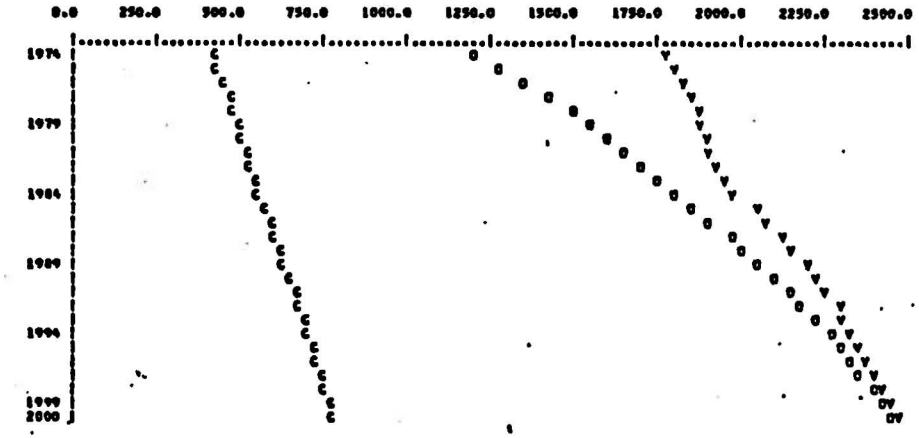
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160: CALGARY PROPOSAL IS NOT ACCEPTED

TOTAL NUMBER OF PRACTITIONERS

VANCOUVER V: CAPITAL C: OTHER REGIONS O



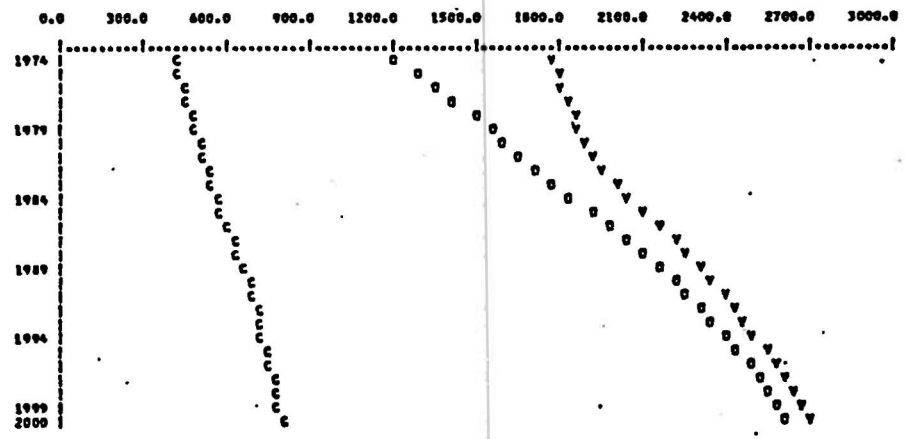
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160: CALGARY PROPOSAL IS ACCEPTED PERM.

TOTAL NUMBER OF PRACTITIONERS

VANCOUVER V: CAPITAL C: OTHER REGIONS O



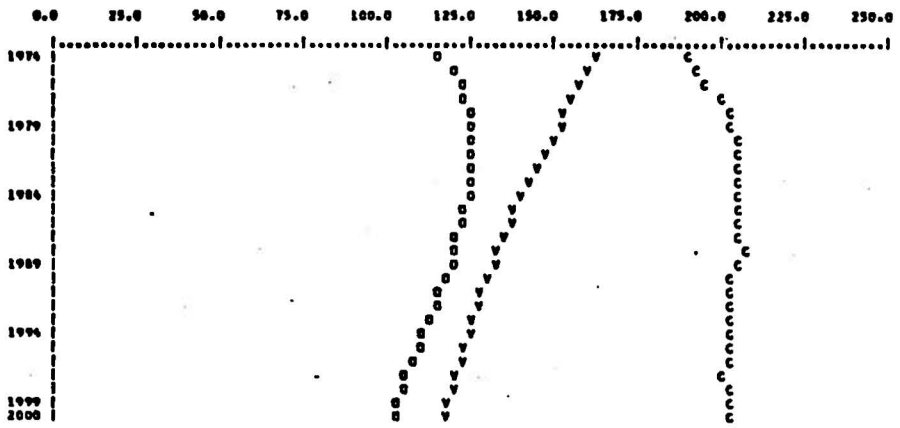
RUN NUMBER 1

PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. REMAINS AT 80 ; CALGARY PROPOSAL IS NOT ACCEPTED

TOTAL NUMBER OF PRACTITIONERS PER 100,000 POP.

