Centre for Health Services
and Policy Research

ROLLCALL UPDATE 92

A STATUS REPORT OF SELECTED HEALTH PERSONNEL IN THE PROVINCE OF BRITISH COLUMBIA

HHRU 93:4

April 1993

Health Human Resources Unit
Research Reports

THE UNIVERSITY OF BRITISH COLUMBIA

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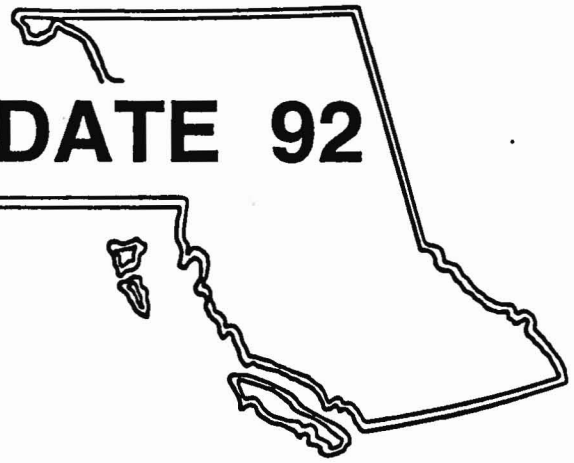

A STATUS REPORT OF SELECTED HEALTH PERSONNEL IN THE PROVINCE OF BRITISH COLUMBIA

HHRU 93:4

Health Human Resources Unit
Centre for Health Services and Policy Research
University of British Columbia
Vancouver, British Columbia V6T 1Z3

April 1993

HEALTH HUMAN RESOURCES UNIT

The Health Human Resources Unit (HHRU) of the Centre for Health Services and Policy Research was established as a demonstration project by the British Columbia Ministry of Health in 1973. Since that time, the Unit has been carried on an ongoing basis within the Ministry's annual operating budget. The Unit undertakes a series of research studies that are relevant to health human resources management and to public policy decisions.

The HHRU's research agenda is determined through extensive discussions of key current issues and available resources with the members of the Health Human Resources Working Group of the Ministry of Health. Various health care provider groups participate indirectly, through on-going formal and informal communication with Ministry of Health officials and with HHRU researchers.

Three types of research activity are variously included on the Unit's research agenda and draw on different skills and research expertise of its faculty and staff. In conjunction with the professional licensing bodies or associations, the HHRU develops and maintains a co-operative health human resources database. The Unit uses these data to produce regular status reports that provide a basis for future in-depth studies and for health human resources planning. The Unit conducts in-depth studies that have a particular policy relevance or assess the impact of specific policy measures, based on secondary analyses of data from the co-operative database or primary data collected through large-scale surveys. The HHRU also conducts specific projects pertaining to the management of health human resources at local, regional, or provincial levels.

Copies of studies and reports produced by the HHRU are available at no charge.

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April 23, 1993

Mr. Tom Vincent
Chairman
Health Human Resources Working Group
Ministry of Health
1515 Blanshard Street
Victoria, B.C. V8W 3C8

Dear Mr. Vincent:

It is with pleasure that I transmit to you and to the members of the Health Human Resources Working Group, ROLLCALL UPDATE 92, the seventh edition of our ROLLCALL UPDATE series which appear in "non-ROLLCALL" years. This edition contains information about fourteen health personnel groups, two more than in UPDATE 90. Emergency Medical Assistants and Dietitians and Nutritionists, which previously were only included in ROLLCALL years, have been added mainly because of the availability of accurate and comprehensive registration or membership data. An attempt has also been made this year to standardize the presentation of data for each of the groups that are included. This has resulted in changes in the order in which some tables appear, and the inclusion of a number of new tables and changes in the presentation of data for some groups. We trust that this has made UPDATE 92 more logical and informative.

The health human resources data for ROLLCALL UPDATE 92 were provided by the professional bodies concerned, as their contribution to the co-operative database of the Health Human Resources Unit. Only those groups which can supply computer-based registration or membership data are included in this report.

As in past years, all of that staff of the HHRU have been involved in the preparation of this document. However, Kerry Kerluke was instrumental in standardizing the presentation of tabular data for all groups.

We look forward to receiving comments and suggestions from the members of the Working Group as well as from other readers.

Sincerely yours,

Arminée Kazanjian, Dr. Soc.
Associate Director

A Research Unit Funded by the Ministry of Health, British Columbia

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FOREWORD

The following tables and definitions comprise an interim report concerning the status of selected health disciplines for the interim year (1992) between the Health Human Resources Unit's (HHRU) regular biennial publications of *ROLLCALL - A Status Report of Health Personnel in the Province of British Columbia.*

All of the data described in *ROLLCALL UPDATE 92* are computer-based and are managed by the colleges, professional associations, or registering bodies of each personnel group. With the recent move to decentralize the province's health care system, this is the last report in the *ROLLCALL* or *ROLLCALL UPDATE* series that will be presented by Regional Hospital District (RHD). Future editions of these publications will present data based on the province's health regions. However, supplementary breakdowns of the data provided in UPDATE 92 by local health area (LHA) and by HHRU region[1] are available on request.

Personnel-to-population ratios and rates of change for personnel-to-population ratios[2] are calculated for each group and are reported by Regional Hospital District. In addition, personnel-to-population ratios for each RHD are plotted by computer on maps of British Columbia. The maps, which precede the tables for each health group, do not replace the tables but permit the reader to gain a rapid visual impression of the human resources distribution in the province.

The name and reference number of each RHD are provided in Appendix A. Also provided in the appendix are a map of the province's health regions and a conversion table that lists these regions by their component LHAs and RHDs.

Population estimates are provided in Appendix B. The 1991 and 1992 figures are from the Population Sector, Planning and Statistics Division, Ministry of Finance and Corporate Relations, Victoria, B.C. Each edition in the *ROLLCALL* series uses the most recent population estimates available at the time. Because the population estimates supplied by the Planning and Statistics Division were revised since the publication of *ROLLCALL 91*, the 1991 population ratios shown throughout this report differ from the corresponding figures for 1991 which appeared in that document.

The next regular report, *ROLLCALL 93*, will be available early in 1994. That publication will contain information on a much larger number of health human resources groups for which the data are held in the co-operative database maintained by the Health Human Resources Unit, located within the Centre for Health Services and Policy Research.

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[1] Thirty Regional Hospital Districts have been amalgamated into nine Health Human Resources Unit regions.

[2] Rate of Change in the Number of Personnel:

$$[(\text{Personnel } 1992/\text{Personnel } 1991)^{12/n} - 1] \times 100,$$

where n=number of months separating the two sets of data.

Rate of change (in percent) in the number of personnel relative to the change in population:

$$[((\text{Personnel } 1992/\text{Personnel } 1991) \times (\text{Population } 1991/\text{Population } 1992))^{12/n} - 1] \times 100,$$

where n=number of months separating the two sets of data.

I. DENTAL SERVICES

CERTIFIED DENTAL ASSISTANTS

CERTIFIED DENTAL ASSISTANTS

Definition: A certified dental assistant (dental auxiliary - level II)

may be delegated the following duties and procedures under the personal supervision of a duly licensed member of the College of Dental Surgeons of British Columbia:

(a) those duties or procedures which a dental assistant (dental auxiliary - level I) may perform;[1]
(b) polishing clinical crowns of teeth with rubber cup or brush and polishing pastes;
(c) applying topical anticariogenic agents;
(d) taking study model impressions;
(e) applying fissure sealants;
(f) evaluating dietary habits and providing nutritional counselling as it pertains to dentistry;
(g) providing instruction in the use and maintenance of partial and complete dentures and other appliances;
(h) removing sutures;
(i) placing and removing matrices and wedges;
(j) performing first aid procedures;
(k) applying desensitizing agents;
(l) removing periodontal dressings;
(m) performing pulp vitality tests using electric pulp tester and thermal pulp tester;
(n) taking simple face-bow transfer;
(o) acid etching prepared cavities;
(p) applying non-invasive identification discs.[2]

On successful completion of the specific orthodontic training module concerned, a certified dental assistant may also be delegated the following duties and procedures under the personal supervision of a licensed member:

(a) instructing in the placement and care of removable orthodontic appliances;
(b) tying-in arch wires that a dentist has fitted;
(c) removing orthodontic arch wire;
(d) removing excess cement or bonding material by means of hand instruments or ultrasonic hand instruments following banding/bonding and debanding/debonding procedures;
(e) fitting orthodontic bands prior to assessment by a member;
(f) taking impressions for the fabrication of orthodontic appliances;
(g) fitting space maintainers prior to assessment by a member;
(h) removing orthodontic bands and bonded attachments by means of hand instruments;
(i) preparing teeth for direct bonding of attachments;
(j) applying wax or other material to offending components or removing offending components;
(k) placing and removing orthodontic separators; and
(l) fitting headgear prior to assessment by a member.[3]

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1 *Regulations of The College of Dental Surgeons of British Columbia*, Auxiliary Bodies, revised June 1988, Article 10.16.

2 Ibid., Article 10.17. See also *Canadian Classification and Dictionary of Occupations 1980*. Major Group 31, No. 3157- 114, p. 63, Ottawa: Employment and Immigration Canada.

3 *Regulations*, op. cit., Article 10.19.

Enabling Statute: Dentists Act, Revised Statutes of British Columbia, 1979, Chapter 92, administered by the Ministry of Health.

Governing Body: The College of Dental Surgeons of British Columbia (CDSBC). In order to practise as a certified dental assistant in British Columbia, it is necessary to be registered by the CDSBC and to hold a valid licence.

Date of Record: December 1991 and December 1992.

Source of Data: The College of Dental Surgeons of British Columbia (CDSBC).

Preparation and Updating:

The tables, prepared from registration data maintained by the CDSBC, include certified dental assistants who were British Columbia residents at the date of record. Because their addresses were unknown at the date of record, 91 CDAs who were registered by the CDSBC as of December 1992 appear in the tables based on March 1993 addresses.

1. Certified Dental Assistants

Table 1 reports the number of certified dental assistants, the number of certified dental assistants per 10,000 population in British Columbia, and the annual rate of change in these figures.

2. Age and Sex

Age and sex information on certified dental assistants, derived from CDSBC registration information, is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Analysis of Change

Table 3 illustrates the sources of change which affected the stock of certified dental assistants from 1991 to 1992.

New registrants are certified dental assistants included in the December 1992 stock who registered with the CDSBC *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation: i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent certified dental assistants who were not licensed in British Columbia in December 1991, but were licensed in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are licensed certified dental assistants who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes certified dental assistants who were included in the December 1991 stock but who, because of death, retirement, suspension, out-of-province relocation or non-renewal of licensure, were not included in the December 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of certified dental assistants between different Regional Hospital Districts. The net migration total is therefore zero.

Certified Dental Assistants per 10,000 Population by Regional Hospital District December 1992 N=3979

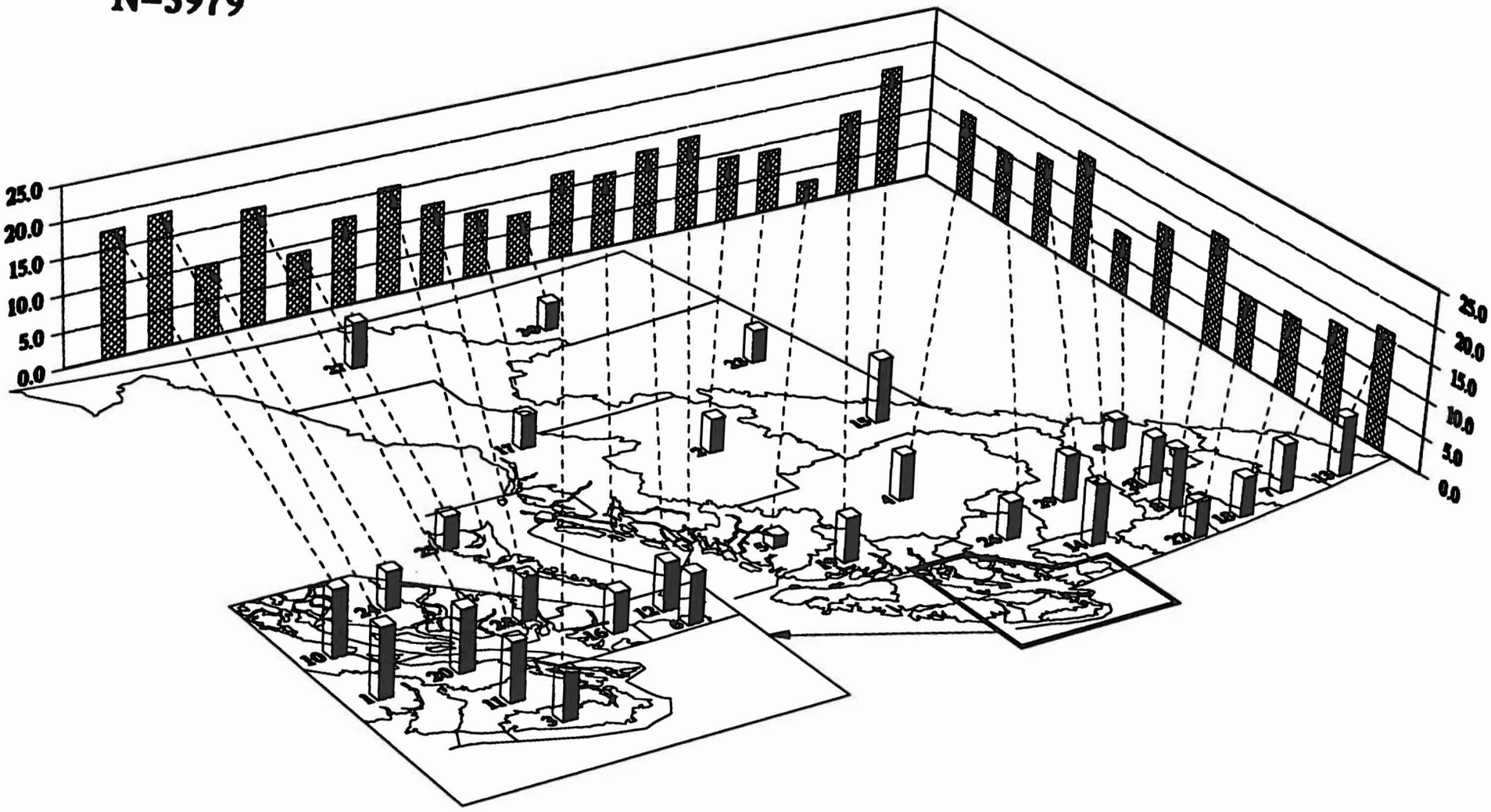

Table 1

Certified Dental Assistants in British Columbia

by Regional Hospital District

December 1991[1] and December 1992

Regional Hospital District	Number		Number per 10,000 Population		Annual Rate of Change[3]	
	1991	1992[2]	1991	1992	Number	Ratio
Non-Metropolitan - Subtotal	**1,837**	**1,944**	**13.13**	**13.55**	**5.82**	**3.22**
1 Alberni-Clayoquot	60	55	19.86	18.42	-8.33	-7.25
2 Bulkley-Nechako	30	35	8.01	9.26	16.67	15.59
4 Cariboo	70	73	11.99	12.40	4.29	3.40
5 Central Coast	1	1	3.18	3.17	*	*
6 Central Fraser Valley	100	119	11.83	13.39	19.00	13.12
7 Central Kootenay	66	69	12.94	13.25	4.55	2.41
8 Central Okanagan	172	183	15.75	15.93	6.40	1.13
9 Columbia-Shuswap	41	35	9.92	8.36	-14.63	-15.74
10 Comox-Strathcona	128	147	15.69	17.54	14.84	11.78
11 Cowichan Valley	89	95	14.98	15.51	6.74	3.50
12 Dewdney-Alouette	108	119	12.11	12.85	10.19	6.11
13 East Kootenay	77	77	15.91	16.08	0.00	1.08
14 Fraser-Cheam	108	116	15.68	16.29	7.41	3.91
15 Fraser-Fort George	142	150	16.50	17.27	5.63	4.63
17 Kitimat-Stikine	39	37	9.87	9.27	-5.13	-6.15
18 Kootenay Boundary	32	34	10.32	10.80	6.25	4.72
19 Mount Waddington	13	16	9.54	11.86	23.08	24.37
20 Nanaimo	167	167	17.15	16.49	0.00	-3.84
21 North Okanagan	78	79	13.04	12.83	1.28	-1.65
22 Okanagan-Similkameen	62	68	9.34	9.86	9.68	5.60
23 Peace River	40	47	7.77	8.93	17.50	14.92
24 Powell River	20	19	10.69	10.02	-5.00	-6.30
25 Skeena-Queen Charlotte	21	21	9.03	8.95	0.00	-0.91
26 Squamish-Lillooet	25	23	11.35	10.25	-8.00	-9.72
27 Stikine	2	2	12.45	12.48	*	*
28 Sunshine Coast	21	24	10.47	11.79	14.29	12.63
29 Thompson-Nicola	118	129	11.75	12.68	9.32	7.90
30 Fort Nelson/Liard	7	4	13.92	7.56	*	*
Metropolitan - Subtotal	**2,008**	**2,035**	**11.07**	**10.95**	**1.34**	**-1.07**
3 Capital	379	369	12.72	12.12	-2.64	-4.73
16 Greater Vancouver	1,629	1,666	10.74	10.72	2.27	-0.22
TOTAL	**3,845**	**3,979**	**11.97**	**12.08**	**3.49**	**0.98**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 certified dental assistants. Also, see Foreword.

[2] Excludes 17 certified dental assistants with unknown address.

[3] Rate of change (in percent) in the number and in the number per 10,000 population.

* Indicates that the base for the rate of change is less than 10.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 2

Certified Dental Assistants in British Columbia
by Regional Hospital District by Age[1]
December 1992

Regional Hospital District	< 25	25-34	35-44	45-54	55-64	Subtotal	Unknown	Total
Non-Metropolitan - Subtotal	**281**	**622**	**191**	**18**	**2**	**1,114**	**830**	**1,944**
1 Alberni-Clayoquot	8	14	4	0	1	27	28	55
2 Bulkley-Nechako	4	7	3	0	0	14	21	35
4 Cariboo	11	32	5	1	0	49	24	73
5 Central Coast	0	0	0	0	0	0	1	1
6 Central Fraser Valley	23	39	10	0	0	72	47	119
7 Central Kootenay	14	20	1	0	0	35	34	69
8 Central Okanagan	33	63	29	1	0	126	57	183
9 Columbia-Shuswap	5	10	3	2	0	20	15	35
10 Comox-Strathcona	16	47	14	0	0	77	70	147
11 Cowichan Valley	9	25	8	1	0	43	52	95
12 Dewdney-Alouette	13	44	10	1	0	68	51	119
13 East Kootenay	14	34	6	1	0	55	22	77
14 Fraser-Cheam	21	45	15	1	0	82	34	116
15 Fraser-Fort George	23	39	13	1	0	76	74	150
17 Kitimat-Stikine	2	7	8	1	0	18	19	37
18 Kootenay Boundary	5	9	8	0	0	22	12	34
19 Mount Waddington	3	2	2	0	0	7	9	16
20 Nanaimo	20	56	17	2	1	96	71	167
21 North Okanagan	7	23	9	2	0	41	38	79
22 Okanagan-Similkameen	14	15	5	0	0	34	34	68
23 Peace River	10	15	4	0	0	29	18	47
24 Powell River	1	4	1	0	0	6	13	19
25 Skeena-Queen Charlotte	0	8	2	1	0	11	10	21
26 Squamish-Lillooet	1	7	1	0	0	9	14	23
27 Stikine	0	0	0	1	0	1	1	2
28 Sunshine Coast	0	7	4	1	0	12	12	24
29 Thompson-Nicola	22	48	9	1	0	80	49	129
30 Fort Nelson/Liard	2	2	0	0	0	4	0	4
Metropolitan - Subtotal	**283**	**694**	**147**	**24**	**0**	**1,148**	**887**	**2,035**
3 Capital	61	134	25	5	0	225	144	369
16 Greater Vancouver	222	560	122	19	0	923	743	1,666
TOTAL	**564**	**1,316**	**338**	**42**	**2**	**2,262**	**1,717**	**3,979**

[1] At the date of record, registration included 3958 females, 9 males and 12 certified dental assistants with no gender information.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3

Analysis of Change in the Number of Certified Dental Assistants in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation				Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
		B.C.	Other Canada	Other Country	Subtotal				
Non-Metropolitan - Subtotal	**1,837**	**127**	**7**	**6**	**140**	**74**	**141**	**34**	**1,944**
1 Alberni-Clayoquot	60	1	0	0	1	0	3	-3	55
2 Bulkley-Nechako	30	3	0	0	3	1	1	2	35
4 Cariboo	70	5	1	0	6	1	7	3	73
5 Central Coast	1	0	0	0	0	0	0	0	1
6 Central Fraser Valley	100	11	1	0	12	10	3	0	119
7 Central Kootenay	66	3	0	0	3	3	5	2	69
8 Central Okanagan	172	18	2	0	20	8	16	-1	183
9 Columbia-Shuswap	41	1	0	0	1	1	3	-5	35
10 Comox-Strathcona	128	7	0	0	7	9	7	10	147
11 Cowichan Valley	89	6	0	0	6	2	8	6	95
12 Dewdney-Alouette	108	5	0	3	8	5	8	6	119
13 East Kootenay	77	1	0	0	1	6	12	5	77
14 Fraser-Cheam	108	11	0	0	11	1	12	8	116
15 Fraser-Fort George	142	12	0	0	12	8	9	-3	150
17 Kitimat-Stikine	39	1	0	0	1	1	2	-2	37
18 Kootenay Boundary	32	1	1	1	3	1	2	0	34
19 Mount Waddington	13	3	0	0	3	0	1	1	16
20 Nanaimo	167	8	0	0	8	7	18	3	167
21 North Okanagan	78	4	0	1	5	1	4	-1	79
22 Okanagan-Similkameen	62	10	0	0	10	3	5	-2	68
23 Peace River	40	4	1	0	5	1	2	3	47
24 Powell River	20	0	0	0	0	0	1	0	19
25 Skeena-Queen Charlotte	21	0	0	0	0	0	1	1	21
26 Squamish-Lillooet	25	1	0	0	1	0	0	-3	23
27 Stikine	2	0	0	0	0	0	0	0	2
28 Sunshine Coast	21	0	0	0	0	2	2	3	24
29 Thompson-Nicola	118	11	1	0	12	3	8	4	129
30 Fort Nelson/Liard	7	0	0	1	1	0	1	-3	4
Metropolitan - Subtotal	**2,008**	**120**	**5**	**13**	**138**	**72**	**149**	**-34**	**2,035**
3 Capital	379	26	1	1	28	8	35	-11	369
16 Greater Vancouver	1,629	94	4	12	110	64	114	-23	1,666
TOTAL	**3,845**	**247**	**12**	**19**	**278**	**146**	**290**	**0**	**3,979**

[1] Certified dental assistants who reported B.C. addresses and were registered in December 1992 and whose date of initial registration was after December 1991.
[2] Certified dental assistants who reported B.C. addresses and were registered in December 1992 but not in December 1991 and who were registered for the first time before December 1991.
[3] Certified dental assistants who reported B.C. addresses and were registered in December 1991 but not in December 1992.

Prepared by:
Health Human Resources Unit
The University of British Columbia

DENTAL HYGIENISTS

DENTAL HYGIENISTS

Definition: A dental hygienist (dental auxiliary - level III)

... in addition to those duties and procedures which a certified dental assistant (dental auxiliary - level II) may perform[1], may be delegated the following duties and procedures under the direction of a duly licensed member of the College of Dental Surgeons of British Columbia:

(a) examining the head and neck as it pertains to dentistry;
(b) examining the intra-oral structures;
(c) placing and removing temporary restorations;
(d) applying periodontal dressings;
(e) removing supra and subgingival calculus;
(f) root planing;
(g) recontouring existing restorations;
(h) desensitizing hypersensitive teeth;
(i) administering local anaesthetics but only after the completion of approved training to the satisfaction of the general examination committee, and only while a duly licensed member is present and immediately available in the office.[2]

Enabling Statute: Dentists Act, Revised Statutes of British Columbia, 1979, Chapter 92; Health Statutes Amendment Act, 1990, Chapter 51, Sections 4-5; administered by the Ministry of Health.

Governing Body: The College of Dental Surgeons of British Columbia (CDSBC). In order to practise as a dental hygienist in British Columbia, it is necessary to be registered by the CDSBC and to hold a valid licence or permit.

Date of Record: December 1991 and December 1992.

Source of Data: The College of Dental Surgeons of British Columbia (CDSBC).

Preparation and Updating:

The tables were prepared from registration data maintained by the CDSBC. They include dental hygienists who were British Columbia residents at the date of record.

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[1] *Regulations of The College of Dental Surgeons of British Columbia*, Auxiliary Bodies, revised June 1988, Articles 10.16, 10.17 and 10.19.

[2] Ibid., Article 10.20.

See also *Canadian Classification and Dictionary of Occupations 1980*. Major Group 31, No. 3157- 110, p. 63, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Dental Hygienists

Tables 1a and 1b report the number and number per 10,000 population of dental hygienists who are licensed to practice or who have permits to practice as dental hygienists in British Columbia. Table 1c reports the annual rate of change in these figures. The On Permit category in the tables includes dental public health hygienists and conditionally registered hygienists who are qualified to practice as dental hygienists, except that they are not authorized to administer local anaesthesia.

2. Age and Sex

Age and sex information on dental hygienists is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Analysis of Change

Table 3 illustrates the sources of change which affected the stock of dental hygienists from 1991 to 1992.

New registrants are dental hygienists included in the December 1992 stock who registered with the CDSBC *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation: i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent dental hygienists who were not licensed or on-permit in British Columbia in December 1991, but were licensed or on-permit in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are licensed or on-permit dental hygienists who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes dental hygienists who were included in the December 1991 stock but who, because of death, retirement, suspension, out-of-province relocation or non-renewal of licensure or permit, were not included in the December 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of dental hygienists between different Regional Hospital Districts. The net migration total is therefore zero.

Dental Hygienists per 10,000 Population by Regional Hospital District December 1992 N=1111

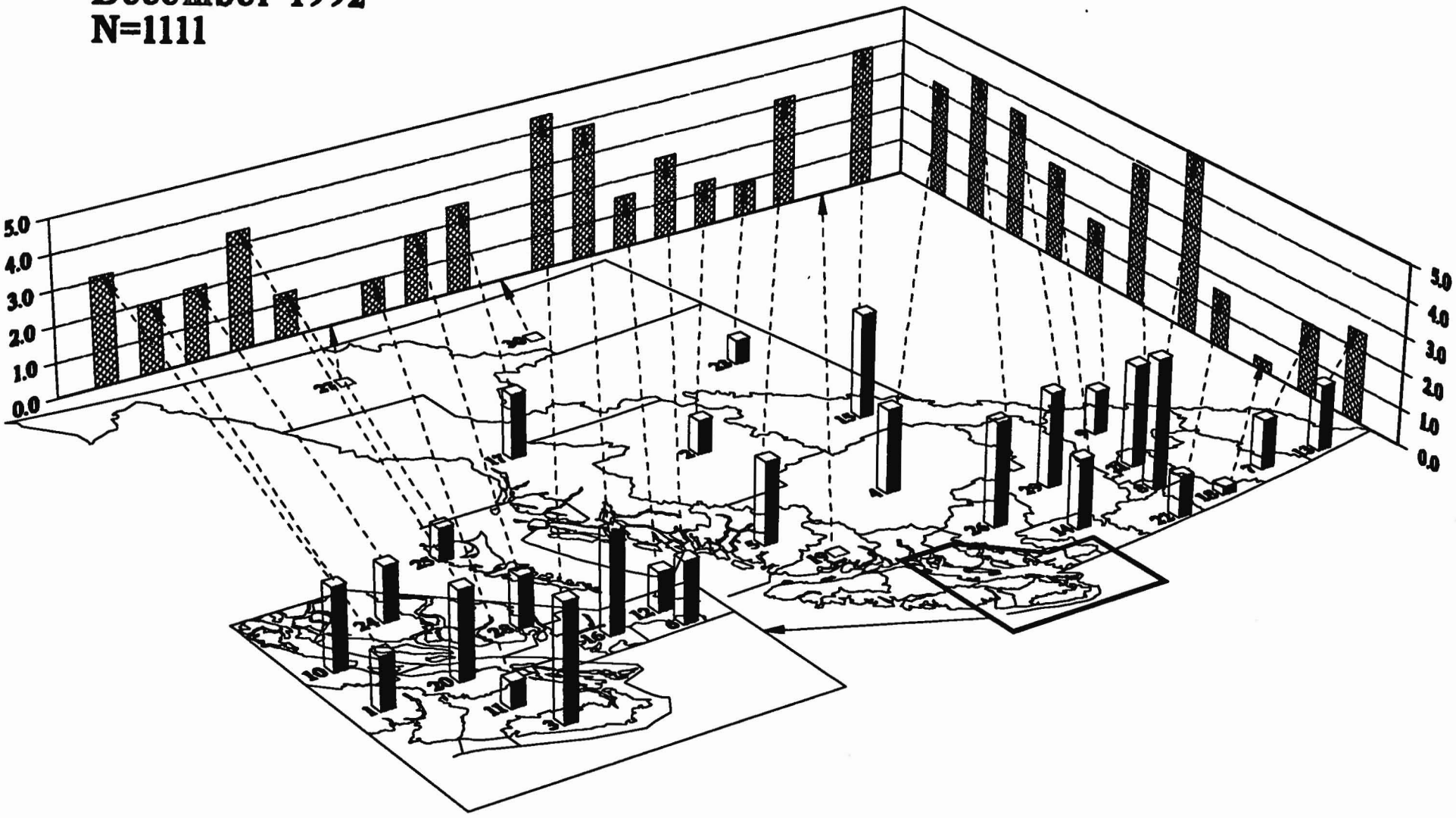

Table 1a

Dental Hygienists in British Columbia
by Regional Hospital District by Registration Category
December 1991 and December 1992[1]

Regional Hospital District	Licensed		On Permit		Total	
	1991[2]	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**312**	**358**	**20**	**22**	**332**	**380**
1 Alberni-Clayoquot	4	6	0	0	4	6
2 Bulkley-Nechako	5	5	0	0	5	5
4 Cariboo	14	18	1	1	15	19
5 Central Coast	1	1	0	0	1	1
6 Central Fraser Valley	17	19	1	2	18	21
7 Central Kootenay	8	10	0	0	8	10
8 Central Okanagan	47	54	2	3	49	57
9 Columbia-Shuswap	7	7	0	0	7	7
10 Comox-Strathcona	21	24	1	2	22	26
11 Cowichan Valley	7	6	0	0	7	6
12 Dewdney-Alouette	11	14	3	0	14	14
13 East Kootenay	10	12	2	0	12	12
14 Fraser-Cheam	11	16	2	3	13	19
15 Fraser-Fort George	29	35	0	0	29	35
17 Kitimat-Stikine	7	9	1	1	8	10
18 Kootenay Boundary	1	1	0	0	1	1
19 Mount Waddington	0	0	0	0	0	0
20 Nanaimo	32	32	2	2	34	34
21 North Okanagan	16	21	3	3	19	24
22 Okanagan-Similkameen	8	9	1	2	9	11
23 Peace River	6	5	0	0	6	5
24 Powell River	4	4	0	0	4	4
25 Skeena-Queen Charlotte	3	3	1	0	4	3
26 Squamish-Lillooet	7	7	0	2	7	9
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	4	4	0	0	4	4
29 Thompson-Nicola	32	36	0	1	32	37
30 Fort Nelson/Liard	0	0	0	0	0	0
Metropolitan - Subtotal	**596**	**671**	**57**	**60**	**653**	**731**
3 Capital	103	129	13	6	116	135
16 Greater Vancouver	493	542	44	54	537	596
TOTAL	**908**	**1,029**	**77**	**82**	**985**	**1,111**

[1] Excludes 3 dental hygienists with unknown address.

[2] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 hygienists.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1b

Dental Hygienists in British Columbia

per 10,000 Population by Regional Hospital District by Registration Category

December 1991 and December 1992

Regional Hospital District	Licensed		On Permit		Total	
	1991[1]	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**2.23**	**2.50**	**0.14**	**0.15**	**2.37**	**2.65**
1 Alberni-Clayoquot	1.32	2.01	0.00	0.00	1.32	2.01
2 Bulkley-Nechako	1.34	1.32	0.00	0.00	1.34	1.32
4 Cariboo	2.40	3.06	0.17	0.17	2.57	3.23
5 Central Coast	3.18	3.17	0.00	0.00	3.18	3.17
6 Central Fraser Valley	2.01	2.14	0.12	0.22	2.13	2.36
7 Central Kootenay	1.57	1.92	0.00	0.00	1.57	1.92
8 Central Okanagan	4.30	4.70	0.18	0.26	4.49	4.96
9 Columbia-Shuswap	1.69	1.67	0.00	0.00	1.69	1.67
10 Comox-Strathcona	2.57	2.86	0.12	0.24	2.70	3.10
11 Cowichan Valley	1.18	0.98	0.00	0.00	1.18	0.98
12 Dewdney-Alouette	1.23	1.51	0.34	0.00	1.57	1.51
13 East Kootenay	2.07	2.51	0.41	0.00	2.48	2.51
14 Fraser-Cheam	1.60	2.25	0.29	0.42	1.89	2.67
15 Fraser-Fort George	3.37	4.03	0.00	0.00	3.37	4.03
17 Kitimat-Stikine	1.77	2.25	0.25	0.25	2.03	2.50
18 Kootenay Boundary	0.32	0.32	0.00	0.00	0.32	0.32
19 Mount Waddington	0.00	0.00	0.00	0.00	0.00	0.00
20 Nanaimo	3.29	3.16	0.21	0.20	3.49	3.36
21 North Okanagan	2.68	3.41	0.50	0.49	3.18	3.90
22 Okanagan-Similkameen	1.20	1.30	0.15	0.29	1.36	1.59
23 Peace River	1.17	0.95	0.00	0.00	1.17	0.95
24 Powell River	2.14	2.11	0.00	0.00	2.14	2.11
25 Skeena-Queen Charlotte	1.29	1.28	0.43	0.00	1.72	1.28
26 Squamish-Lillooet	3.18	3.12	0.00	0.89	3.18	4.01
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	1.99	1.97	0.00	0.00	1.99	1.97
29 Thompson-Nicola	3.19	3.54	0.00	0.10	3.19	3.64
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00
Metropolitan - Subtotal	**3.29**	**3.61**	**0.31**	**0.32**	**3.60**	**3.93**
3 Capital	3.46	4.24	0.44	0.20	3.89	4.43
16 Greater Vancouver	3.25	3.49	0.29	0.35	3.54	3.84
TOTAL	**2.83**	**3.13**	**0.24**	**0.25**	**3.07**	**3.37**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change: Dental Hygienists in British Columbia

by Regional Hospital District by Registration Category

December 1991 to December 1992

Regional Hospital District	Licensed		On Permit		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**14.74**	**11.92**	**10.00**	**7.30**	**14.46**	**11.65**
1 Alberni-Clayoquot	*	*	*	*	*	*
2 Bulkley-Nechako	*	*	*	*	*	*
4 Cariboo	28.57	27.48	*	*	26.67	25.59
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	11.76	6.24	*	*	16.67	10.90
7 Central Kootenay	*	*	*	*	*	*
8 Central Okanagan	14.89	9.21	*	*	16.33	10.57
9 Columbia-Shuswap	*	*	*	*	*	*
10 Comox-Strathcona	14.29	11.24	*	*	18.18	15.03
11 Cowichan Valley	*	*	*	*	*	*
12 Dewdney-Alouette	27.27	22.57	*	*	0.00	-3.70
13 East Kootenay	20.00	21.30	*	*	0.00	1.08
14 Fraser-Cheam	45.45	40.72	*	*	46.15	41.39
15 Fraser-Fort George	20.69	19.55	*	*	20.69	19.55
17 Kitimat-Stikine	*	*	*	*	*	*
18 Kootenay Boundary	*	*	*	*	*	*
19 Mount Waddington	*	*	*	*	*	*
20 Nanaimo	0.00	-3.84	*	*	0.00	-3.84
21 North Okanagan	31.25	27.45	*	*	26.32	22.66
22 Okanagan-Similkameen	*	*	*	*	*	*
23 Peace River	*	*	*	*	*	*
24 Powell River	*	*	*	*	*	*
25 Skeena-Queen Charlotte	*	*	*	*	*	*
26 Squamish-Lillooet	*	*	*	*	*	*
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	*	*	*	*	*	*
29 Thompson-Nicola	12.50	11.03	*	*	15.63	14.12
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	**12.58**	**9.90**	**5.26**	**2.75**	**11.94**	**9.27**
3 Capital	25.24	22.56	-53.85	-54.84	16.38	13.88
16 Greater Vancouver	9.94	7.26	22.73	19.74	10.99	8.29
TOTAL	**13.33**	**10.59**	**6.49**	**3.92**	**12.79**	**10.07**

[1] Rate of change (in percent) in the number.

[2] Rate of change (in percent) in the number per 10,000 population.

* Indicates that the base for the rate of change is less than 10.

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Health Human Resources Unit
The University of British Columbia

Table 2

Dental Hygienists in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	**1**	**28**	**6**	**149**	**2**	**67**	**1**	**10**	**0**	**0**	**0**	**0**	**10**	**254**	**116**	**380**
1 Alberni-Clayoquot	0	1	0	1	0	1	0	0	0	0	0	0	0	3	3	6
2 Bulkley-Nechako	0	1	0	2	0	0	0	0	0	0	0	0	0	3	2	5
4 Cariboo	0	2	0	11	0	0	0	0	0	0	0	0	0	13	6	19
5 Central Coast	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
6 Central Fraser Valley	0	2	1	9	0	1	0	0	0	0	0	0	1	12	8	21
7 Central Kootenay	0	1	0	2	0	2	0	0	0	0	0	0	0	5	5	10
8 Central Okanagan	0	3	1	19	1	10	1	4	0	0	0	0	3	36	18	57
9 Columbia-Shuswap	0	0	0	2	1	0	0	0	0	0	0	0	1	2	4	7
10 Comox-Strathcona	0	1	0	13	0	8	0	0	0	0	0	0	0	22	4	26
11 Cowichan Valley	0	0	0	2	0	0	0	0	0	0	0	0	0	2	4	6
12 Dewdney-Alouette	0	0	0	5	0	5	0	0	0	0	0	0	0	10	4	14
13 East Kootenay	0	2	0	4	0	3	0	0	0	0	0	0	0	9	3	12
14 Fraser-Cheam	0	1	0	5	0	2	0	1	0	0	0	0	0	9	10	19
15 Fraser-Fort George	1	8	0	14	0	10	0	0	0	0	0	0	1	32	2	35
17 Kitimat-Stikine	0	1	0	7	0	2	0	0	0	0	0	0	0	10	0	10
18 Kootenay Boundary	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	1	2	9	0	9	0	1	0	0	0	0	2	20	12	34
21 North Okanagan	0	2	0	13	0	2	0	0	0	0	0	0	0	17	7	24
22 Okanagan-Similkameen	0	0	0	5	0	1	0	1	0	0	0	0	0	7	4	11
23 Peace River	0	1	0	3	0	0	0	0	0	0	0	0	0	4	1	5
24 Powell River	0	0	0	0	0	1	0	0	0	0	0	0	0	1	3	4
25 Skeena-Queen Charlotte	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	3
26 Squamish-Lillooet	0	0	0	3	0	1	0	3	0	0	0	0	0	7	2	9
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	1	0	1	0	0	0	0	0	0	0	2	2	4
29 Thompson-Nicola	0	1	2	18	0	6	0	0	0	0	0	0	2	25	10	37
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**1**	**41**	**4**	**286**	**0**	**123**	**2**	**20**	**0**	**1**	**1**	**0**	**8**	**471**	**252**	**731**
3 Capital	0	9	0	47	0	33	2	3	0	0	0	0	2	92	41	135
16 Greater Vancouver	1	32	4	239	0	90	0	17	0	1	1	0	6	379	211	596
TOTAL	**2**	**69**	**10**	**435**	**2**	**190**	**3**	**30**	**0**	**1**	**1**	**0**	**18**	**725**	**368**	**1,111**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3

Analysis of Change in the Number of Dental Hygienists in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	332	20	26	6	52	8	13	1	380
1 Alberni-Clayoquot	4	2	0	0	2	0	0	0	6
2 Bulkley-Nechako	5	0	0	0	0	0	0	0	5
4 Cariboo	15	2	3	0	5	1	2	0	19
5 Central Coast	1	0	0	0	0	0	0	0	1
6 Central Fraser Valley	18	1	3	0	4	0	1	0	21
7 Central Kootenay	8	0	1	0	1	2	2	1	10
8 Central Okanagan	49	0	4	1	5	2	0	1	57
9 Columbia-Shuswap	7	1	0	0	1	0	0	-1	7
10 Comox-Strathcona	22	1	4	1	6	1	2	-1	26
11 Cowichan Valley	7	0	0	0	0	0	0	-1	6
12 Dewdney-Alouette	14	1	0	0	1	0	1	0	14
13 East Kootenay	12	0	0	0	0	0	1	1	12
14 Fraser-Cheam	13	0	3	0	3	1	0	2	19
15 Fraser-Fort George	29	9	0	0	9	0	0	-3	35
17 Kitimat-Stikine	8	0	0	1	1	0	0	1	10
18 Kootenay Boundary	1	0	0	0	0	0	0	0	1
19 Mount Waddington	0	0	0	0	0	0	0	0	0
20 Nanaimo	34	0	1	0	1	0	1	0	34
21 North Okanagan	19	1	2	3	6	1	1	-1	24
22 Okanagan-Similkameen	9	1	2	0	3	0	1	0	11
23 Peace River	6	0	0	0	0	0	1	0	5
24 Powell River	4	0	0	0	0	0	0	0	4
25 Skeena-Queen Charlotte	4	0	0	0	0	0	0	-1	3
26 Squamish-Lillooet	7	0	2	0	2	0	0	0	9
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	4	0	0	0	0	0	0	0	4
29 Thompson-Nicola	32	1	1	0	2	0	0	3	37
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	653	34	55	13	102	12	35	-1	731
3 Capital	116	13	7	2	22	2	4	-1	135
16 Greater Vancouver	537	21	48	11	80	10	31	0	596
TOTAL	985	54	81	19	154	20	48	0	1,111

[1] Dental hygienists who reported B.C. addresses and were licensed or on permit in December 1992 and whose date of initial registration was after December 1991.
[2] Dental hygienists who reported B.C. addresses and were licensed or on permit in December 1992 but not in December 1991 and who were registered for the first time before December 1991.
[3] Dental hygienists who reported B.C. addresses and were licensed or on permit in December 1991 but not in December 1992.

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Health Human Resources Unit
The University of British Columbia

DENTISTS

DENTISTS

Definition: A dentist

diagnoses and treats diseases, injuries and malformations of teeth, gums and related oral structures and prescribes and administers preventive procedures.

Examines teeth, gums and other tissues using X-rays and dental equipment. Diagnoses condition and plans treatment. Administers local or general anaesthetic. Fills cavities with amalgam, silver, gold, or other material. Replaces portion of tooth crown with inlay or artificial crown. Performs minor oral surgery, including extractions of erupted or impacted teeth. Takes dental impressions. Designs bridgework and partial or complete dentures. Constructs dental appliances or writes specifications for dental technician. Cleans teeth. Instructs patients in oral hygiene to prevent dental problems. Monitors growth pattern of patients' teeth. Refers patients to specialists.[1]

Governing Statute: Dentists Act, Revised Statutes of British Columbia, 1979, Chapter 92; Health Statutes Amendment Act, 1990, Chapter 51, Sections 4-5; administered by the Ministry of Health.

Governing Body: The College of Dental Surgeons of British Columbia. In order to practise as a dentist in British Columbia, it is necessary to be registered by the College, and to hold a valid licence or permit under the Act.

Date of Record: December 1991 and December 1992.

Source of Data: The College of Dental Surgeons of British Columbia (CDSBC).

Preparation and Updating:

The tables were prepared from registration data maintained by the CDSBC and include licensed dentists who reported a British Columbia address at the date of record.

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[1] *Canadian Classification and Dictionary of Occupations 1980.*
Major Group 31, No. 3113-134, p. 50, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Licensed Dentists

Tables 1a, 1b, and 1c report licensed dentists based on Non-Specialist and Specialist designations. Since the numbers of dentists in most specialty categories are small, dentists who reported a specialty area have been grouped into the Specialist category in these tables to allow calculation of meaningful population ratio and rate of change figures.

2. Age and Sex

Age and sex information on licensed dentists in British Columbia, derived from CDSBC registration information, is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Specialty[2]

In Table 3, licensed dentists are allocated to the specialty area in which they have been certified by the College of Dental Surgeons[3]. The categories used in the table are:

Endodontics
Oral and Maxillofacial Surgery
Orthodontics
Paediatric Dentistry
Periodontics
Prosthodontics
Oral Pathology
Oral Radiology
Non-specialist

4. Analysis of Change

Table 4 illustrates the sources of change which affected the stock of dentists from 1991 to 1992.

New registrants are dentists included in the December 1992 stock who registered with the CDSBC *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation: i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent dentists who were not licensed in British Columbia in December 1991, but were licensed in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are licensed dentists who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

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[2] For specialty definitions see: *Canadian Classification and Dictionary of Occupations 1980.* Major Group 31, Nos. 3113-110 through 3113-130, pp. 49-50, Ottawa: Employment and Immigration Canada.

[3] Dentists who are certified in more than one specialty are allocated to the specialty in which they were most recently certified.

Attrition describes dentists who were included in the December 1991 stock but who, because of death, retirement, suspension, out-of-province relocation or non-renewal of licensure, were not included in the December 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of dentists between different Regional Hospital Districts. The net migration total is therefore zero.

Licensed Dentists
per 10,000 Population
by Regional Hospital District
December 1992
N=2057

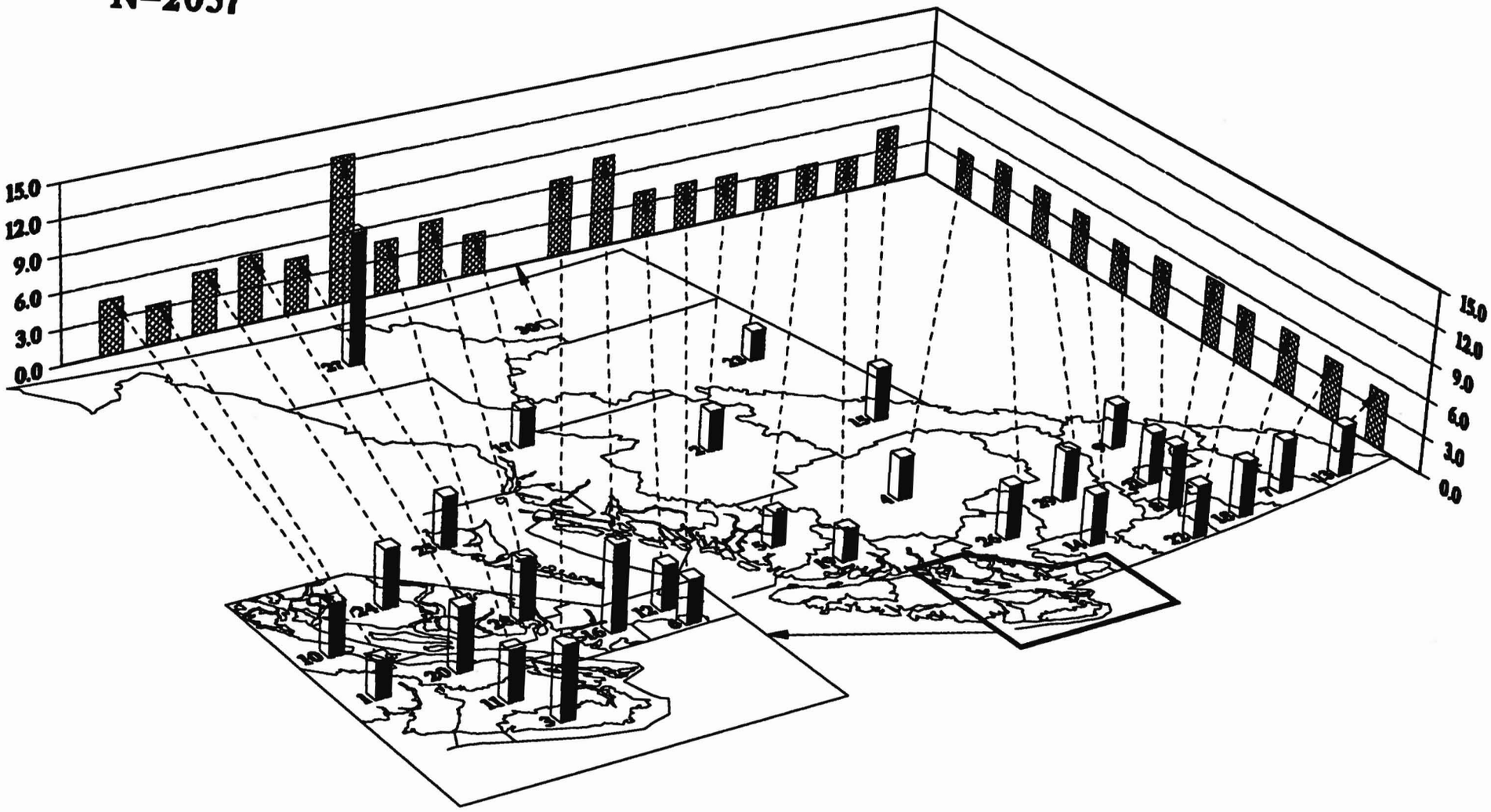

Table 1a

Licensed Dentists in British Columbia

by Regional Hospital District by Specialist and Non-Specialist

December 1991[1] and December 1992[2]

Regional Hospital District	Non-Specialist		Specialist		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**595**	**619**	**35**	**34**	**630**	**653**
1 Alberni-Clayoquot	9	10	0	0	9	10
2 Bulkley-Nechako	16	14	0	0	16	14
4 Cariboo	21	21	2	2	23	23
5 Central Coast	1	1	0	0	1	1
6 Central Fraser Valley	34	34	1	1	35	35
7 Central Kootenay	24	25	0	0	24	25
8 Central Okanagan	50	58	8	7	58	65
9 Columbia-Shuswap	16	16	1	1	17	17
10 Comox-Strathcona	39	37	2	2	41	39
11 Cowichan Valley	26	28	0	0	26	28
12 Dewdney-Alouette	33	36	1	1	34	37
13 East Kootenay	21	21	1	1	22	22
14 Fraser-Cheam	30	31	2	2	32	33
15 Fraser-Fort George	37	41	2	2	39	43
17 Kitimat-Stikine	11	13	1	1	12	14
18 Kootenay Boundary	16	16	0	0	16	16
19 Mount Waddington	4	4	0	0	4	4
20 Nanaimo	50	53	5	5	55	58
21 North Okanagan	26	26	3	3	29	29
22 Okanagan-Similkameen	29	30	3	3	32	33
23 Peace River	15	14	1	1	16	15
24 Powell River	10	10	0	0	10	10
25 Skeena-Queen Charlotte	11	11	0	0	11	11
26 Squamish-Lillooet	10	11	0	0	10	11
27 Stikine	2	2	0	0	2	2
28 Sunshine Coast	11	11	0	0	11	11
29 Thompson-Nicola	43	45	2	2	45	47
30 Fort Nelson/Liard	0	0	0	0	0	0
Metropolitan - Subtotal	**1,209**	**1,242**	**158**	**162**	**1,367**	**1,404**
3 Capital	174	177	23	23	197	200
16 Greater Vancouver	1,035	1,065	135	139	1,170	1,204
TOTAL	**1,804**	**1,861**	**193**	**196**	**1,997**	**2,057**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 dentists.

[2] Excludes 1 licensed dentist with unknown address.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1b

Licensed Dentists in British Columbia

per 10,000 Population by Regional Hospital District by Specialist and Non-Specialist

December 1991[1] and December 1992

Regional Hospital District	Non-Specialist		Specialist		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**4.25**	**4.32**	**0.25**	**0.24**	**4.50**	**4.55**
1 Alberni-Clayoquot	2.98	3.35	0.00	0.00	2.98	3.35
2 Bulkley-Nechako	4.27	3.71	0.00	0.00	4.27	3.71
4 Cariboo	3.60	3.57	0.34	0.34	3.94	3.91
5 Central Coast	3.18	3.17	0.00	0.00	3.18	3.17
6 Central Fraser Valley	4.02	3.82	0.12	0.11	4.14	3.94
7 Central Kootenay	4.71	4.80	0.00	0.00	4.71	4.80
8 Central Okanagan	4.58	5.05	0.73	0.61	5.31	5.66
9 Columbia-Shuswap	3.87	3.82	0.24	0.24	4.11	4.06
10 Comox-Strathcona	4.78	4.41	0.25	0.24	5.03	4.65
11 Cowichan Valley	4.38	4.57	0.00	0.00	4.38	4.57
12 Dewdney-Alouette	3.70	3.89	0.11	0.11	3.81	3.99
13 East Kootenay	4.34	4.39	0.21	0.21	4.55	4.59
14 Fraser-Cheam	4.36	4.35	0.29	0.28	4.65	4.63
15 Fraser-Fort George	4.30	4.72	0.23	0.23	4.53	4.95
17 Kitimat-Stikine	2.78	3.26	0.25	0.25	3.04	3.51
18 Kootenay Boundary	5.16	5.08	0.00	0.00	5.16	5.08
19 Mount Waddington	2.93	2.96	0.00	0.00	2.93	2.96
20 Nanaimo	5.14	5.23	0.51	0.49	5.65	5.73
21 North Okanagan	4.35	4.22	0.50	0.49	4.85	4.71
22 Okanagan-Similkameen	4.37	4.35	0.45	0.43	4.82	4.78
23 Peace River	2.91	2.66	0.19	0.19	3.11	2.85
24 Powell River	5.35	5.27	0.00	0.00	5.35	5.27
25 Skeena-Queen Charlotte	4.73	4.69	0.00	0.00	4.73	4.69
26 Squamish-Lillooet	4.54	4.90	0.00	0.00	4.54	4.90
27 Stikine	12.45	12.48	0.00	0.00	12.45	12.48
28 Sunshine Coast	5.48	5.41	0.00	0.00	5.48	5.41
29 Thompson-Nicola	4.28	4.42	0.20	0.20	4.48	4.62
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00
Metropolitan - Subtotal	**6.66**	**6.68**	**0.87**	**0.87**	**7.54**	**7.55**
3 Capital	5.84	5.81	0.77	0.76	6.61	6.57
16 Greater Vancouver	6.83	6.85	0.89	0.89	7.72	7.75
TOTAL	**5.61**	**5.65**	**0.60**	**0.60**	**6.22**	**6.25**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 dentists. Also, see Foreword.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change: Licensed Dentists in British Columbia by Regional Hospital District by Specialist and Non-Specialist December 1991 to December 1992

Regional Hospital District	Non-Specialist		Specialist		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**4.03**	**1.48**	**-2.86**	**-5.24**	**3.65**	**1.10**
1 Alberni-Clayoquot	*	*	*	*	*	*
2 Bulkley-Nechako	-12.50	-13.31	*	*	-12.50	-13.31
4 Cariboo	0.00	-0.85	*	*	0.00	-0.85
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	0.00	-4.94	*	*	0.00	-4.94
7 Central Kootenay	4.17	2.04	*	*	4.17	2.04
8 Central Okanagan	16.00	10.26	*	*	12.07	6.53
9 Columbia-Shuswap	0.00	-1.29	*	*	0.00	-1.29
10 Comox-Strathcona	-5.13	-7.66	*	*	-4.88	-7.41
11 Cowichan Valley	7.69	4.42	*	*	7.69	4.42
12 Dewdney-Alouette	9.09	5.06	*	*	8.82	4.80
13 East Kootenay	0.00	1.08	*	*	0.00	1.08
14 Fraser-Cheam	3.33	-0.03	*	*	3.13	-0.23
15 Fraser-Fort George	10.81	9.76	*	*	10.26	9.21
17 Kitimat-Stikine	18.18	16.90	*	*	16.67	15.40
18 Kootenay Boundary	0.00	-1.44	*	*	0.00	-1.44
19 Mount Waddington	*	*	*	*	*	*
20 Nanaimo	6.00	1.93	*	*	5.45	1.40
21 North Okanagan	0.00	-2.90	*	*	0.00	-2.90
22 Okanagan-Similkameen	3.45	-0.40	*	*	3.13	-0.71
23 Peace River	-6.67	-8.71	*	*	-6.25	-8.31
24 Powell River	0.00	-1.37	*	*	0.00	-1.37
25 Skeena-Queen Charlotte	0.00	-0.91	*	*	0.00	-0.91
26 Squamish-Lillooet	10.00	7.95	*	*	10.00	7.95
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	0.00	-1.45	*	*	0.00	-1.45
29 Thompson-Nicola	4.65	3.29	*	*	4.44	3.08
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	**2.73**	**0.28**	**2.53**	**0.08**	**2.71**	**0.26**
3 Capital	1.72	-0.46	0.00	-2.14	1.52	-0.65
16 Greater Vancouver	2.90	0.39	2.96	0.46	2.91	0.40
TOTAL	**3.16**	**0.67**	**1.55**	**-0.90**	**3.00**	**0.51**

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Licensed Dentists in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	1	1	106	24	219	25	189	4	63	0	21	0	599	54	0	653
1 Alberni-Clayoquot	0	0	0	0	3	0	5	0	2	0	0	0	10	0	0	10
2 Bulkley-Nechako	0	0	3	0	5	0	4	0	2	0	0	0	14	0	0	14
4 Cariboo	0	0	6	2	9	1	2	0	3	0	0	0	20	3	0	23
5 Central Coast	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1
6 Central Fraser Valley	0	0	4	3	14	2	10	0	1	0	1	0	30	5	0	35
7 Central Kootenay	0	0	4	1	9	0	9	0	2	0	0	0	24	1	0	25
8 Central Okanagan	0	1	9	3	21	2	21	0	6	0	2	0	59	6	0	65
9 Columbia-Shuswap	0	0	1	1	7	0	8	0	0	0	0	0	16	1	0	17
10 Comox-Strathcona	0	0	5	3	11	0	15	1	3	0	1	0	35	4	0	39
11 Cowichan Valley	0	0	5	1	5	4	9	0	3	0	1	0	23	5	0	28
12 Dewdney-Alouette	0	0	11	2	9	4	5	0	4	0	2	0	31	6	0	37
13 East Kootenay	0	0	3	0	7	1	8	0	3	0	0	0	21	1	0	22
14 Fraser-Cheam	0	0	7	1	11	3	6	0	4	0	1	0	29	4	0	33
15 Fraser-Fort George	0	0	7	5	13	3	11	0	2	0	2	0	35	8	0	43
17 Kitimat-Stikine	0	0	3	0	6	0	3	0	2	0	0	0	14	0	0	14
18 Kootenay Boundary	0	0	2	0	6	0	4	0	3	0	1	0	16	0	0	16
19 Mount Waddington	0	0	0	0	2	0	0	0	1	0	1	0	4	0	0	4
20 Nanaimo	0	0	9	1	20	3	16	0	5	0	4	0	54	4	0	58
21 North Okanagan	0	0	7	0	5	0	13	1	3	0	0	0	28	1	0	29
22 Okanagan-Similkameen	1	0	3	0	13	0	12	0	2	0	2	0	33	0	0	33
23 Peace River	0	0	3	0	5	1	5	0	1	0	0	0	14	1	0	15
24 Powell River	0	0	0	0	5	0	3	0	1	0	1	0	10	0	0	10
25 Skeena-Queen Charlotte	0	0	2	1	3	0	3	0	2	0	0	0	10	1	0	11
26 Squamish-Lillooet	0	0	3	0	4	1	2	0	1	0	0	0	10	1	0	11
27 Stikine	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	2
28 Sunshine Coast	0	0	1	0	4	0	4	1	0	0	1	0	10	1	0	11
29 Thompson-Nicola	0	0	8	0	21	0	10	1	6	0	1	0	46	1	0	47
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	1	0	208	90	426	87	333	26	156	7	67	1	1,191	211	2	1,404
3 Capital	0	0	28	8	61	4	63	1	24	0	11	0	187	13	0	200
16 Greater Vancouver	1	0	180	82	365	83	270	25	132	7	56	1	1,004	198	2	1,204
TOTAL	2	1	314	114	645	112	522	30	219	7	88	1	1,790	265	2	2,057

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The University of British Columbia

Table 3

Licensed Dentists in British Columbia
by Regional Hospital District by Specialty
December 1991[1] and December 1992

Regional Hospital District	Endodontics		Oral and Maxillofacial Surgery		Orthodontics		Paediatric Dentistry		Periodontics	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	2	1	2	2	24	24	2	2	2	2
1 Alberni-Clayoquot	0	0	0	0	0	0	0	0	0	0
2 Bulkley-Nechako	0	0	0	0	0	0	0	0	0	0
4 Cariboo	0	0	0	0	2	2	0	0	0	0
5 Central Coast	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	0	0	0	0	1	1	0	0	0	0
7 Central Kootenay	0	0	0	0	0	0	0	0	0	0
8 Central Okanagan	2	1	0	0	2	2	0	0	2	2
9 Columbia-Shuswap	0	0	0	0	1	1	0	0	0	0
10 Comox-Strathcona	0	0	0	0	2	2	0	0	0	0
11 Cowichan Valley	0	0	0	0	0	0	0	0	0	0
12 Dewdney-Alouette	0	0	0	0	1	1	0	0	0	0
13 East Kootenay	0	0	0	0	1	1	0	0	0	0
14 Fraser-Cheam	0	0	0	0	2	2	0	0	0	0
15 Fraser-Fort George	0	0	0	0	2	2	0	0	0	0
17 Kitimat-Stikine	0	0	0	0	1	1	0	0	0	0
18 Kootenay Boundary	0	0	0	0	0	0	0	0	0	0
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	0	1	1	2	2	2	2	0	0
21 North Okanagan	0	0	1	1	2	2	0	0	0	0
22 Okanagan-Similkameen	0	0	0	0	3	3	0	0	0	0
23 Peace River	0	0	0	0	0	0	0	0	0	0
24 Powell River	0	0	0	0	0	0	0	0	0	0
25 Skeena-Queen Charlotte	0	0	0	0	0	0	0	0	0	0
26 Squamish-Lillooet	0	0	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	0	0	0	0	0	0	0
29 Thompson-Nicola	0	0	0	0	2	2	0	0	0	0
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	16	17	27	27	53	54	14	14	22	22
3 Capital	3	3	5	5	8	8	1	1	4	4
16 Greater Vancouver	13	14	22	22	45	46	13	13	18	18
TOTAL	18	18	29	29	77	78	16	16	24	24

... continued

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 dentists.

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Table 3 (continued)

Licensed Dentists in British Columbia
by Regional Hospital District by Specialty
December 1991[1] and December 1992

Regional Hospital District	Prosthodontics		Oral Pathology		Oral Radiology		Non-Specialist		Total	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	3	3	0	0	0	0	595	619	630	653
1 Alberni-Clayoquot	0	0	0	0	0	0	9	10	9	10
2 Bulkley-Nechako	0	0	0	0	0	0	16	14	16	14
4 Cariboo	0	0	0	0	0	0	21	21	23	23
5 Central Coast	0	0	0	0	0	0	1	1	1	1
6 Central Fraser Valley	0	0	0	0	0	0	34	34	35	35
7 Central Kootenay	0	0	0	0	0	0	24	25	24	25
8 Central Okanagan	2	2	0	0	0	0	50	58	58	65
9 Columbia-Shuswap	0	0	0	0	0	0	16	16	17	17
10 Comox-Strathcona	0	0	0	0	0	0	39	37	41	39
11 Cowichan Valley	0	0	0	0	0	0	26	28	26	28
12 Dewdney-Alouette	0	0	0	0	0	0	33	36	34	37
13 East Kootenay	0	0	0	0	0	0	21	21	22	22
14 Fraser-Cheam	0	0	0	0	0	0	30	31	32	33
15 Fraser-Fort George	0	0	0	0	0	0	37	41	39	43
17 Kitimat-Stikine	0	0	0	0	0	0	11	13	12	14
18 Kootenay Boundary	0	0	0	0	0	0	16	16	16	16
19 Mount Waddington	0	0	0	0	0	0	4	4	4	4
20 Nanaimo	0	0	0	0	0	0	50	53	55	58
21 North Okanagan	0	0	0	0	0	0	26	26	29	29
22 Okanagan-Similkameen	0	0	0	0	0	0	29	30	32	33
23 Peace River	1	1	0	0	0	0	15	14	16	15
24 Powell River	0	0	0	0	0	0	10	10	10	10
25 Skeena-Queen Charlotte	0	0	0	0	0	0	11	11	11	11
26 Squamish-Lillooet	0	0	0	0	0	0	10	11	10	11
27 Stikine	0	0	0	0	0	0	2	2	2	2
28 Sunshine Coast	0	0	0	0	0	0	11	11	11	11
29 Thompson-Nicola	0	0	0	0	0	0	43	45	45	47
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	24	25	1	2	1	1	1,209	1,242	1,367	1,404
3 Capital	2	2	0	0	0	0	174	177	197	200
16 Greater Vancouver	22	23	1	2	1	1	1,035	1,065	1,170	1,204
TOTAL	27	28	1	2	1	1	1,804	1,861	1,997	2,057

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 dentists.

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Table 4

Analysis of Change in the Number of Licensed Dentists in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	**630**	**10**	**20**	**2**	**32**	**4**	**18**	**5**	**653**
1 Alberni-Clayoquot	9	0	0	0	0	1	0	0	10
2 Bulkley-Nechako	16	1	0	0	1	0	3	0	14
4 Cariboo	23	0	2	0	2	0	0	-2	23
5 Central Coast	1	0	0	0	0	0	0	0	1
6 Central Fraser Valley	35	1	0	1	2	0	0	-2	35
7 Central Kootenay	24	0	1	0	1	0	0	0	25
8 Central Okanagan	58	0	5	0	5	3	3	2	65
9 Columbia-Shuswap	17	0	0	0	0	0	1	1	17
10 Comox-Strathcona	41	0	2	0	2	0	2	-2	39
11 Cowichan Valley	26	0	1	0	1	0	2	3	28
12 Dewdney-Alouette	34	0	1	0	1	0	1	3	37
13 East Kootenay	22	0	1	0	1	0	2	1	22
14 Fraser-Cheam	32	0	0	0	0	0	1	2	33
15 Fraser-Fort George	39	3	0	1	4	0	1	1	43
17 Kitimat-Stikine	12	2	0	0	2	0	0	0	14
18 Kootenay Boundary	16	0	1	0	1	0	0	-1	16
19 Mount Waddington	4	0	0	0	0	0	0	0	4
20 Nanaimo	55	0	1	0	1	0	1	3	58
21 North Okanagan	29	0	0	0	0	0	0	0	29
22 Okanagan-Similkameen	32	1	2	0	3	0	1	-1	33
23 Peace River	16	1	0	0	1	0	0	-2	15
24 Powell River	10	0	0	0	0	0	0	0	10
25 Skeena-Queen Charlotte	11	0	1	0	1	0	0	-1	11
26 Squamish-Lillooet	10	0	1	0	1	0	0	0	11
27 Stikine	2	0	0	0	0	0	0	0	2
28 Sunshine Coast	11	0	0	0	0	0	0	0	11
29 Thompson-Nicola	45	1	1	0	2	0	0	0	47
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**1,367**	**25**	**20**	**12**	**57**	**15**	**30**	**-5**	**1,404**
3 Capital	197	2	4	0	6	3	7	1	200
16 Greater Vancouver	1,170	23	16	12	51	12	23	-6	1,204
TOTAL	**1,997**	**35**	**40**	**14**	**89**	**19**	**48**	**0**	**2,057**

[1] Dentists who reported B.C. addresses and were licensed in December 1992 and whose date of intial registration was after December 1991.
[2] Dentists who reported B.C. addresses and were licensed in December 1992 but not in December 1991 and who were registered for the first time before December 1991.
[3] Dentists who reported B.C. addresses and were licensed in December 1991 but not in December 1992.

Prepared by:
Health Human Resources Unit
The University of British Columbia

II. MEDICAL AND TREATMENT SERVICES

EMERGENCY MEDICAL ASSISTANTS

EMERGENCY MEDICAL ASSISTANTS

Definition: An emergency medical assistant

provides first aid, nursing and medical services to minimize disability or loss of life in emergency situations. Depending upon level of training, the emergency medical assistant (EMA) will be skilled in the areas of first aid, general ambulance practices and procedures, basic nursing, patient assessment, specialized diagnostics and treatments.

An Emergency Medical Assistant First Responder (EMA FR) may be employed with a police force, a fire department, or an agency approved by the Emergency Health Services Commission (EHSC). All other EMAs are employed either with the EHSC or with a contractor who has a contract for service with the Commission.[1]

Governing Statute: Health Emergency Act, Revised Statutes of British Columbia, 1979, Chapter 162; Health Statutes Amendment Act, 1989, Chapter 48, Sections 14-17; administered by the Ministry of Health.

Governing Body: Emergency Medical Assistants Licensing Board (EMALB). In order to practise as an emergency medical assistant in British Columbia, it is necessary to be licensed by the Emergency Medical Assistants Licensing Board. Licensed emergency medical assistants have exclusive use of the title: Emergency Medical Assistant.

Date of Record: December 1991 and December 1992.

Source of Data: Emergency Medical Assistants Licensing Branch, Ministry of Health.

Preparation and Updating:

The tables, derived from the register of the EMALB, include only licensed emergency medical assistants who were British Columbia residents at the date of record. In order to provide the most appropriate information available, the HHRU has moved to reporting data on EMAs based on their workplace addresses. As a result, figures for 1991 reported in the accompanying tables differ from those reported in *ROLLCALL 91* because that document reported data on EMAs based on their home addresses.

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[1] Adapted from the Health Emergency Act, Revised Statutes of British Columbia, 1979, Chapter 162, and from information provided by the Emergency Medical Assistants Licensing Branch, Ministry of Health, Province of British Columbia, January 1992.

Definition of Terms:

1. Licence Category

Tables 1a and 1b show the total number of EMAs and the number of EMAs per 10,000 population in British Columbia based on their licence category. The tables include EMAs who were British Columbia residents at the date of record. Licence categories are as follows:

(a) Emergency Medical Assistant - First Responder (EMA FR)
(b) Emergency Medical Assistant - First Aid (EMA FA)
(c) Emergency Medical Assistant 1 (EMA 1)
(d) Emergency Medical Assistant 2 (EMA 2)
(e) Emergency Medical Assistant 3 - Advanced Life Support (EMA 3 (ALS))
(f) Emergency Medical Assistant 3 - Infant Transport Team (EMA 3 (ITT))

Table 1c reports the annual rate of change in the number of EMAs and in the number of EMAs per 10,000 population in British Columbia.[2]

2. Age and Sex

Age and sex information on emergency medical assistants, derived from the registration database of the Emergency Medical Assistants Licensing Board, is reported in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Employment Status

Table 3 reports emergency medical assistants based on full-time and part-time employment status.

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[2] Because 1991 data were not available, EMA-FRs are excluded from the table and rates of change in the total number and the total number per 10,000 population are not provided.

Emergency Medical Assistants per 10,000 Population by Regional Hospital District December 1992 N=5220

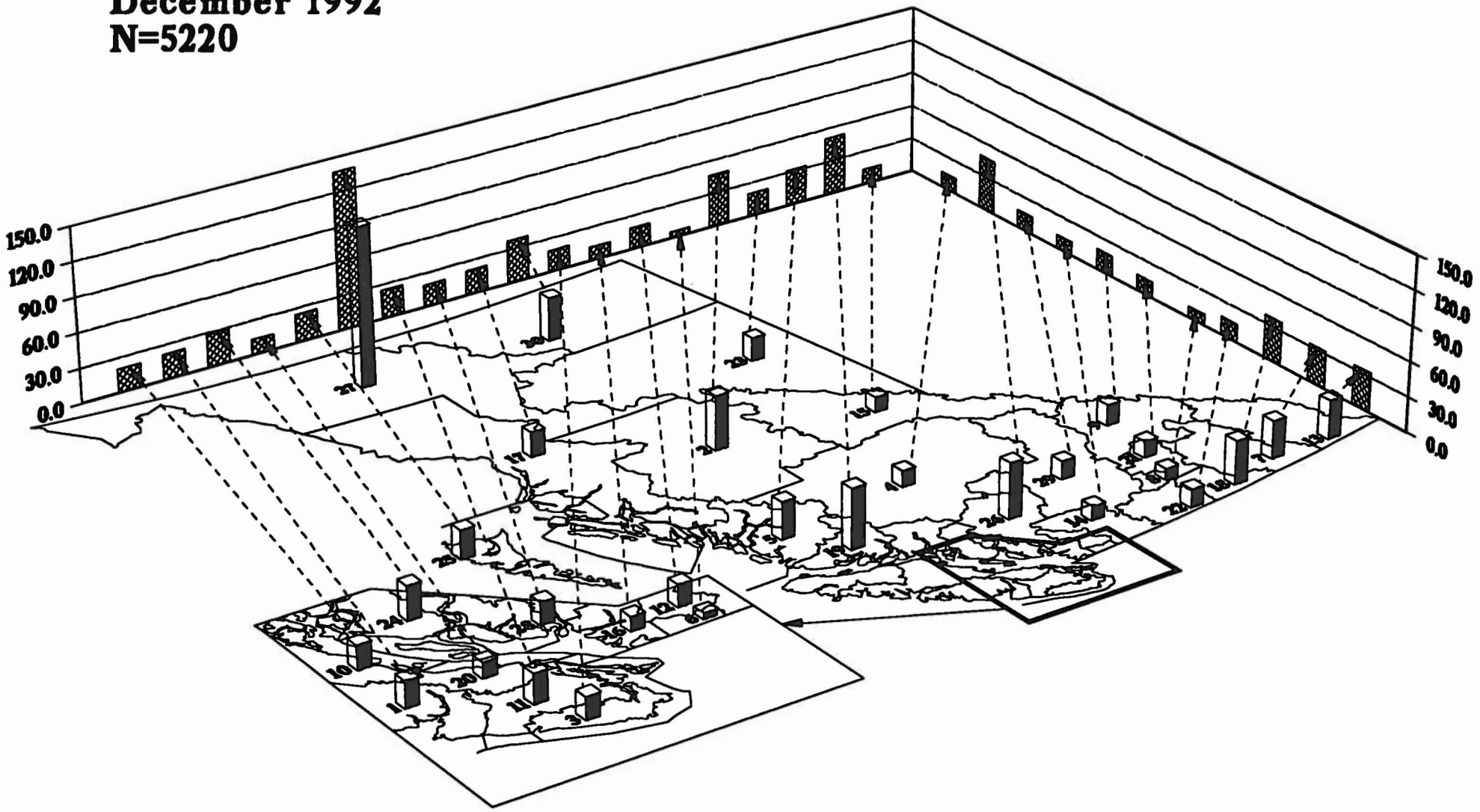

Table 1a

Emergency Medical Assistants in British Columbia
by Regional Hospital District by Licence Category
December 1991[1] and December 1992

Regional Hospital District	EMA FR	EMA FA		EMA 1		EMA 2		EMA 3 (ALS)		EMA 3 (ITT)		Total
	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1992
Non-Metropolitan - Subtotal	708	513	413	1,014	1,140	402	453	37	43	0	0	2,757
1 Alberni-Clayoquot	7	5	17	19	26	3	15	0	0	0	0	65
2 Bulkley-Nechako	59	29	19	91	86	15	12	0	0	0	0	176
4 Cariboo	2	22	18	41	38	25	24	0	0	0	0	82
5 Central Coast	0	5	3	6	7	0	0	0	0	0	0	10
6 Central Fraser Valley	22	0	0	13	9	14	16	0	0	0	0	47
7 Central Kootenay	45	24	23	61	73	12	26	0	0	0	0	167
8 Central Okanagan	37	9	8	33	33	14	15	12	15	0	0	108
9 Columbia-Shuswap	0	22	19	44	43	13	14	0	0	0	0	76
10 Comox-Strathcona	8	47	47	82	91	16	24	0	0	0	0	170
11 Cowichan Valley	56	34	27	53	53	15	16	0	0	0	0	152
12 Dewdney-Alouette	135	1	0	21	13	20	26	0	0	0	0	174
13 East Kootenay	46	25	14	60	71	20	29	0	0	0	0	160
14 Fraser-Cheam	6	5	15	24	35	21	21	6	8	0	0	85
15 Fraser-Fort George	32	11	11	33	38	28	28	7	7	0	0	116
17 Kitimat-Stikine	27	29	21	34	35	4	3	0	0	0	0	86
18 Kootenay Boundary	29	26	15	38	58	14	14	0	0	0	0	116
19 Mount Waddington	0	27	17	35	43	5	9	0	0	0	0	69
20 Nanaimo	59	21	12	34	35	24	29	0	0	0	0	135
21 North Okanagan	20	11	3	46	48	16	16	0	0	0	0	87
22 Okanagan-Similkameen	21	25	22	32	38	24	28	0	0	0	0	109
23 Peace River	30	19	10	44	53	17	15	0	0	0	0	108
24 Powell River	24	6	9	13	14	7	7	0	0	0	0	54
25 Skeena-Queen Charlotte	10	14	10	20	31	8	7	0	0	0	0	58
26 Squamish-Lillooet	25	26	14	44	50	17	17	0	0	0	0	106
27 Stikine	0	6	11	11	11	0	0	0	0	0	0	22
28 Sunshine Coast	2	14	8	20	23	7	6	0	0	0	0	39
29 Thompson-Nicola	6	39	30	56	77	40	34	12	13	0	0	160
30 Fort Nelson/Liard	0	11	10	6	8	3	2	0	0	0	0	20
Metropolitan - Subtotal	1,742	70	53	203	163	322	374	90	108	25	23	2,463
3 Capital	346	48	44	75	87	72	67	25	31	0	0	575
16 Greater Vancouver	1,396	22	9	128	76	250	307	65	77	25	23	1,888
TOTAL	2,450	583	466	1,217	1,303	724	827	127	151	25	23	5,220

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 emergency medical assistants. Also, see attached text.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1b

Emergency Medical Assistants in British Columbia
per 10,000 Population by Regional Hospital District by Licence Category
December 1991[1] and December 1992

Regional Hospital District	EMA FR	EMA FA		EMA 1		EMA 2		EMA 3 (ALS)		EMA 3 (ITT)		Total
	1992	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992	1992
Non-Metropolitan - Subtotal	**4.94**	**3.67**	**2.88**	**7.25**	**7.95**	**2.87**	**3.16**	**0.26**	**0.30**	**0.00**	**0.00**	**19.22**
1 Alberni-Clayoquot	2.34	1.66	5.69	6.29	8.71	0.99	5.02	0.00	0.00	0.00	0.00	21.77
2 Bulkley-Nechako	15.62	7.75	5.03	24.31	22.76	4.01	3.18	0.00	0.00	0.00	0.00	46.58
4 Cariboo	0.34	3.77	3.06	7.02	6.45	4.28	4.08	0.00	0.00	0.00	0.00	13.92
5 Central Coast	0.00	15.90	9.51	19.08	22.18	0.00	0.00	0.00	0.00	0.00	0.00	31.69
6 Central Fraser Valley	2.47	0.00	0.00	1.54	1.01	1.66	1.80	0.00	0.00	0.00	0.00	5.29
7 Central Kootenay	8.64	4.71	4.42	11.96	14.02	2.35	4.99	0.00	0.00	0.00	0.00	32.08
8 Central Okanagan	3.22	0.82	0.70	3.02	2.87	1.28	1.31	1.10	1.31	0.00	0.00	9.40
9 Columbia-Shuswap	0.00	5.32	4.54	10.64	10.27	3.14	3.34	0.00	0.00	0.00	0.00	18.15
10 Comox-Strathcona	0.95	5.76	5.61	10.05	10.86	1.96	2.86	0.00	0.00	0.00	0.00	20.28
11 Cowichan Valley	9.14	5.72	4.41	8.92	8.65	2.52	2.61	0.00	0.00	0.00	0.00	24.81
12 Dewdney-Alouette	14.57	0.11	0.00	2.35	1.40	2.24	2.81	0.00	0.00	0.00	0.00	18.79
13 East Kootenay	9.61	5.17	2.92	12.40	14.83	4.13	6.06	0.00	0.00	0.00	0.00	33.42
14 Fraser-Cheam	0.84	0.73	2.11	3.48	4.92	3.05	2.95	0.87	1.12	0.00	0.00	11.94
15 Fraser-Fort George	3.68	1.28	1.27	3.84	4.38	3.25	3.22	0.81	0.81	0.00	0.00	13.36
17 Kitimat-Stikine	6.76	7.34	5.26	8.61	8.76	1.01	0.75	0.00	0.00	0.00	0.00	21.54
18 Kootenay Boundary	9.21	8.38	4.77	12.25	18.43	4.51	4.45	0.00	0.00	0.00	0.00	36.86
19 Mount Waddington	0.00	19.80	12.60	25.67	31.87	3.67	6.67	0.00	0.00	0.00	0.00	51.15
20 Nanaimo	5.83	2.16	1.19	3.49	3.46	2.47	2.86	0.00	0.00	0.00	0.00	13.33
21 North Okanagan	3.25	1.84	0.49	7.69	7.79	2.68	2.60	0.00	0.00	0.00	0.00	14.12
22 Okanagan-Similkameen	3.04	3.76	3.19	4.82	5.51	3.61	4.06	0.00	0.00	0.00	0.00	15.80
23 Peace River	5.70	3.69	1.90	8.55	10.07	3.30	2.85	0.00	0.00	0.00	0.00	20.51
24 Powell River	12.66	3.21	4.75	6.95	7.38	3.74	3.69	0.00	0.00	0.00	0.00	28.48
25 Skeena-Queen Charlotte	4.26	6.02	4.26	8.60	13.21	3.44	2.98	0.00	0.00	0.00	0.00	24.71
26 Squamish-Lillooet	11.14	11.81	6.24	19.98	22.28	7.72	7.58	0.00	0.00	0.00	0.00	47.24
27 Stikine	0.00	37.36	68.66	68.49	68.66	0.00	0.00	0.00	0.00	0.00	0.00	137.33
28 Sunshine Coast	0.98	6.98	3.93	9.97	11.30	3.49	2.95	0.00	0.00	0.00	0.00	19.16
29 Thompson-Nicola	0.59	3.88	2.95	5.58	7.57	3.98	3.34	1.19	1.28	0.00	0.00	15.72
30 Fort Nelson/Liard	0.00	21.88	18.89	11.94	15.11	5.97	3.78	0.00	0.00	0.00	0.00	37.79
Metropolitan - Subtotal	**9.37**	**0.39**	**0.29**	**1.12**	**0.88**	**1.77**	**2.01**	**0.50**	**0.58**	**0.14**	**0.12**	**13.25**
3 Capital	11.36	1.61	1.44	2.52	2.86	2.42	2.20	0.84	1.02	0.00	0.00	18.88
16 Greater Vancouver	8.98	0.15	0.06	0.84	0.49	1.65	1.98	0.43	0.50	0.16	0.15	12.15
TOTAL	**7.44**	**1.81**	**1.42**	**3.79**	**3.96**	**2.25**	**2.51**	**0.40**	**0.46**	**0.08**	**0.07**	**15.85**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword and attached text.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change: Emergency Medical Assistants in British Columbia

by Regional Hospital District by Licence Category

December 1991 to December 1992

Regional Hospital District	EMA FA		EMA 1		EMA 2		EMA 3 (ALS)		EMA 3 (ITT)	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	-19.49	-21.47	12.43	9.66	12.69	9.92	16.22	13.36	*	*
1 Alberni-Clayoquot	*	*	36.84	38.46	*	*	*	*	*	*
2 Bulkley-Nechako	-34.48	-35.09	-5.49	-6.37	-20.00	-20.74	*	*	*	*
4 Cariboo	-18.18	-18.88	-7.32	-8.10	-4.00	-4.82	*	*	*	*
5 Central Coast	*	*	*	*	*	*	*	*	*	*
6 Central Fraser Valley	*	*	-30.77	-34.19	14.29	8.64	*	*	*	*
7 Central Kootenay	-4.17	-6.13	19.67	17.22	116.67	112.23	*	*	*	*
8 Central Okanagan	*	*	0.00	-4.95	7.14	1.84	25.00	18.82	*	*
9 Columbia-Shuswap	-13.64	-14.75	-2.27	-3.54	7.69	6.30	*	*	*	*
10 Comox-Strathcona	0.00	-2.67	10.98	8.02	50.00	46.00	*	*	*	*
11 Cowichan Valley	-20.59	-23.00	0.00	-3.04	6.67	3.42	*	*	*	*
12 Dewdney-Alouette	*	*	-38.10	-40.38	30.00	25.19	*	*	*	*
13 East Kootenay	-44.00	-43.39	18.33	19.62	45.00	46.57	*	*	*	*
14 Fraser-Cheam	*	*	45.83	41.08	0.00	-3.26	*	*	*	*
15 Fraser-Fort George	0.00	-0.95	15.15	14.06	0.00	-0.95	*	*	*	*
17 Kitimat-Stikine	-27.59	-28.37	2.94	1.83	*	*	*	*	*	*
18 Kootenay Boundary	-42.31	-43.14	52.63	50.43	0.00	-1.44	*	*	*	*
19 Mount Waddington	-37.04	-36.37	22.86	24.15	*	*	*	*	*	*
20 Nanaimo	-42.86	-45.05	2.94	-1.02	20.83	16.19	*	*	*	*
21 North Okanagan	-72.73	-73.52	4.35	1.32	0.00	-2.90	*	*	*	*
22 Okanagan-Similkameen	-12.00	-15.27	18.75	14.34	16.67	12.33	*	*	*	*
23 Peace River	-47.37	-48.52	20.45	17.81	-11.76	-13.70	*	*	*	*
24 Powell River	*	*	7.69	6.22	*	*	*	*	*	*
25 Skeena-Queen Charlotte	-28.57	-29.22	55.00	53.59	*	*	*	*	*	*
26 Squamish-Lillooet	-46.15	-47.16	13.64	11.51	0.00	-1.87	*	*	*	*
27 Stikine	*	*	0.00	0.25	*	*	*	*	*	*
28 Sunshine Coast	-42.86	-43.69	15.00	13.33	*	*	*	*	*	*
29 Thompson-Nicola	-23.08	-24.08	37.50	35.71	-15.00	-16.11	8.33	6.92	*	*
30 Fort Nelson/Liard	-9.09	-13.66	*	*	*	*	*	*	*	*
Metropolitan - Subtotal	-24.29	-26.09	-19.70	-21.62	16.15	13.38	20.00	17.14	-8.00	-10.20
3 Capital	-8.33	-10.30	16.00	13.51	-6.94	-8.94	24.00	21.34	*	*
16 Greater Vancouver	-59.09	-60.09	-40.63	-42.07	22.80	19.81	18.46	15.58	-8.00	-10.24
TOTAL	-20.07	-22.00	7.07	4.48	14.23	11.47	18.90	16.02	-8.00	-10.22

[1] Rate of change (in percent) in the number.