VANCOUVER V; CAPITAL C; OTHER REGIONS O

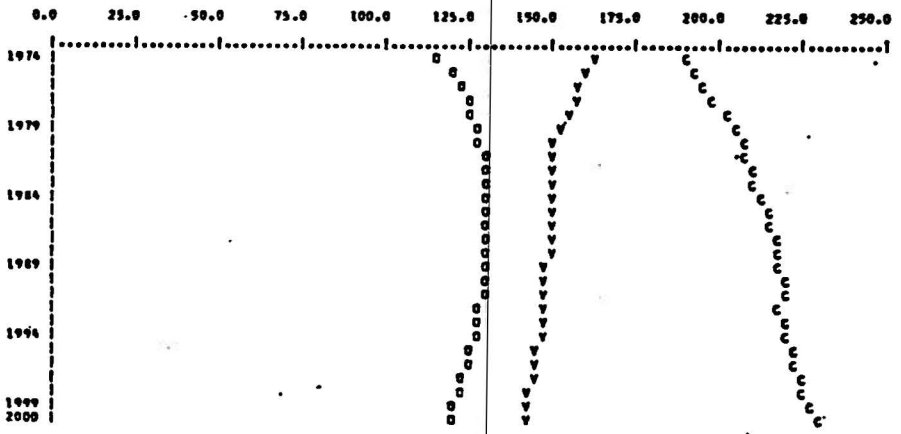


PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160; CALGARY PROPOSAL IS ACCEPTED TEMP.

TOTAL NUMBER OF PRACTITIONERS PER 100,000 POP.

VANCOUVER V; CAPITAL C; OTHER REGIONS O



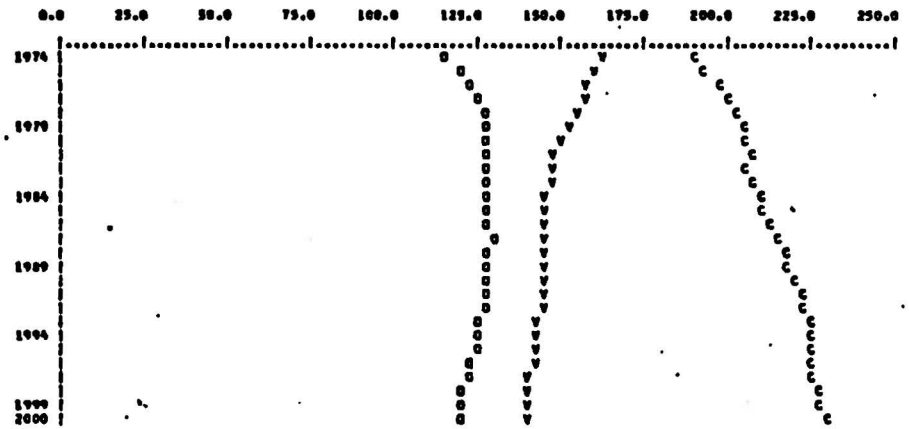
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160; CALGARY PROPOSAL IS NOT ACCEPTED

TOTAL NUMBER OF PRACTITIONERS PER 100,000 POP.