[2] Rate of change (in percent) in the number per 10,000 population.

* Indicates that the base for the rate of change is less than 10.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 2

Emergency Medical Assistants in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Unknown		Subtotal		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Non-Metropolitan - Subtotal	155	96	510	192	499	207	218	64	54	16	3	0	691	52	2,130	627	2,757
1 Alberni-Clayoquot	9	4	16	2	12	6	7	1	0	0	0	0	8	0	52	13	65
2 Bulkley-Nechako	6	5	35	18	27	9	12	2	1	1	0	0	50	10	131	45	176
4 Cariboo	8	7	12	8	20	7	11	3	4	0	0	0	2	0	57	25	82
5 Central Coast	0	0	0	2	1	4	1	2	0	0	0	0	0	0	2	8	10
6 Central Fraser Valley	0	0	9	0	13	1	2	0	0	0	0	0	20	2	44	3	47
7 Central Kootenay	4	7	31	12	27	12	20	5	1	2	1	0	41	4	125	42	167
8 Central Okanagan	4	3	16	5	24	5	10	3	1	0	0	0	37	0	92	16	108
9 Columbia-Shuswap	6	3	20	5	16	7	10	2	5	1	1	0	0	0	58	18	76
10 Comox-Strathcona	9	9	35	17	34	22	19	7	1	3	0	0	11	3	109	61	170
11 Cowichan Valley	11	8	23	16	13	8	9	2	4	1	0	0	55	2	115	37	152
12 Dewdney-Alouette	1	1	9	4	15	1	6	0	2	0	0	0	127	8	160	14	174
13 East Kootenay	12	8	29	13	28	9	11	2	1	0	0	0	46	1	127	33	160
14 Fraser-Cheam	7	6	24	5	27	1	5	0	3	1	0	0	6	0	72	13	85
15 Fraser-Fort George	5	2	26	5	29	6	5	3	2	1	0	0	31	1	98	18	116
17 Kitimat-Stikine	4	3	22	6	8	9	4	1	0	0	0	0	23	6	61	25	86
18 Kootenay Boundary	6	5	19	6	28	9	10	1	2	1	0	0	29	0	94	22	116
19 Mount Waddington	4	1	15	5	19	13	5	5	0	0	0	0	0	2	43	26	69
20 Nanaimo	10	2	16	5	20	5	10	2	5	0	0	0	60	0	121	14	135
21 North Okanagan	3	1	12	4	19	10	11	6	1	0	0	0	20	0	66	21	87
22 Okanagan-Similkameen	8	0	21	8	24	7	10	1	7	1	0	0	20	2	90	19	109
23 Peace River	3	7	10	11	15	15	1	2	0	0	0	0	42	2	71	37	108
24 Powell River	3	1	9	1	9	2	2	1	1	0	0	0	25	0	49	5	54
25 Skeena-Queen Charlotte	3	4	12	5	8	7	5	2	1	1	0	0	9	1	38	20	58
26 Squamish-Lillooet	9	3	28	7	17	6	7	1	3	0	0	0	22	3	86	20	106
27 Stikine	2	0	5	2	3	2	3	3	0	2	0	0	0	0	13	9	22
28 Sunshine Coast	5	2	7	2	3	8	3	2	2	1	0	0	2	2	22	17	39
29 Thompson-Nicola	13	3	43	15	38	12	16	4	7	0	1	0	5	3	123	37	160
30 Fort Nelson/Liard	0	1	6	3	2	4	3	1	0	0	0	0	0	0	11	9	20
Metropolitan - Subtotal	26	6	225	52	249	45	72	9	21	1	1	0	1,676	80	2,270	193	2,463
3 Capital	11	2	48	24	79	22	18	6	6	1	0	0	328	30	490	85	575
16 Greater Vancouver	15	4	177	28	170	23	54	3	15	0	1	0	1,348	50	1,780	108	1,888
TOTAL	181	102	735	244	748	252	290	73	75	17	4	0	2,367	132	4,400	820	5,220

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3

Emergency Medical Assistants in British Columbia
by Regional Hospital District by Employment Status
December 1992

Regional Hospital District	Part-Time[1]	Full-Time	Unknown	Total
Non-Metropolitan - Subtotal	**1,747**	**302**	**708**	**2,757**
1 Alberni-Clayoquot	52	6	7	65
2 Bulkley-Nechako	112	5	59	176
4 Cariboo	67	13	2	82
5 Central Coast	10	0	0	10
6 Central Fraser Valley	11	14	22	47
7 Central Kootenay	116	6	45	167
8 Central Okanagan	51	20	37	108
9 Columbia-Shuswap	69	7	0	76
10 Comox-Strathcona	151	11	8	170
11 Cowichan Valley	82	14	56	152
12 Dewdney-Alouette	21	18	135	174
13 East Kootenay	102	12	46	160
14 Fraser-Cheam	58	21	6	85
15 Fraser-Fort George	65	19	32	116
17 Kitimat-Stikine	58	1	27	86
18 Kootenay Boundary	76	11	29	116
19 Mount Waddington	66	3	0	69
20 Nanaimo	56	20	59	135
21 North Okanagan	54	13	20	87
22 Okanagan-Similkameen	69	19	21	109
23 Peace River	72	6	30	108
24 Powell River	25	5	24	54
25 Skeena-Queen Charlotte	42	6	10	58
26 Squamish-Lillooet	70	11	25	106
27 Stikine	22	0	0	22
28 Sunshine Coast	34	3	2	39
29 Thompson-Nicola	117	37	6	160
30 Fort Nelson/Liard	19	1	0	20
Metropolitan - Subtotal	**298**	**423**	**1,742**	**2,463**
3 Capital	147	82	346	575
16 Greater Vancouver	151	341	1,396	1,888
TOTAL	**2,045**	**725**	**2,450**	**5,220**

[1] Includes 4 emergency medical assistants employed on a casual basis.

Prepared by:
Health Human Resources Unit
The University of British Columbia

PHARMACISTS

PHARMACISTS

Definition: A pharmacist

is responsible for the compounding, preparation and dispensing of a prescribed drug, the monitoring of drug therapy and use, the release of the drug to the patient with appropriate consultation, the safe and proper storage of the drug both within and without the pharmacy, and the distribution of specified non-prescription medications.[1]

Governing Statute: Pharmacists Act, Revised Statutes of British Columbia, 1979, Chapter 326, Sections 1-48 and 56-66; administered by the Ministry of Health.

Governing Body: The College of Pharmacists of British Columbia (CPBC). In order to practise as a pharmacist in British Columbia, it is necessary to be registered by the College.

Date of Record: December 1991 and December 1992.

Source of Data: The College of Pharmacists of British Columbia (CPBC).

Preparation and Updating:

The tables that follow have been prepared from registration data maintained by the CPBC and include licensed pharmacists who reported a British Columbia address at the date of record.

Definition of Terms:

1. Pharmacists

Table 1 reports the number of pharmacists in British Columbia, the number of pharmacists per 10,000 population in the province, and the annual rate of change in these figures.

2. Age and Sex

Age and sex information on pharmacists is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

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[1] From information provided by the College of Pharmacists of British Columbia.

3. Employment Status, Type of Employer, and Type of Position

Pharmaceutical employment status is reported based on Type of Employer in Table 3, and according to Type of Position in Table 4. In Table 3, the following categories are used:

(a) Employed in Pharmacy

- in a hospital pharmacy
- in a community pharmacy
- in other settings

(b) Not Employed in Pharmacy

In Table 4, pharmacists are displayed by type of position using the following categories:

(a) Employed in Pharmacy

(i) Manager - dispensing
- who have and can confer upon others narcotic signing authority

(ii) Non-manager - dispensing
- who may have narcotic signing authority but who cannot confer it upon others

(b) Not Employed in Pharmacy

4. Analysis of Change

Table 5 illustrates the sources of change which affected the stock of pharmacists from December 1991 to December 1992.

New registrants are pharmacists included in the December 1992 stock who registered with the College of Pharmacists of British Columbia *for the first time* subsequent to December 1991. New registrants are recorded according to their place of graduation: i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent pharmacists who were not licensed in British Columbia in December 1991, but were licensed in the province in December 1992, and whose date of initial registration was before December 1991. Also included are licensed pharmacists who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes pharmacists who were included in the December 1991 stock but who, because of death, retirement, suspension, out-of-province relocation or non-renewal of licensure were not included in the December 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration: it records the flow of pharmacists among different Regional Hospital Districts. The net migration total is therefore zero.

Pharmacists
per 10,000 Population
by Regional Hospital District
December 1992
N=2506

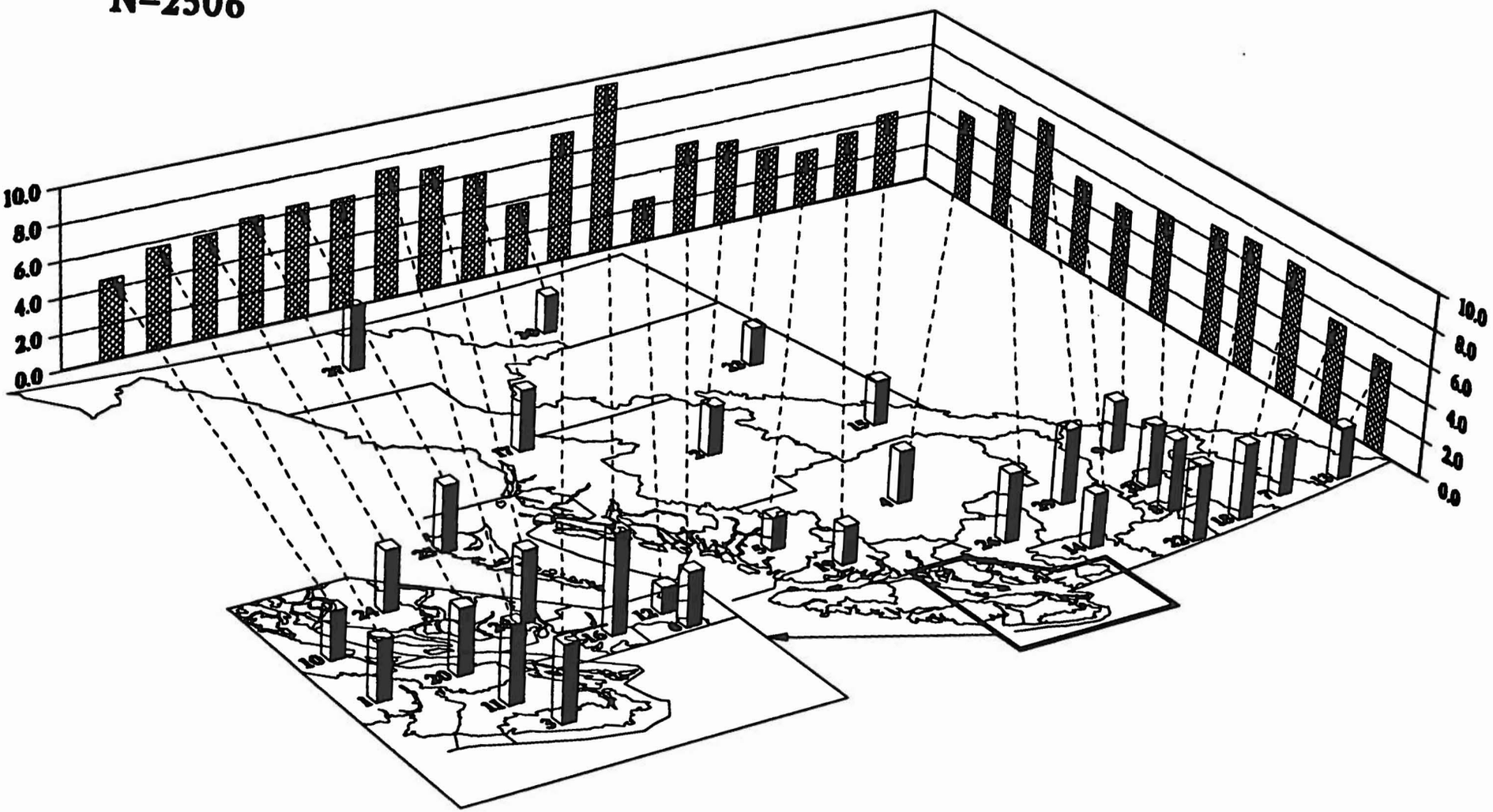

Table 1

Pharmacists in British Columbia

by Regional Hospital District

December 1991[1] and December 1992

Regional Hospital District	Number		Number per 10,000 Population		Annual Rate of Change	
	1991	1992	1991	1992	Number[2]	Ratio[3]
Non-Metropolitan - Subtotal	**772**	**800**	**5.52**	**5.58**	**3.63**	**1.08**
1 Alberni-Clayoquot	15	17	4.97	5.69	13.33	14.68
2 Bulkley-Nechako	14	18	3.74	4.76	28.57	27.38
4 Cariboo	28	30	4.80	5.09	7.14	6.23
5 Central Coast	2	1	6.36	3.17	*	*
6 Central Fraser Valley	42	46	4.97	5.17	9.52	4.11
7 Central Kootenay	29	29	5.69	5.57	0.00	-2.05
8 Central Okanagan	73	79	6.69	6.88	8.22	2.87
9 Columbia-Shuswap	21	21	5.08	5.01	0.00	-1.29
10 Comox-Strathcona	42	38	5.15	4.53	-9.52	-11.94
11 Cowichan Valley	42	45	7.07	7.34	7.14	3.89
12 Dewdney-Alouette	22	23	2.47	2.48	4.55	0.68
13 East Kootenay	26	24	5.37	5.01	-7.69	-6.69
14 Fraser-Cheam	31	37	4.50	5.20	19.35	15.47
15 Fraser-Fort George	40	38	4.65	4.38	-5.00	-5.90
17 Kitimat-Stikine	24	24	6.08	6.01	0.00	-1.08
18 Kootenay Boundary	21	23	6.77	7.31	9.52	7.95
19 Mount Waddington	5	5	3.67	3.71	*	*
20 Nanaimo	62	63	6.37	6.22	1.61	-2.29
21 North Okanagan	37	37	6.19	6.01	0.00	-2.90
22 Okanagan-Similkameen	48	50	7.23	7.25	4.17	0.29
23 Peace River	23	20	4.47	3.80	-13.04	-14.95
24 Powell River	10	11	5.35	5.80	10.00	8.50
25 Skeena-Queen Charlotte	12	15	5.16	6.39	25.00	23.87
26 Squamish-Lillooet	14	15	6.36	6.69	7.14	5.14
27 Stikine	0	1	0.00	6.24	*	*
28 Sunshine Coast	14	14	6.98	6.88	0.00	-1.45
29 Thompson-Nicola	73	74	7.27	7.27	1.37	0.05
30 Fort Nelson/Liard	2	2	3.98	3.78	*	*
Metropolitan - Subtotal	**1,667**	**1,706**	**9.19**	**9.18**	**2.34**	**-0.10**
3 Capital	226	221	7.58	7.26	-2.21	-4.31
16 Greater Vancouver	1,441	1,485	9.50	9.56	3.05	0.55
TOTAL	**2,439**	**2,506**	**7.59**	**7.61**	**2.75**	**0.26**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of errors in the method of calculation used for ROLLCALL 91 pharmacists. Also, see Foreword.

[2] Rate of change (in percent) in the number.

[3] Rate of change (in percent) in the number 10,000 population.

* Indicates that the base for the rate of change is less than 10.

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Table 2

Pharmacists in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	15	15	114	128	122	115	107	41	83	11	26	3	467	313	20	800
1 Alberni-Clayoquot	0	0	1	3	4	3	3	1	1	0	0	0	9	7	1	17
2 Bulkley-Nechako	1	0	4	2	3	2	6	0	0	0	0	0	14	4	0	18
4 Cariboo	2	1	9	2	5	1	4	2	3	1	0	0	23	7	0	30
5 Central Coast	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1
6 Central Fraser Valley	0	2	4	10	12	8	3	3	3	0	0	1	22	24	0	46
7 Central Kootenay	0	1	2	3	4	6	5	1	2	1	2	0	15	12	2	29
8 Central Okanagan	1	1	8	9	15	12	13	5	11	0	1	0	49	27	3	79
9 Columbia-Shuswap	0	0	8	5	3	1	0	0	3	0	0	0	14	6	1	21
10 Comox-Strathcona	0	0	7	8	7	6	1	0	5	1	2	0	22	15	1	38
11 Cowichan Valley	1	1	5	10	5	6	6	5	2	2	1	0	20	24	1	45
12 Dewdney-Alouette	2	0	2	3	1	6	4	1	1	0	2	0	12	10	1	23
13 East Kootenay	0	0	2	2	5	3	2	4	2	0	1	1	12	10	2	24
14 Fraser-Cheam	2	0	5	8	4	2	4	1	6	1	4	0	25	12	0	37
15 Fraser-Fort George	0	0	4	13	2	6	5	2	3	0	2	0	16	21	1	38
17 Kitimat-Stikine	0	0	8	5	0	4	5	1	1	0	0	0	14	10	0	24
18 Kootenay Boundary	1	3	4	2	2	4	1	0	5	1	0	0	13	10	0	23
19 Mount Waddington	0	0	2	1	0	0	2	0	0	0	0	0	4	1	0	5
20 Nanaimo	0	2	14	6	10	11	8	2	6	0	2	1	40	22	1	63
21 North Okanagan	1	1	4	4	8	6	7	0	3	0	2	0	25	11	1	37
22 Okanagan-Similkameen	0	0	4	3	7	7	10	3	8	3	4	0	33	16	1	50
23 Peace River	1	1	3	1	4	3	3	2	2	0	0	0	13	7	0	20
24 Powell River	0	0	0	4	0	2	4	0	0	1	0	0	4	7	0	11
25 Skeena-Queen Charlotte	0	1	5	3	3	1	1	1	0	0	0	0	9	6	0	15
26 Squamish-Lillooet	0	0	2	3	1	4	0	0	3	0	1	0	7	7	1	15
27 Stikine	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
28 Sunshine Coast	0	0	2	1	2	1	3	1	4	0	0	0	11	3	0	14
29 Thompson-Nicola	3	1	5	17	13	8	7	6	9	0	2	0	39	32	3	74
30 Fort Nelson/Liard	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	2
Metropolitan - Subtotal	32	54	220	361	282	286	124	109	118	27	43	12	819	849	38	1,706
3 Capital	0	4	27	28	44	35	24	19	20	6	8	1	123	93	5	221
16 Greater Vancouver	32	50	193	333	238	251	100	90	98	21	35	11	696	756	33	1,485
TOTAL	47	69	334	489	404	401	231	150	201	38	69	15	1,286	1,162	58	2,506

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Health Human Resources Unit
The University of British Columbia

Table 3

Pharmacists in British Columbia

by Regional Hospital District by Employment Status and Type of Employer

December 1992

Regional Hospital District	Employed in Pharmacy: Community Pharmacy	Employed in Pharmacy: Hospital Pharmacy	Employed in Pharmacy: Other	Employed in Pharmacy: Subtotal	Not Employed in Pharmacy	Total
Non-Metropolitan - Subtotal	**615**	**124**	**5**	**744**	**56**	**800**
1 Alberni-Clayoquot	14	3	0	17	0	17
2 Bulkley-Nechako	15	2	0	17	1	18
4 Cariboo	26	4	0	30	0	30
5 Central Coast	0	1	0	1	0	1
6 Central Fraser Valley	32	10	1	43	3	46
7 Central Kootenay	24	4	0	28	1	29
8 Central Okanagan	57	13	0	70	9	79
9 Columbia-Shuswap	15	5	0	20	1	21
10 Comox-Strathcona	27	7	1	35	3	38
11 Cowichan Valley	34	6	0	40	5	45
12 Dewdney-Alouette	16	5	1	22	1	23
13 East Kootenay	17	4	0	21	3	24
14 Fraser-Cheam	29	5	1	35	2	37
15 Fraser-Fort George	29	6	0	35	3	38
17 Kitimat-Stikine	21	3	0	24	0	24
18 Kootenay Boundary	21	2	0	23	0	23
19 Mount Waddington	4	0	0	4	1	5
20 Nanaimo	55	3	0	58	5	63
21 North Okanagan	27	4	1	32	5	37
22 Okanagan-Similkameen	37	9	0	46	4	50
23 Peace River	15	4	0	19	1	20
24 Powell River	9	1	0	10	1	11
25 Skeena-Queen Charlotte	12	2	0	14	1	15
26 Squamish-Lillooet	14	1	0	15	0	15
27 Stikine	0	0	0	0	1	1
28 Sunshine Coast	13	1	0	14	0	14
29 Thompson-Nicola	50	19	0	69	5	74
30 Fort Nelson/Liard	2	0	0	2	0	2
Metropolitan - Subtotal	**1,047**	**382**	**60**	**1,489**	**217**	**1,706**
3 Capital	153	47	5	205	16	221
16 Greater Vancouver	894	335	55	1,284	201	1,485
TOTAL	**1,662**	**506**	**65**	**2,233**	**273**	**2,506**

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Table 4

Pharmacists in British Columbia

by Regional Hospital District by Employment Status and Type of Position

December 1992

Regional Hospital District	Employed in Pharmacy: Dispensing Pharmacist: Manager	Employed in Pharmacy: Dispensing Pharmacist: Non-Manager	Employed in Pharmacy: Other	Employed in Pharmacy: Subtotal	Not Employed in Pharmacy	Total
Non-Metropolitan - Subtotal	**292**	**448**	**4**	**744**	**56**	**800**
1 Alberni-Clayoquot	9	8	0	17	0	17
2 Bulkley-Nechako	9	8	0	17	1	18
4 Cariboo	14	16	0	30	0	30
5 Central Coast	1	0	0	1	0	1
6 Central Fraser Valley	14	28	1	43	3	46
7 Central Kootenay	12	16	0	28	1	29
8 Central Okanagan	22	48	0	70	9	79
9 Columbia-Shuswap	8	12	0	20	1	21
10 Comox-Strathcona	14	20	1	35	3	38
11 Cowichan Valley	13	27	0	40	5	45
12 Dewdney-Alouette	10	11	1	22	1	23
13 East Kootenay	11	10	0	21	3	24
14 Fraser-Cheam	13	21	1	35	2	37
15 Fraser-Fort George	14	21	0	35	3	38
17 Kitimat-Stikine	10	14	0	24	0	24
18 Kootenay Boundary	8	15	0	23	0	23
19 Mount Waddington	3	1	0	4	1	5
20 Nanaimo	20	38	0	58	5	63
21 North Okanagan	12	20	0	32	5	37
22 Okanagan-Similkameen	18	28	0	46	4	50
23 Peace River	10	9	0	19	1	20
24 Powell River	4	6	0	10	1	11
25 Skeena-Queen Charlotte	5	9	0	14	1	15
26 Squamish-Lillooet	6	9	0	15	0	15
27 Stikine	0	0	0	0	1	1
28 Sunshine Coast	8	6	0	14	0	14
29 Thompson-Nicola	23	46	0	69	5	74
30 Fort Nelson/Liard	1	1	0	2	0	2
Metropolitan - Subtotal	**431**	**999**	**59**	**1,489**	**217**	**1,706**
3 Capital	73	127	5	205	16	221
16 Greater Vancouver	358	872	54	1,284	201	1,485
TOTAL	**723**	**1,447**	**63**	**2,233**	**273**	**2,506**

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Table 5

Analysis of Change in the Number of Pharmacists in British Columbia

by Regional Hospital District

December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Unknown	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	**772**	**26**	**11**	**1**	**3**	**41**	**9**	**27**	**5**	**800**
1 Alberni-Clayoquot	15	1	0	0	0	1	0	0	1	17
2 Bulkley-Nechako	14	2	0	0	0	2	1	0	1	18
4 Cariboo	28	2	0	0	0	2	0	0	0	30
5 Central Coast	2	0	0	0	0	0	0	1	0	1
6 Central Fraser Valley	42	1	1	0	0	2	1	3	4	46
7 Central Kootenay	29	1	0	0	0	1	0	1	0	29
8 Central Okanagan	73	3	3	0	0	6	1	3	2	79
9 Columbia-Shuswap	21	0	0	0	0	0	0	1	1	21
10 Comox-Strathcona	42	0	0	0	0	0	0	2	-2	38
11 Cowichan Valley	42	1	0	0	0	1	0	3	5	45
12 Dewdney-Alouette	22	0	1	0	1	2	0	0	-1	23
13 East Kootenay	26	0	1	0	0	1	0	0	-3	24
14 Fraser-Cheam	31	0	0	0	0	0	1	1	6	37
15 Fraser-Fort George	40	1	1	0	0	2	0	1	-3	38
17 Kitimat-Stikine	24	0	0	1	1	2	0	0	-2	24
18 Kootenay Boundary	21	2	1	0	1	4	0	0	-2	23
19 Mount Waddington	5	1	0	0	0	1	0	0	-1	5
20 Nanaimo	62	1	1	0	0	2	3	5	1	63
21 North Okanagan	37	2	0	0	0	2	0	1	-1	37
22 Okanagan-Similkameen	48	0	1	0	0	1	0	0	1	50
23 Peace River	23	1	0	0	0	1	0	1	-3	20
24 Powell River	10	1	0	0	0	1	0	0	0	11
25 Skeena-Queen Charlotte	12	2	1	0	0	3	1	0	-1	15
26 Squamish-Lillooet	14	1	0	0	0	1	0	0	0	15
27 Stikine	0	0	0	0	0	0	0	0	1	1
28 Sunshine Coast	14	0	0	0	0	0	0	2	2	14
29 Thompson-Nicola	73	3	0	0	0	3	1	2	-1	74
30 Fort Nelson/Liard	2	0	0	0	0	0	0	0	0	2
Metropolitan - Subtotal	**1,667**	**75**	**11**	**13**	**1**	**100**	**19**	**75**	**-5**	**1,706**
3 Capital	226	1	1	1	0	3	5	13	0	221
16 Greater Vancouver	1,441	74	10	12	1	97	14	62	-5	1,485
TOTAL	**2,439**	**101**	**22**	**14**	**4**	**141**	**28**	**102**	**0**	**2,506**

[1] Pharmacists who reported B.C. addresses and were registered in December 1992 and whose date of initial registration was after December 1991.

[2] Pharmacists who reported B.C. addresses and were registered in December 1992 but not in December 1991 and who were registered for the first time before December 1991.

[3] Pharmacists who reported B.C. addresses and were registered in December 1991 but not in December 1992.

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PHYSICIANS

PHYSICIANS

Definition: A physician in general practice

"diagnoses and treats diseases, disorders and injuries of the human body.

Questions and examines patient. Orders and performs laboratory tests, X-rays and other diagnostic procedures. Analyzes reports and findings of tests, X-rays and examination to diagnose condition. Prescribes and administers treatments and drugs. Prescribes physiotherapy and other remedial treatments. Inoculates and vaccinates patient to prevent communicable diseases. Advises patients to follow good diet, exercise and other health habits to aid in prevention of disease and disorders. Provides pre- and post-natal care, and delivers babies. Reports births, deaths and contagious diseases to governmental authorities. Refers patients to specialists, and assists in surgical procedures. Conducts insurance and pre-employment physical examinations. Performs surgery, if required."[1]

Governing Statute: Medical Practitioners Act, Revised Statutes of British Columbia, 1979, Chapter 254; Health Statutes Amendment Act, 1990, Chapter 51, Sections 20-24; administered by the Ministry of Health.

Governing Body: The College of Physicians and Surgeons of British Columbia (CPSBC). CPSBC registration is a requirement of medical practice in British Columbia.

Date of Record: January 1992 and September 1992.

Sources of Data: The College of Physicians and Surgeons of British Columbia, Medical Services Commission of British Columbia (MSC), and teaching hospitals and institutions in British Columbia.

Preparation and Updating:

The tables, derived from the CPSBC physician database, include physicians who reported a British Columbia address at the date of record.

Due to the unusually short period between the dates of record for physician data in comparison to that for population estimates, the adjusted annual rates of change in the number of physicians per 10,000 population, as reported in Tables 1c and 3c, are slightly underestimated compared to rates estimated when both the numerator and denominator cover the same period. Inconsistencies in dates of record are a rare phenomenon; even in this extreme case, the increase in the readjusted (for population estimate) provincial rate of change for the non-postgraduate physician/population ratio, from that shown in Table 1c, is only 0.35.

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[1] *Canadian Classification and Dictionary of Occupations 1980.*
Major Group 31, No. 3111-166, p. 49, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Registration Status

Tables 1a, 1b, and 1c include those physicians who, at the date of record, were registered by the CPSBC as Directory Active in British Columbia and were licensed to practise medicine. Directory Active includes physicians who are on the full, special, or temporary registers. The temporary register includes those who are in postgraduate training or who have a temporary licence to practise. In the tables that follow, Directory Active physicians are reported as either:

a) *Non-Postgraduate* - i.e. Directory Active physicians who, according to the records of the CPSBC, are not involved in postgraduate work, or;

b) *Postgraduate* - i.e. Directory Active Physicians who, according to the records of the CPSBC, are involved in postgraduate work. They may be fully registered or on the temporary (educational) register.

2. Age and Sex

Table 2 reports age and sex information on non-postgraduate physicians. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Specialty

Those physicians who are not in postgraduate training have been assigned to a specialty or specialty group according to the following criteria:

The MSC specialty code, based on billings volume and developed to assess practice profiles, is used unless:

(a) the physician has certification in *Family Medicine* from the College of Family Physicians of Canada, in which case the *specialty* is coded as *Family Practice*, or

(b) the physician has no MSC specialty, in which case the most recent Royal College of Physicians and Surgeons of Canada (RCPSC) specialty will be used.

The MSC specialty code may not necessarily reflect the actual MSC specialty field at the date of record. For January 1992 the MSC specialty codes for December 1991 were used, while for September 1992 the MSC specialty codes for March 1992 were used.

Tables 3a, 3b, and 3c group the physicians into broad specialty groups as follows:

a) *General Practice* includes physicians with RCPSC certification in *Family Medicine* and the MSC specialty code:

00 General Practice

b) *Clinical Specialties* includes the MSC specialty codes:

01 Dermatology
02 Neurology
03 Psychiatry
04 Neuropsychiatry
14 Paediatrics
15 Internal Medicine
16 Radiology
18 Anaesthesia
20 Physical Medicine and Rehabilitation
21 Community Medicine
33 Nuclear Medicine

and the following RCPSC specialties:

Anaesthesia
Cardiology
Clinical Immunology
Community Medicine
Dermatology
Dermatology and Syphilology[2]
Diagnostic Radiology
Emergency Medicine
Gastroenterology
Geriatric Medicine
Haematology
Internal Medicine
Internal Medicine, T.B.[2]
Nephrology
Neurology
Nuclear Medicine
Paediatrics
Paediatric Cardiology
Physical Medicine and Rehabilitation
Psychiatry
Public Health[2]
Radiation Oncology
Respiratory Medicine
Rheumatology
Therapeutic Radiology[2]

---

[2] Program no longer offered by the RCPSC under this designation.

c) *Laboratory Medicine Specialties* includes the MSC specialty codes:

17 Pathology and Bacteriology
29 Medical Microbiology

and the following RCPSC specialties:

Anatomical Pathology
Bacteriology[3]
General Pathology
Haematological Pathology
Medical Biochemistry
Medical Microbiology
Neuropathology
Pathology[3]

d) *Surgical Specialties* includes the MSC specialty codes:

05 Obstetrics and Gynaecology
06 Ophthalmology
07 Otolaryngology
08 General Surgery
09 Neurosurgery
10 Orthopaedic Surgery
11 Plastic Surgery
12 Thoracic and Cardiovascular Surgery
13 Urology
19 Otolaryngology and Ophthalmology

and the comparable RCPSC specialties with the addition of:

Paediatric General Surgery
Vascular Surgery

[3] Program no longer offered by the RCPSC under this designation.

Tables 4a and 4b disaggregate physicians into specific MSC specialties as follows:

(a) General Practice
(b) Family Practice
(c) Anaesthesia
(d) Community Medicine[4]
(e) Dermatology[5]
(f) Emergency Medicine[6]
(g) General Surgery[7]
(h) Internal Medicine[8]
(i) Medical Microbiology
(j) Neurology
(k) Neuropsychiatry
(l) Neurosurgery
(m) Nuclear Medicine
(n) Obstetrics and Gynaecology
(o) Ophthalmology
(p) Orthopaedic Surgery
(q) Otolaryngology
(r) Paediatrics[9]
(s) Pathology[10]
(t) Physical Medicine
(u) Plastic Surgery
(v) Psychiatry
(w) Radiology[11]
(x) Thoracic Surgery[12]
(y) Urology
(z) Vascular Surgery

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[4] Includes the old specialty designation Public Health and the RCPSC specialty Occupational Medicine.
[5] Includes the old specialty designation Dermatology and Syphilology.
[6] Comprises the RCPSC specialty Emergency Medicine.
[7] Includes Paediatric General Surgery.
[8] Includes Cardiology, Clinical Immunology, Gastroenterology, Haematology, Respiratory Medicine, Geriatric Medicine, Rheumatology, and Nephrology.
[9] Includes Paediatric Cardiology;
[10] Includes Anatomical Pathology, General Pathology, Haematological Pathology, Medical Biochemistry, Neuropathology.
[11] Includes Diagnostic Radiology, Therapeutic Radiology, and Radiation Oncology.
[12] Includes Cardiovascular Surgery.

4. Analysis of Change

Table 5 illustrates the sources of change which affected the stock of non-postgraduate physicians from January to September 1992.

New registrants include non-postgraduate physicians who registered *for the first time* subsequent to January 1992 and were licensed to practise in September 1992. They are recorded according to their place of graduation i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations include those physicians with British Columbia addresses who, in January 1992, were registered but not licensed to practise in the province, but who were licensed to practise in the province in September 1992. It includes physicians who were registered and held postgraduate status as of January 1992, who held non-postgraduate status and were licensed to practise in the province in September 1992. Also included are directory active physicians who were out-of-province, or physicians who were not licensed to practise in British Columbia as of January 1992, but who were licensed to practise in the province in September 1992.

Attrition describes non-postgraduate physicians who were included in the January 1992 physician stock but who, because of death, retirement, non-renewal of licence, change to post-graduate status, or out-of-province relocation, were not included in the September 1992 physician stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of physicians among different regions of the province. The net migration total is therefore zero.

Directory Active Physicians per 10,000 Population by Regional Hospital District September 1992 N=7811

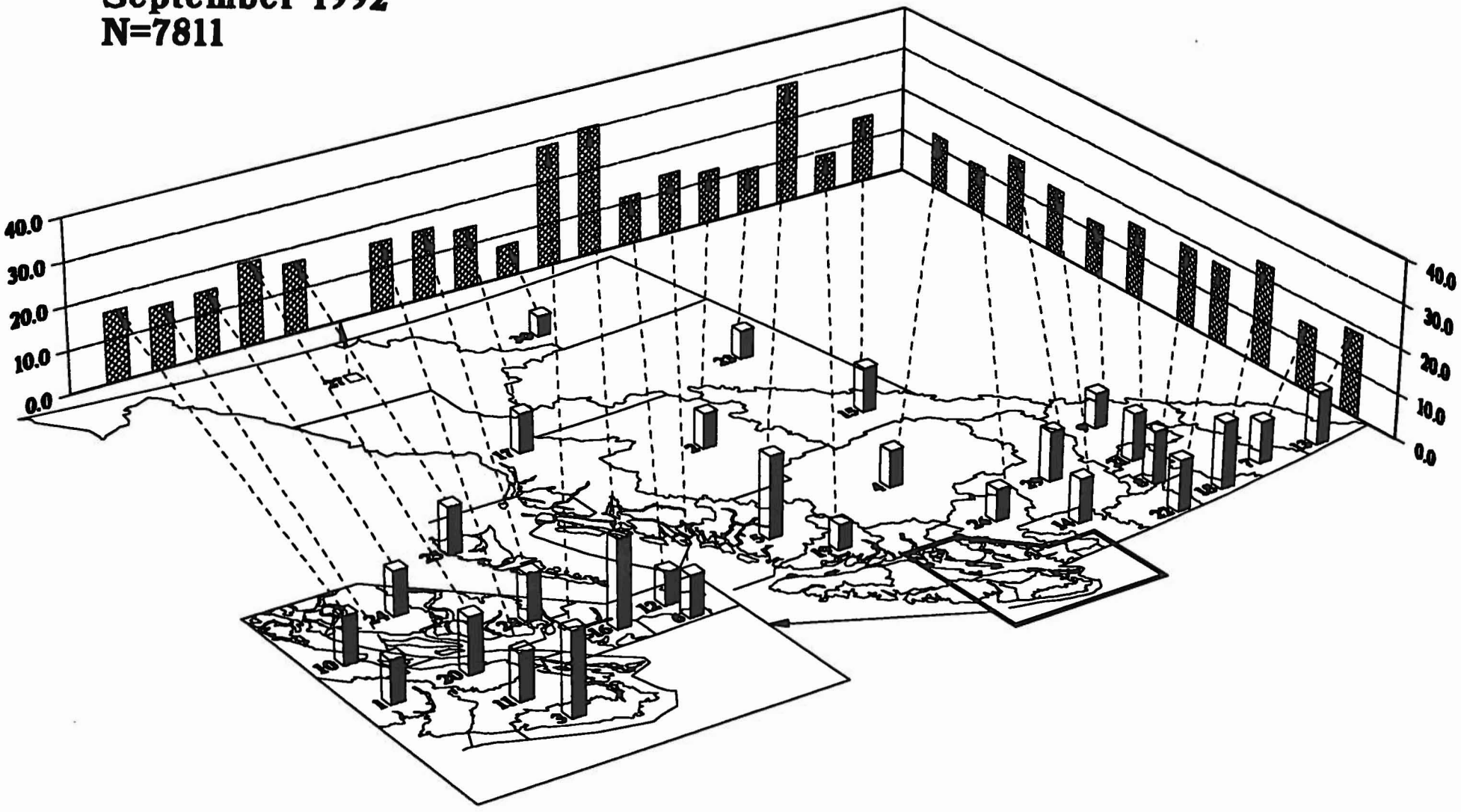

Table 1a

Directory Active Physicians in British Columbia
by Regional Hospital District by Registration Status
January 1992 and September 1992

Regional Hospital District	Non-Postgraduate		Postgraduate		Total	
	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992
Non-Metropolitan - Subtotal	**2,146**	**2,226**	**14**	**13**	**2,160**	**2,239**
1 Alberni-Clayoquot	41	44	0	0	41	44
2 Bulkley-Nechako	45	47	0	0	45	47
4 Cariboo	75	75	1	1	76	76
5 Central Coast	6	8	1	1	7	9
6 Central Fraser Valley	125	126	1	1	126	127
7 Central Kootenay	75	75	1	1	76	76
8 Central Okanagan	202	208	1	0	203	208
9 Columbia-Shuswap	49	51	0	1	49	52
10 Comox-Strathcona	123	137	0	0	123	137
11 Cowichan Valley	99	99	0	0	99	99
12 Dewdney-Alouette	105	105	0	1	105	106
13 East Kootenay	84	88	1	1	85	89
14 Fraser-Cheam	99	105	2	4	101	109
15 Fraser-Fort George	130	136	0	0	130	136
17 Kitimat-Stikine	52	56	0	0	52	56
18 Kootenay Boundary	73	73	0	0	73	73
19 Mount Waddington	10	12	1	0	11	12
20 Nanaimo	184	195	2	0	186	195
21 North Okanagan	98	103	0	0	98	103
22 Okanagan-Similkameen	120	123	0	0	120	123
23 Peace River	50	54	0	0	50	54
24 Powell River	29	29	0	0	29	29
25 Skeena-Queen Charlotte	33	38	1	1	34	39
26 Squamish-Lillooet	26	25	0	0	26	25
27 Stikine	1	0	0	0	1	0
28 Sunshine Coast	28	33	1	0	29	33
29 Thompson-Nicola	179	177	1	1	180	178
30 Fort Nelson/Liard	5	4	0	0	5	4
Metropolitan - Subtotal	**4,773**	**4,952**	**663**	**620**	**5,436**	**5,572**
3 Capital	809	837	34	30	843	867
16 Greater Vancouver	3,964	4,115	629	590	4,593	4,705
TOTAL	**6,919**	**7,178**	**677**	**633**	**7,596**	**7,811**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1b

Directory Active Physicians in British Columbia

per 10,000 Population by Regional Hospital District by Registration Status

January 1992[1] and September 1992

Regional Hospital District	Non-Postgraduate		Postgraduate		Total	
	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992
Non-Metropolitan - Subtotal	**15.34**	**15.52**	**0.10**	**0.09**	**15.44**	**15.61**
1 Alberni-Clayoquot	13.57	14.74	0.00	0.00	13.57	14.74
2 Bulkley-Nechako	12.02	12.44	0.00	0.00	12.02	12.44
4 Cariboo	12.84	12.74	0.17	0.17	13.02	12.91
5 Central Coast	19.08	25.35	3.18	3.17	22.26	28.52
6 Central Fraser Valley	14.79	14.17	0.12	0.11	14.91	14.29
7 Central Kootenay	14.71	14.41	0.20	0.19	14.90	14.60
8 Central Okanagan	18.50	18.11	0.09	0.00	18.59	18.11
9 Columbia-Shuswap	11.85	12.18	0.00	0.24	11.85	12.42
10 Comox-Strathcona	15.08	16.35	0.00	0.00	15.08	16.35
11 Cowichan Valley	16.66	16.16	0.00	0.00	16.66	16.16
12 Dewdney-Alouette	11.77	11.34	0.00	0.11	11.77	11.44
13 East Kootenay	17.36	18.38	0.21	0.21	17.56	18.59
14 Fraser-Cheam	14.37	14.75	0.29	0.56	14.66	15.31
15 Fraser-Fort George	15.11	15.66	0.00	0.00	15.11	15.66
17 Kitimat-Stikine	13.16	14.02	0.00	0.00	13.16	14.02
18 Kootenay Boundary	23.53	23.20	0.00	0.00	23.53	23.20
19 Mount Waddington	7.34	8.89	0.73	0.00	8.07	8.89
20 Nanaimo	18.90	19.26	0.21	0.00	19.10	19.26
21 North Okanagan	16.38	16.72	0.00	0.00	16.38	16.72
22 Okanagan-Similkameen	18.07	17.83	0.00	0.00	18.07	17.83
23 Peace River	9.71	10.26	0.00	0.00	9.71	10.26
24 Powell River	15.51	15.29	0.00	0.00	15.51	15.29
25 Skeena-Queen Charlotte	14.19	16.19	0.43	0.43	14.62	16.62
26 Squamish-Lillooet	11.81	11.14	0.00	0.00	11.81	11.14
27 Stikine	6.23	0.00	0.00	0.00	6.23	0.00
28 Sunshine Coast	13.96	16.22	0.50	0.00	14.46	16.22
29 Thompson-Nicola	17.82	17.39	0.10	0.10	17.92	17.49
30 Fort Nelson/Liard	9.95	7.56	0.00	0.00	9.95	7.56
Metropolitan - Subtotal	**26.31**	**26.65**	**3.65**	**3.34**	**29.97**	**29.98**
3 Capital	27.15	27.48	1.14	0.99	28.29	28.47
16 Greater Vancouver	26.15	26.48	4.15	3.80	30.29	30.28
TOTAL	**21.53**	**21.80**	**2.11**	**1.92**	**23.64**	**23.72**

[1] These figures differ from the corresponding figures for 1992 appearing in ROLLCALL 91. See Foreword.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change[1]: Directory Active Physicians in British Columbia by Regional Hospital District by Registration Status

January 1992 to September 1992

Regional Hospital District	Non-Postgraduate		Postgraduate		Total	
	Number[2]	Ratio[3]	Number[2]	Ratio[3]	Number[2]	Ratio[3]
Non-Metropolitan - Subtotal	**5.64**	**1.77**	**-10.52**	**-13.80**	**5.54**	**1.67**
1 Alberni-Clayoquot	11.17	13.16	*	*	11.17	13.16
2 Bulkley-Nechako	6.74	5.26	*	*	6.74	5.26
4 Cariboo	0.00	-1.27	*	*	0.00	-1.27
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	1.20	-6.20	*	*	1.19	-6.21
7 Central Kootenay	0.00	-3.05	*	*	0.00	-3.05
8 Central Okanagan	4.49	-3.17	*	*	3.72	-3.88
9 Columbia-Shuswap	6.18	4.13	*	*	9.32	7.21
10 Comox-Strathcona	17.55	12.88	*	*	17.55	12.88
11 Cowichan Valley	0.00	-4.53	*	*	0.00	-4.53
12 Dewdney-Alouette	0.00	-5.49	*	*	1.43	-4.14
13 East Kootenay	7.23	8.98	*	*	7.14	8.89
14 Fraser-Cheam	9.23	3.93	*	*	12.11	6.68
15 Fraser-Fort George	7.00	5.49	*	*	7.00	5.49
17 Kitimat-Stikine	11.76	9.95	*	*	11.76	9.95
18 Kootenay Boundary	0.00	-2.15	*	*	0.00	-2.15
19 Mount Waddington	31.45	33.53	*	*	13.94	15.75
20 Nanaimo	9.10	2.87	*	*	7.35	1.22
21 North Okanagan	7.75	3.10	*	*	7.75	3.10
22 Okanagan-Similkameen	3.77	-1.96	*	*	3.77	-1.96
23 Peace River	12.24	8.56	*	*	12.24	8.56
24 Powell River	0.00	-2.04	*	*	0.00	-2.04
25 Skeena-Queen Charlotte	23.57	21.89	*	*	22.85	21.18
26 Squamish-Lillooet	-5.71	-8.34	*	*	-5.71	-8.34
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	27.95	25.18	*	*	21.39	18.76
29 Thompson-Nicola	-1.67	-3.59	*	*	-1.66	-3.58
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	**5.68**	**1.92**	**-9.57**	**-12.79**	**3.78**	**0.08**
3 Capital	5.24	1.87	-17.12	-19.77	4.30	0.96
16 Greater Vancouver	5.77	1.93	-9.15	-12.45	3.68	-0.08
TOTAL	**5.67**	**1.86**	**-9.59**	**-12.85**	**4.28**	**0.52**

[1] An eight month rate of change has been adjusted to an annual figure.
[2] Rate of change (in percent) in the number.
[3] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Health Human Resources Unit
The University of British Columbia

Table 2

Non-Postgraduate Physicians in British Columbia
by Regional Hospital District by Age and Sex
September 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	0	0	259	119	642	141	503	61	318	19	148	9	1,870	349	7	2,226
1 Alberni-Clayoquot	0	0	4	2	17	4	6	3	5	0	2	0	34	9	1	44
2 Bulkley-Nechako	0	0	5	3	16	3	12	3	3	1	0	0	36	10	1	47
4 Cariboo	0	0	18	4	24	4	9	1	11	0	4	0	66	9	0	75
5 Central Coast	0	0	3	0	3	1	0	0	0	0	1	0	7	1	0	8
6 Central Fraser Valley	0	0	16	2	34	4	32	6	21	2	7	1	110	15	1	126
7 Central Kootenay	0	0	7	10	20	8	10	1	11	1	5	1	53	21	1	75
8 Central Okanagan	0	0	21	9	67	13	46	3	28	1	20	0	182	26	0	208
9 Columbia-Shuswap	0	0	4	3	13	5	13	4	7	0	1	1	38	13	0	51
10 Comox-Strathcona	0	0	17	7	43	9	31	7	16	1	6	0	113	24	0	137
11 Cowichan Valley	0	0	9	4	34	5	22	0	17	0	7	1	89	10	0	99
12 Dewdney-Alouette	0	0	13	6	31	7	27	4	12	0	5	0	88	17	0	105
13 East Kootenay	0	0	14	5	26	2	25	3	10	0	3	0	78	10	0	88
14 Fraser-Cheam	0	0	12	6	21	5	27	1	19	1	12	1	91	14	0	105
15 Fraser-Fort George	0	0	15	5	43	11	34	2	17	1	6	0	115	19	2	136
17 Kitimat-Stikine	0	0	8	4	14	3	16	2	7	0	2	0	47	9	0	56
18 Kootenay Boundary	0	0	10	5	20	7	14	0	7	0	9	1	60	13	0	73
19 Mount Waddington	0	0	6	1	1	0	3	0	0	0	1	0	11	1	0	12
20 Nanaimo	0	0	13	10	55	9	42	8	35	2	21	0	166	29	0	195
21 North Okanagan	0	0	11	5	25	3	27	2	19	1	10	0	92	11	0	103
22 Okanagan-Similkameen	0	0	8	7	30	7	33	3	21	2	9	2	101	21	1	123
23 Peace River	0	0	12	5	20	4	6	0	7	0	0	0	45	9	0	54
24 Powell River	0	0	1	1	7	2	6	2	8	1	1	0	23	6	0	29
25 Skeena-Queen Charlotte	0	0	7	5	13	4	4	0	2	0	3	0	29	9	0	38
26 Squamish-Lillooet	0	0	6	0	6	2	6	0	3	1	1	0	22	3	0	25
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	4	5	7	5	5	0	5	1	1	0	22	11	0	33
29 Thompson-Nicola	0	0	14	5	51	14	47	6	25	3	11	1	148	29	0	177
30 Fort Nelson/Liard	0	0	1	0	1	0	0	0	2	0	0	0	4	0	0	4
Metropolitan - Subtotal	3	3	488	354	1,117	485	1,018	217	684	91	445	36	3,755	1,186	11	4,952
3 Capital	1	0	62	50	186	62	190	34	132	10	109	0	680	156	1	837
16 Greater Vancouver	2	3	426	304	931	423	828	183	552	81	336	36	3,075	1,030	10	4,115
TOTAL	3	3	747	473	1,759	626	1,521	278	1,002	110	593	45	5,625	1,535	18	7,178

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Health Human Resources Unit
The University of British Columbia

Table 3a

Non-Postgraduate Physicians in British Columbia
by Regional Hospital District by Specialty Group
January 1992 and September 1992

Regional Hospital District	General Practice		Clinical Specialties		Laboratory Medicine Specialties		Surgical Specialties		Total	
	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992
Non-Metropolitan - Subtotal	**1,453**	**1,513**	**360**	**376**	**40**	**43**	**293**	**294**	**2,146**	**2,226**
1 Alberni-Clayoquot	32	34	5	4	1	1	3	5	41	44
2 Bulkley-Nechako	39	41	5	5	0	0	1	1	45	47
4 Cariboo	59	59	9	10	0	0	7	6	75	75
5 Central Coast	5	8	1	0	0	0	0	0	6	8
6 Central Fraser Valley	78	78	28	28	3	3	16	17	125	126
7 Central Kootenay	64	66	7	6	1	1	3	2	75	75
8 Central Okanagan	104	113	51	52	6	5	41	38	202	208
9 Columbia-Shuswap	39	40	8	9	0	0	2	2	49	51
10 Comox-Strathcona	87	94	19	24	2	3	15	16	123	137
11 Cowichan Valley	69	68	16	17	1	2	13	12	99	99
12 Dewdney-Alouette	81	81	13	13	0	0	11	11	105	105
13 East Kootenay	60	63	14	16	0	0	10	9	84	88
14 Fraser-Cheam	66	71	14	15	4	3	15	16	99	105
15 Fraser-Fort George	79	84	21	23	5	5	25	24	130	136
17 Kitimat-Stikine	43	46	3	4	1	1	5	5	52	56
18 Kootenay Boundary	55	54	11	12	1	1	6	6	73	73
19 Mount Waddington	10	12	0	0	0	0	0	0	10	12
20 Nanaimo	105	112	44	45	3	4	32	34	184	195
21 North Okanagan	59	61	19	20	2	4	18	18	98	103
22 Okanagan-Similkameen	75	75	26	28	2	2	17	18	120	123
23 Peace River	37	44	5	3	1	1	7	6	50	54
24 Powell River	21	21	4	4	0	0	4	4	29	29
25 Skeena-Queen Charlotte	29	33	1	1	0	0	3	4	33	38
26 Squamish-Lillooet	25	24	1	1	0	0	0	0	26	25
27 Stikine	1	0	0	0	0	0	0	0	1	0
28 Sunshine Coast	26	30	1	1	0	0	1	2	28	33
29 Thompson-Nicola	101	98	34	35	7	7	37	37	179	177
30 Fort Nelson/Liard	4	3	0	0	0	0	1	1	5	4
Metropolitan - Subtotal	**2,444**	**2,561**	**1,513**	**1,562**	**149**	**155**	**667**	**674**	**4,773**	**4,952**
3 Capital	459	483	218	220	16	16	116	118	809	837
16 Greater Vancouver	1,985	2,078	1,295	1,342	133	139	551	556	3,964	4,115
TOTAL	**3,897**	**4,074**	**1,873**	**1,938**	**189**	**198**	**960**	**968**	**6,919**	**7,178**

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Table 3b

Non-Postgraduate Physicians in British Columbia

per 10,000 Population by Regional Hospital District by Specialty Group

January 1992[1] and September 1992

Regional Hospital District	General Practice		Clinical Specialties		Laboratory Medicine Specialties		Surgical Specialties		Total	
	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992	January 1992	September 1992
Non-Metropolitan - Subtotal	**10.39**	**10.55**	**2.57**	**2.62**	**0.29**	**0.30**	**2.09**	**2.05**	**15.34**	**15.52**
1 Alberni-Clayoquot	10.59	11.39	1.66	1.34	0.33	0.33	0.99	1.67	13.57	14.74
2 Bulkley-Nechako	10.42	10.85	1.34	1.32	0.00	0.00	0.27	0.26	12.02	12.44
4 Cariboo	10.10	10.02	1.54	1.70	0.00	0.00	1.20	1.02	12.84	12.74
5 Central Coast	15.90	25.35	3.18	0.00	0.00	0.00	0.00	0.00	19.08	25.35
6 Central Fraser Valley	9.23	8.77	3.31	3.15	0.36	0.34	1.89	1.91	14.79	14.17
7 Central Kootenay	12.55	12.68	1.37	1.15	0.20	0.19	0.59	0.38	14.71	14.41
8 Central Okanagan	9.52	9.84	4.67	4.53	0.55	0.44	3.75	3.31	18.50	18.11
9 Columbia-Shuswap	9.43	9.55	1.94	2.15	0.00	0.00	0.48	0.48	11.85	12.18
10 Comox-Strathcona	10.67	11.22	2.33	2.86	0.25	0.36	1.84	1.91	15.08	16.35
11 Cowichan Valley	11.61	11.10	2.69	2.77	0.17	0.33	2.19	1.96	16.66	16.16
12 Dewdney-Alouette	9.08	8.74	1.46	1.40	0.00	0.00	1.23	1.19	11.77	11.34
13 East Kootenay	12.40	13.16	2.89	3.34	0.00	0.00	2.07	1.88	17.36	18.38
14 Fraser-Cheam	9.58	9.97	2.03	2.11	0.58	0.42	2.18	2.25	14.37	14.75
15 Fraser-Fort George	9.18	9.67	2.44	2.65	0.58	0.58	2.91	2.76	15.11	15.66
17 Kitimat-Stikine	10.89	11.52	0.76	1.00	0.25	0.25	1.27	1.25	13.16	14.02
18 Kootenay Boundary	17.73	17.16	3.55	3.81	0.32	0.32	1.93	1.91	23.53	23.20
19 Mount Waddington	7.34	8.89	0.00	0.00	0.00	0.00	0.00	0.00	7.34	8.89
20 Nanaimo	10.78	11.06	4.52	4.44	0.31	0.40	3.29	3.36	18.90	19.26
21 North Okanagan	9.86	9.90	3.18	3.25	0.33	0.65	3.01	2.92	16.38	16.72
22 Okanagan-Similkameen	11.29	10.87	3.92	4.06	0.30	0.29	2.56	2.61	18.07	17.83
23 Peace River	7.19	8.36	0.97	0.57	0.19	0.19	1.36	1.14	9.71	10.26
24 Powell River	11.23	11.08	2.14	2.11	0.00	0.00	2.14	2.11	15.51	15.29
25 Skeena-Queen Charlotte	12.47	14.06	0.43	0.43	0.00	0.00	1.29	1.70	14.19	16.19
26 Squamish-Lillooet	11.35	10.70	0.45	0.45	0.00	0.00	0.00	0.00	11.81	11.14
27 Stikine	6.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.23	0.00
28 Sunshine Coast	12.96	14.74	0.50	0.49	0.00	0.00	0.50	0.98	13.96	16.22
29 Thompson-Nicola	10.06	9.63	3.39	3.44	0.70	0.69	3.68	3.64	17.82	17.39
30 Fort Nelson/Liard	7.96	5.67	0.00	0.00	0.00	0.00	1.99	1.89	9.95	7.56
Metropolitan - Subtotal	**13.47**	**13.78**	**8.34**	**8.40**	**0.82**	**0.83**	**3.68**	**3.63**	**26.31**	**26.65**
3 Capital	15.40	15.86	7.31	7.22	0.54	0.53	3.89	3.87	27.15	27.48
16 Greater Vancouver	13.09	13.37	8.54	8.64	0.88	0.89	3.63	3.58	26.15	26.48
TOTAL	**12.13**	**12.37**	**5.83**	**5.89**	**0.59**	**0.60**	**2.99**	**2.94**	**21.53**	**21.80**

[1] These figures differ from the corresponding figures for 1992 appearing in ROLLCALL 91. See Foreword.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3c

Annual Rate of Change[1]: Non-Postgraduate Physicians in British Columbia by Regional Hospital District by Registration Status January 1992 to September 1992

Regional Hospital District	General Practice		Clinical Specialties		Laboratory Medicine Specialties		Surgical Specialties		Total	
	Number[2]	Ratio[3]	Number[2]	Ratio[3]	Number[2]	Ratio[3]	Number[2]	Ratio[3]	Number[2]	Ratio[3]
Non-Metropolitan - Subtotal	6.26	2.37	6.74	2.83	11.46	7.38	0.51	-3.17	5.64	1.77
1 Alberni-Clayoquot	9.52	11.47	*	*	*	*	*	*	11.17	13.16
2 Bulkley-Nechako	7.79	6.30	*	*	*	*	*	*	6.74	5.26
4 Cariboo	0.00	-1.27	*	*	*	*	*	*	0.00	-1.27
5 Central Coast	*	*	*	*	*	*	*	*	*	*
6 Central Fraser Valley	0.00	-7.32	0.00	-7.32	*	*	9.52	1.50	1.20	-6.20
7 Central Kootenay	4.72	1.53	*	*	*	*	*	*	0.00	-3.05
8 Central Okanagan	13.26	4.96	2.96	-4.59	*	*	-10.77	-17.31	4.49	-3.17
9 Columbia-Shuswap	3.87	1.86	*	*	*	*	*	*	6.18	4.13
10 Comox-Strathcona	12.31	7.85	41.97	36.33	*	*	10.16	5.79	17.55	12.88
11 Cowichan Valley	-2.17	-6.59	9.52	4.56	*	*	-11.31	-15.33	0.00	-4.53
12 Dewdney-Alouette	0.00	-5.49	0.00	-5.49	*	*	0.00	-5.49	0.00	-5.49
13 East Kootenay	7.59	9.35	22.18	24.17	*	*	-14.62	-13.23	7.23	8.98
14 Fraser-Cheam	11.58	6.17	10.90	5.53	*	*	10.16	4.83	9.23	3.93
15 Fraser-Fort George	9.64	8.09	14.62	13.00	*	*	-5.94	-7.27	7.00	5.49
17 Kitimat-Stikine	10.65	8.85	*	*	*	*	*	*	11.76	9.95
18 Kootenay Boundary	-2.71	-4.81	13.94	11.49	*	*	*	*	0.00	-2.15
19 Mount Waddington	31.45	33.53	*	*	*	*	*	*	31.45	33.53
20 Nanaimo	10.16	3.87	3.43	-2.48	*	*	9.52	3.27	9.10	2.87
21 North Okanagan	5.13	0.59	8.00	3.34	*	*	0.00	-4.32	7.75	3.10
22 Okanagan-Similkameen	0.00	-5.52	11.76	5.58	*	*	8.95	2.93	3.77	-1.96
23 Peace River	29.68	25.44	*	*	*	*	*	*	12.24	8.56
24 Powell River	0.00	-2.04	*	*	*	*	*	*	0.00	-2.04
25 Skeena-Queen Charlotte	21.39	19.74	*	*	*	*	*	*	23.57	21.89
26 Squamish-Lillooet	-5.94	-8.56	*	*	*	*	*	*	-5.71	-8.34
27 Stikine	*	*	*	*	*	*	*	*	*	*
28 Sunshine Coast	23.94	21.26	*	*	*	*	*	*	27.95	25.18
29 Thompson-Nicola	-4.42	-6.28	4.44	2.41	*	*	0.00	-1.95	-1.67	-3.59
30 Fort Nelson/Liard	*	*	*	*	*	*	*	*	*	*
Metropolitan - Subtotal	7.27	3.45	4.90	1.16	6.10	2.33	1.58	-2.04	5.68	1.92
3 Capital	7.94	4.49	1.38	-1.86	0.00	-3.20	2.60	-0.68	5.24	1.87
16 Greater Vancouver	7.11	3.22	5.49	1.67	6.84	2.97	1.36	-2.31	5.77	1.93
TOTAL	6.89	3.04	5.25	1.46	7.23	3.36	1.25	-2.40	5.67	1.86

[1] An eight month rate of change has been adjusted to an annual figure.
[2] Rate of change (in percent) in the number.
[3] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4a

Non-Postgraduate Physicians in British Columbia

by Regional Hospital District by MSC Specialty

September 1992

Regional Hospital District	General Practice	Family Practice	General Practice Subtotal	Anaes-thesia	Community Medicine	Derma-tology	Emergency Medicine	General Surgery	Internal Medicine	Medical Micro-biology	Neurology	Neuro-psychiatry	Neuro-surgery	Nuclear Medicine	Obstetrics & Gynae-cology
Non-Metropolitan - Subtotal	**1,173**	**340**	**1,513**	**71**	**10**	**8**	**1**	**89**	**92**	**2**	**11**	**1**	**5**	**2**	**51**
1 Alberni-Clayoquot	28	6	34	1	0	0	0	4	1	0	0	0	0	0	1
2 Bulkley-Nechako	37	4	41	1	0	0	0	1	1	0	0	0	0	0	0
4 Cariboo	53	6	59	2	1	0	0	4	3	0	0	0	0	0	1
5 Central Coast	4	4	8	0	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	55	23	78	4	0	1	0	3	5	0	1	0	0	0	2
7 Central Kootenay	47	19	66	1	0	0	0	2	3	0	0	0	0	0	0
8 Central Okanagan	77	36	113	9	1	0	0	7	15	0	3	0	1	1	7
9 Columbia-Shuswap	33	7	40	2	0	0	0	2	1	0	0	0	0	0	0
10 Comox-Strathcona	84	10	94	8	0	1	0	4	4	0	0	0	0	0	4
11 Cowichan Valley	52	16	68	5	1	0	0	3	4	0	0	0	0	0	2
12 Dewdney-Alouette	57	24	81	3	1	1	0	3	3	0	0	0	0	0	2
13 East Kootenay	54	9	63	1	1	0	0	3	3	0	0	0	0	0	1
14 Fraser-Cheam	61	10	71	4	0	0	0	4	3	0	1	0	0	0	2
15 Fraser-Fort George	60	24	84	5	0	1	0	6	5	0	2	0	1	0	3
17 Kitimat-Stikine	39	7	46	0	0	0	0	3	1	0	0	0	0	0	1
18 Kootenay Boundary	43	11	54	0	0	0	0	3	5	0	1	0	0	0	1
19 Mount Waddington	9	3	12	0	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	84	28	112	8	2	1	1	6	10	0	2	0	0	0	7
21 North Okanagan	36	25	61	6	1	1	0	4	5	1	0	0	0	0	3
22 Okanagan-Similkameen	62	13	75	3	1	1	0	4	9	0	1	0	0	0	4
23 Peace River	41	3	44	0	0	0	0	3	0	0	0	0	0	0	1
24 Powell River	18	3	21	0	1	0	0	3	1	0	0	0	0	0	1
25 Skeena-Queen Charlotte	22	11	33	0	0	0	0	2	1	0	0	0	0	0	2
26 Squamish-Lillooet	20	4	24	0	0	0	0	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	18	12	30	0	0	0	0	2	0	0	0	0	0	0	0
29 Thompson-Nicola	77	21	98	8	0	1	0	12	9	1	0	1	3	1	6
30 Fort Nelson/Liard	2	1	3	0	0	0	0	1	0	0	0	0	0	0	0
Metropolitan - Subtotal	**2,013**	**548**	**2,561**	**234**	**22**	**50**	**50**	**122**	**416**	**16**	**53**	**1**	**24**	**8**	**116**
3 Capital	393	90	483	43	3	5	8	24	58	1	6	0	4	2	17
16 Greater Vancouver	1,620	458	2,078	191	19	45	42	98	358	15	47	1	20	6	99
TOTAL	**3,186**	**888**	**4,074**	**305**	**32**	**58**	**51**	**211**	**508**	**18**	**64**	**2**	**29**	**10**	**167**

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Health Human Resources Unit
The University of British Columbia

Table 4a (continued)

Non-Postgraduate Physicians in British Columbia

by Regional Hospital District by MSC Specialty

September 1992

Regional Hospital District	Ophthal-mology	Ortho-paedic Surgery	Otolaryn-gology	Paedi-atrics	Pathology	Physical Medicine	Plastic Surgery	Psychiatry	Radiology	Thoracic Surgery	Urology	Vasculary Surgery	Specialty Subtotal	Total
Non-Metropolitan - Subtotal	42	52	18	40	41	6	10	57	77	1	21	5	713	2,226
1 Alberni-Clayoquot	0	0	0	1	1	0	0	1	0	0	0	0	10	44
2 Bulkley-Nechako	0	0	0	1	0	0	0	0	2	0	0	0	6	47
4 Cariboo	0	0	0	1	0	0	0	0	3	0	1	0	16	75
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	8
6 Central Fraser Valley	3	5	1	4	3	0	1	6	7	0	2	0	48	126
7 Central Kootenay	0	0	0	1	1	0	0	0	1	0	0	0	9	75
8 Central Okanagan	6	6	2	5	5	3	2	8	7	1	4	2	95	208
9 Columbia-Shuswap	0	0	0	1	0	0	0	2	3	0	0	0	11	51
10 Comox-Strathcona	1	4	2	1	3	0	0	4	6	0	1	0	43	137
11 Cowichan Valley	3	3	1	1	2	0	0	3	3	0	0	0	31	99
12 Dewdney-Alouette	1	4	0	1	0	0	0	3	1	0	1	0	24	105
13 East Kootenay	1	2	1	1	0	0	0	3	7	0	1	0	25	88
14 Fraser-Cheam	3	3	1	1	3	0	1	3	3	0	1	1	34	105
15 Fraser-Fort George	4	4	2	3	5	0	2	2	5	0	2	0	52	136
17 Kitimat-Stikine	0	0	0	1	1	0	0	1	1	0	1	0	10	56
18 Kootenay Boundary	0	1	0	1	1	0	0	2	3	0	1	0	19	73
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0	0	0	12
20 Nanaimo	9	6	2	3	4	1	2	7	10	0	2	0	83	195
21 North Okanagan	5	4	1	2	3	0	0	2	3	0	1	0	42	103
22 Okanagan-Similkameen	3	4	1	5	2	0	0	4	4	0	1	1	48	123
23 Peace River	0	1	1	0	1	0	0	1	2	0	0	0	10	54
24 Powell River	0	0	0	1	0	0	0	1	0	0	0	0	8	29
25 Skeena-Queen Charlotte	0	0	0	0	0	0	0	0	0	0	0	0	5	38
26 Squamish-Lillooet	0	0	0	1	0	0	0	0	0	0	0	0	1	25
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	0	0	0	0	1	0	0	0	0	3	33
29 Thompson-Nicola	3	5	3	4	6	2	2	3	6	0	2	1	79	177
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Metropolitan - Subtotal	124	100	56	165	139	26	39	344	193	28	47	18	2,391	4,952
3 Capital	24	18	8	12	15	3	6	45	35	5	10	2	354	837
16 Greater Vancouver	100	82	48	153	124	23	33	299	158	23	37	16	2,037	4,115
TOTAL	166	152	74	205	180	32	49	401	270	29	68	23	3,104	7,178

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Table 4b

Non-Postgraduate Physicians in British Columbia

per 10,000 Population by Regional Hospital District by MSC Specialty

September 1992

Regional Hospital District	General Practice	Family Practice	General Practice Subtotal	Anaes-thesia	Community Medicine	Derma-tology	Emergency Medicine	General Surgery	Internal Medicine	Medical Micro-biology	Neurology	Neuro-psychiatry	Neuro-surgery	Nuclear Medicine	Obstetrics & Gynae-cology
Non-Metropolitan - Subtotal	**8.18**	**2.37**	**10.55**	**0.50**	**0.07**	**0.06**	**0.01**	**0.62**	**0.64**	**0.01**	**0.08**	**0.01**	**0.03**	**0.01**	**0.36**
1 Alberni-Clayoquot	9.38	2.01	11.39	0.33	0.00	0.00	0.00	1.34	0.33	0.00	0.00	0.00	0.00	0.00	0.33
2 Bulkley-Nechako	9.79	1.06	10.85	0.26	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.00	0.00	0.00	0.00
4 Cariboo	9.00	1.02	10.02	0.34	0.17	0.00	0.00	0.68	0.51	0.00	0.00	0.00	0.00	0.00	0.17
5 Central Coast	12.67	12.67	25.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	6.19	2.59	8.77	0.45	0.00	0.11	0.00	0.34	0.56	0.00	0.11	0.00	0.00	0.00	0.22
7 Central Kootenay	9.03	3.65	12.68	0.19	0.00	0.00	0.00	0.38	0.58	0.00	0.00	0.00	0.00	0.00	0.00
8 Central Okanagan	6.70	3.13	9.84	0.78	0.09	0.00	0.00	0.61	1.31	0.00	0.26	0.00	0.09	0.09	0.61
9 Columbia-Shuswap	7.88	1.67	9.55	0.48	0.00	0.00	0.00	0.48	0.24	0.00	0.00	0.00	0.00	0.00	0.00
10 Comox-Strathcona	10.02	1.19	11.22	0.95	0.00	0.12	0.00	0.48	0.48	0.00	0.00	0.00	0.00	0.00	0.48
11 Cowichan Valley	8.49	2.61	11.10	0.82	0.16	0.00	0.00	0.49	0.65	0.00	0.00	0.00	0.00	0.00	0.33
12 Dewdney-Alouette	6.15	2.59	8.74	0.32	0.11	0.11	0.00	0.32	0.32	0.00	0.00	0.00	0.00	0.00	0.22
13 East Kootenay	11.28	1.88	13.16	0.21	0.21	0.00	0.00	0.63	0.63	0.00	0.00	0.00	0.00	0.00	0.21
14 Fraser-Cheam	8.57	1.40	9.97	0.56	0.00	0.00	0.00	0.56	0.42	0.00	0.14	0.00	0.00	0.00	0.28
15 Fraser-Fort George	6.91	2.76	9.67	0.58	0.00	0.12	0.00	0.69	0.58	0.00	0.23	0.00	0.12	0.00	0.35
17 Kitimat-Stikine	9.77	1.75	11.52	0.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.00	0.00	0.00	0.25
18 Kootenay Boundary	13.66	3.50	17.16	0.00	0.00	0.00	0.00	0.95	1.59	0.00	0.32	0.00	0.00	0.00	0.32
19 Mount Waddington	6.67	2.22	8.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20 Nanaimo	8.30	2.77	11.06	0.79	0.20	0.10	0.10	0.59	0.99	0.00	0.20	0.00	0.00	0.00	0.69
21 North Okanagan	5.84	4.06	9.90	0.97	0.16	0.16	0.00	0.65	0.81	0.16	0.00	0.00	0.00	0.00	0.49
22 Okanagan-Similkameen	8.99	1.88	10.87	0.43	0.14	0.14	0.00	0.58	1.30	0.00	0.14	0.00	0.00	0.00	0.58
23 Peace River	7.79	0.57	8.36	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.19
24 Powell River	9.49	1.58	11.08	0.00	0.53	0.00	0.00	1.58	0.53	0.00	0.00	0.00	0.00	0.00	0.53
25 Skeena-Queen Charlotte	9.37	4.69	14.06	0.00	0.00	0.00	0.00	0.85	0.43	0.00	0.00	0.00	0.00	0.00	0.85
26 Squamish-Lillooet	8.91	1.78	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	8.85	5.90	14.74	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29 Thompson-Nicola	7.57	2.06	9.63	0.79	0.00	0.10	0.00	1.18	0.88	0.10	0.00	0.10	0.29	0.10	0.59
30 Fort Nelson/Liard	3.78	1.89	5.67	0.00	0.00	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Metropolitan - Subtotal	**10.83**	**2.95**	**13.78**	**1.26**	**0.12**	**0.27**	**0.27**	**0.66**	**2.24**	**0.09**	**0.29**	**0.01**	**0.13**	**0.04**	**0.62**
3 Capital	12.90	2.96	15.86	1.41	0.10	0.16	0.26	0.79	1.90	0.03	0.20	0.00	0.13	0.07	0.56
16 Greater Vancouver	10.43	2.95	13.37	1.23	0.12	0.29	0.27	0.63	2.30	0.10	0.30	0.01	0.13	0.04	0.64
TOTAL	**9.68**	**2.70**	**12.37**	**0.93**	**0.10**	**0.18**	**0.15**	**0.64**	**1.54**	**0.05**	**0.19**	**0.01**	**0.09**	**0.03**	**0.51**

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Health Human Resources Unit
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Table 4b (continued)

Non-Postgraduate Physicians in British Columbia

per 10,000 Population by Regional Hospital District by MSC Specialty

September 1992

Regional Hospital District	Ophthal-mology	Ortho-paedic Surgery	Otolaryn-gology	Paedi-atrics	Pathology	Physical Medicine	Plastic Surgery	Psychiatry	Radiology	Thoracic Surgery	Urology	Vasculary Surgery	Specialty Subtotal	Total
Non-Metropolitan - Subtotal	**0.29**	**0.36**	**0.13**	**0.28**	**0.29**	**0.04**	**0.07**	**0.40**	**0.54**	**0.01**	**0.15**	**0.03**	**4.97**	**15.52**
1 Alberni-Clayoquot	0.00	0.00	0.00	0.33	0.33	0.00	0.00	0.33	0.00	0.00	0.00	0.00	3.35	14.74
2 Bulkley-Nechako	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	1.59	12.44
4 Cariboo	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.51	0.00	0.17	0.00	2.72	12.74
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.35
6 Central Fraser Valley	0.34	0.56	0.11	0.45	0.34	0.00	0.11	0.67	0.79	0.00	0.22	0.00	5.40	14.17
7 Central Kootenay	0.00	0.00	0.00	0.19	0.19	0.00	0.00	0.00	0.19	0.00	0.00	0.00	1.73	14.41
8 Central Okanagan	0.52	0.52	0.17	0.44	0.44	0.26	0.17	0.70	0.61	0.09	0.35	0.17	8.27	18.11
9 Columbia-Shuswap	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.48	0.72	0.00	0.00	0.00	2.63	12.18
10 Comox-Strathcona	0.12	0.48	0.24	0.12	0.36	0.00	0.00	0.48	0.72	0.00	0.12	0.00	5.13	16.35
11 Cowichan Valley	0.49	0.49	0.16	0.16	0.33	0.00	0.00	0.49	0.49	0.00	0.00	0.00	5.06	16.16
12 Dewdney-Alouette	0.11	0.43	0.00	0.11	0.00	0.00	0.00	0.32	0.11	0.00	0.11	0.00	2.59	11.34
13 East Kootenay	0.21	0.42	0.21	0.21	0.00	0.00	0.00	0.63	1.46	0.00	0.21	0.00	5.22	18.38
14 Fraser-Cheam	0.42	0.42	0.14	0.14	0.42	0.00	0.14	0.42	0.42	0.00	0.14	0.14	4.78	14.75
15 Fraser-Fort George	0.46	0.46	0.23	0.35	0.58	0.00	0.23	0.23	0.58	0.00	0.23	0.00	5.99	15.66
17 Kitimat-Stikine	0.00	0.00	0.00	0.25	0.25	0.00	0.00	0.25	0.25	0.00	0.25	0.00	2.50	14.02
18 Kootenay Boundary	0.00	0.32	0.00	0.32	0.32	0.00	0.00	0.64	0.95	0.00	0.32	0.00	6.04	23.20
19 Mount Waddington	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.89
20 Nanaimo	0.89	0.59	0.20	0.30	0.40	0.10	0.20	0.69	0.99	0.00	0.20	0.00	8.20	19.26
21 North Okanagan	0.81	0.65	0.16	0.32	0.49	0.00	0.00	0.32	0.49	0.00	0.16	0.00	6.82	16.72
22 Okanagan-Similkameen	0.43	0.58	0.14	0.72	0.29	0.00	0.00	0.58	0.58	0.00	0.14	0.14	6.96	17.83
23 Peace River	0.00	0.19	0.19	0.00	0.19	0.00	0.00	0.19	0.38	0.00	0.00	0.00	1.90	10.26
24 Powell River	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	4.22	15.29
25 Skeena-Queen Charlotte	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13	16.19
26 Squamish-Lillooet	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	11.14
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	1.47	16.22
29 Thompson-Nicola	0.29	0.49	0.29	0.39	0.59	0.20	0.20	0.29	0.59	0.00	0.20	0.10	7.76	17.39
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89	7.56
Metropolitan - Subtotal	**0.67**	**0.54**	**0.30**	**0.89**	**0.75**	**0.14**	**0.21**	**1.85**	**1.04**	**0.15**	**0.25**	**0.10**	**12.87**	**26.65**
3 Capital	0.79	0.59	0.26	0.39	0.49	0.10	0.20	1.48	1.15	0.16	0.33	0.07	11.62	27.48
16 Greater Vancouver	0.64	0.53	0.31	0.98	0.80	0.15	0.21	1.92	1.02	0.15	0.24	0.10	13.11	26.48
TOTAL	**0.50**	**0.46**	**0.22**	**0.62**	**0.55**	**0.10**	**0.15**	**1.22**	**0.82**	**0.09**	**0.21**	**0.07**	**9.43**	**21.80**

Prepared by:
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The University of British Columbia

Table 5

Analysis of Change in the Number of Non-Postgraduate Physicians in British Columbia by Regional Hospital District

January 1992 to September 1992

Regional Hospital District	January 1992	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	September 1992
Non-Metropolitan - Subtotal	**2,146**	**8**	**30**	**49**	**87**	**64**	**72**	**1**	**2,226**
1 Alberni-Clayoquot	41	0	0	2	2	1	0	0	44
2 Bulkley-Nechako	45	0	0	2	2	1	1	0	47
4 Cariboo	75	1	0	4	5	2	4	-3	75
5 Central Coast	6	0	0	1	1	2	1	0	8
6 Central Fraser Valley	125	0	2	2	4	1	4	0	126
7 Central Kootenay	75	0	1	0	1	4	4	-1	75
8 Central Okanagan	202	2	6	1	9	3	8	2	208
9 Columbia-Shuswap	49	0	1	0	1	2	1	0	51
10 Comox-Strathcona	123	0	2	6	8	6	5	5	137
11 Cowichan Valley	99	1	2	1	4	4	4	-4	99
12 Dewdney-Alouette	105	1	1	1	3	1	3	-1	105
13 East Kootenay	84	0	3	2	5	4	4	-1	88
14 Fraser-Cheam	99	0	2	2	4	5	1	-2	105
15 Fraser-Fort George	130	0	1	4	5	4	3	0	136
17 Kitimat-Stikine	52	0	1	3	4	4	3	-1	56
18 Kootenay Boundary	73	1	0	1	2	2	4	0	73
19 Mount Waddington	10	0	0	1	1	1	0	0	12
20 Nanaimo	184	0	0	1	1	7	5	8	195
21 North Okanagan	98	2	0	1	3	2	2	2	103
22 Okanagan-Similkameen	120	0	2	1	3	2	7	5	123
23 Peace River	50	0	2	8	10	1	1	-6	54
24 Powell River	29	0	0	0	0	0	0	0	29
25 Skeena-Queen Charlotte	33	0	2	2	4	2	0	-1	38
26 Squamish-Lillooet	26	0	0	0	0	0	0	-1	25
27 Stikine	1	0	0	0	0	0	0	-1	0
28 Sunshine Coast	28	0	2	0	2	2	1	2	33
29 Thompson-Nicola	179	0	0	2	2	1	4	-1	177
30 Fort Nelson/Liard	5	0	0	1	1	0	2	0	4
Metropolitan - Subtotal	**4,773**	**30**	**77**	**26**	**133**	**198**	**151**	**-1**	**4,952**
3 Capital	809	5	15	4	24	32	20	-8	837
16 Greater Vancouver	3,964	25	62	22	109	166	131	7	4,115
TOTAL	**6,919**	**38**	**107**	**75**	**220**	**262**	**223**	**0**	**7,178**

[1] Physicians who reported B.C. addresses and were non-postgraduate registrants in September 1992 and whose date of initial registration was after January 1992.
[2] Physicians who reported B.C. addresses and were non-postgraduate registrants in September 1992 but not in January 1992 and who were registered for the first time before January 1992.
[3] Physicians who reported B.C. addresses and were non-postgraduate registrants in January 1992 but not in September 1992.