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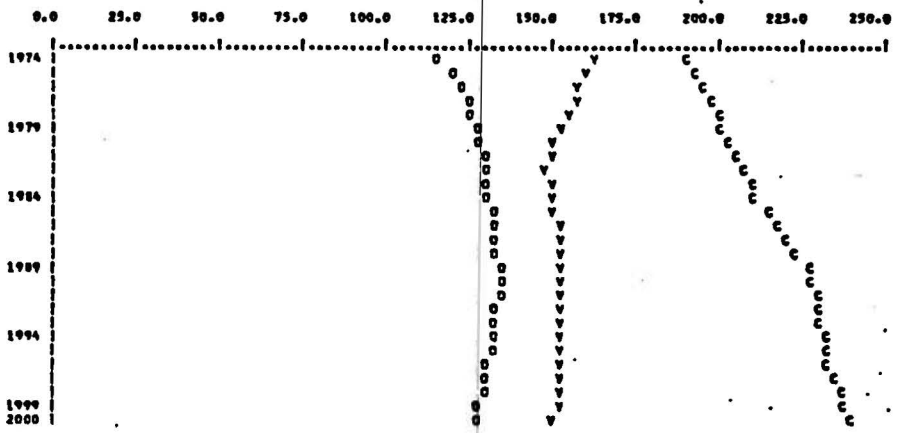
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160; CALGARY PROPOSAL IS ACCEPTED PERM.

TOTAL NUMBER OF PRACTITIONERS PER 100,000 POP.