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The University of British Columbia

III. NURSING SERVICES

LICENSED PRACTICAL NURSES

LICENSED PRACTICAL NURSES

Definition: Licensed Practical Nurses

may be employed in a wide variety of health care settings and may carry out such nursing duties related to the care of patients as is consistent with [their] training and ability. All such duties are to be carried out under the direction of a duly qualified physician who is attending the patient, or under the supervision of a graduate nurse who is rendering service to the patient, except in an emergency when the services of a Licensed Practical Nurse may be urgently required. Provided that the attending physician gives directions and assumes responsibility with respect to the ability of Licensed Practical Nurses (LPNs) to carry out such services in a satisfactory manner, LPNs may also undertake nursing service for patients in private homes.[1]

Governing Statute: Nurses (Licensed Practical) Act, Revised Statutes of British Columbia, 1979, Chapter 300; Nursing Statutes Amendment Act, 1988, Chapter 51, Sections 1-3; administered by the Ministry of Health.

Governing Body: British Columbia Council of Licensed Practical Nurses (BCCLPN). Only persons licensed by the BCCLPN may use the titles: *Licensed Practical Nurse* or *LPN*.

Date of Record: September 1991 and September 1992.

Source of Data: British Columbia Council of Licensed Practical Nurses (BCCLPN).

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[1] Adapted from information provided by the British Columbia Council of Licensed Practical Nurses.

See also *Canadian Classification and Dictionary of Occupations 1980*, Major Group 31, No. 3134-110, p. 54, Ottawa: Employment and Immigration Canada.

Preparation and Updating:

The tables, derived from the register of the British Columbia Council of Licensed Practical Nurses, include Licensed Practical Nurses who were British Columbia residents at the date of record.

Definition of Terms:

1. Licensed Practical Nurses

Table 1 reports the number and number per 10,000 population of Licensed Practical Nurses in British Columbia, as well as the annual rate of change in these figures.

2. Age and Sex

Age and sex information on Licensed Practical Nurses in British Columbia, derived from the BCCLPN registration database, is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Employment Status

Tables 3a and 3b report the number of LPNs and the number of LPNs per 10,000 population based on their employment status as noted on the BCCLPN annual licence renewal form. The categories used are:

(a) Employed in Nursing

- Full-Time
- Part-Time
- Seasonal/Casual

(b) Employed in Other than Nursing

(c) Not Employed

4. Place of Employment

Place of employment was reported by the registrant on the annual licence renewal form. Tables 4a and 4b report the number and number per 10,000 population of Licensed Practical Nurses employed in nursing by the type of institution in which they are employed. The categories used are:

(a) Acute Care General Hospital
(b) Activation/Rehabilitation Hospital
(c) Extended Care Hospital
(d) Other Long Term Care Facility/Nursing Home
(e) Psychiatric Hospital
(f) Visiting Care Agency/Home Care
(g) Community Health Agency
(h) Physician's Office/Family Practice Unit
(i) Educational Institution
(j) Business/Industry
(k) Other

5. Field of Practice

Field of practice was reported by the registrant on the annual licence renewal form. Tables 5a and 5b report the number and number per 10,000 population of Licensed Practical Nurses employed in nursing by their field of practice . The categories used are:

(a) Medical/Surgical General
(b) Medical/Surgical Specialties (e.g., ICU, OR, Emergency, Dialysis)
(c) Maternal/Newborn
(d) Psychiatric
(e) Paediatric
(f) Geriatric
(g) Generalized Practice (e.g., Float Pool, Small General Hospital)
(h) Teaching
(i) Administration
(j) Rehabilitation
(k) Other

6. Job Title

Job title was reported by the registrant on the annual licence renewal form. Tables 6a and 6b report the number and number per 10,000 population of Licensed Practical Nurses employed in nursing according to their job title . The categories used are:

(a) Licensed Practical Nurse (LPN)
(b) Long Term Care Aide/Nurses Aide (e.g., Patient Care Aide, Activity Aide)
(c) Orderly
(d) Other

7. Analysis of Change

Table 7 shows sources of change that affected the stock of Licensed Practical Nurses from 1991 to 1992.

New registrants include nurses who were licensed in September 1992 and who registered with the BCCLPN *for the first time* subsequent to September 1991. New registrants are recorded according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent nurses who were not licensed in British Columbia in September 1991 but were licensed in the province in September 1992, and whose date of initial registration was before September 1991. Also included are Licensed Practical Nurses who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes Licensed Practical Nurses who were included in the 1991 Licensed Practical Nurse stock, but who, because of death, retirement, out-of-province relocation or non-renewal of licensure, were not included in the 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of Licensed Practical Nurses among different Regional Hospital Districts. The net migration total is therefore zero.

Licensed Practical Nurses per 10,000 Population by Regional Hospital District September 1992 N=6123

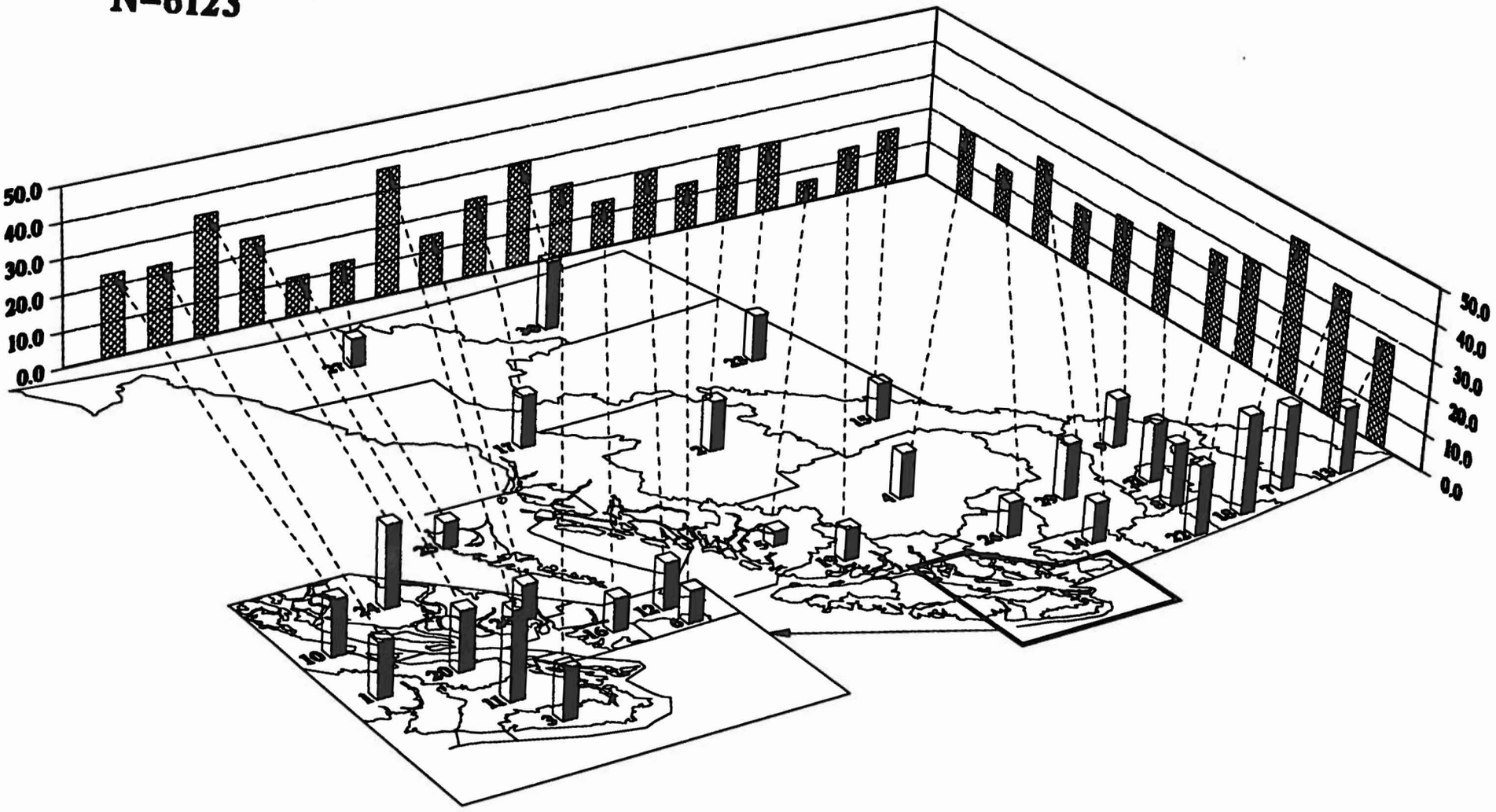

Table 1

Licensed Practical Nurses in British Columbia

by Regional Hospital District

September 1991[1] and September 1992

Regional Hospital District	Number 1991	Number 1992	Number per 10,000 Population 1991	Number per 10,000 Population 1992	Annual Rate of Change Number[2]	Annual Rate of Change Ratio[3]
Non-Metropolitan - Subtotal	**3,343**	**3,337**	**23.89**	**23.27**	**-0.18**	**-2.63**
1 Alberni-Clayoquot	67	68	22.18	22.78	1.49	2.70
2 Bulkley-Nechako	85	81	22.71	21.44	-4.71	-5.59
4 Cariboo	128	116	21.92	19.70	-9.38	-10.14
5 Central Coast	2	2	6.36	6.34	*	*
6 Central Fraser Valley	131	120	15.50	13.50	-8.40	-12.92
7 Central Kootenay	192	187	37.65	35.92	-2.60	-4.60
8 Central Okanagan	290	303	26.56	26.37	4.48	-0.69
9 Columbia-Shuswap	90	88	21.77	21.01	-2.22	-3.49
10 Comox-Strathcona	199	194	24.40	23.15	-2.51	-5.11
11 Cowichan Valley	219	223	36.86	36.40	1.83	-1.27
12 Dewdney-Alouette	173	180	19.39	19.43	4.05	0.20
13 East Kootenay	135	135	27.89	28.19	0.00	1.08
14 Fraser-Cheam	123	123	17.86	17.28	0.00	-3.26
15 Fraser-Fort George	145	140	16.85	16.12	-3.45	-4.36
17 Kitimat-Stikine	85	90	21.52	22.54	5.88	4.74
18 Kootenay Boundary	125	133	40.30	42.26	6.40	4.87
19 Mount Waddington	18	18	13.20	13.34	0.00	1.05
20 Nanaimo	249	251	25.58	24.79	0.80	-3.07
21 North Okanagan	164	156	27.42	25.33	-4.88	-7.63
22 Okanagan-Similkameen	205	205	30.87	29.72	0.00	-3.72
23 Peace River	107	106	20.78	20.13	-0.93	-3.11
24 Powell River	65	65	34.76	34.28	0.00	-1.37
25 Skeena-Queen Charlotte	29	26	12.47	11.08	-10.34	-11.16
26 Squamish-Lillooet	27	34	12.26	15.15	25.93	23.57
27 Stikine	2	2	12.45	12.48	*	*
28 Sunshine Coast	28	30	13.96	14.74	7.14	5.59
29 Thompson-Nicola	249	245	24.79	24.07	-1.61	-2.89
30 Fort Nelson/Liard	11	16	21.88	30.23	45.45	38.14
Metropolitan - Subtotal	**2,825**	**2,786**	**15.57**	**14.99**	**-1.38**	**-3.73**
3 Capital	673	639	22.58	20.98	-5.05	-7.09
16 Greater Vancouver	2,152	2,147	14.19	13.82	-0.23	-2.66
TOTAL	**6,168**	**6,123**	**19.20**	**18.60**	**-0.73**	**-3.13**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 Licensed Practical Nurses. Also, see Foreword.

[2] Rate of change (in percent) in the number.

[3] Rate of change (in percent) in the number per 10,000 population.

* Indicates that the base for the rate of change is less than 10.

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Table 2

Licensed Practical Nurses in British Columbia
by Regional Hospital District by Age and Sex
September 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	3	63	27	564	47	1,376	37	841	10	278	0	23	124	3,145	68	3,337
1 Alberni-Clayoquot	0	1	1	11	0	34	1	14	0	4	0	1	2	65	1	68
2 Bulkley-Nechako	0	0	0	9	0	36	0	22	0	12	0	0	0	79	2	81
4 Cariboo	0	0	0	12	0	56	0	29	0	17	0	0	0	114	2	116
5 Central Coast	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	2
6 Central Fraser Valley	0	5	1	26	4	36	3	27	2	11	0	2	10	107	3	120
7 Central Kootenay	0	5	3	31	3	77	0	53	0	10	0	0	6	176	5	187
8 Central Okanagan	2	7	6	50	6	116	3	83	0	19	0	4	17	279	7	303
9 Columbia-Shuswap	0	1	0	13	0	34	1	27	1	8	0	0	2	83	3	88
10 Comox-Strathcona	0	5	3	42	0	72	1	49	0	18	0	0	4	186	4	194
11 Cowichan Valley	0	1	1	41	1	116	1	44	0	12	0	1	3	215	5	223
12 Dewdney-Alouette	0	4	2	42	1	74	1	40	0	10	0	2	4	172	4	180
13 East Kootenay	0	4	0	18	0	56	1	42	0	10	0	0	1	130	4	135
14 Fraser-Cheam	0	5	0	23	3	39	2	27	1	21	0	0	6	115	2	123
15 Fraser-Fort George	0	2	0	27	1	65	2	34	0	8	0	0	3	136	1	140
17 Kitimat-Stikine	0	2	1	8	1	37	0	25	1	10	0	2	3	84	3	90
18 Kootenay Boundary	1	3	2	28	0	58	1	27	0	8	0	1	4	125	4	133
19 Mount Waddington	0	0	0	6	0	6	0	5	0	1	0	0	0	18	0	18
20 Nanaimo	0	5	0	42	4	97	2	63	1	26	0	6	7	239	5	251
21 North Okanagan	0	1	1	16	8	66	3	41	0	16	0	1	12	141	3	156
22 Okanagan-Similkameen	0	4	3	26	9	71	6	59	3	20	0	0	21	180	4	205
23 Peace River	0	4	0	13	1	43	0	31	0	13	0	1	1	105	0	106
24 Powell River	0	3	2	16	0	22	0	17	0	4	0	1	2	63	0	65
25 Skeena-Queen Charlotte	0	0	1	3	0	13	1	6	0	2	0	0	2	24	0	26
26 Squamish-Lillooet	0	0	0	16	1	11	0	6	0	0	0	0	1	33	0	34
27 Stikine	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2
28 Sunshine Coast	0	1	0	6	0	15	2	3	0	2	0	0	2	27	1	30
29 Thompson-Nicola	0	0	0	36	4	117	6	61	1	15	0	1	11	230	4	245
30 Fort Nelson/Liard	0	0	0	2	0	8	0	4	0	1	0	0	0	15	1	16
Metropolitan - Subtotal	6	92	63	477	111	888	97	687	28	255	4	24	309	2,423	54	2,786
3 Capital	0	11	11	90	30	239	22	143	7	70	0	5	70	558	11	639
16 Greater Vancouver	6	81	52	387	81	649	75	544	21	185	4	19	239	1,865	43	2,147
TOTAL	9	155	90	1,041	158	2,264	134	1,528	38	533	4	47	433	5,568	122	6,123

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Table 3a

Licensed Practical Nurses in British Columbia

by Regional Hospital District by Employment Status

September 1992

Regional Hospital District	Employed in Nursing				Employed in Other Field	Not Employed	Unknown	Total
	Full-Time	Part-Time	Seasonal/ Casual	Subtotal				
Non-Metropolitan - Subtotal	**1,281**	**562**	**781**	**2,624**	**282**	**416**	**15**	**3,337**
1 Alberni-Clayoquot	24	11	15	50	13	5	0	68
2 Bulkley-Nechako	22	23	12	57	12	12	0	81
4 Cariboo	42	21	25	88	11	17	0	116
5 Central Coast	2	0	0	2	0	0	0	2
6 Central Fraser Valley	50	15	32	97	11	12	0	120
7 Central Kootenay	58	43	44	145	16	25	1	187
8 Central Okanagan	136	36	72	244	18	39	2	303
9 Columbia-Shuswap	33	15	22	70	5	12	1	88
10 Comox-Strathcona	65	45	44	154	21	17	2	194
11 Cowichan Valley	77	33	57	167	19	37	0	223
12 Dewdney-Alouette	69	29	43	141	13	24	2	180
13 East Kootenay	52	28	31	111	12	12	0	135
14 Fraser-Cheam	45	28	28	101	7	14	1	123
15 Fraser-Fort George	46	14	43	103	16	20	1	140
17 Kitimat-Stikine	45	13	17	75	7	8	0	90
18 Kootenay Boundary	59	25	28	112	3	16	2	133
19 Mount Waddington	7	3	1	11	4	3	0	18
20 Nanaimo	87	39	64	190	22	39	0	251
21 North Okanagan	67	20	37	124	11	20	1	156
22 Okanagan-Similkameen	90	41	50	181	14	9	1	205
23 Peace River	38	27	15	80	8	18	0	106
24 Powell River	24	13	15	52	6	7	0	65
25 Skeena-Queen Charlotte	10	3	9	22	1	3	0	26
26 Squamish-Lillooet	12	7	8	27	2	5	0	34
27 Stikine	0	0	0	0	2	0	0	2
28 Sunshine Coast	8	5	9	22	1	6	1	30
29 Thompson-Nicola	111	23	57	191	25	29	0	245
30 Fort Nelson/Liard	2	2	3	7	2	7	0	16
Metropolitan - Subtotal	**1,244**	**499**	**531**	**2,274**	**242**	**253**	**17**	**2,786**
3 Capital	300	113	108	521	57	59	2	639
16 Greater Vancouver	944	386	423	1,753	185	194	15	2,147
TOTAL	**2,525**	**1,061**	**1,312**	**4,898**	**524**	**669**	**32**	**6,123**

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Table 3b

Licensed Practical Nurses in British Columbia

per 10,000 Population by Regional Hospital District by Employment Status

September 1992

Regional Hospital District	Employed in Nursing: Full-Time	Employed in Nursing: Part-Time	Employed in Nursing: Seasonal/ Casual	Employed in Nursing: Subtotal	Employed in Other Field	Not Employed	Unknown	Total
Non-Metropolitan - Subtotal	**8.93**	**3.92**	**5.45**	**18.29**	**1.97**	**2.90**	**0.10**	**23.27**
1 Alberni-Clayoquot	8.04	3.68	5.02	16.75	4.35	1.67	0.00	22.78
2 Bulkley-Nechako	5.82	6.09	3.18	15.09	3.18	3.18	0.00	21.44
4 Cariboo	7.13	3.57	4.25	14.94	1.87	2.89	0.00	19.70
5 Central Coast	6.34	0.00	0.00	6.34	0.00	0.00	0.00	6.34
6 Central Fraser Valley	5.62	1.69	3.60	10.91	1.24	1.35	0.00	13.50
7 Central Kootenay	11.14	8.26	8.45	27.85	3.07	4.80	0.19	35.92
8 Central Okanagan	11.84	3.13	6.27	21.24	1.57	3.39	0.17	26.37
9 Columbia-Shuswap	7.88	3.58	5.25	16.71	1.19	2.87	0.24	21.01
10 Comox-Strathcona	7.76	5.37	5.25	18.38	2.51	2.03	0.24	23.15
11 Cowichan Valley	12.57	5.39	9.30	27.26	3.10	6.04	0.00	36.40
12 Dewdney-Alouette	7.45	3.13	4.64	15.22	1.40	2.59	0.22	19.43
13 East Kootenay	10.86	5.85	6.47	23.18	2.51	2.51	0.00	28.19
14 Fraser-Cheam	6.32	3.93	3.93	14.19	0.98	1.97	0.14	17.28
15 Fraser-Fort George	5.30	1.61	4.95	11.86	1.84	2.30	0.12	16.12
17 Kitimat-Stikine	11.27	3.26	4.26	18.78	1.75	2.00	0.00	22.54
18 Kootenay Boundary	18.75	7.94	8.90	35.59	0.95	5.08	0.64	42.26
19 Mount Waddington	5.19	2.22	0.74	8.15	2.96	2.22	0.00	13.34
20 Nanaimo	8.59	3.85	6.32	18.77	2.17	3.85	0.00	24.79
21 North Okanagan	10.88	3.25	6.01	20.13	1.79	3.25	0.16	25.33
22 Okanagan-Similkameen	13.05	5.94	7.25	26.24	2.03	1.30	0.14	29.72
23 Peace River	7.22	5.13	2.85	15.20	1.52	3.42	0.00	20.13
24 Powell River	12.66	6.86	7.91	27.42	3.16	3.69	0.00	34.28
25 Skeena-Queen Charlotte	4.26	1.28	3.84	9.37	0.43	1.28	0.00	11.08
26 Squamish-Lillooet	5.35	3.12	3.57	12.03	0.89	2.23	0.00	15.15
27 Stikine	0.00	0.00	0.00	0.00	12.48	0.00	0.00	12.48
28 Sunshine Coast	3.93	2.46	4.42	10.81	0.49	2.95	0.49	14.74
29 Thompson-Nicola	10.91	2.26	5.60	18.77	2.46	2.85	0.00	24.07
30 Fort Nelson/Liard	3.78	3.78	5.67	13.23	3.78	13.23	0.00	30.23
Metropolitan - Subtotal	**6.69**	**2.69**	**2.86**	**12.24**	**1.30**	**1.36**	**0.09**	**14.99**
3 Capital	9.85	3.71	3.55	17.11	1.87	1.94	0.07	20.98
16 Greater Vancouver	6.07	2.48	2.72	11.28	1.19	1.25	0.10	13.82
TOTAL	**7.67**	**3.22**	**3.98**	**14.88**	**1.59**	**2.03**	**0.10**	**18.60**

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Table 4a

Licensed Practical Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Place of Employment

September 1992

Regional Hospital District	Institutional Care: Acute Care General Hospital	Institutional Care: Activation/ Rehab. Hospital	Institutional Care: Extended Care Hospital	Institutional Care: Other LTC Facility/ Nursing Home	Institutional Care: Psychiatric Hospital	Institutional Care: Subtotal	Visiting Care Agency/ Home Care	Community Health Agency	Physician's Office/ Family Practice Unit	Educational Institution	Business/ Industry	Other	Unknown	Total
Non-Metropolitan - Subtotal	**1,654**	**18**	**456**	**251**	**7**	**2,386**	**63**	**20**	**71**	**3**	**6**	**46**	**29**	**2,624**
1 Alberni-Clayoquot	34	1	4	7	0	46	1	1	0	0	0	1	1	50
2 Bulkley-Nechako	44	0	2	4	0	50	0	0	6	0	0	0	1	57
4 Cariboo	63	0	15	3	0	81	0	0	3	0	0	2	2	88
5 Central Coast	2	0	0	0	0	2	0	0	0	0	0	0	0	2
6 Central Fraser Valley	70	0	8	8	1	87	3	1	0	0	1	4	1	97
7 Central Kootenay	79	1	29	18	0	127	4	0	10	0	0	2	2	145
8 Central Okanagan	109	4	87	22	0	222	11	1	3	1	1	4	1	244
9 Columbia-Shuswap	58	0	6	5	0	69	0	0	1	0	0	0	0	70
10 Comox-Strathcona	94	0	23	18	0	135	3	3	5	0	2	3	3	154
11 Cowichan Valley	61	5	63	26	0	155	3	1	2	0	1	4	1	167
12 Dewdney-Alouette	98	1	22	10	2	133	3	3	0	0	0	1	1	141
13 East Kootenay	76	0	15	11	0	102	1	0	4	0	0	3	1	111
14 Fraser-Cheam	71	1	11	12	0	95	2	0	2	0	0	1	1	101
15 Fraser-Fort George	75	0	2	15	0	92	1	0	4	0	0	3	3	103
17 Kitimat-Stikine	57	0	5	6	0	68	1	1	3	0	0	2	0	75
18 Kootenay Boundary	67	0	29	9	0	105	1	2	2	0	0	1	1	112
19 Mount Waddington	8	0	0	0	0	8	3	0	0	0	0	0	0	11
20 Nanaimo	119	4	24	16	1	164	13	0	4	1	0	4	4	190
21 North Okanagan	57	0	45	12	0	114	3	5	0	0	1	0	1	124
22 Okanagan-Similkameen	129	1	30	9	2	171	3	1	2	0	0	3	1	181
23 Peace River	57	0	4	9	0	70	1	0	7	1	0	0	1	80
24 Powell River	30	0	10	10	0	50	1	0	1	0	0	0	0	52
25 Skeena-Queen Charlotte	18	0	1	1	0	20	1	0	0	0	0	0	1	22
26 Squamish-Lillooet	13	0	4	2	0	19	0	0	5	0	0	1	2	27
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	17	0	1	3	0	21	0	0	0	0	0	1	0	22
29 Thompson-Nicola	142	0	16	15	1	174	4	1	7	0	0	5	0	191
30 Fort Nelson/Liard	6	0	0	0	0	6	0	0	0	0	0	1	0	7
Metropolitan - Subtotal	**1,179**	**148**	**284**	**299**	**14**	**1,924**	**92**	**36**	**64**	**17**	**10**	**78**	**53**	**2,274**
3 Capital	174	73	127	62	2	438	30	7	15	0	4	16	11	521
16 Greater Vancouver	1,005	75	157	237	12	1,486	62	29	49	17	6	62	42	1,753
TOTAL	**2,833**	**166**	**740**	**550**	**21**	**4,310**	**155**	**56**	**135**	**20**	**16**	**124**	**82**	**4,898**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4b

Licensed Practical Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Place of Employment September 1992

Regional Hospital District	Institutional Care: Acute Care General Hospital	Institutional Care: Activation/ Rehab. Hospital	Institutional Care: Extended Care Hospital	Institutional Care: Other LTC Facility/ Nursing Home	Institutional Care: Psychiatric Hospital	Institutional Care: Subtotal	Visiting Care Agency/ Home Care	Community Health Agency	Physician's Office/ Family Practice Unit	Educational Institution	Business/ Industry	Other	Unknown	Total
Non-Metropolitan - Subtotal	**11.53**	**0.13**	**3.18**	**1.75**	**0.05**	**16.64**	**0.44**	**0.14**	**0.50**	**0.02**	**0.04**	**0.32**	**0.20**	**18.29**
1 Alberni-Clayoquot	11.39	0.33	1.34	2.34	0.00	15.41	0.33	0.33	0.00	0.00	0.00	0.33	0.33	16.75
2 Bulkley-Nechako	11.65	0.00	0.53	1.06	0.00	13.23	0.00	0.00	1.59	0.00	0.00	0.00	0.26	15.09
4 Cariboo	10.70	0.00	2.55	0.51	0.00	13.75	0.00	0.00	0.51	0.00	0.00	0.34	0.34	14.94
5 Central Coast	6.34	0.00	0.00	0.00	0.00	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.34
6 Central Fraser Valley	7.87	0.00	0.90	0.90	0.11	9.79	0.34	0.11	0.00	0.00	0.11	0.45	0.11	10.91
7 Central Kootenay	15.17	0.19	5.57	3.46	0.00	24.39	0.77	0.00	1.92	0.00	0.00	0.38	0.38	27.85
8 Central Okanagan	9.49	0.35	7.57	1.92	0.00	19.32	0.96	0.09	0.26	0.09	0.09	0.35	0.09	21.24
9 Columbia-Shuswap	13.85	0.00	1.43	1.19	0.00	16.47	0.00	0.00	0.24	0.00	0.00	0.00	0.00	16.71
10 Comox-Strathcona	11.22	0.00	2.74	2.15	0.00	16.11	0.36	0.36	0.60	0.00	0.24	0.36	0.36	18.38
11 Cowichan Valley	9.96	0.82	10.28	4.24	0.00	25.30	0.49	0.16	0.33	0.00	0.16	0.65	0.16	27.26
12 Dewdney-Alouette	10.58	0.11	2.38	1.08	0.22	14.36	0.32	0.32	0.00	0.00	0.00	0.11	0.11	15.22
13 East Kootenay	15.87	0.00	3.13	2.30	0.00	21.30	0.21	0.00	0.84	0.00	0.00	0.63	0.21	23.18
14 Fraser-Cheam	9.97	0.14	1.54	1.69	0.00	13.34	0.28	0.00	0.28	0.00	0.00	0.14	0.14	14.19
15 Fraser-Fort George	8.63	0.00	0.23	1.73	0.00	10.59	0.12	0.00	0.46	0.00	0.00	0.35	0.35	11.86
17 Kitimat-Stikine	14.27	0.00	1.25	1.50	0.00	17.03	0.25	0.25	0.75	0.00	0.00	0.50	0.00	18.78
18 Kootenay Boundary	21.29	0.00	9.21	2.86	0.00	33.36	0.32	0.64	0.64	0.00	0.00	0.32	0.32	35.59
19 Mount Waddington	5.93	0.00	0.00	0.00	0.00	5.93	2.22	0.00	0.00	0.00	0.00	0.00	0.00	8.15
20 Nanaimo	11.75	0.40	2.37	1.58	0.10	16.20	1.28	0.00	0.40	0.10	0.00	0.40	0.40	18.77
21 North Okanagan	9.25	0.00	7.31	1.95	0.00	18.51	0.49	0.81	0.00	0.00	0.16	0.00	0.16	20.13
22 Okanagan-Similkameen	18.70	0.14	4.35	1.30	0.29	24.79	0.43	0.14	0.29	0.00	0.00	0.43	0.14	26.24
23 Peace River	10.83	0.00	0.76	1.71	0.00	13.30	0.19	0.00	1.33	0.19	0.00	0.00	0.19	15.20
24 Powell River	15.82	0.00	5.27	5.27	0.00	26.37	0.53	0.00	0.53	0.00	0.00	0.00	0.00	27.42
25 Skeena-Queen Charlotte	7.67	0.00	0.43	0.43	0.00	8.52	0.43	0.00	0.00	0.00	0.00	0.00	0.43	9.37
26 Squamish-Lillooet	5.79	0.00	1.78	0.89	0.00	8.47	0.00	0.00	2.23	0.00	0.00	0.45	0.89	12.03
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	8.35	0.00	0.49	1.47	0.00	10.32	0.00	0.00	0.00	0.00	0.00	0.49	0.00	10.81
29 Thompson-Nicola	13.95	0.00	1.57	1.47	0.10	17.10	0.39	0.10	0.69	0.00	0.00	0.49	0.00	18.77
30 Fort Nelson/Liard	11.34	0.00	0.00	0.00	0.00	11.34	0.00	0.00	0.00	0.00	0.00	1.89	0.00	13.23
Metropolitan - Subtotal	**6.34**	**0.80**	**1.53**	**1.61**	**0.08**	**10.35**	**0.50**	**0.19**	**0.34**	**0.09**	**0.05**	**0.42**	**0.29**	**12.24**
3 Capital	5.71	2.40	4.17	2.04	0.07	14.38	0.99	0.23	0.49	0.00	0.13	0.53	0.36	17.11
16 Greater Vancouver	6.47	0.48	1.01	1.53	0.08	9.56	0.40	0.19	0.32	0.11	0.04	0.40	0.27	11.28
TOTAL	**8.60**	**0.50**	**2.25**	**1.67**	**0.06**	**13.09**	**0.47**	**0.17**	**0.41**	**0.06**	**0.05**	**0.38**	**0.25**	**14.88**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5a

Licensed Practical Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Field of Practice

September 1992

Regional Hospital District	Medical/ Surgical General	Medical Surgical Specialties	Maternal/ Newborn	Psychiatric	Paediatric	Geriatric	Generalized Practice	Teaching	Admin-istration	Rehab-ilitation	Other	Unknown	Total
Non-Metropolitan - Subtotal	**1,033**	**68**	**43**	**33**	**74**	**732**	**320**	**3**	**11**	**57**	**152**	**98**	**2,624**
1 Alberni-Clayoquot	11	0	0	1	0	17	14	0	0	3	3	1	50
2 Bulkley-Nechako	25	0	0	0	0	5	22	0	0	0	4	1	57
4 Cariboo	35	6	2	0	2	19	13	0	0	0	6	5	88
5 Central Coast	1	0	0	0	0	0	1	0	0	0	0	0	2
6 Central Fraser Valley	57	0	0	4	3	13	7	1	0	2	7	3	97
7 Central Kootenay	50	4	1	1	2	44	26	0	0	3	11	3	145
8 Central Okanagan	85	6	4	4	3	104	3	0	1	11	15	8	244
9 Columbia-Shuswap	29	0	0	0	0	21	16	0	0	0	0	4	70
10 Comox-Strathcona	66	9	0	1	0	52	8	0	0	0	14	4	154
11 Cowichan Valley	41	2	0	1	4	95	10	0	0	6	7	1	167
12 Dewdney-Alouette	49	4	5	4	3	37	18	0	3	5	9	4	141
13 East Kootenay	49	2	0	0	1	24	19	0	0	1	8	7	111
14 Fraser-Cheam	48	1	2	0	1	24	13	0	1	7	3	1	101
15 Fraser-Fort George	38	4	9	2	8	15	14	0	2	4	5	2	103
17 Kitimat-Stikine	29	5	8	1	5	9	7	0	0	1	5	5	75
18 Kootenay Boundary	40	2	0	2	5	39	15	0	0	1	1	7	112
19 Mount Waddington	1	0	0	0	0	2	6	0	0	0	1	1	11
20 Nanaimo	88	5	2	1	5	52	12	0	0	6	8	11	190
21 North Okanagan	33	0	0	2	11	49	14	0	2	0	7	6	124
22 Okanagan-Similkameen	76	6	2	5	4	41	24	1	0	3	13	6	181
23 Peace River	36	0	3	1	5	10	12	1	1	1	7	3	80
24 Powell River	22	0	0	1	1	20	3	0	0	0	3	2	52
25 Skeena-Queen Charlotte	13	0	1	0	0	3	3	0	0	0	0	2	22
26 Squamish-Lillooet	4	0	0	0	0	4	14	0	0	0	2	3	27
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	11	0	0	0	1	3	5	0	0	0	0	2	22
29 Thompson-Nicola	94	12	4	2	10	30	16	0	1	3	13	6	191
30 Fort Nelson/Liard	2	0	0	0	0	0	5	0	0	0	0	0	7
Metropolitan - Subtotal	**709**	**149**	**63**	**40**	**62**	**678**	**131**	**16**	**17**	**143**	**180**	**86**	**2,274**
3 Capital	108	35	0	6	2	232	16	4	7	53	39	19	521
16 Greater Vancouver	601	114	63	34	60	446	115	12	10	90	141	67	1,753
TOTAL	**1,742**	**217**	**106**	**73**	**136**	**1,410**	**451**	**19**	**28**	**200**	**332**	**184**	**4,898**

Prepared by:
Health Human Resources Unit
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Table 5b

Licensed Practical Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Field of Practice

September 1992

Regional Hospital District	Medical/ Surgical General	Medical Surgical Specialties	Maternal/ Newborn	Psychiatric	Paediatric	Geriatric	Generalized Practice	Teaching	Admin-istration	Rehab-ilitation	Other	Unknown	Total
Non-Metropolitan - Subtotal	**7.20**	**0.47**	**0.30**	**0.23**	**0.52**	**5.10**	**2.23**	**0.02**	**0.08**	**0.40**	**1.06**	**0.68**	**18.29**
1 Alberni-Clayoquot	3.68	0.00	0.00	0.33	0.00	5.69	4.69	0.00	0.00	1.00	1.00	0.33	16.75
2 Bulkley-Nechako	6.62	0.00	0.00	0.00	0.00	1.32	5.82	0.00	0.00	0.00	1.06	0.26	15.09
4 Cariboo	5.94	1.02	0.34	0.00	0.34	3.23	2.21	0.00	0.00	0.00	1.02	0.85	14.94
5 Central Coast	3.17	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00	0.00	0.00	0.00	6.34
6 Central Fraser Valley	6.41	0.00	0.00	0.45	0.34	1.46	0.79	0.11	0.00	0.22	0.79	0.34	10.91
7 Central Kootenay	9.60	0.77	0.19	0.19	0.38	8.45	4.99	0.00	0.00	0.58	2.11	0.58	27.85
8 Central Okanagan	7.40	0.52	0.35	0.35	0.26	9.05	0.26	0.00	0.09	0.96	1.31	0.70	21.24
9 Columbia-Shuswap	6.92	0.00	0.00	0.00	0.00	5.01	3.82	0.00	0.00	0.00	0.00	0.96	16.71
10 Comox-Strathcona	7.88	1.07	0.00	0.12	0.00	6.20	0.95	0.00	0.00	0.00	1.67	0.48	18.38
11 Cowichan Valley	6.69	0.33	0.00	0.16	0.65	15.51	1.63	0.00	0.00	0.98	1.14	0.16	27.26
12 Dewdney-Alouette	5.29	0.43	0.54	0.43	0.32	3.99	1.94	0.00	0.32	0.54	0.97	0.43	15.22
13 East Kootenay	10.23	0.42	0.00	0.00	0.21	5.01	3.97	0.00	0.00	0.21	1.67	1.46	23.18
14 Fraser-Cheam	6.74	0.14	0.28	0.00	0.14	3.37	1.83	0.00	0.14	0.98	0.42	0.14	14.19
15 Fraser-Fort George	4.38	0.46	1.04	0.23	0.92	1.73	1.61	0.00	0.23	0.46	0.58	0.23	11.86
17 Kitimat-Stikine	7.26	1.25	2.00	0.25	1.25	2.25	1.75	0.00	0.00	0.25	1.25	1.25	18.78
18 Kootenay Boundary	12.71	0.64	0.00	0.64	1.59	12.39	4.77	0.00	0.00	0.32	0.32	2.22	35.59
19 Mount Waddington	0.74	0.00	0.00	0.00	0.00	1.48	4.45	0.00	0.00	0.00	0.74	0.74	8.15
20 Nanaimo	8.69	0.49	0.20	0.10	0.49	5.14	1.19	0.00	0.00	0.59	0.79	1.09	18.77
21 North Okanagan	5.36	0.00	0.00	0.32	1.79	7.95	2.27	0.00	0.32	0.00	1.14	0.97	20.13
22 Okanagan-Similkameen	11.02	0.87	0.29	0.72	0.58	5.94	3.48	0.14	0.00	0.43	1.88	0.87	26.24
23 Peace River	6.84	0.00	0.57	0.19	0.95	1.90	2.28	0.19	0.19	0.19	1.33	0.57	15.20
24 Powell River	11.60	0.00	0.00	0.53	0.53	10.55	1.58	0.00	0.00	0.00	1.58	1.05	27.42
25 Skeena-Queen Charlotte	5.54	0.00	0.43	0.00	0.00	1.28	1.28	0.00	0.00	0.00	0.00	0.85	9.37
26 Squamish-Lillooet	1.78	0.00	0.00	0.00	0.00	1.78	6.24	0.00	0.00	0.00	0.89	1.34	12.03
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	5.41	0.00	0.00	0.00	0.49	1.47	2.46	0.00	0.00	0.00	0.00	0.98	10.81
29 Thompson-Nicola	9.24	1.18	0.39	0.20	0.98	2.95	1.57	0.00	0.10	0.29	1.28	0.59	18.77
30 Fort Nelson/Liard	3.78	0.00	0.00	0.00	0.00	0.00	9.45	0.00	0.00	0.00	0.00	0.00	13.23
Metropolitan - Subtotal	**3.81**	**0.80**	**0.34**	**0.22**	**0.33**	**3.65**	**0.70**	**0.09**	**0.09**	**0.77**	**0.97**	**0.46**	**12.24**
3 Capital	3.55	1.15	0.00	0.20	0.07	7.62	0.53	0.13	0.23	1.74	1.28	0.62	17.11
16 Greater Vancouver	3.87	0.73	0.41	0.22	0.39	2.87	0.74	0.08	0.06	0.58	0.91	0.43	11.28
TOTAL	**5.29**	**0.66**	**0.32**	**0.22**	**0.41**	**4.28**	**1.37**	**0.06**	**0.09**	**0.61**	**1.01**	**0.56**	**14.88**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 6a

Licensed Practical Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Job Title

September 1992

Regional Hospital District	LPN	LTC Aide/ Nurses Aide	Orderly	Other	Unknown	Total
Non-Metropolitan - Subtotal	**2,029**	**301**	**37**	**194**	**63**	**2,624**
1 Alberni-Clayoquot	37	8	0	4	1	50
2 Bulkley-Nechako	50	3	0	3	1	57
4 Cariboo	71	9	0	5	3	88
5 Central Coast	1	1	0	0	0	2
6 Central Fraser Valley	78	8	4	5	2	97
7 Central Kootenay	113	24	0	6	2	145
8 Central Okanagan	204	14	7	13	6	244
9 Columbia-Shuswap	57	9	2	2	0	70
10 Comox-Strathcona	110	28	0	13	3	154
11 Cowichan Valley	143	16	0	6	2	167
12 Dewdney-Alouette	101	15	1	20	4	141
13 East Kootenay	75	23	0	9	4	111
14 Fraser-Cheam	80	11	0	10	0	101
15 Fraser-Fort George	76	13	1	11	2	103
17 Kitimat-Stikine	63	5	0	5	2	75
18 Kootenay Boundary	86	17	0	5	4	112
19 Mount Waddington	8	2	0	0	1	11
20 Nanaimo	135	34	0	14	7	190
21 North Okanagan	94	9	7	9	5	124
22 Okanagan-Similkameen	139	13	10	15	4	181
23 Peace River	67	3	0	8	2	80
24 Powell River	46	3	0	2	1	52
25 Skeena-Queen Charlotte	18	1	0	3	0	22
26 Squamish-Lillooet	22	2	0	0	3	27
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	16	3	0	2	1	22
29 Thompson-Nicola	132	27	5	24	3	191
30 Fort Nelson/Liard	7	0	0	0	0	7
Metropolitan - Subtotal	**1,702**	**205**	**50**	**263**	**54**	**2,274**
3 Capital	378	52	14	62	15	521
16 Greater Vancouver	1,324	153	36	201	39	1,753
TOTAL	**3,731**	**506**	**87**	**457**	**117**	**4,898**

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Table 6b

Licensed Practical Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Job Title September 1992

Regional Hospital District	LPN	LTC Aide/ Nurses Aide	Orderly	Other	Unknown	Total
Non-Metropolitan - Subtotal	**14.15**	**2.10**	**0.26**	**1.35**	**0.44**	**18.29**
1 Alberni-Clayoquot	12.39	2.68	0.00	1.34	0.33	16.75
2 Bulkley-Nechako	13.23	0.79	0.00	0.79	0.26	15.09
4 Cariboo	12.06	1.53	0.00	0.85	0.51	14.94
5 Central Coast	3.17	3.17	0.00	0.00	0.00	6.34
6 Central Fraser Valley	8.77	0.90	0.45	0.56	0.22	10.91
7 Central Kootenay	21.70	4.61	0.00	1.15	0.38	27.85
8 Central Okanagan	17.76	1.22	0.61	1.13	0.52	21.24
9 Columbia-Shuswap	13.61	2.15	0.48	0.48	0.00	16.71
10 Comox-Strathcona	13.13	3.34	0.00	1.55	0.36	18.38
11 Cowichan Valley	23.34	2.61	0.00	0.98	0.33	27.26
12 Dewdney-Alouette	10.90	1.62	0.11	2.16	0.43	15.22
13 East Kootenay	15.66	4.80	0.00	1.88	0.84	23.18
14 Fraser-Cheam	11.24	1.54	0.00	1.40	0.00	14.19
15 Fraser-Fort George	8.75	1.50	0.12	1.27	0.23	11.86
17 Kitimat-Stikine	15.78	1.25	0.00	1.25	0.50	18.78
18 Kootenay Boundary	27.33	5.40	0.00	1.59	1.27	35.59
19 Mount Waddington	5.93	1.48	0.00	0.00	0.74	8.15
20 Nanaimo	13.33	3.36	0.00	1.38	0.69	18.77
21 North Okanagan	15.26	1.46	1.14	1.46	0.81	20.13
22 Okanagan-Similkameen	20.15	1.88	1.45	2.17	0.58	26.24
23 Peace River	12.73	0.57	0.00	1.52	0.38	15.20
24 Powell River	24.26	1.58	0.00	1.05	0.53	27.42
25 Skeena-Queen Charlotte	7.67	0.43	0.00	1.28	0.00	9.37
26 Squamish-Lillooet	9.81	0.89	0.00	0.00	1.34	12.03
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	7.86	1.47	0.00	0.98	0.49	10.81
29 Thompson-Nicola	12.97	2.65	0.49	2.36	0.29	18.77
30 Fort Nelson/Liard	13.23	0.00	0.00	0.00	0.00	13.23
Metropolitan - Subtotal	**9.16**	**1.10**	**0.27**	**1.42**	**0.29**	**12.24**
3 Capital	12.41	1.71	0.46	2.04	0.49	17.11
16 Greater Vancouver	8.52	0.98	0.23	1.29	0.25	11.28
TOTAL	**11.33**	**1.54**	**0.26**	**1.39**	**0.36**	**14.88**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 7

Analysis of Change in the Number of Licensed Practical Nurses in British Columbia

by Regional Hospital District

September 1991 to September 1992

Regional Hospital District	September 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Unknown	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	September 1992
Non-Metropolitan - Subtotal	**3,343**	**84**	**43**	**4**	**4**	**135**	**104**	**273**	**28**	**3,337**
1 Alberni-Clayoquot	67	0	0	0	0	0	5	4	0	68
2 Bulkley-Nechako	85	2	2	0	0	4	4	9	-3	81
4 Cariboo	128	4	0	0	1	5	0	16	-1	116
5 Central Coast	2	0	0	0	1	1	0	1	0	2
6 Central Fraser Valley	131	3	5	0	0	8	3	13	-9	120
7 Central Kootenay	192	5	1	0	0	6	2	15	2	187
8 Central Okanagan	290	15	8	0	1	24	6	25	8	303
9 Columbia-Shuswap	90	0	1	0	0	1	2	5	0	88
10 Comox-Strathcona	199	3	5	0	0	8	5	23	5	194
11 Cowichan Valley	219	3	1	0	0	4	8	14	6	223
12 Dewdney-Alouette	173	6	2	1	0	9	7	14	5	180
13 East Kootenay	135	5	1	0	0	6	3	12	3	135
14 Fraser-Cheam	123	3	4	0	0	7	3	11	1	123
15 Fraser-Fort George	145	4	2	0	0	6	13	22	-2	140
17 Kitimat-Stikine	85	2	1	0	1	4	1	3	3	90
18 Kootenay Boundary	125	4	0	0	0	4	3	1	2	133
19 Mount Waddington	18	0	0	0	0	0	0	1	1	18
20 Nanaimo	249	12	3	0	0	15	10	21	-2	251
21 North Okanagan	164	2	2	0	0	4	4	11	-5	156
22 Okanagan-Similkameen	205	4	0	0	0	4	6	9	-1	205
23 Peace River	107	1	1	0	0	2	5	7	-1	106
24 Powell River	65	5	0	0	0	5	0	5	0	65
25 Skeena-Queen Charlotte	29	0	0	0	0	0	2	5	0	26
26 Squamish-Lillooet	27	1	1	1	0	3	4	3	3	34
27 Stikine	2	0	0	0	0	0	0	0	0	2
28 Sunshine Coast	28	0	0	0	0	0	1	2	3	30
29 Thompson-Nicola	249	0	2	2	0	4	5	21	8	245
30 Fort Nelson/Liard	11	0	1	0	0	1	2	0	2	16
Metropolitan - Subtotal	**2,825**	**95**	**35**	**18**	**5**	**153**	**111**	**275**	**-28**	**2,786**
3 Capital	673	13	8	0	1	22	19	67	-8	639
16 Greater Vancouver	2,152	82	27	18	4	131	92	208	-20	2,147
TOTAL	**6,168**	**179**	**78**	**22**	**9**	**288**	**215**	**548**	**0**	**6,123**

[1] Licensed Practical Nurses who reported B.C. addresses and were licensed in September 1992 and whose date of initial registration was after September 1991.

[2] Licensed Practical Nurses who reported B.C. addresses and were licensed in September 1992 but not in September 1991 and who were registered for the first time before September 1991.

[3] Licensed Practical Nurses who reported B.C. addresses and were licensed in September 1991 but not in September 1992.

Prepared by:
Health Human Resources Unit
The University of British Columbia

REGISTERED NURSES

REGISTERED NURSES

Definition: A Registered Nurse

functions as a practitioner, educator, administrator or researcher. The choice of role will be determined by academic preparation, experience, established policies of the employing agency, and the nurse's employment agreement. A few nurses are self-employed.

These roles are performed in a variety of services and settings: acute, extended, intermediate and personal care; public health, occupational health, colleges and universities, doctors' offices and people's homes.[1]

Governing Statute: Nurses (Registered) Act, Revised Statutes of British Columbia, 1979, Chapter 302; Nursing Statutes Amendment Act, 1988, Chapter 51 Sections 4-38; Health Statutes Amendment Act, 1990, Chapter 51, Sections 30-32; administered by the Ministry of Health.

Governing Body: Registered Nurses Association of British Columbia (RNABC). In order to practise as a Registered Nurse in British Columbia, it is necessary to be registered by the RNABC. Members of the RNABC who are registered nurses have exclusive use of the titles: *Registered Nurse,* or *RN.*

Date of Record: June 1991 and June 1992.

Source of Data: Registered Nurses Association of British Columbia (RNABC).

Preparation and Updating:

The tables that follow are derived from the register of the RNABC. The reader is cautioned that changes made by the RNABC to the categories for reporting Type of Employer, Area of Responsibility, and Employment Position on the registration renewal form may limit the degree to which the figures presented can be compared from year to year. In 1992, the changes in the form were responsible for large increases in the number of Registered Nurses counted in the *Other* category in the tables corresponding to these areas.

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[1] From information provided by the Registered Nurses Association of British Columbia. See also *Canadian Classification and Dictionary of Occupations 1980*, Major Group 31, Nos. 3130-110 through 3131-138, pp. 52-54, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Membership Status

Tables 1a, 1b, and 1c report Registered Nurses by their RNABC registration status. A Registered Nurse may hold a practising or non-practising membership in the RNABC. A practising Registered Nurse may or may not be employed in nursing. A non-practising Registered Nurse who commences employment in nursing in British Columbia must convert to practising membership.

2. Age and Sex

Age and sex information on practising and non-practising Registered Nurses, derived from the RNABC registration database, is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Employment Status

Tables 3a and 3b report practising Registered Nurses according to their employment status as indicated on their RNABC registration form. The categories used in the table are:

(a) Employed in Nursing

- Full-Time
- Part-Time
- Seasonal/Casual

(b) Employed in Other Field
(c) Not Employed
(d) Unknown - employment status not reported

4. Type of Employer

Type of employer is reported initially upon registration, and updated annually from the RNABC registration renewal form. Tables 4a and 4b show this information for practising Registered Nurses employed in nursing. Changes made by the RNABC to the categories for reporting type of employer may limit the degree to which these figures may be compared from year to year. In 1992, these changes have resulted in large increases in the number of RNs reported in the *Other* category in the table. The categories used are:

(a) General Hospital
(b) Rehabilitation
(c) Extended Care
(d) Psychiatric Hospital/Mental Health Centre
(e) Long Term Care/Nursing Home
(f) Home Care
(g) Community Health Agency
(h) Business-Industry/Occupational Health
(i) Physician's Office/Family Practice Unit
(j) Educational Institution
(k) Self-Employed
(l) Private Nursing Agency/Private Duty
(m) Association/Government
(n) Nursing Stations (Outpost/Nurse Clinics)
(o) Other

5. Primary Area of Responsibility

Primary area of responsibility is reported initially upon registration, and updated annually from the RNABC registration renewal form. Tables 5a and 5b show this information for practising Registered Nurses employed in nursing. As noted previously, changes made to the categories for reporting Area of Responsibility on the RNABC's registration renewal form may limit the degree to which these figures can be compared from year to year. This is particularly true for the Critical Care category. In 1989, Critical Care included Intensive Care Unit, Operating Room and Emergency Room. In 1990, Operating Room and Emergency Room were deleted from Critical Care and reported separately, and Post Anesthetic Recovery Room was added as another category. In 1991, Emergency Room was inserted back into Critical Care and Neurosciences was added as a separate category. In 1992, Emergency Room was removed from Critical Care and Post Anesthetic Recovery Room was inserted into Critical Care. Neurosciences was removed as a separate category, while Home Care was added as a separate category. The categories used by the RNABC in 1992 are:

(a) Direct Patient Care -
  (i) Medical/Surgical
  (ii) Critical Care (e.g., ICU, CCU, PAR)
  (iii) Operating Room
  (iv) Ambulatory Care
  (v) Emergency Care
  (vi) Maternal/Newborn
  (vii) Psychiatric/Mental Health
  (viii) Paediatrics
  (ix) Geriatrics/Gerontology
  (x) Occupational Health
  (xi) Several Clinical Areas
  (xii) Community Health
  (xiii) Home Care
  (xiv) Other Patient Care

(b) Administration -
  (i) Nursing Education Administration
  (ii) Nursing Services Administration
  (iii) Other Administration

(c) Teaching -
  (i) Teaching - Students
  (ii) Teaching - Employees
  (iii) Teaching - Patients/Clients
  (iv) Teaching - Other Education

(d) Research

6. Employment Position

Employment position is reported initially upon registration, and updated annually from the RNABC registration renewal form. Tables 6a and 6b show this information for practising Registered Nurses employed in nursing. As with Type of Employer and Area of Responsibility, changes made to the categories for reporting Employment Position on the registration renewal form may limit the degree to which these figures can be compared from year to year. In 1992, the effect of these changes can be seen by referring to the *Other* category for employment position. There are 4,147 Registered Nurses in this category in 1992, a dramatic increase over the 1,432 Registered Nurses who were reported in 1991. The categories used in 1992 are:

(a) Chief Nursing Officer/Director
(b) Assistant/Associate Director
(c) Supervisor/Coordinator
(d) Clinical Nurse Specialist/Clinician
(e) Head Nurse/Assistant Head Nurse
(f) Staff Nurse/Home Care/Community Health Nurse
(g) Office/Occupational/Industrial Nurse
(h) Instructor/Professor
(i) Consultant/Counsellor
(j) Researcher
(k) Other

7. Analysis of Change

Table 7 illustrates sources of change which affected the stock of practising Registered Nurses from 1991 to 1992.

New registrants include nurses who were practising members as of June 1992 and who registered with the RNABC *for the first time* subsequent to June 1991. New registrants are recorded according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses and new registrants who register as non-practising.

Reactivations represent nurses who were not practising members in June 1991 but were practising members in British Columbia in June 1992, and whose date of initial registration was before June 1991. Also included as reactivations are practising Registered Nurses who reported out-of-province addresses in June 1991, but who reported British Columbia addresses in June 1992.

Attrition describes practising Registered Nurses who were included in the 1991 Registered Nurse stock, but who, because of death, retirement, out-of-province relocation, or non-renewal of practising registration, were not included in the 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of Registered Nurses among different Regional Hospital Districts. The net migration total is therefore zero.

Practising Registered Nurses per 10,000 Population by Regional Hospital District June 1992 N=27214

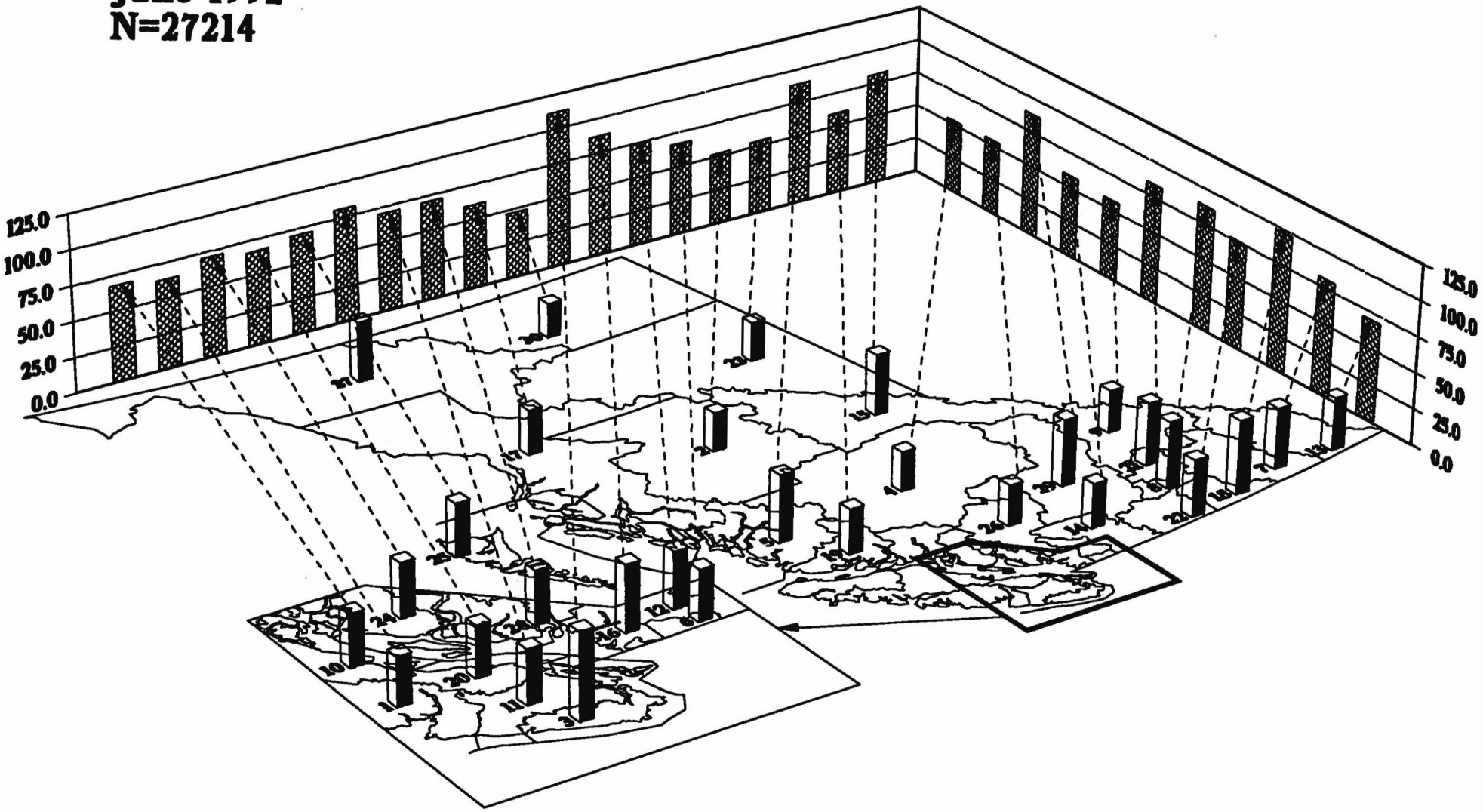

Table 1a

Registered Nurses in British Columbia

by Regional Hospital District by Registration Status

June 1991 and June 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**9,988**	**10,270**	**960**	**1,092**	**10,948**	**11,362**
1 Alberni-Clayoquot	180	189	22	19	202	208
2 Bulkley-Nechako	197	196	21	25	218	221
4 Cariboo	315	311	24	31	339	342
5 Central Coast	29	28	2	1	31	29
6 Central Fraser Valley	596	594	48	74	644	668
7 Central Kootenay	415	422	48	49	463	471
8 Central Okanagan	980	1,011	84	102	1,064	1,113
9 Columbia-Shuswap	220	239	29	33	249	272
10 Comox-Strathcona	549	569	70	77	619	646
11 Cowichan Valley	406	432	57	57	463	489
12 Dewdney-Alouette	635	691	42	46	677	737
13 East Kootenay	336	335	30	36	366	371
14 Fraser-Cheam	387	418	48	46	435	464
15 Fraser-Fort George	701	710	31	48	732	758
17 Kitimat-Stikine	235	240	19	21	254	261
18 Kootenay Boundary	302	308	27	31	329	339
19 Mount Waddington	73	80	11	7	84	87
20 Nanaimo	674	676	96	105	770	781
21 North Okanagan	502	516	41	58	543	574
22 Okanagan-Similkameen	514	522	53	54	567	576
23 Peace River	265	282	19	21	284	303
24 Powell River	141	135	13	16	154	151
25 Skeena-Queen Charlotte	165	166	11	11	176	177
26 Squamish-Lillooet	116	121	24	16	140	137
27 Stikine	13	13	1	1	14	14
28 Sunshine Coast	135	144	24	26	159	170
29 Thompson-Nicola	882	897	61	74	943	971
30 Fort Nelson/Liard	25	25	4	7	29	32
Metropolitan - Subtotal	**16,838**	**16,944**	**1,480**	**1,538**	**18,318**	**18,482**
3 Capital	3,328	3,412	341	341	3,669	3,753
16 Greater Vancouver	13,510	13,532	1,139	1,197	14,649	14,729
TOTAL	**26,826**	**27,214**	**2,440**	**2,630**	**29,266**	**29,844**

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Table 1b

Registered Nurses in British Columbia

per 10,000 Population by Regional Hospital District by Registration Status

June 1991[1] and June 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**71.39**	**71.60**	**6.86**	**7.61**	**78.25**	**79.22**
1 Alberni-Clayoquot	59.58	63.31	7.28	6.36	66.87	69.67
2 Bulkley-Nechako	52.62	51.87	5.61	6.62	58.23	58.49
4 Cariboo	53.95	52.81	4.11	5.26	58.06	58.07
5 Central Coast	92.21	88.72	6.36	3.17	98.57	91.89
6 Central Fraser Valley	70.53	66.82	5.68	8.32	76.21	75.15
7 Central Kootenay	81.37	81.05	9.41	9.41	90.78	90.46
8 Central Okanagan	89.74	88.00	7.69	8.88	97.44	96.88
9 Columbia-Shuswap	53.21	57.06	7.01	7.88	60.23	64.94
10 Comox-Strathcona	67.30	67.89	8.58	9.19	75.88	77.08
11 Cowichan Valley	68.34	70.51	9.59	9.30	77.94	79.81
12 Dewdney-Alouette	71.19	74.60	4.71	4.97	75.90	79.57
13 East Kootenay	69.42	69.96	6.20	7.52	75.62	77.48
14 Fraser-Cheam	56.18	58.71	6.97	6.46	63.15	65.17
15 Fraser-Fort George	81.48	81.74	3.60	5.53	85.08	87.27
17 Kitimat-Stikine	59.49	60.10	4.81	5.26	64.30	65.36
18 Kootenay Boundary	97.36	97.86	8.70	9.85	106.06	107.71
19 Mount Waddington	53.55	59.30	8.07	5.19	61.62	64.49
20 Nanaimo	69.23	66.76	9.86	10.37	79.09	77.14
21 North Okanagan	83.93	83.77	6.85	9.42	90.78	93.19
22 Okanagan-Similkameen	77.40	75.68	7.98	7.83	85.38	83.51
23 Peace River	51.47	53.57	3.69	3.99	55.16	57.56
24 Powell River	75.39	71.20	6.95	8.44	82.34	79.64
25 Skeena-Queen Charlotte	70.95	70.73	4.73	4.69	75.68	75.42
26 Squamish-Lillooet	52.68	53.93	10.90	7.13	63.58	61.06
27 Stikine	80.95	81.15	6.23	6.24	87.17	87.39
28 Sunshine Coast	67.31	70.76	11.97	12.78	79.28	83.54
29 Thompson-Nicola	87.81	88.14	6.07	7.27	93.88	95.41
30 Fort Nelson/Liard	49.73	47.23	7.96	13.23	57.69	60.46
Metropolitan - Subtotal	**92.82**	**91.17**	**8.16**	**8.28**	**100.97**	**99.45**
3 Capital	111.67	112.03	11.44	11.20	123.11	123.23
16 Greater Vancouver	89.11	87.08	7.51	7.70	96.62	94.79
TOTAL	**83.49**	**82.65**	**7.59**	**7.99**	**91.08**	**90.64**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.

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Table 1c

Annual Rate of Change: Registered Nurses in British Columbia

by Regional Hospital District by Registration Status

June 1991 to June 1992

Regional Hospital District	Practising		Non-Practising		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**2.82**	**0.30**	**13.75**	**10.95**	**3.78**	**1.23**
1 Alberni-Clayoquot	5.00	6.25	-13.64	-12.61	2.97	4.19
2 Bulkley-Nechako	-0.51	-1.43	19.05	17.95	1.38	0.44
4 Cariboo	-1.27	-2.11	29.17	28.07	0.88	0.03
5 Central Coast	-3.45	-3.78	*	*	-6.45	-6.78
6 Central Fraser Valley	-0.34	-5.26	54.17	46.55	3.73	-1.40
7 Central Kootenay	1.69	-0.39	2.08	0.00	1.73	-0.35
8 Central Okanagan	3.16	-1.94	21.43	15.42	4.61	-0.57
9 Columbia-Shuswap	8.64	7.23	13.79	12.32	9.24	7.83
10 Comox-Strathcona	3.64	0.88	10.00	7.07	4.36	1.58
11 Cowichan Valley	6.40	3.17	0.00	-3.04	5.62	2.40
12 Dewdney-Alouette	8.82	4.80	9.52	5.47	8.86	4.84
13 East Kootenay	-0.30	0.78	20.00	21.30	1.37	2.46
14 Fraser-Cheam	8.01	4.49	-4.17	-7.29	6.67	3.19
15 Fraser-Fort George	1.28	0.33	54.84	53.37	3.55	2.57
17 Kitimat-Stikine	2.13	1.02	10.53	9.33	2.76	1.64
18 Kootenay Boundary	1.99	0.52	14.81	13.16	3.04	1.56
19 Mount Waddington	9.59	10.74	-36.36	-35.69	3.57	4.66
20 Nanaimo	0.30	-3.56	9.38	5.17	1.43	-2.47
21 North Okanagan	2.79	-0.19	41.46	37.36	5.71	2.65
22 Okanagan-Similkameen	1.56	-2.22	1.89	-1.90	1.59	-2.19
23 Peace River	6.42	4.08	10.53	8.10	6.69	4.35
24 Powell River	-4.26	-5.56	23.08	21.40	-1.95	-3.29
25 Skeena-Queen Charlotte	0.61	-0.31	0.00	-0.91	0.57	-0.34
26 Squamish-Lillooet	4.31	2.36	-33.33	-34.58	-2.14	-3.97
27 Stikine	0.00	0.25	*	*	0.00	0.25
28 Sunshine Coast	6.67	5.12	8.33	6.76	6.92	5.37
29 Thompson-Nicola	1.70	0.38	21.31	19.73	2.97	1.63
30 Fort Nelson/Liard	0.00	-5.03	*	*	10.34	4.80
Metropolitan - Subtotal	**0.63**	**-1.77**	**3.92**	**1.44**	**0.90**	**-1.51**
3 Capital	2.52	0.33	0.00	-2.14	2.29	0.10
16 Greater Vancouver	0.16	-2.28	5.09	2.53	0.55	-1.90
TOTAL	**1.45**	**-1.01**	**7.79**	**5.18**	**1.97**	**-0.49**

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Registered Nurses in British Columbia
by Regional Hospital District by Age and Sex
June 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	**2**	**267**	**84**	**2,352**	**109**	**4,056**	**54**	**2,987**	**17**	**1,282**	**0**	**139**	**266**	**11,083**	**13**	**11,362**
1 Alberni-Clayoquot	0	5	1	37	1	79	0	58	0	24	0	3	2	206	0	208
2 Bulkley-Nechako	0	8	0	51	4	75	2	57	1	18	0	5	7	214	0	221
4 Cariboo	0	3	1	55	1	143	0	97	1	35	0	6	3	339	0	342
5 Central Coast	0	1	2	7	0	10	0	6	0	2	0	1	2	27	0	29
6 Central Fraser Valley	0	19	7	154	3	221	5	172	4	73	0	10	19	649	0	668
7 Central Kootenay	1	7	4	72	9	192	1	121	0	55	0	8	15	455	1	471
8 Central Okanagan	0	27	10	217	9	422	4	298	1	114	0	10	24	1,088	1	1,113
9 Columbia-Shuswap	0	2	2	47	1	103	0	69	0	45	0	3	3	269	0	272
10 Comox-Strathcona	0	8	2	127	6	244	2	167	0	81	0	9	10	636	0	646
11 Cowichan Valley	0	5	5	75	9	193	0	140	1	60	0	1	15	474	0	489
12 Dewdney-Alouette	0	18	7	184	9	257	15	168	4	67	0	7	35	701	1	737
13 East Kootenay	0	5	1	71	4	124	1	124	0	36	0	4	6	364	1	371
14 Fraser-Cheam	0	8	6	108	6	135	7	121	1	65	0	7	20	444	0	464
15 Fraser-Fort George	1	42	8	182	8	297	1	165	0	52	0	1	18	739	1	758
17 Kitimat-Stikine	0	10	2	77	1	89	1	58	1	20	0	2	5	256	0	261
18 Kootenay Boundary	0	5	2	55	4	131	1	90	0	46	0	4	7	331	1	339
19 Mount Waddington	0	2	1	21	0	25	0	26	0	11	0	1	1	86	0	87
20 Nanaimo	0	5	5	131	5	250	2	252	2	111	0	16	14	765	2	781
21 North Okanagan	0	14	3	90	4	212	1	179	1	63	0	5	9	563	2	574
22 Okanagan-Similkameen	0	7	2	101	8	195	2	155	0	90	0	15	12	563	1	576
23 Peace River	0	20	4	93	1	91	2	67	0	24	0	1	7	296	0	303
24 Powell River	0	5	0	26	2	49	0	39	0	27	0	3	2	149	0	151
25 Skeena-Queen Charlotte	0	4	4	53	3	62	1	28	0	20	0	1	8	168	1	177
26 Squamish-Lillooet	0	2	0	47	1	47	1	26	0	9	0	4	2	135	0	137
27 Stikine	0	1	0	4	0	4	0	2	0	2	0	1	0	14	0	14
28 Sunshine Coast	0	2	1	31	1	54	1	47	0	32	0	1	3	167	0	170
29 Thompson-Nicola	0	31	4	227	9	336	4	252	0	97	0	10	17	953	1	971
30 Fort Nelson/Liard	0	1	0	9	0	16	0	3	0	3	0	0	0	32	0	32
Metropolitan - Subtotal	**10**	**499**	**173**	**4,519**	**236**	**6,009**	**143**	**4,710**	**24**	**1,912**	**1**	**225**	**587**	**17,874**	**21**	**18,482**
3 Capital	1	62	36	753	68	1,277	28	1,023	5	438	0	57	138	3,610	5	3,753
16 Greater Vancouver	9	437	137	3,766	168	4,732	115	3,687	19	1,474	1	168	449	14,264	16	14,729
TOTAL	**12**	**766**	**257**	**6,871**	**345**	**10,065**	**197**	**7,697**	**41**	**3,194**	**1**	**364**	**853**	**28,957**	**34**	**29,844**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3a

Practising Registered Nurses in British Columbia
by Regional Hospital District by Employment Status
June 1992

Regional Hospital District	Employed in Nursing: Full-Time	Part-Time	Seasonal/ Casual	Unknown	Subtotal	Employed in Other Field	Not Employed	Unknown	Total
Non-Metropolitan - Subtotal	**4,873**	**1,999**	**2,779**	**239**	**9,890**	**47**	**210**	**123**	**10,270**
1 Alberni-Clayoquot	83	42	50	6	181	1	6	1	189
2 Bulkley-Nechako	89	36	60	4	189	1	3	3	196
4 Cariboo	158	78	64	4	304	0	3	4	311
5 Central Coast	9	8	9	0	26	1	1	0	28
6 Central Fraser Valley	286	127	151	10	574	0	11	9	594
7 Central Kootenay	173	95	117	10	395	2	14	11	422
8 Central Okanagan	450	178	300	30	958	9	33	11	1,011
9 Columbia-Shuswap	96	61	64	6	227	2	6	4	239
10 Comox-Strathcona	239	113	174	16	542	4	15	8	569
11 Cowichan Valley	193	85	124	4	406	3	17	6	432
12 Dewdney-Alouette	358	150	159	12	679	1	7	4	691
13 East Kootenay	153	73	88	7	321	1	8	5	335
14 Fraser-Cheam	223	76	96	12	407	2	6	3	418
15 Fraser-Fort George	353	90	221	29	693	2	7	8	710
17 Kitimat-Stikine	118	37	71	5	231	1	4	4	240
18 Kootenay Boundary	145	79	70	6	300	1	3	4	308
19 Mount Waddington	30	21	22	2	75	1	3	1	80
20 Nanaimo	330	119	185	14	648	3	18	7	676
21 North Okanagan	224	96	170	11	501	4	6	5	516
22 Okanagan-Similkameen	259	101	129	18	507	1	8	6	522
23 Peace River	148	62	56	2	268	0	9	5	282
24 Powell River	59	28	43	3	133	0	1	1	135
25 Skeena-Queen Charlotte	91	29	35	5	160	1	2	3	166
26 Squamish-Lillooet	57	25	31	4	117	1	2	1	121
27 Stikine	8	2	3	0	13	0	0	0	13
28 Sunshine Coast	61	27	49	3	140	1	2	1	144
29 Thompson-Nicola	470	157	229	16	872	4	13	8	897
30 Fort Nelson/Liard	10	4	9	0	23	0	2	0	25
Metropolitan - Subtotal	**9,369**	**2,973**	**3,676**	**340**	**16,358**	**86**	**335**	**165**	**16,944**
3 Capital	1,633	650	913	91	3,287	19	71	35	3,412
16 Greater Vancouver	7,736	2,323	2,763	249	13,071	67	264	130	13,532
TOTAL	**14,242**	**4,972**	**6,455**	**579**	**26,248**	**133**	**545**	**288**	**27,214**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3b

Practising Registered Nurses in British Columbia

per 10,000 Population by Regional Hospital District by Employment Status

June 1992

Regional Hospital District	Employed in Nursing: Full-Time	Part-Time	Seasonal/ Casual	Unknown	Subtotal	Employed in Other Field	Not Employed	Unknown	Total
Non-Metropolitan - Subtotal	**33.97**	**13.94**	**19.38**	**1.67**	**68.95**	**0.33**	**1.46**	**0.86**	**71.60**
1 Alberni-Clayoquot	27.80	14.07	16.75	2.01	60.63	0.33	2.01	0.33	63.31
2 Bulkley-Nechako	23.55	9.53	15.88	1.06	50.02	0.26	0.79	0.79	51.87
4 Cariboo	26.83	13.25	10.87	0.68	51.62	0.00	0.51	0.68	52.81
5 Central Coast	28.52	25.35	28.52	0.00	82.38	3.17	3.17	0.00	88.72
6 Central Fraser Valley	32.17	14.29	16.99	1.12	64.57	0.00	1.24	1.01	66.82
7 Central Kootenay	33.23	18.25	22.47	1.92	75.87	0.38	2.69	2.11	81.05
8 Central Okanagan	39.17	15.49	26.11	2.61	83.39	0.78	2.87	0.96	88.00
9 Columbia-Shuswap	22.92	14.56	15.28	1.43	54.20	0.48	1.43	0.96	57.06
10 Comox-Strathcona	28.52	13.48	20.76	1.91	64.67	0.48	1.79	0.95	67.89
11 Cowichan Valley	31.50	13.87	20.24	0.65	66.26	0.49	2.77	0.98	70.51
12 Dewdney-Alouette	38.65	16.19	17.17	1.30	73.31	0.11	0.76	0.43	74.60
13 East Kootenay	31.95	15.25	18.38	1.46	67.04	0.21	1.67	1.04	69.96
14 Fraser-Cheam	31.32	10.67	13.48	1.69	57.16	0.28	0.84	0.42	58.71
15 Fraser-Fort George	40.64	10.36	25.44	3.34	79.79	0.23	0.81	0.92	81.74
17 Kitimat-Stikine	29.55	9.27	17.78	1.25	57.85	0.25	1.00	1.00	60.10
18 Kootenay Boundary	46.07	25.10	22.24	1.91	95.32	0.32	0.95	1.27	97.86
19 Mount Waddington	22.24	15.57	16.31	1.48	55.59	0.74	2.22	0.74	59.30
20 Nanaimo	32.59	11.75	18.27	1.38	64.00	0.30	1.78	0.69	66.76
21 North Okanagan	36.37	15.59	27.60	1.79	81.34	0.65	0.97	0.81	83.77
22 Okanagan-Similkameen	37.55	14.64	18.70	2.61	73.51	0.14	1.16	0.87	75.68
23 Peace River	28.11	11.78	10.64	0.38	50.91	0.00	1.71	0.95	53.57
24 Powell River	31.12	14.77	22.68	1.58	70.14	0.00	0.53	0.53	71.20
25 Skeena-Queen Charlotte	38.78	12.36	14.91	2.13	68.18	0.43	0.85	1.28	70.73
26 Squamish-Lillooet	25.40	11.14	13.82	1.78	52.15	0.45	0.89	0.45	53.93
27 Stikine	49.94	12.48	18.73	0.00	81.15	0.00	0.00	0.00	81.15
28 Sunshine Coast	29.98	13.27	24.08	1.47	68.80	0.49	0.98	0.49	70.76
29 Thompson-Nicola	46.18	15.43	22.50	1.57	85.68	0.39	1.28	0.79	88.14
30 Fort Nelson/Liard	18.89	7.56	17.00	0.00	43.45	0.00	3.78	0.00	47.23
Metropolitan - Subtotal	**50.41**	**16.00**	**19.78**	**1.83**	**88.02**	**0.46**	**1.80**	**0.89**	**91.17**
3 Capital	53.62	21.34	29.98	2.99	107.93	0.62	2.33	1.15	112.03
16 Greater Vancouver	49.78	14.95	17.78	1.60	84.12	0.43	1.70	0.84	87.08
TOTAL	**43.25**	**15.10**	**19.60**	**1.76**	**79.71**	**0.40**	**1.66**	**0.87**	**82.65**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4a

Practising Registered Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Type of Employer