VANCOUVER V; CAPITAL C; OTHER REGIONS O

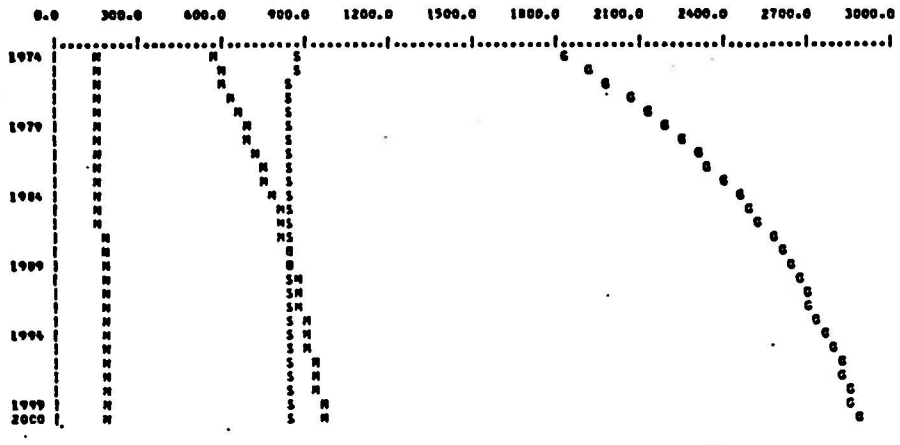


PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. REMAINS AT 80 : CALGARY PROPOSAL IS NOT ACCEPTED

TOTAL PRACTITIONERS BY TYPE OF PRACTICE

GENERAL PRACTITIONERS G: SURGICAL SPECIALISTS S: MEDICAL SPECIALISTS M: NON-CLINICAL SPECIALISTS N



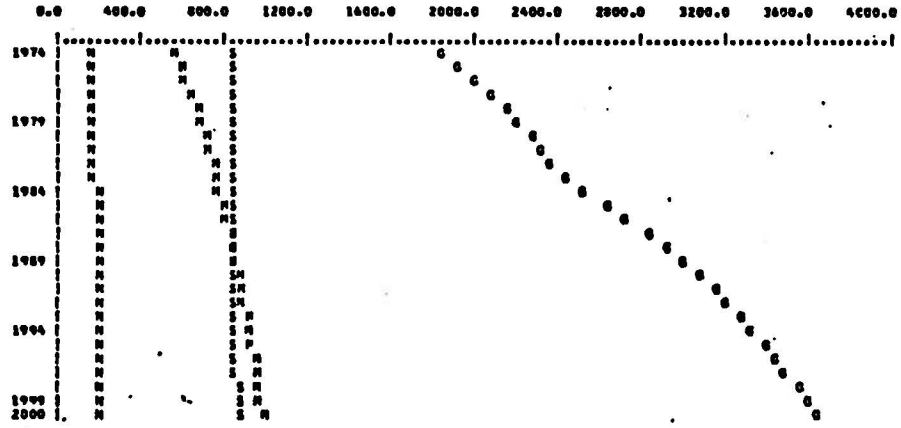
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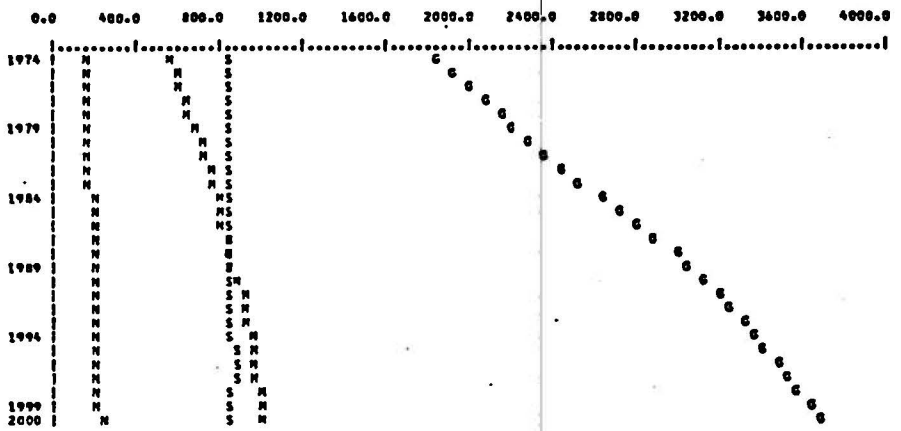
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160: CALGARY PROPOSAL IS ACCEPTED TEMP.

TOTAL PRACTITIONERS BY TYPE OF PRACTICE

GENERAL PRACTITIONERS G: SURGICAL SPECIALISTS S: MEDICAL SPECIALISTS M: NON-CLINICAL SPECIALISTS N



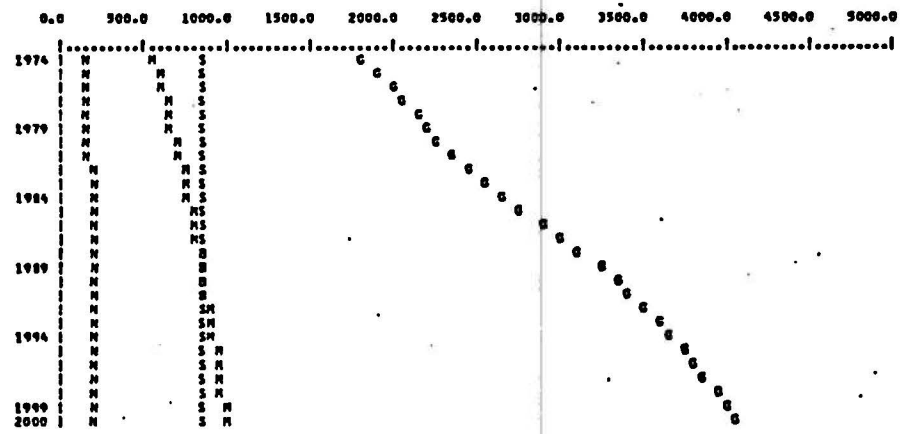
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PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. EXPANDS TO 160: CALGARY PROPOSAL IS ACCEPTED PERM.