June 1992

Regional Hospital District	General Hospital	Rehabilitation	Extended Care	Psychiatric Hospital/ Mental Health Centre	Long Term Care/ Nursing Home	Home Care	Community Health Agency	Business-Industry/ Occupational Health	Physician's Office/ Family Practice Unit
Non-Metropolitan - Subtotal	**6,088**	**15**	**474**	**65**	**796**	**361**	**608**	**38**	**255**
1 Alberni-Clayoquot	120	0	1	2	11	4	12	0	8
2 Bulkley-Nechako	99	0	1	1	18	6	22	0	7
4 Cariboo	191	0	14	2	21	15	20	1	8
5 Central Coast	17	0	0	0	0	0	3	0	0
6 Central Fraser Valley	347	1	33	6	68	10	28	0	15
7 Central Kootenay	221	0	20	2	50	19	30	2	4
8 Central Okanagan	559	3	65	3	102	41	44	6	42
9 Columbia-Shuswap	142	0	11	1	27	2	14	1	7
10 Comox-Strathcona	334	0	17	1	37	22	35	1	20
11 Cowichan Valley	243	0	29	0	24	18	30	1	12
12 Dewdney-Alouette	418	2	39	23	39	17	29	1	8
13 East Kootenay	208	0	11	1	27	16	23	0	8
14 Fraser-Cheam	254	0	28	5	46	11	17	0	3
15 Fraser-Fort George	483	4	14	2	22	16	39	2	11
17 Kitimat-Stikine	148	0	2	1	3	10	22	3	10
18 Kootenay Boundary	192	0	22	1	24	14	9	1	9
19 Mount Waddington	53	0	0	0	0	0	6	0	1
20 Nanaimo	362	3	32	3	68	32	44	2	22
21 North Okanagan	320	0	21	1	48	21	25	4	12
22 Okanagan-Similkameen	309	1	32	4	61	21	20	2	15
23 Peace River	151	0	12	0	31	15	27	1	6
24 Powell River	86	0	5	0	11	6	11	0	7
25 Skeena-Queen Charlotte	101	0	2	1	7	3	19	0	6
26 Squamish-Lillooet	73	0	1	1	3	3	14	0	2
27 Stikine	6	0	0	0	0	0	2	0	1
28 Sunshine Coast	76	0	10	0	17	4	10	1	6
29 Thompson-Nicola	555	1	52	4	31	35	52	9	5
30 Fort Nelson/Liard	20	0	0	0	0	0	1	0	0
Metropolitan - Subtotal	**9,720**	**187**	**838**	**271**	**956**	**418**	**910**	**136**	**279**
3 Capital	1,805	44	254	75	287	105	191	15	63
16 Greater Vancouver	7,915	143	584	196	669	313	719	121	216
TOTAL	**15,808**	**202**	**1,312**	**336**	**1,752**	**779**	**1,518**	**174**	**534**

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Table 4a (continued)

Practising Registered Nurses Employed in Nursing in British Columbia
by Regional Hospital District by Type of Employer
June 1992

Regional Hospital District	Education Institution	Self-Employed	Private Nursing Agency/ Private Duty	Association/ Government	Nursing Stations (Outpost/ Nurse Clinics)	Other	Unknown	Total
Non-Metropolitan - Subtotal	226	60	19	94	28	725	38	9,890
1 Alberni-Clayoquot	5	1	0	3	3	10	1	181
2 Bulkley-Nechako	3	0	0	5	2	24	1	189
4 Cariboo	9	1	0	6	2	12	2	304
5 Central Coast	0	0	0	1	0	5	0	26
6 Central Fraser Valley	8	6	1	4	1	41	5	574
7 Central Kootenay	13	3	1	1	0	25	4	395
8 Central Okanagan	26	5	5	6	3	46	2	958
9 Columbia-Shuswap	3	1	0	2	0	15	1	227
10 Comox-Strathcona	11	6	5	5	0	47	1	542
11 Cowichan Valley	12	3	2	2	1	28	1	406
12 Dewdney-Alouette	11	4	0	7	0	78	3	679
13 East Kootenay	3	1	0	4	0	18	1	321
14 Fraser-Cheam	6	1	0	7	0	28	1	407
15 Fraser-Fort George	25	7	0	4	0	60	4	693
17 Kitimat-Stikine	4	0	0	3	4	20	1	231
18 Kootenay Boundary	4	0	0	3	0	21	0	300
19 Mount Waddington	0	2	0	1	1	11	0	75
20 Nanaimo	23	5	3	3	2	43	1	648
21 North Okanagan	6	5	1	3	0	32	2	501
22 Okanagan-Similkameen	3	1	1	3	0	33	1	507
23 Peace River	6	1	0	4	0	13	1	268
24 Powell River	2	0	0	1	0	4	0	133
25 Skeena-Queen Charlotte	0	0	0	5	2	12	2	160
26 Squamish-Lillooet	0	1	0	2	1	16	0	117
27 Stikine	0	0	0	0	3	1	0	13
28 Sunshine Coast	1	1	0	2	0	11	1	140
29 Thompson-Nicola	41	5	0	7	3	70	2	872
30 Fort Nelson/Liard	1	0	0	0	0	1	0	23
Metropolitan - Subtotal	490	172	52	119	11	1,732	67	16,358
3 Capital	89	37	9	38	3	261	11	3,287
16 Greater Vancouver	401	135	43	81	8	1,471	56	13,071
TOTAL	716	232	71	213	39	2,457	105	26,248

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4b

Practising Registered Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Type of Employer June 1992

Regional Hospital District	General Hospital	Rehabilitation	Extended Care	Psychiatric Hospital/ Mental Health Centre	Long Term Care/ Nursing Home	Home Care	Community Health Agency	Business-Industry/ Occupational Health	Physician's Office/ Family Practice Unit
Non-Metropolitan - Subtotal	**42.45**	**0.10**	**3.30**	**0.45**	**5.55**	**2.52**	**4.24**	**0.26**	**1.78**
1 Alberni-Clayoquot	40.19	0.00	0.33	0.67	3.68	1.34	4.02	0.00	2.68
2 Bulkley-Nechako	26.20	0.00	0.26	0.26	4.76	1.59	5.82	0.00	1.85
4 Cariboo	32.43	0.00	2.38	0.34	3.57	2.55	3.40	0.17	1.36
5 Central Coast	53.87	0.00	0.00	0.00	0.00	0.00	9.51	0.00	0.00
6 Central Fraser Valley	39.04	0.11	3.71	0.67	7.65	1.12	3.15	0.00	1.69
7 Central Kootenay	42.45	0.00	3.84	0.38	9.60	3.65	5.76	0.38	0.77
8 Central Okanagan	48.66	0.26	5.66	0.26	8.88	3.57	3.83	0.52	3.66
9 Columbia-Shuswap	33.90	0.00	2.63	0.24	6.45	0.48	3.34	0.24	1.67
10 Comox-Strathcona	39.85	0.00	2.03	0.12	4.41	2.63	4.18	0.12	2.39
11 Cowichan Valley	39.66	0.00	4.73	0.00	3.92	2.94	4.90	0.16	1.96
12 Dewdney-Alouette	45.13	0.22	4.21	2.48	4.21	1.84	3.13	0.11	0.86
13 East Kootenay	43.44	0.00	2.30	0.21	5.64	3.34	4.80	0.00	1.67
14 Fraser-Cheam	35.67	0.00	3.93	0.70	6.46	1.54	2.39	0.00	0.42
15 Fraser-Fort George	55.61	0.46	1.61	0.23	2.53	1.84	4.49	0.23	1.27
17 Kitimat-Stikine	37.06	0.00	0.50	0.25	0.75	2.50	5.51	0.75	2.50
18 Kootenay Boundary	61.01	0.00	6.99	0.32	7.63	4.45	2.86	0.32	2.86
19 Mount Waddington	39.29	0.00	0.00	0.00	0.00	0.00	4.45	0.00	0.74
20 Nanaimo	35.75	0.30	3.16	0.30	6.72	3.16	4.35	0.20	2.17
21 North Okanagan	51.95	0.00	3.41	0.16	7.79	3.41	4.06	0.65	1.95
22 Okanagan-Similkameen	44.80	0.14	4.64	0.58	8.84	3.04	2.90	0.29	2.17
23 Peace River	28.68	0.00	2.28	0.00	5.89	2.85	5.13	0.19	1.14
24 Powell River	45.36	0.00	2.64	0.00	5.80	3.16	5.80	0.00	3.69
25 Skeena-Queen Charlotte	43.04	0.00	0.85	0.43	2.98	1.28	8.10	0.00	2.56
26 Squamish-Lillooet	32.54	0.00	0.45	0.45	1.34	1.34	6.24	0.00	0.89
27 Stikine	37.45	0.00	0.00	0.00	0.00	0.00	12.48	0.00	6.24
28 Sunshine Coast	37.35	0.00	4.91	0.00	8.35	1.97	4.91	0.49	2.95
29 Thompson-Nicola	54.54	0.10	5.11	0.39	3.05	3.44	5.11	0.88	0.49
30 Fort Nelson/Liard	37.79	0.00	0.00	0.00	0.00	0.00	1.89	0.00	0.00
Metropolitan - Subtotal	**52.30**	**1.01**	**4.51**	**1.46**	**5.14**	**2.25**	**4.90**	**0.73**	**1.50**
3 Capital	59.27	1.44	8.34	2.46	9.42	3.45	6.27	0.49	2.07
16 Greater Vancouver	50.94	0.92	3.76	1.26	4.31	2.01	4.63	0.78	1.39
TOTAL	**48.01**	**0.61**	**3.98**	**1.02**	**5.32**	**2.37**	**4.61**	**0.53**	**1.62**

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Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4b (continued)

Practising Registered Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Type of Employer June 1992

Regional Hospital District	Education Institution	Self-Employed	Private Nursing Agency/ Private Duty	Association/ Government	Nursing Stations (Outpost/ Nurse Clinics)	Other	Unknown	Total
Non-Metropolitan - Subtotal	**1.58**	**0.42**	**0.13**	**0.66**	**0.20**	**5.05**	**0.26**	**68.95**
1 Alberni-Clayoquot	1.67	0.33	0.00	1.00	1.00	3.35	0.33	60.63
2 Bulkley-Nechako	0.79	0.00	0.00	1.32	0.53	6.35	0.26	50.02
4 Cariboo	1.53	0.17	0.00	1.02	0.34	2.04	0.34	51.62
5 Central Coast	0.00	0.00	0.00	3.17	0.00	15.84	0.00	82.38
6 Central Fraser Valley	0.90	0.67	0.11	0.45	0.11	4.61	0.56	64.57
7 Central Kootenay	2.50	0.58	0.19	0.19	0.00	4.80	0.77	75.87
8 Central Okanagan	2.26	0.44	0.44	0.52	0.26	4.00	0.17	83.39
9 Columbia-Shuswap	0.72	0.24	0.00	0.48	0.00	3.58	0.24	54.20
10 Comox-Strathcona	1.31	0.72	0.60	0.60	0.00	5.61	0.12	64.67
11 Cowichan Valley	1.96	0.49	0.33	0.33	0.16	4.57	0.16	66.26
12 Dewdney-Alouette	1.19	0.43	0.00	0.76	0.00	8.42	0.32	73.31
13 East Kootenay	0.63	0.21	0.00	0.84	0.00	3.76	0.21	67.04
14 Fraser-Cheam	0.84	0.14	0.00	0.98	0.00	3.93	0.14	57.16
15 Fraser-Fort George	2.88	0.81	0.00	0.46	0.00	6.91	0.46	79.79
17 Kitimat-Stikine	1.00	0.00	0.00	0.75	1.00	5.01	0.25	57.85
18 Kootenay Boundary	1.27	0.00	0.00	0.95	0.00	6.67	0.00	95.32
19 Mount Waddington	0.00	1.48	0.00	0.74	0.74	8.15	0.00	55.59
20 Nanaimo	2.27	0.49	0.30	0.30	0.20	4.25	0.10	64.00
21 North Okanagan	0.97	0.81	0.16	0.49	0.00	5.20	0.32	81.34
22 Okanagan-Similkameen	0.43	0.14	0.14	0.43	0.00	4.78	0.14	73.51
23 Peace River	1.14	0.19	0.00	0.76	0.00	2.47	0.19	50.91
24 Powell River	1.05	0.00	0.00	0.53	0.00	2.11	0.00	70.14
25 Skeena-Queen Charlotte	0.00	0.00	0.00	2.13	0.85	5.11	0.85	68.18
26 Squamish-Lillooet	0.00	0.45	0.00	0.89	0.45	7.13	0.00	52.15
27 Stikine	0.00	0.00	0.00	0.00	18.73	6.24	0.00	81.15
28 Sunshine Coast	0.49	0.49	0.00	0.98	0.00	5.41	0.49	68.80
29 Thompson-Nicola	4.03	0.49	0.00	0.69	0.29	6.88	0.20	85.68
30 Fort Nelson/Liard	1.89	0.00	0.00	0.00	0.00	1.89	0.00	43.45
Metropolitan - Subtotal	**2.64**	**0.93**	**0.28**	**0.64**	**0.06**	**9.32**	**0.36**	**88.02**
3 Capital	2.92	1.21	0.30	1.25	0.10	8.57	0.36	107.93
16 Greater Vancouver	2.58	0.87	0.28	0.52	0.05	9.47	0.36	84.12
TOTAL	**2.17**	**0.70**	**0.22**	**0.65**	**0.12**	**7.46**	**0.32**	**79.71**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5a

Practising Registered Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Primary Area of Responsibility

June 1992

	Direct Patient Care														
Regional Hospital District	Medical/ Surgical	Critical Care	Operating Room	Ambul-atory Care	Emerg-ency Care	Maternal/ Newborn	Psychiatric/ Mental Health	Paediatrics	Geriatrics/ Geront-ology	Occupa-tional Health	Several Clinical Areas	Community Health	Home Care	Other Patient Care	Subtotal
Non-Metropolitan - Subtotal	**2,192**	**880**	**473**	**70**	**421**	**735**	**380**	**321**	**1,336**	**55**	**1,010**	**378**	**250**	**397**	**8,898**
1 Alberni-Clayoquot	48	12	11	0	8	13	10	0	18	0	22	12	4	6	164
2 Bulkley-Nechako	31	12	8	0	10	7	2	3	16	0	57	15	5	2	168
4 Cariboo	55	26	20	0	16	35	3	11	34	2	37	18	9	12	278
5 Central Coast	3	0	0	0	0	0	0	0	0	0	17	2	0	2	24
6 Central Fraser Valley	138	47	28	1	39	47	30	21	101	1	18	20	5	28	524
7 Central Kootenay	86	25	13	0	17	30	10	5	80	1	50	19	10	11	357
8 Central Okanagan	243	84	37	10	31	65	32	35	158	8	43	30	23	58	857
9 Columbia-Shuswap	45	10	9	2	13	3	4	0	39	2	62	9	2	5	205
10 Comox-Strathcona	123	47	33	3	23	44	26	20	70	2	29	21	20	26	487
11 Cowichan Valley	85	42	24	2	15	36	13	15	55	4	34	19	12	12	368
12 Dewdney-Alouette	166	75	32	6	39	52	44	20	94	5	28	17	11	31	620
13 East Kootenay	67	13	15	2	9	9	15	1	48	1	82	17	9	4	292
14 Fraser-Cheam	90	37	18	4	18	29	21	15	80	1	27	10	9	10	369
15 Fraser-Fort George	170	73	33	5	28	82	25	47	38	3	39	22	15	31	611
17 Kitimat-Stikine	48	16	15	0	9	30	3	10	11	3	26	16	6	12	205
18 Kootenay Boundary	65	26	16	3	9	21	17	7	49	2	35	9	8	14	281
19 Mount Waddington	6	1	0	0	5	2	0	2	1	0	45	4	0	1	67
20 Nanaimo	131	72	31	6	21	47	29	16	101	2	45	22	21	29	573
21 North Okanagan	127	51	24	0	22	33	25	23	71	2	33	15	16	20	462
22 Okanagan-Similkameen	117	47	24	4	15	28	20	12	91	2	59	12	14	20	465
23 Peace River	49	21	11	0	18	23	4	11	36	1	22	14	13	6	229
24 Powell River	21	8	8	0	12	11	3	9	21	0	16	4	5	2	120
25 Skeena-Queen Charlotte	34	16	7	1	7	19	3	12	9	0	21	8	3	6	146
26 Squamish-Lillooet	13	12	3	0	9	0	2	0	7	1	45	5	3	4	104
27 Stikine	1	0	0	0	1	0	0	0	0	0	7	1	0	1	11
28 Sunshine Coast	24	12	5	1	4	6	1	0	30	1	23	6	4	3	120
29 Thompson-Nicola	199	95	47	20	22	63	38	26	78	11	77	30	23	41	770
30 Fort Nelson/Liard	7	0	1	0	1	0	0	0	0	0	11	1	0	0	21
Metropolitan - Subtotal	**4,271**	**1,997**	**701**	**139**	**525**	**1,162**	**786**	**714**	**2,066**	**143**	**528**	**444**	**261**	**746**	**14,483**
3 Capital	829	355	145	18	85	164	176	98	576	20	103	100	66	163	2,898
16 Greater Vancouver	3,442	1,642	556	121	440	998	610	616	1,490	123	425	344	195	583	11,585
TOTAL	**6,463**	**2,877**	**1,174**	**209**	**946**	**1,897**	**1,166**	**1,035**	**3,402**	**198**	**1,538**	**822**	**511**	**1,143**	**23,381**

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Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5a (continued)

Practising Registered Nurses Employed in Nursing in British Columbia by Regional Hospital District by Primary Area of Responsibility June 1992

Regional Hospital District	Administration				Education					Research[1]	Unknown	Total
	Nursing Education Admin-istration	Nursing Services Admin-istration	Other Admin-istration	Subtotal	Teaching Students	Teaching Employees	Teaching Patients/ Clients	Other Education	Subtotal			
Non-Metropolitan - Subtotal	106	253	154	513	197	49	90	16	352	3	124	9,890
1 Alberni-Clayoquot	0	4	1	5	4	0	1	0	5	0	7	181
2 Bulkley-Nechako	2	5	4	11	2	0	3	3	8	0	2	189
4 Cariboo	3	4	6	13	9	0	1	0	10	0	3	304
5 Central Coast	1	0	0	1	0	0	0	0	0	0	1	26
6 Central Fraser Valley	8	13	10	31	7	2	5	1	15	0	4	574
7 Central Kootenay	5	8	7	20	11	1	4	1	17	0	1	395
8 Central Okanagan	12	22	18	52	24	4	10	0	38	0	11	958
9 Columbia-Shuswap	1	8	4	13	3	1	1	1	6	0	3	227
10 Comox-Strathcona	4	20	9	33	7	4	3	0	14	0	8	542
11 Cowichan Valley	7	9	7	23	6	1	1	2	10	0	5	406
12 Dewdney-Alouette	7	18	7	32	10	6	2	1	19	0	8	679
13 East Kootenay	5	7	3	15	5	1	3	0	9	0	5	321
14 Fraser-Cheam	3	11	7	21	6	0	3	0	9	1	7	407
15 Fraser-Fort George	5	15	8	28	25	8	11	1	45	1	8	693
17 Kitimat-Stikine	2	9	6	17	5	1	0	0	6	0	3	231
18 Kootenay Boundary	4	4	0	8	4	1	4	0	9	0	2	300
19 Mount Waddington	2	3	1	6	0	0	1	0	1	0	1	75
20 Nanaimo	9	20	11	40	18	1	8	1	28	1	6	648
21 North Okanagan	2	8	9	19	3	0	9	2	14	0	6	501
22 Okanagan-Similkameen	4	18	5	27	3	4	4	1	12	0	3	507
23 Peace River	4	10	5	19	6	3	6	0	15	0	5	268
24 Powell River	0	6	2	8	1	1	1	0	3	0	2	133
25 Skeena-Queen Charlotte	0	4	2	6	0	0	3	0	3	0	5	160
26 Squamish-Lillooet	1	3	3	7	0	1	1	0	2	0	4	117
27 Stikine	0	0	1	1	0	0	0	1	1	0	0	13
28 Sunshine Coast	6	5	1	12	1	2	1	0	4	0	4	140
29 Thompson-Nicola	9	19	17	45	37	7	3	1	48	0	9	872
30 Fort Nelson/Liard	0	0	0	0	0	0	1	0	1	0	1	23
Metropolitan - Subtotal	185	362	277	824	384	160	143	70	757	91	203	16,358
3 Capital	33	84	69	186	65	38	32	16	151	10	42	3,287
16 Greater Vancouver	152	278	208	638	319	122	111	54	606	81	161	13,071
TOTAL	291	615	431	1,337	581	209	233	86	1,109	94	327	26,248

[1] Includes 24 Registered Nurses in nursing research only and 70 in other research.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5b

Practising Registered Nurses Employed in Nursing in British Columbia

per 10,000 Population by Regional Hospital District by Primary Area of Responsibility

June 1992

Regional Hospital District	Direct Patient Care														
	Medical/ Surgical	Critical Care	Operating Room	Ambul-atory Care	Emerg-ency Care	Maternal/ Newborn	Psychiatric/ Mental Health	Paediatrics	Geriatrics/ Geront-ology	Occupa-tional Health	Several Clinical Areas	Community Health	Home Care	Other Patient Care	Subtotal
Non-Metropolitan - Subtotal	**15.28**	**6.14**	**3.30**	**0.49**	**2.94**	**5.12**	**2.65**	**2.24**	**9.31**	**0.38**	**7.04**	**2.64**	**1.74**	**2.77**	**62.04**
1 Alberni-Clayoquot	16.08	4.02	3.68	0.00	2.68	4.35	3.35	0.00	6.03	0.00	7.37	4.02	1.34	2.01	54.93
2 Bulkley-Nechako	8.20	3.18	2.12	0.00	2.65	1.85	0.53	0.79	4.23	0.00	15.09	3.97	1.32	0.53	44.46
4 Cariboo	9.34	4.42	3.40	0.00	2.72	5.94	0.51	1.87	5.77	0.34	6.28	3.06	1.53	2.04	47.21
5 Central Coast	9.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.87	6.34	0.00	6.34	76.05
6 Central Fraser Valley	15.52	5.29	3.15	0.11	4.39	5.29	3.37	2.36	11.36	0.11	2.02	2.25	0.56	3.15	58.95
7 Central Kootenay	16.52	4.80	2.50	0.00	3.27	5.76	1.92	0.96	15.37	0.19	9.60	3.65	1.92	2.11	68.57
8 Central Okanagan	21.15	7.31	3.22	0.87	2.70	5.66	2.79	3.05	13.75	0.70	3.74	2.61	2.00	5.05	74.60
9 Columbia-Shuswap	10.74	2.39	2.15	0.48	3.10	0.72	0.96	0.00	9.31	0.48	14.80	2.15	0.48	1.19	48.94
10 Comox-Strathcona	14.68	5.61	3.94	0.36	2.74	5.25	3.10	2.39	8.35	0.24	3.46	2.51	2.39	3.10	58.11
11 Cowichan Valley	13.87	6.85	3.92	0.33	2.45	5.88	2.12	2.45	8.98	0.65	5.55	3.10	1.96	1.96	60.06
12 Dewdney-Alouette	17.92	8.10	3.45	0.65	4.21	5.61	4.75	2.16	10.15	0.54	3.02	1.84	1.19	3.35	66.94
13 East Kootenay	13.99	2.72	3.13	0.42	1.88	1.88	3.13	0.21	10.02	0.21	17.13	3.55	1.88	0.84	60.98
14 Fraser-Cheam	12.64	5.20	2.53	0.56	2.53	4.07	2.95	2.11	11.24	0.14	3.79	1.40	1.26	1.40	51.83
15 Fraser-Fort George	19.57	8.40	3.80	0.58	3.22	9.44	2.88	5.41	4.38	0.35	4.49	2.53	1.73	3.57	70.35
17 Kitimat-Stikine	12.02	4.01	3.76	0.00	2.25	7.51	0.75	2.50	2.75	0.75	6.51	4.01	1.50	3.01	51.34
18 Kootenay Boundary	20.65	8.26	5.08	0.95	2.86	6.67	5.40	2.22	15.57	0.64	11.12	2.86	2.54	4.45	89.29
19 Mount Waddington	4.45	0.74	0.00	0.00	3.71	1.48	0.00	1.48	0.74	0.00	33.36	2.96	0.00	0.74	49.66
20 Nanaimo	12.94	7.11	3.06	0.59	2.07	4.64	2.86	1.58	9.98	0.20	4.44	2.17	2.07	2.86	56.59
21 North Okanagan	20.62	8.28	3.90	0.00	3.57	5.36	4.06	3.73	11.53	0.32	5.36	2.44	2.60	3.25	75.00
22 Okanagan-Similkameen	16.96	6.81	3.48	0.58	2.17	4.06	2.90	1.74	13.19	0.29	8.55	1.74	2.03	2.90	67.42
23 Peace River	9.31	3.99	2.09	0.00	3.42	4.37	0.76	2.09	6.84	0.19	4.18	2.66	2.47	1.14	43.50
24 Powell River	11.08	4.22	4.22	0.00	6.33	5.80	1.58	4.75	11.08	0.00	8.44	2.11	2.64	1.05	63.29
25 Skeena-Queen Charlotte	14.49	6.82	2.98	0.43	2.98	8.10	1.28	5.11	3.84	0.00	8.95	3.41	1.28	2.56	62.21
26 Squamish-Lillooet	5.79	5.35	1.34	0.00	4.01	0.00	0.89	0.00	3.12	0.45	20.06	2.23	1.34	1.78	46.35
27 Stikine	6.24	0.00	0.00	0.00	6.24	0.00	0.00	0.00	0.00	0.00	43.70	6.24	0.00	6.24	68.66
28 Sunshine Coast	11.79	5.90	2.46	0.49	1.97	2.95	0.49	0.00	14.74	0.49	11.30	2.95	1.97	1.47	58.97
29 Thompson-Nicola	19.55	9.33	4.62	1.97	2.16	6.19	3.73	2.55	7.66	1.08	7.57	2.95	2.26	4.03	75.66
30 Fort Nelson/Liard	13.23	0.00	1.89	0.00	1.89	0.00	0.00	0.00	0.00	0.00	20.78	1.89	0.00	0.00	39.68
Metropolitan - Subtotal	**22.98**	**10.75**	**3.77**	**0.75**	**2.82**	**6.25**	**4.23**	**3.84**	**11.12**	**0.77**	**2.84**	**2.39**	**1.40**	**4.01**	**77.93**
3 Capital	27.22	11.66	4.76	0.59	2.79	5.39	5.78	3.22	18.91	0.66	3.38	3.28	2.17	5.35	95.16
16 Greater Vancouver	22.15	10.57	3.58	0.78	2.83	6.42	3.93	3.96	9.59	0.79	2.74	2.21	1.25	3.75	74.55
TOTAL	**19.63**	**8.74**	**3.57**	**0.63**	**2.87**	**5.76**	**3.54**	**3.14**	**10.33**	**0.60**	**4.67**	**2.50**	**1.55**	**3.47**	**71.01**

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Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5b (continued)

Practising Registered Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Primary Area of Responsibility

June 1992

	Administration				Education							
Regional Hospital District	Nursing Education Admin-istration	Nursing Services Admin-istration	Other Admin-istration	Subtotal	Teaching Students	Teaching Employees	Teaching Patients/ Clients	Other Education	Subtotal	Research[1]	Unknown	Total
Non-Metropolitan - Subtotal	**0.74**	**1.76**	**1.07**	**3.58**	**1.37**	**0.34**	**0.63**	**0.11**	**2.45**	**0.02**	**0.86**	**68.95**
1 Alberni-Clayoquot	0.00	1.34	0.33	1.67	1.34	0.00	0.33	0.00	1.67	0.00	2.34	60.63
2 Bulkley-Nechako	0.53	1.32	1.06	2.91	0.53	0.00	0.79	0.79	2.12	0.00	0.53	50.02
4 Cariboo	0.51	0.68	1.02	2.21	1.53	0.00	0.17	0.00	1.70	0.00	0.51	51.62
5 Central Coast	3.17	0.00	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	3.17	82.38
6 Central Fraser Valley	0.90	1.46	1.12	3.49	0.79	0.22	0.56	0.11	1.69	0.00	0.45	64.57
7 Central Kootenay	0.96	1.54	1.34	3.84	2.11	0.19	0.77	0.19	3.27	0.00	0.19	75.87
8 Central Okanagan	1.04	1.92	1.57	4.53	2.09	0.35	0.87	0.00	3.31	0.00	0.96	83.39
9 Columbia-Shuswap	0.24	1.91	0.96	3.10	0.72	0.24	0.24	0.24	1.43	0.00	0.72	54.20
10 Comox-Strathcona	0.48	2.39	1.07	3.94	0.84	0.48	0.36	0.00	1.67	0.00	0.95	64.67
11 Cowichan Valley	1.14	1.47	1.14	3.75	0.98	0.16	0.16	0.33	1.63	0.00	0.82	66.26
12 Dewdney-Alouette	0.76	1.94	0.76	3.45	1.08	0.65	0.22	0.11	2.05	0.00	0.86	73.31
13 East Kootenay	1.04	1.46	0.63	3.13	1.04	0.21	0.63	0.00	1.88	0.00	1.04	67.04
14 Fraser-Cheam	0.42	1.54	0.98	2.95	0.84	0.00	0.42	0.00	1.26	0.14	0.98	57.16
15 Fraser-Fort George	0.58	1.73	0.92	3.22	2.88	0.92	1.27	0.12	5.18	0.12	0.92	79.79
17 Kitimat-Stikine	0.50	2.25	1.50	4.26	1.25	0.25	0.00	0.00	1.50	0.00	0.75	57.85
18 Kootenay Boundary	1.27	1.27	0.00	2.54	1.27	0.32	1.27	0.00	2.86	0.00	0.64	95.32
19 Mount Waddington	1.48	2.22	0.74	4.45	0.00	0.00	0.74	0.00	0.74	0.00	0.74	55.59
20 Nanaimo	0.89	1.98	1.09	3.95	1.78	0.10	0.79	0.10	2.77	0.10	0.59	64.00
21 North Okanagan	0.32	1.30	1.46	3.08	0.49	0.00	1.46	0.32	2.27	0.00	0.97	81.34
22 Okanagan-Similkameen	0.58	2.61	0.72	3.91	0.43	0.58	0.58	0.14	1.74	0.00	0.43	73.51
23 Peace River	0.76	1.90	0.95	3.61	1.14	0.57	1.14	0.00	2.85	0.00	0.95	50.91
24 Powell River	0.00	3.16	1.05	4.22	0.53	0.53	0.53	0.00	1.58	0.00	1.05	70.14
25 Skeena-Queen Charlotte	0.00	1.70	0.85	2.56	0.00	0.00	1.28	0.00	1.28	0.00	2.13	68.18
26 Squamish-Lillooet	0.45	1.34	1.34	3.12	0.00	0.45	0.45	0.00	0.89	0.00	1.78	52.15
27 Stikine	0.00	0.00	6.24	6.24	0.00	0.00	0.00	6.24	6.24	0.00	0.00	81.15
28 Sunshine Coast	2.95	2.46	0.49	5.90	0.49	0.98	0.49	0.00	1.97	0.00	1.97	68.80
29 Thompson-Nicola	0.88	1.87	1.67	4.42	3.64	0.69	0.29	0.10	4.72	0.00	0.88	85.68
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00	1.89	0.00	1.89	0.00	1.89	43.45
Metropolitan - Subtotal	**1.00**	**1.95**	**1.49**	**4.43**	**2.07**	**0.86**	**0.77**	**0.38**	**4.07**	**0.49**	**1.09**	**88.02**
3 Capital	1.08	2.76	2.27	6.11	2.13	1.25	1.05	0.53	4.96	0.33	1.38	107.93
16 Greater Vancouver	0.98	1.79	1.34	4.11	2.05	0.79	0.71	0.35	3.90	0.52	1.04	84.12
TOTAL	**0.88**	**1.87**	**1.31**	**4.06**	**1.76**	**0.63**	**0.71**	**0.26**	**3.37**	**0.29**	**0.99**	**79.71**

[1] Includes 24 Registered Nurses in nursing research only and 70 in other research.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 6a

Practising Registered Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Position

June 1992

Regional Hospital District	Chief Nursing Officer/ Director	Assistant/ Associate Director	Supervisor/ Coordinator	Clinical Nurse Specialist/ Clinician	Head Nurse/ Assistant Head Nurse	Staff Nurse/ Home Care/ Community Health Nurse	Office/Occu-pational/ Industrial Nurse	Instructor/ Professor	Consultant/ Counsellor	Researcher	Other	Unknown	Total
Non-Metropolitan - Subtotal	**209**	**42**	**378**	**74**	**495**	**6,626**	**86**	**220**	**82**	**1**	**1,463**	**214**	**9,890**
1 Alberni-Clayoquot	3	0	9	1	9	116	2	4	0	0	32	5	181
2 Bulkley-Nechako	6	2	6	2	13	117	2	2	4	0	31	4	189
4 Cariboo	5	0	14	1	15	205	4	10	0	0	40	10	304
5 Central Coast	1	0	0	2	3	13	0	0	0	0	7	0	26
6 Central Fraser Valley	16	4	16	5	24	396	2	8	5	0	90	8	574
7 Central Kootenay	11	0	13	2	32	258	2	13	8	0	45	11	395
8 Central Okanagan	21	6	36	9	56	612	13	26	6	0	155	18	958
9 Columbia-Shuswap	5	0	14	5	19	144	0	3	4	0	26	7	227
10 Comox-Strathcona	8	2	25	3	24	349	5	8	8	0	100	10	542
11 Cowichan Valley	10	1	14	3	22	271	9	8	6	0	54	8	406
12 Dewdney-Alouette	13	0	27	5	29	461	3	13	0	0	115	13	679
13 East Kootenay	8	1	11	2	25	213	4	4	3	0	40	10	321
14 Fraser-Cheam	11	5	11	2	18	291	1	6	1	0	50	11	407
15 Fraser-Fort George	6	3	17	10	24	493	7	28	7	0	89	9	693
17 Kitimat-Stikine	6	2	18	2	15	143	3	5	2	0	32	3	231
18 Kootenay Boundary	7	0	14	0	20	196	5	4	1	0	47	6	300
19 Mount Waddington	3	0	2	0	1	48	1	1	1	0	16	2	75
20 Nanaimo	14	6	23	4	21	425	7	19	4	1	101	23	648
21 North Okanagan	8	2	6	4	23	367	3	5	4	0	68	11	501
22 Okanagan-Similkameen	12	1	19	3	18	357	1	5	7	0	72	12	507
23 Peace River	7	3	26	0	14	173	1	6	1	0	34	3	268
24 Powell River	2	1	10	0	7	85	1	2	1	0	22	2	133
25 Skeena-Queen Charlotte	4	1	6	0	7	105	1	0	2	0	30	4	160
26 Squamish-Lillooet	4	0	9	0	6	69	1	1	0	0	24	3	117
27 Stikine	1	0	0	0	0	7	1	0	0	0	3	1	13
28 Sunshine Coast	5	0	8	1	4	86	0	1	1	0	30	4	140
29 Thompson-Nicola	12	2	24	8	45	605	7	38	6	0	109	16	872
30 Fort Nelson/Liard	0	0	0	0	1	21	0	0	0	0	1	0	23
Metropolitan - Subtotal	**291**	**71**	**374**	**254**	**883**	**10,572**	**119**	**527**	**227**	**43**	**2,684**	**313**	**16,358**
3 Capital	63	11	97	35	220	2,111	26	90	51	6	525	52	3,287
16 Greater Vancouver	228	60	277	219	663	8,461	93	437	176	37	2,159	261	13,071
TOTAL	**500**	**113**	**752**	**328**	**1,378**	**17,198**	**205**	**747**	**309**	**44**	**4,147**	**527**	**26,248**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 6b

Practising Registered Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Position June 1992

Regional Hospital District	Chief Nursing Officer/ Director	Assistant/ Associate Director	Supervisor/ Coordinator	Clinical Nurse Specialist/ Clinician	Head Nurse/ Assistant Head Nurse	Staff Nurse/ Home Care/ Community Health Nurse	Office/Occu-pational/ Industrial Nurse	Instructor/ Professor	Consultant/ Counsellor	Researcher	Other	Unknown	Total
Non-Metropolitan - Subtotal	**1.46**	**0.29**	**2.64**	**0.52**	**3.45**	**46.20**	**0.60**	**1.53**	**0.57**	**0.01**	**10.20**	**1.49**	**68.95**
1 Alberni-Clayoquot	1.00	0.00	3.01	0.33	3.01	38.85	0.67	1.34	0.00	0.00	10.72	1.67	60.63
2 Bulkley-Nechako	1.59	0.53	1.59	0.53	3.44	30.97	0.53	0.53	1.06	0.00	8.20	1.06	50.02
4 Cariboo	0.85	0.00	2.38	0.17	2.55	34.81	0.68	1.70	0.00	0.00	6.79	1.70	51.62
5 Central Coast	3.17	0.00	0.00	6.34	9.51	41.19	0.00	0.00	0.00	0.00	22.18	0.00	82.38
6 Central Fraser Valley	1.80	0.45	1.80	0.56	2.70	44.55	0.22	0.90	0.56	0.00	10.12	0.90	64.57
7 Central Kootenay	2.11	0.00	2.50	0.38	6.15	49.55	0.38	2.50	1.54	0.00	8.64	2.11	75.87
8 Central Okanagan	1.83	0.52	3.13	0.78	4.87	53.27	1.13	2.26	0.52	0.00	13.49	1.57	83.39
9 Columbia-Shuswap	1.19	0.00	3.34	1.19	4.54	34.38	0.00	0.72	0.96	0.00	6.21	1.67	54.20
10 Comox-Strathcona	0.95	0.24	2.98	0.36	2.86	41.64	0.60	0.95	0.95	0.00	11.93	1.19	64.67
11 Cowichan Valley	1.63	0.16	2.28	0.49	3.59	44.23	1.47	1.31	0.98	0.00	8.81	1.31	66.26
12 Dewdney-Alouette	1.40	0.00	2.91	0.54	3.13	49.77	0.32	1.40	0.00	0.00	12.42	1.40	73.31
13 East Kootenay	1.67	0.21	2.30	0.42	5.22	44.48	0.84	0.84	0.63	0.00	8.35	2.09	67.04
14 Fraser-Cheam	1.54	0.70	1.54	0.28	2.53	40.87	0.14	0.84	0.14	0.00	7.02	1.54	57.16
15 Fraser-Fort George	0.69	0.35	1.96	1.15	2.76	56.76	0.81	3.22	0.81	0.00	10.25	1.04	79.79
17 Kitimat-Stikine	1.50	0.50	4.51	0.50	3.76	35.81	0.75	1.25	0.50	0.00	8.01	0.75	57.85
18 Kootenay Boundary	2.22	0.00	4.45	0.00	6.35	62.28	1.59	1.27	0.32	0.00	14.93	1.91	95.32
19 Mount Waddington	2.22	0.00	1.48	0.00	0.74	35.58	0.74	0.74	0.74	0.00	11.86	1.48	55.59
20 Nanaimo	1.38	0.59	2.27	0.40	2.07	41.97	0.69	1.88	0.40	0.10	9.98	2.27	64.00
21 North Okanagan	1.30	0.32	0.97	0.65	3.73	59.58	0.49	0.81	0.65	0.00	11.04	1.79	81.34
22 Okanagan-Similkameen	1.74	0.14	2.75	0.43	2.61	51.76	0.14	0.72	1.01	0.00	10.44	1.74	73.51
23 Peace River	1.33	0.57	4.94	0.00	2.66	32.86	0.19	1.14	0.19	0.00	6.46	0.57	50.91
24 Powell River	1.05	0.53	5.27	0.00	3.69	44.83	0.53	1.05	0.53	0.00	11.60	1.05	70.14
25 Skeena-Queen Charlotte	1.70	0.43	2.56	0.00	2.98	44.74	0.43	0.00	0.85	0.00	12.78	1.70	68.18
26 Squamish-Lillooet	1.78	0.00	4.01	0.00	2.67	30.75	0.45	0.45	0.00	0.00	10.70	1.34	52.15
27 Stikine	6.24	0.00	0.00	0.00	0.00	43.70	6.24	0.00	0.00	0.00	18.73	6.24	81.15
28 Sunshine Coast	2.46	0.00	3.93	0.49	1.97	42.26	0.00	0.49	0.49	0.00	14.74	1.97	68.80
29 Thompson-Nicola	1.18	0.20	2.36	0.79	4.42	59.45	0.69	3.73	0.59	0.00	10.71	1.57	85.68
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	1.89	39.68	0.00	0.00	0.00	0.00	1.89	0.00	43.45
Metropolitan - Subtotal	**1.57**	**0.38**	**2.01**	**1.37**	**4.75**	**56.89**	**0.64**	**2.84**	**1.22**	**0.23**	**14.44**	**1.68**	**88.02**
3 Capital	2.07	0.36	3.19	1.15	7.22	69.32	0.85	2.96	1.67	0.20	17.24	1.71	107.93
16 Greater Vancouver	1.47	0.39	1.78	1.41	4.27	54.45	0.60	2.81	1.13	0.24	13.89	1.68	84.12
TOTAL	**1.52**	**0.34**	**2.28**	**1.00**	**4.18**	**52.23**	**0.62**	**2.27**	**0.94**	**0.13**	**12.59**	**1.60**	**79.71**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 7

Analysis of Change in the Number of Practising Registered Nurses in British Columbia

by Regional Hospital District

June 1991 to June 1992

Regional Hospital District	June 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	June 1992
Non-Metropolitan - Subtotal	**9,988**	**252**	**214**	**45**	**511**	**316**	**676**	**131**	**10,270**
1 Alberni-Clayoquot	180	4	1	1	6	5	8	6	189
2 Bulkley-Nechako	197	7	3	2	12	5	12	-6	196
4 Cariboo	315	9	2	0	11	5	18	-2	311
5 Central Coast	29	1	1	0	2	0	0	-3	28
6 Central Fraser Valley	596	16	15	5	36	16	52	-2	594
7 Central Kootenay	415	11	5	5	21	19	31	-2	422
8 Central Okanagan	980	24	44	3	71	35	72	-3	1,011
9 Columbia-Shuswap	220	5	8	1	14	11	15	9	239
10 Comox-Strathcona	549	7	10	2	19	27	48	22	569
11 Cowichan Valley	406	12	8	3	23	13	22	12	432
12 Dewdney-Alouette	635	19	8	6	33	20	31	34	691
13 East Kootenay	336	3	6	0	9	12	26	4	335
14 Fraser-Cheam	387	10	12	1	23	11	21	18	418
15 Fraser-Fort George	701	32	9	2	43	18	49	-3	710
17 Kitimat-Stikine	235	7	7	2	16	6	15	-2	240
18 Kootenay Boundary	302	5	3	2	10	4	19	11	308
19 Mount Waddington	73	1	2	0	3	3	1	2	80
20 Nanaimo	674	7	11	2	20	31	64	15	676
21 North Okanagan	502	16	9	1	26	14	33	7	516
22 Okanagan-Similkameen	514	7	8	1	16	11	25	6	522
23 Peace River	265	9	17	2	28	8	21	2	282
24 Powell River	141	1	2	0	3	4	11	-2	135
25 Skeena-Queen Charlotte	165	2	8	1	11	10	10	-10	166
26 Squamish-Lillooet	116	5	0	0	5	3	7	4	121
27 Stikine	13	0	0	0	0	0	1	1	13
28 Sunshine Coast	135	4	2	0	6	7	12	8	144
29 Thompson-Nicola	882	27	11	2	40	18	49	6	897
30 Fort Nelson/Liard	25	1	2	1	4	0	3	-1	25
Metropolitan - Subtotal	**16,838**	**451**	**297**	**192**	**940**	**508**	**1,211**	**-131**	**16,944**
3 Capital	3,328	98	75	10	183	118	222	5	3,412
16 Greater Vancouver	13,510	353	222	182	757	390	989	-136	13,532
TOTAL	**26,826**	**703**	**511**	**237**	**1,451**	**824**	**1,887**	**0**	**27,214**

[1] Registered Nurses who reported B.C. addresses and were practising registrants in June 1992 and whose date of initial registration was after June 1991.