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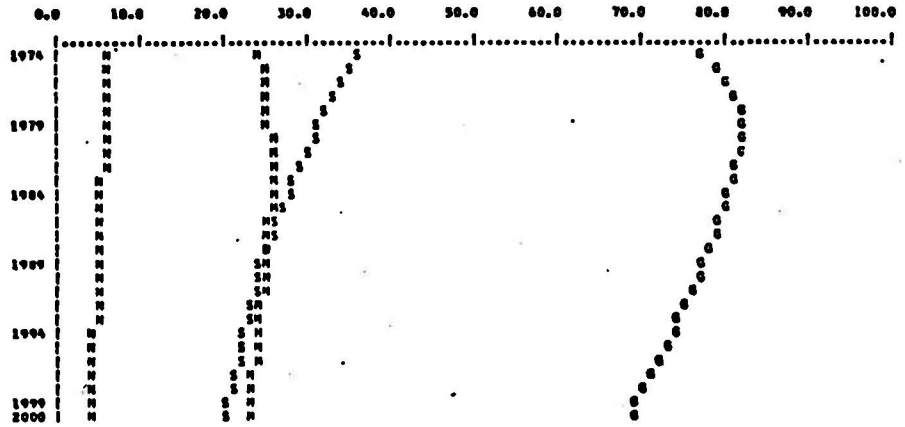
RUN NUMBER 1

PROJECTIONS BASED ON PRESENT TRENDS CONTINUING

U.B.C. REMAINS AT 80 : CALGARY PROPOSAL IS NOT ACCEPTED

TOTAL PRACTITIONERS BY TYPE OF PRACTICE PER 100,000 POP.

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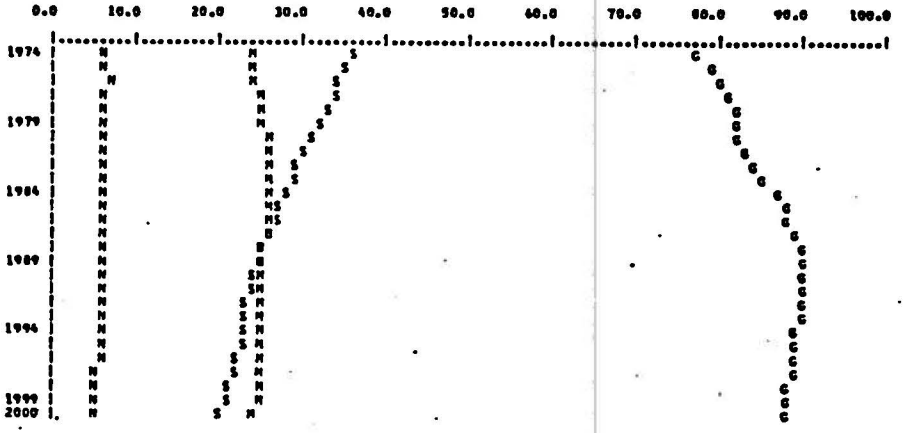
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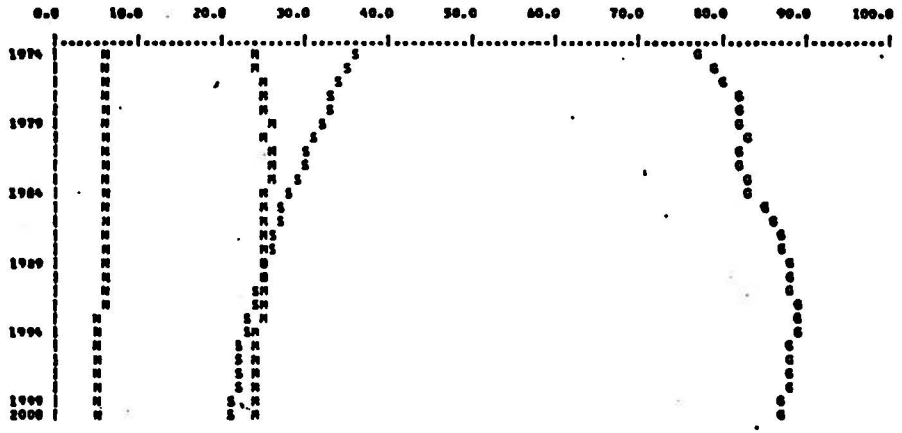
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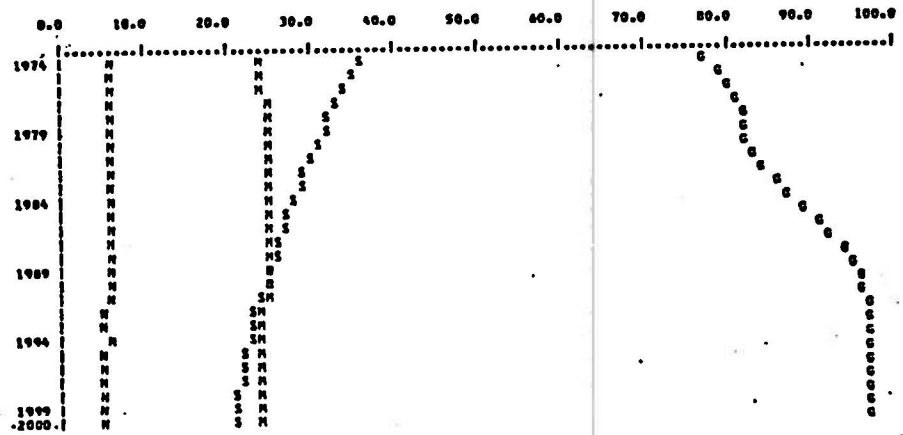
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TOTAL PRACTITIONERS BY TYPE OF PRACTICE PER 100,000 POP.

GENERAL PRACTITIONERS G: SURGICAL SPECIALISTS S: MEDICAL SPECIALISTS M: NON-CLINICAL SPECIALISTS N



Number and Distribution of Directory Active Physicians
in British Columbia as at December 1974
by Region and by Place of Graduation

Place of Graduation	Greater Vancouver		Capital		Other B.C.		Total[1]	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
U.B.C.	442	65	65	10	169	25	676	100
Alberta[2]	202	48	63	15	157	37	422	100
Other Canada	991	59	206	12	485	29	1682	100
Foreign	907	58	182	12	477	30	1566	100
Total	2542	58	516	12	1288	30	4346	100

[1] Percentages may not add due to rounding.
[2] Includes 7 physicians from the University of Calgary.

Prepared by:

Health Manpower Research Unit
University of B.C.

Number of Directory Active Physicians in British Columbia as at December, 1974

- Graduates of University of Alberta -

Year of Graduation	# of Graduates	# Registered in B.C. at December 1974	Percent
1965	57	8	14
1966	57	13	23
1967	74	13	18
1968	78	19	24
1969	90	16	18
1970	96	11	11
1971	101	12	12
1972	98	17	17
1973	103	11	11
1974	108	17	16
TOTAL	862	137	16

Prepared by:
Health Manpower Research Unit
University of B.C.

January 1975

Number of Directory Active Physicians in British Columbia as at December, 1974

- Graduates of University of Calgary -

Year of Graduation	# of Graduates	Year of Registration 1973	1974	Percent
1973	30	-	1	3
1974	48	-	6	13
TOTAL	78		7	9

Prepared by:
Health Manpower Research Unit
University of B.C.

January 1975

Distribution of Immigrant and New Registrant Physicians into British Columbia for the Years 1973 and 1974 by Region and by Place of Graduation[1]

Place of Graduation	Distribution Within B.C.				Distribution Place of Graduation
	Vancouver	Capital	Other B.C.	Total[2]	
U.B.C.	74	9	18	100	15
Alberta[3]	37	23	40	100	10
Other Canada	59	15	26	100	27
Foreign	59	8	33	100	49
Total	59	12	30	100	100

[1] Note: These data are only approximate.
[2] Percentages may not add due to rounding.
[3] Includes 7 from the University of Calgary.

Prepared by:

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University of B.C.

January 1975

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A Note on Emigration to Alberta of Directory Active Physicians

Emigration to Alberta from British Columbia of Directory Active Physicians accounted for 3% of all attrition during that period.

The total attrition rate for that period was about 6%.

January 1975

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Number of Applicants to the University of B.C. Medical School Who were B.C. Residents and Proceeded to a Canadian Medical School

- Fall 1974 -

Calgary	4
McGill	5
McMaster	1
Queens	4
Toronto	3
U.B.C.	72
Total	89

Source: Data provided to Faculty of Medicine, U.B.C. by the Association of Canadian Medical Colleges.

January 1975