[2] Registered Nurses who reported B.C. addresses and were practising registrants in June 1992 but not in June 1991 and who were registered for the first time before June 1991.

[3] Registered Nurses who reported B.C. addresses and were practising registrants in June 1991 but not in June 1992.

Prepared by:
Health Human Resources Unit
The University of British Columbia

LICENSED GRADUATE NURSES

Definition: A Licensed Graduate Nurse

(a) had been employed in British Columbia, in a capacity substantially equivalent to a registered nurse, at any time during the two years prior to September 30, 1988;

(b) had graduated from a school of nursing that has standards substantially equivalent to those of any approved school of nursing, and;

(c) had never been, and did not at the time of application to the RNABC qualify as, a registered nurse.[2]

Governing Statute: Nurses (Registered) Act, Revised Statutes of British Columbia, 1979, Chapter 302; Nursing Statutes Amendment Act, 1988, Chapter 51, Sections 4-38; Health Statutes Amendment Act, 1990, Chapter 51, Sections 30-32; administered by the Ministry of Health.

Governing Body: Registered Nurses Association of British Columbia (RNABC). In order to practise as a Licensed Graduate Nurse in British Columbia, it is necessary to be registered by the RNABC. Applications for membership in the RNABC as a Licensed Graduated Nurse were not possible after September 30, 1990. Members of the RNABC who are licensed graduate nurses have exclusive use of the titles: *Licensed Graduate Nurse* or *LGN*.

Date of Record: June 1992.

Source of Data: Registered Nurses Association of British Columbia (RNABC).

Preparation and Updating:

The tables are derived from the register of the RNABC and include only Licensed Graduate Nurses (LGNs) who were British Columbia residents at the date of record. LGNs were included for the first time in *ROLLCALL 91* subsequent to the creation of this category and corresponding licensing requirements under the Nurses (Registered) Act, Revised Statutes of British Columbia, 1979, Chapter 302, as revised by the Nursing Statutes Amendment Act, 1988, Chapter 51.

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[2] Adapted from the Nursing Statutes Amendment Act, 1988, Chapter 51, Section 13.1.

Definition of Terms:

1. Membership Status

A Licensed Graduate Nurse may hold a practising or non-practising membership in the RNABC. A practising Licensed Graduate Nurse may or may not be employed in nursing. A non-practising Licensed Graduate Nurse who commences employment in nursing in British Columbia must convert to practising membership. Tables 1a and 1b report the number and number per 10,000 population of practising and non-practising LGNs in British Columbia; Table 1c reports the annual rates of change in these figures.

2. Age and Sex

Age information on practising and non-practising Licensed Graduate Nurses, derived from the RNABC registration database, is shown in Table 2. In 1992, there were 456 female and 10 male LGNs. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Employment Status

Table 3 reports the employment status of non-practising and practising Licensed Graduate Nurses in British Columbia as indicated on the RNABC's annual registration renewal form. The categories used in the table are:

(a) Employed in Nursing

- Full-Time
- Part-Time
- Seasonal/Casual
- Employed in Nursing - status unknown

(b) Employed in Other Field
(c) Not Employed
(d) Unknown - employment status not reported

Table 1a

Licensed Graduate Nurses in British Columbia
by Regional Hospital District by Registration Status
June 1991 and June 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**75**	**74**	**3**	**3**	**78**	**77**
1 Alberni-Clayoquot	5	4	0	0	5	4
2 Bulkley-Nechako	1	1	0	0	1	1
4 Cariboo	1	1	0	0	1	1
5 Central Coast	0	0	0	0	0	0
6 Central Fraser Valley	3	2	0	0	3	2
7 Central Kootenay	3	3	1	0	4	3
8 Central Okanagan	4	5	0	0	4	5
9 Columbia-Shuswap	0	0	0	0	0	0
10 Comox-Strathcona	5	6	0	0	5	6
11 Cowichan Valley	0	0	0	0	0	0
12 Dewdney-Alouette	9	9	0	0	9	9
13 East Kootenay	0	0	0	0	0	0
14 Fraser-Cheam	4	5	0	0	4	5
15 Fraser-Fort George	3	3	0	0	3	3
17 Kitimat-Stikine	1	0	0	0	1	0
18 Kootenay Boundary	11	9	0	2	11	11
19 Mount Waddington	2	2	0	0	2	2
20 Nanaimo	7	6	1	0	8	6
21 North Okanagan	0	0	0	0	0	0
22 Okanagan-Similkameen	2	2	0	0	2	2
23 Peace River	1	2	0	0	1	2
24 Powell River	4	4	0	0	4	4
25 Skeena-Queen Charlotte	7	8	0	0	7	8
26 Squamish-Lillooet	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	1	1	0	0	1	1
29 Thompson-Nicola	0	0	1	1	1	1
30 Fort Nelson/Liard	1	1	0	0	1	1
Metropolitan - Subtotal	**393**	**372**	**12**	**17**	**405**	**389**
3 Capital	27	27	3	3	30	30
16 Greater Vancouver	366	345	9	14	375	359
TOTAL	**468**	**446**	**15**	**20**	**483**	**466**

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Table 1b

Licensed Graduate Nurses in British Columbia

per 10,000 Population by Regional Hospital District by Registration Status

June 1991[1] and June 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**0.54**	**0.52**	**0.02**	**0.02**	**0.56**	**0.54**
1 Alberni-Clayoquot	1.66	1.34	0.00	0.00	1.66	1.34
2 Bulkley-Nechako	0.27	0.26	0.00	0.00	0.27	0.26
4 Cariboo	0.17	0.17	0.00	0.00	0.17	0.17
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	0.36	0.22	0.00	0.00	0.36	0.22
7 Central Kootenay	0.59	0.58	0.20	0.00	0.78	0.58
8 Central Okanagan	0.37	0.44	0.00	0.00	0.37	0.44
9 Columbia-Shuswap	0.00	0.00	0.00	0.00	0.00	0.00
10 Comox-Strathcona	0.61	0.72	0.00	0.00	0.61	0.72
11 Cowichan Valley	0.00	0.00	0.00	0.00	0.00	0.00
12 Dewdney-Alouette	1.01	0.97	0.00	0.00	1.01	0.97
13 East Kootenay	0.00	0.00	0.00	0.00	0.00	0.00
14 Fraser-Cheam	0.58	0.70	0.00	0.00	0.58	0.70
15 Fraser-Fort George	0.35	0.35	0.00	0.00	0.35	0.35
17 Kitimat-Stikine	0.25	0.00	0.00	0.00	0.25	0.00
18 Kootenay Boundary	3.55	2.86	0.00	0.64	3.55	3.50
19 Mount Waddington	1.47	1.48	0.00	0.00	1.47	1.48
20 Nanaimo	0.72	0.59	0.10	0.00	0.82	0.59
21 North Okanagan	0.00	0.00	0.00	0.00	0.00	0.00
22 Okanagan-Similkameen	0.30	0.29	0.00	0.00	0.30	0.29
23 Peace River	0.19	0.38	0.00	0.00	0.19	0.38
24 Powell River	2.14	2.11	0.00	0.00	2.14	2.11
25 Skeena-Queen Charlotte	3.01	3.41	0.00	0.00	3.01	3.41
26 Squamish-Lillooet	0.00	0.00	0.00	0.00	0.00	0.00
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.50	0.49	0.00	0.00	0.50	0.49
29 Thompson-Nicola	0.00	0.00	0.10	0.10	0.10	0.10
30 Fort Nelson/Liard	1.99	1.89	0.00	0.00	1.99	1.89
Metropolitan - Subtotal	**2.17**	**2.00**	**0.07**	**0.09**	**2.23**	**2.09**
3 Capital	0.91	0.89	0.10	0.10	1.01	0.99
16 Greater Vancouver	2.41	2.22	0.06	0.09	2.47	2.31
TOTAL	**1.46**	**1.35**	**0.05**	**0.06**	**1.50**	**1.42**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change: Licensed Graduate Nurses in British Columbia by Regional Hospital District by Registration Status June 1991 to June 1992

Regional Hospital District	Practising		Non-Practising		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	-1.33	-3.76	*	*	-1.28	-3.71
1 Alberni-Clayoquot	*	*	*	*	*	*
2 Bulkley-Nechako	*	*	*	*	*	*
4 Cariboo	*	*	*	*	*	*
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	*	*	*	*	*	*
7 Central Kootenay	*	*	*	*	*	*
8 Central Okanagan	*	*	*	*	*	*
9 Columbia-Shuswap	*	*	*	*	*	*
10 Comox-Strathcona	*	*	*	*	*	*
11 Cowichan Valley	*	*	*	*	*	*
12 Dewdney-Alouette	*	*	*	*	*	*
13 East Kootenay	*	*	*	*	*	*
14 Fraser-Cheam	*	*	*	*	*	*
15 Fraser-Fort George	*	*	*	*	*	*
17 Kitimat-Stikine	*	*	*	*	*	*
18 Kootenay Boundary	-18.18	-19.36	*	*	0.00	-1.44
19 Mount Waddington	*	*	*	*	*	*
20 Nanaimo	*	*	*	*	*	*
21 North Okanagan	*	*	*	*	*	*
22 Okanagan-Similkameen	*	*	*	*	*	*
23 Peace River	*	*	*	*	*	*
24 Powell River	*	*	*	*	*	*
25 Skeena-Queen Charlotte	*	*	*	*	*	*
26 Squamish-Lillooet	*	*	*	*	*	*
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	*	*	*	*	*	*
29 Thompson-Nicola	*	*	*	*	*	*
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	-5.34	-7.60	41.67	38.29	-3.95	-6.24
3 Capital	0.00	-2.14	*	*	0.00	-2.14
16 Greater Vancouver	-5.74	-8.03	*	*	-4.27	-6.60
TOTAL	-4.70	-7.00	33.33	30.11	-3.52	-5.85

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Licensed Graduate Nurses in British Columbia

by Regional Hospital District by Age[1]

June 1992

Regional Hospital District	< 25	25-34	35-44	45-54	55-64	65 +	Subtotal	Unknown	Total
Non-Metropolitan - Subtotal	0	4	25	32	15	0	76	1	77
1 Alberni-Clayoquot	0	0	0	1	3	0	4	0	4
2 Bulkley-Nechako	0	0	1	0	0	0	1	0	1
4 Cariboo	0	0	0	0	1	0	1	0	1
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	0	0	0	1	1	0	2	0	2
7 Central Kootenay	0	0	0	2	1	0	3	0	3
8 Central Okanagan	0	1	1	3	0	0	5	0	5
9 Columbia-Shuswap	0	0	0	0	0	0	0	0	0
10 Comox-Strathcona	0	0	1	4	1	0	6	0	6
11 Cowichan Valley	0	0	0	0	0	0	0	0	0
12 Dewdney-Alouette	0	0	3	4	2	0	9	0	9
13 East Kootenay	0	0	0	0	0	0	0	0	0
14 Fraser-Cheam	0	0	2	3	0	0	5	0	5
15 Fraser-Fort George	0	0	2	1	0	0	3	0	3
17 Kitimat-Stikine	0	0	0	0	0	0	0	0	0
18 Kootenay Boundary	0	1	4	5	1	0	11	0	11
19 Mount Waddington	0	0	1	0	1	0	2	0	2
20 Nanaimo	0	0	2	3	1	0	6	0	6
21 North Okanagan	0	0	0	0	0	0	0	0	0
22 Okanagan-Similkameen	0	0	1	0	1	0	2	0	2
23 Peace River	0	1	1	0	0	0	2	0	2
24 Powell River	0	0	1	2	1	0	4	0	4
25 Skeena-Queen Charlotte	0	1	5	1	0	0	7	1	8
26 Squamish-Lillooet	0	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	1	0	0	1	0	1
29 Thompson-Nicola	0	0	0	0	1	0	1	0	1
30 Fort Nelson/Liard	0	0	0	1	0	0	1	0	1
Metropolitan - Subtotal	0	58	199	87	38	5	387	2	389
3 Capital	0	2	10	10	7	0	29	1	30
16 Greater Vancouver	0	56	189	77	31	5	358	1	359
TOTAL	0	62	224	119	53	5	463	3	466

[1] At the date of record, RNABC membership included 456 female and 10 male Licensed Graduate Nurses.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3

Practising Licensed Graduate Nurses in British Columbia
by Regional Hospital District by Employment Status
June 1992

Regional Hospital District	Employed in Nursing: Full-Time	Part-Time	Seasonal/ Casual	Unknown	Subtotal	Employed in Other Field	Not Employed	Unknown	Total
Non-Metropolitan - Subtotal	**33**	**19**	**11**	**7**	**70**	**0**	**0**	**4**	**74**
1 Alberni-Clayoquot	0	1	2	0	3	0	0	1	4
2 Bulkley-Nechako	0	0	1	0	1	0	0	0	1
4 Cariboo	0	0	0	1	1	0	0	0	1
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	1	0	1	0	2	0	0	0	2
7 Central Kootenay	1	2	0	0	3	0	0	0	3
8 Central Okanagan	1	1	2	1	5	0	0	0	5
9 Columbia-Shuswap	0	0	0	0	0	0	0	0	0
10 Comox-Strathcona	4	2	0	0	6	0	0	0	6
11 Cowichan Valley	0	0	0	0	0	0	0	0	0
12 Dewdney-Alouette	2	2	0	2	6	0	0	3	9
13 East Kootenay	0	0	0	0	0	0	0	0	0
14 Fraser-Cheam	2	1	1	1	5	0	0	0	5
15 Fraser-Fort George	1	2	0	0	3	0	0	0	3
17 Kitimat-Stikine	0	0	0	0	0	0	0	0	0
18 Kootenay Boundary	5	2	2	0	9	0	0	0	9
19 Mount Waddington	1	1	0	0	2	0	0	0	2
20 Nanaimo	3	3	0	0	6	0	0	0	6
21 North Okanagan	0	0	0	0	0	0	0	0	0
22 Okanagan-Similkameen	2	0	0	0	2	0	0	0	2
23 Peace River	2	0	0	0	2	0	0	0	2
24 Powell River	2	1	1	0	4	0	0	0	4
25 Skeena-Queen Charlotte	5	1	0	2	8	0	0	0	8
26 Squamish-Lillooet	0	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	1	0	0	0	1	0	0	0	1
29 Thompson-Nicola	0	0	0	0	0	0	0	0	0
30 Fort Nelson/Liard	0	0	1	0	1	0	0	0	1
Metropolitan - Subtotal	**209**	**97**	**40**	**20**	**366**	**1**	**2**	**3**	**372**
3 Capital	12	9	3	3	27	0	0	0	27
16 Greater Vancouver	197	88	37	17	339	1	2	3	345
TOTAL	**242**	**116**	**51**	**27**	**436**	**1**	**2**	**7**	**446**

Prepared by:
Health Human Resources Unit
The University of British Columbia

REGISTERED PSYCHIATRIC NURSES

REGISTERED PSYCHIATRIC NURSES

Definition: Registered Psychiatric Nurses

practise in primary, secondary and tertiary care settings and provide service to individuals whose primary care needs relate to mental and developmental health.

The basis of psychiatric nursing is a caring, therapeutic relationship; the core knowledge and skills of psychiatric nursing are developed from the nursing, psycho-social, biological and physical sciences.

Psychiatric nursing practice includes clinical, administrative, educational, consultative and research functions.[1]

Governing Statute: Nurses (Registered Psychiatric) Act, Revised Statutes of British Columbia, 1979, Chapter 301; Nursing Statutes Amendment Act, 1988, Chapter 51, Sections 39-40; Health Statutes Amendment Act, 1990, Chapter 51, Sections 33 - 40; administered by the Ministry of Health.

Governing Body: Registered Psychiatric Nurses Association of British Columbia (RPNABC). Registered members of the RPNABC have exclusive use of the titles *Registered Psychiatric Nurse* and *RPN*.

Date of Record: October 1991 and October 1992.

Source of Data: Registered Psychiatric Nurses Association of British Columbia (RPNABC).

Preparation and Updating:

The tables, derived from the register of the RPNABC, include Registered Psychiatric Nurses who reported a British Columbia address at the date of record. A table on employment status has not been included in this chapter because the RPNABC considers all practising RPNs to be *employed* in nursing.

In 1992, 294 practising and 120 non-practising Registered Psychiatric Nurses in British Columbia reported dual registration with the RPNABC and the Registered Nurses Association of British Columbia (RNABC).

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[1] Adapted from information provided by the Registered Psychiatric Nurses Association of British Columbia.

See also *Canadian Classification and Dictionary of Occupations 1980*,
Major Group 31, No. 3131-138, p.54, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Registration Status

Tables 1a, 1b, and 1c report Registered Psychiatric Nurses in British Columbia by their registration status. A Registered Psychiatric Nurse may hold either a practising or non-practising membership in the RPNABC. A practising Registered Psychiatric Nurse must be employed in nursing. A non-practising Registered Psychiatric Nurse may not actively engage in the practise of psychiatric nursing.

2. Age and Sex

Age and sex information on practising and non-practising Registered Psychiatric Nurses, derived from the RPNABC registration database, is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Place of Employment

Type of facility was reported by registrants on the RPNABC registration renewal form. Tables 3a and 3b show this information for practising Registered Psychiatric Nurses employed in nursing. The categories used are:

(a) Psychiatric Hospital
(b) Mentally Handicapped Hospital/School
(c) Long Term Care/Intermediate Care
(d) Corrections
(e) Forensics
(f) Adolescent/Child Psychiatry
(g) General Hospital Psychiatry
(h) General Hospital Medical
(i) Substance Abuse/Detox
(j) Community Mental Health Team
(k) Boarding Home/Group Home/Specialized Residential Care
(l) Educational Institution
(m) Geriatric Unit - Assessment/Discharge
(n) Community Health
(o) Self Employed
(p) Other

4. Primary Area of Responsibility

Primary area of responsibility of practising Registered Psychiatric Nurses, as indicated on their RPNABC registration renewal form, is reported in Tables 4a and 4b. The categories used are:

(a) Adult Psychiatry - Acute
(b) Adult Psychiatry - Chronic
(c) Child/Adolescent Psychiatry
(d) Mentally Handicapped
(e) Psychogeriatrics
(f) Geriatrics
(g) Corrections
(h) Forensics
(i) Substance Abuse
(j) Rehab./Vocational
(k) Education
(l) Counselling
(m) Administration
(n) General Nursing
(o) Research
(p) Owner/Person in Charge
(q) Other

5. Employment Position

Employment position for practising Registered Psychiatric Nurses employed in nursing, as reported on the RPNABC registration renewal form is shown in Tables 5a and 5b. The categories used are:

(a) General Staff Nurse
(b) Assistant Head Nurse
(c) Community Nurse
(d) Head Nurse/Team Leader
(e) Supervisor/Coordinator
(f) Director/Assistant or Associate Director
(g) Clinical Specialist
(h) Instructor
(i) Inservice/Staff Development
(j) Consultant
(k) Owner
(l) Other

6. Analysis of Change

Table 6 illustrates sources of change which affected the stock of practising Registered Psychiatric Nurses from 1991 to 1992.

New registrants include nurses who were practising members in British Columbia as of October 1992 and who registered with the RPNABC *for the first time* subsequent to October 1991. They are reported in the table according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent registered psychiatric nurses with British Columbia addresses who were not practising members in October 1991, but were practising members in the province in October 1992, and whose date of initial registration was before October 1991. Also included as reactivations are registered psychiatric nurses who reported out-of-province addresses in October 1991, but who reported British Columbia addresses in October 1992.

Attrition describes practising Registered Psychiatric Nurses who were included in the 1991 Registered Psychiatric Nurse stock, but who, because of death, retirement, out-of-province relocation or non-renewal of practising registration, were not included in the 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of Registered Psychiatric Nurses among different Regional Hospital Districts. The net migration total is therefore zero.

Practising Registered Psychiatric Nurses per 10,000 Population by Regional Hospital District October 1992 N=2280

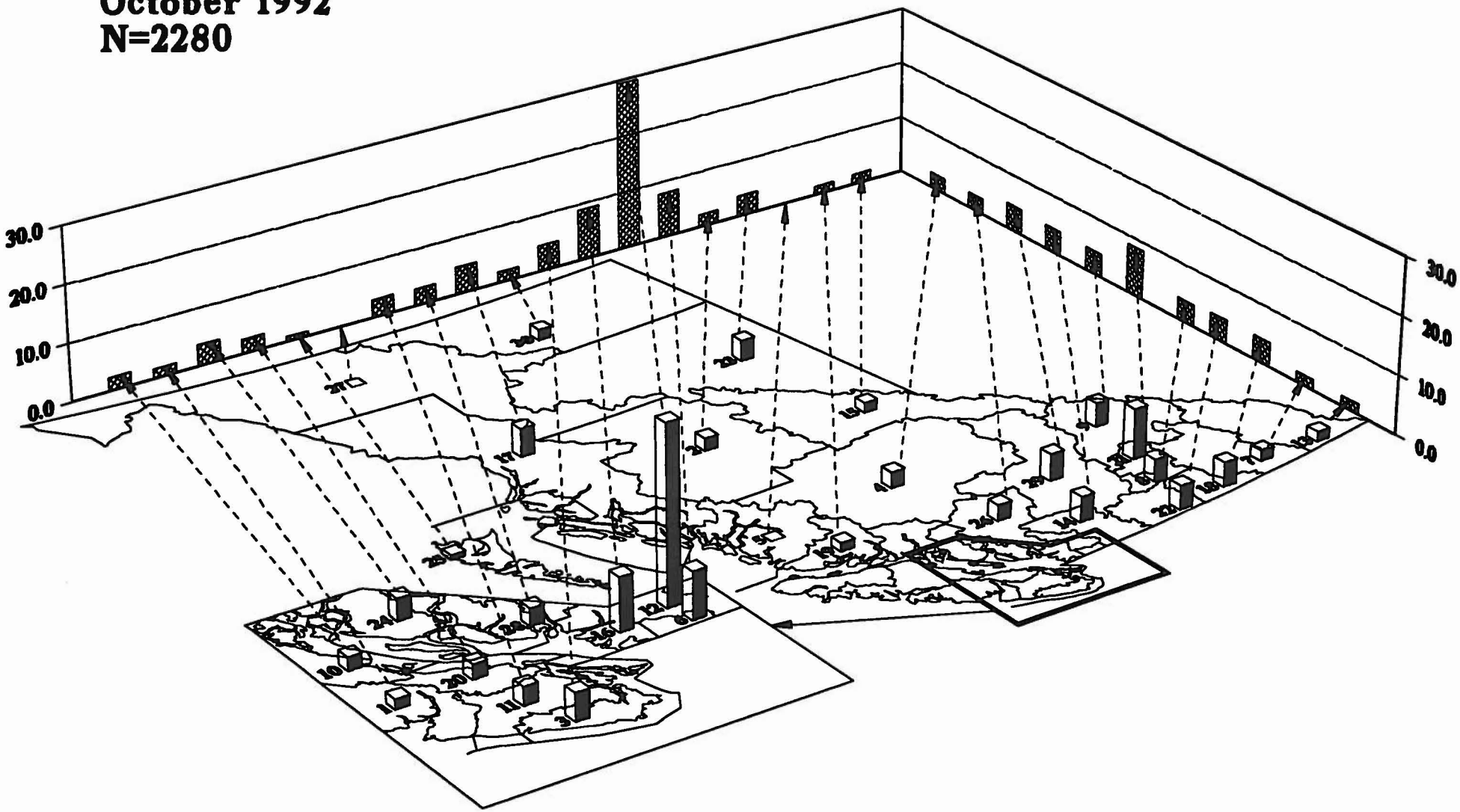

Table 1a

Registered Psychiatric Nurses in British Columbia
by Regional Hospital District by Registration Status
October 1991 and October 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	695	758	155	149	850	907
1 Alberni-Clayoquot	4	5	3	2	7	7
2 Bulkley-Nechako	5	8	3	3	8	11
4 Cariboo	15	16	4	3	19	19
5 Central Coast	0	0	0	0	0	0
6 Central Fraser Valley	64	70	14	11	78	81
7 Central Kootenay	9	9	4	4	13	13
8 Central Okanagan	39	43	12	14	51	57
9 Columbia-Shuswap	12	17	7	4	19	21
10 Comox-Strathcona	14	19	5	5	19	24
11 Cowichan Valley	15	19	8	6	23	25
12 Dewdney-Alouette	261	273	33	40	294	313
13 East Kootenay	6	8	1	1	7	9
14 Fraser-Cheam	26	30	5	4	31	34
15 Fraser-Fort George	17	15	5	6	22	21
17 Kitimat-Stikine	19	19	2	3	21	22
18 Kootenay Boundary	13	13	0	0	13	13
19 Mount Waddington	1	2	0	0	1	2
20 Nanaimo	19	25	9	6	28	31
21 North Okanagan	49	52	6	6	55	58
22 Okanagan-Similkameen	23	28	3	3	26	31
23 Peace River	17	19	4	4	21	23
24 Powell River	7	7	1	1	8	8
25 Skeena-Queen Charlotte	2	2	0	0	2	2
26 Squamish-Lillooet	6	6	0	0	6	6
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	5	6	5	5	10	11
29 Thompson-Nicola	46	46	20	17	66	63
30 Fort Nelson/Liard	1	1	1	1	2	2
Metropolitan - Subtotal	1,528	1,522	229	225	1,757	1,747
3 Capital	150	140	23	29	173	169
16 Greater Vancouver	1,378	1,382	206	196	1,584	1,578
TOTAL	2,223	2,280	384	374	2,607	2,654

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Table 1b

Registered Psychiatric Nurses in British Columbia
per 10,000 Population by Regional Hospital District by Registration Status
October 1991[1] and October 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**4.97**	**5.28**	**1.11**	**1.04**	**6.08**	**6.32**
1 Alberni-Clayoquot	1.32	1.67	0.99	0.67	2.32	2.34
2 Bulkley-Nechako	1.34	2.12	0.80	0.79	2.14	2.91
4 Cariboo	2.57	2.72	0.69	0.51	3.25	3.23
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	7.57	7.87	1.66	1.24	9.23	9.11
7 Central Kootenay	1.76	1.73	0.78	0.77	2.55	2.50
8 Central Okanagan	3.57	3.74	1.10	1.22	4.67	4.96
9 Columbia-Shuswap	2.90	4.06	1.69	0.96	4.60	5.01
10 Comox-Strathcona	1.72	2.27	0.61	0.60	2.33	2.86
11 Cowichan Valley	2.52	3.10	1.35	0.98	3.87	4.08
12 Dewdney-Alouette	29.26	29.47	3.70	4.32	32.96	33.79
13 East Kootenay	1.24	1.67	0.21	0.21	1.45	1.88
14 Fraser-Cheam	3.77	4.21	0.73	0.56	4.50	4.78
15 Fraser-Fort George	1.98	1.73	0.58	0.69	2.56	2.42
17 Kitimat-Stikine	4.81	4.76	0.51	0.75	5.32	5.51
18 Kootenay Boundary	4.19	4.13	0.00	0.00	4.19	4.13
19 Mount Waddington	0.73	1.48	0.00	0.00	0.73	1.48
20 Nanaimo	1.95	2.47	0.92	0.59	2.88	3.06
21 North Okanagan	8.19	8.44	1.00	0.97	9.20	9.42
22 Okanagan-Similkameen	3.46	4.06	0.45	0.43	3.92	4.49
23 Peace River	3.30	3.61	0.78	0.76	4.08	4.37
24 Powell River	3.74	3.69	0.53	0.53	4.28	4.22
25 Skeena-Queen Charlotte	0.86	0.85	0.00	0.00	0.86	0.85
26 Squamish-Lillooet	2.73	2.67	0.00	0.00	2.73	2.67
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	2.49	2.95	2.49	2.46	4.99	5.41
29 Thompson-Nicola	4.58	4.52	1.99	1.67	6.57	6.19
30 Fort Nelson/Liard	1.99	1.89	1.99	1.89	3.98	3.78
Metropolitan - Subtotal	**8.42**	**8.19**	**1.26**	**1.21**	**9.69**	**9.40**
3 Capital	5.03	4.60	0.77	0.95	5.80	5.55
16 Greater Vancouver	9.09	8.89	1.36	1.26	10.45	10.15
TOTAL	**6.92**	**6.92**	**1.20**	**1.14**	**8.11**	**8.06**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.

Prepared by:
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The University of British Columbia

Table 1c

Annual Rate of Change: Registered Psychiatric Nurses in British Columbia by Regional Hospital District by Registration Status October 1991 to October 1992

Regional Hospital District	Practising		Non-Practising		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**9.06**	**6.38**	**-3.87**	**-6.23**	**6.71**	**4.08**
1 Alberni-Clayoquot	*	*	*	*	*	*
2 Bulkley-Nechako	*	*	*	*	*	*
4 Cariboo	6.67	5.76	*	*	0.00	-0.85
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	9.38	3.97	-21.43	-25.31	3.85	-1.28
7 Central Kootenay	*	*	*	*	0.00	-2.05
8 Central Okanagan	10.26	4.80	16.67	10.90	11.76	6.24
9 Columbia-Shuswap	41.67	39.84	*	*	10.53	9.10
10 Comox-Strathcona	35.71	32.10	*	*	26.32	22.95
11 Cowichan Valley	26.67	22.82	*	*	8.70	5.39
12 Dewdney-Alouette	4.60	0.73	21.21	16.73	6.46	2.53
13 East Kootenay	*	*	*	*	*	*
14 Fraser-Cheam	15.38	11.63	*	*	9.68	6.11
15 Fraser-Fort George	-11.76	-12.60	*	*	-4.55	-5.45
17 Kitimat-Stikine	0.00	-1.08	*	*	4.76	3.63
18 Kootenay Boundary	0.00	-1.44	*	*	0.00	-1.44
19 Mount Waddington	*	*	*	*	*	*
20 Nanaimo	31.58	26.52	*	*	10.71	6.46
21 North Okanagan	6.12	3.05	*	*	5.45	2.40
22 Okanagan-Similkameen	21.74	17.21	*	*	19.23	14.80
23 Peace River	11.76	9.31	*	*	9.52	7.12
24 Powell River	*	*	*	*	*	*
25 Skeena-Queen Charlotte	*	*	*	*	*	*
26 Squamish-Lillooet	*	*	*	*	*	*
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	*	*	*	*	10.00	8.41
29 Thompson-Nicola	0.00	-1.30	-15.00	-16.11	-4.55	-5.79
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	**-0.39**	**-2.77**	**-1.75**	**-4.09**	**-0.57**	**-2.94**
3 Capital	-6.67	-8.67	26.09	23.38	-2.31	-4.41
16 Greater Vancouver	0.29	-2.15	-4.85	-7.17	-0.38	-2.80
TOTAL	**2.56**	**0.08**	**-2.60**	**-4.96**	**1.80**	**-0.66**

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Registered Psychiatric Nurses in British Columbia
by Regional Hospital District by Age and Sex
October 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	1	12	16	125	58	247	107	202	46	68	2	5	230	659	18	907
1 Alberni-Clayoquot	0	0	0	2	1	2	0	2	0	0	0	0	1	6	0	7
2 Bulkley-Nechako	0	0	0	2	0	5	0	1	1	1	0	0	1	9	1	11
4 Cariboo	0	0	0	3	1	6	2	3	1	3	0	0	4	15	0	19
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	0	1	1	12	3	14	12	21	6	8	0	0	22	56	3	81
7 Central Kootenay	0	0	0	4	1	2	0	6	0	0	0	0	1	12	0	13
8 Central Okanagan	0	0	1	10	6	13	2	19	1	5	0	0	10	47	0	57
9 Columbia-Shuswap	0	0	1	3	0	6	1	6	2	0	1	0	5	15	1	21
10 Comox-Strathcona	0	1	0	4	1	11	0	3	2	1	0	0	3	20	1	24
11 Cowichan Valley	0	1	0	2	4	13	1	2	0	0	0	0	5	18	2	25
12 Dewdney-Alouette	0	5	6	37	22	83	59	54	19	21	0	2	106	202	5	313
13 East Kootenay	0	0	0	3	1	1	0	4	0	0	0	0	1	8	0	9
14 Fraser-Cheam	1	0	3	3	4	9	1	6	3	2	0	1	12	21	1	34
15 Fraser-Fort George	0	0	0	3	0	9	0	8	0	0	0	0	0	20	1	21
17 Kitimat-Stikine	0	0	0	3	1	8	2	5	2	1	0	0	5	17	0	22
18 Kootenay Boundary	0	0	0	1	0	1	2	7	0	1	0	1	2	11	0	13
19 Mount Waddington	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	2
20 Nanaimo	0	0	0	8	2	9	3	7	0	2	0	0	5	26	0	31
21 North Okanagan	0	0	0	3	1	14	9	16	2	10	1	1	13	44	1	58
22 Okanagan-Similkameen	0	1	0	1	4	11	2	10	0	2	0	0	6	25	0	31
23 Peace River	0	0	2	10	2	3	4	1	0	0	0	0	8	14	1	23
24 Powell River	0	1	1	1	1	3	0	1	0	0	0	0	2	6	0	8
25 Skeena-Queen Charlotte	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	2
26 Squamish-Lillooet	0	0	0	1	0	3	0	1	1	0	0	0	1	5	0	6
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	1	1	1	6	0	0	0	2	0	0	2	9	0	11
29 Thompson-Nicola	0	2	0	7	1	12	7	19	6	8	0	0	14	48	1	63
30 Fort Nelson/Liard	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	2
Metropolitan - Subtotal	6	46	56	340	111	405	182	366	53	119	1	9	409	1,285	53	1,747
3 Capital	0	2	1	21	12	46	19	42	7	14	0	0	39	125	5	169
16 Greater Vancouver	6	44	55	319	99	359	163	324	46	105	1	9	370	1,160	48	1,578
TOTAL	7	58	72	465	169	652	289	568	99	187	3	14	639	1,944	71	2,654

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Table 3a

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Type of Facility

October 1992

Regional Hospital District	Psychiatric Hospital	Mentally Handicapped Hospital/ School	LTC/ Intermediate Care	Corrections	Forensics	Adolescent/ Child Psychiatry[1]	General Hospital Psychiatry	General Hospital Medical	Substance Abuse/ Detox
Non-Metropolitan - Subtotal	**168**	**31**	**116**	**23**	**36**	**12**	**116**	**31**	**15**
1 Alberni-Clayoquot	0	0	0	0	0	0	2	0	0
2 Bulkley-Nechako	0	1	0	0	0	0	1	1	0
4 Cariboo	0	1	6	0	0	0	1	1	0
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	13	4	9	12	4	0	3	4	1
7 Central Kootenay	0	0	4	0	0	0	0	0	0
8 Central Okanagan	1	0	11	0	0	0	18	1	1
9 Columbia-Shuswap	0	0	4	0	0	0	1	3	0
10 Comox-Strathcona	0	0	4	0	0	2	9	1	0
11 Cowichan Valley	2	1	1	0	0	0	6	0	0
12 Dewdney-Alouette	142	10	17	6	30	8	8	4	5
13 East Kootenay	0	0	0	0	0	0	5	1	0
14 Fraser-Cheam	5	0	4	4	1	0	6	2	0
15 Fraser-Fort George	0	0	0	1	1	1	5	2	0
17 Kitimat-Stikine	0	0	6	0	0	0	7	0	0
18 Kootenay Boundary	0	0	5	0	0	0	5	2	0
19 Mount Waddington	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	1	6	0	0	0	8	0	2
21 North Okanagan	2	6	13	0	0	0	3	5	1
22 Okanagan-Similkameen	1	2	7	0	0	0	7	0	0
23 Peace River	2	0	3	0	0	0	8	0	0
24 Powell River	0	0	1	0	0	0	5	0	0
25 Skeena-Queen Charlotte	0	0	0	0	0	0	1	0	0
26 Squamish-Lillooet	0	0	2	0	0	0	0	1	0
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	3	0	0	0	2	1	0
29 Thompson-Nicola	0	5	10	0	0	1	5	2	5
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**443**	**197**	**164**	**13**	**96**	**34**	**157**	**60**	**31**
3 Capital	14	44	30	0	1	2	24	2	4
16 Greater Vancouver	429	153	134	13	95	32	133	58	27
TOTAL	**611**	**228**	**280**	**36**	**132**	**46**	**273**	**91**	**46**

[1] Includes 44 RPNs employed in adolescent psychiatry and 2 in child psychiatry.

... continued

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Table 3a (continued)

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Type of Facility

October 1992

Regional Hospital District	Community Mental Health Team	Boarding/ Group Home/ Specialized Res. Care	Educational Institution	Geriatric Unit- Assessment/ Discharge	Community Health	Self Employed	Other[2]	Unknown	Total
Non-Metropolitan - Subtotal	**54**	**67**	**5**	**13**	**23**	**9**	**9**	**30**	**758**
1 Alberni-Clayoquot	0	0	0	0	1	0	1	1	5
2 Bulkley-Nechako	1	0	0	1	1	1	0	1	8
4 Cariboo	3	3	1	0	0	0	0	0	16
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	2	9	0	2	3	0	0	4	70
7 Central Kootenay	1	1	0	0	1	0	1	1	9
8 Central Okanagan	3	6	0	0	0	0	1	1	43
9 Columbia-Shuswap	1	3	0	0	2	0	1	2	17
10 Comox-Strathcona	2	0	0	0	0	0	1	0	19
11 Cowichan Valley	3	3	0	0	2	0	0	1	19
12 Dewdney-Alouette	11	13	2	4	4	1	1	7	273
13 East Kootenay	1	0	0	1	0	0	0	0	8
14 Fraser-Cheam	1	5	1	0	1	0	0	0	30
15 Fraser-Fort George	4	1	0	0	0	0	0	0	15
17 Kitimat-Stikine	4	0	0	0	0	1	0	1	19
18 Kootenay Boundary	0	0	0	0	0	0	0	1	13
19 Mount Waddington	0	0	0	1	0	1	0	0	2
20 Nanaimo	2	2	1	0	1	0	0	2	25
21 North Okanagan	2	10	0	2	2	1	2	3	52
22 Okanagan-Similkameen	4	2	0	0	1	0	1	3	28
23 Peace River	4	0	0	1	1	0	0	0	19
24 Powell River	0	0	0	0	0	1	0	0	7
25 Skeena-Queen Charlotte	0	0	0	1	0	0	0	0	2
26 Squamish-Lillooet	1	1	0	0	0	1	0	0	6
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	0	0	0	0	0	6
29 Thompson-Nicola	3	8	0	0	3	2	0	2	46
30 Fort Nelson/Liard	1	0	0	0	0	0	0	0	1
Metropolitan - Subtotal	**106**	**76**	**23**	**22**	**15**	**13**	**25**	**47**	**1,522**
3 Capital	6	5	1	0	2	2	1	2	140
16 Greater Vancouver	100	71	22	22	13	11	24	45	1,382
TOTAL	**160**	**143**	**28**	**35**	**38**	**22**	**34**	**77**	**2,280**

[2] Includes 5 RPNs employed in physicians office/medical clinic.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3b

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Type of Facility October 1992

Regional Hospital District	Psychiatric Hospital	Mentally Handicapped Hospital/ School	LTC/ Intermediate Care	Corrections	Forensics	Adolescent/ Child Psychiatry[1]	General Hospital Psychiatry	General Hospital Medical	Substance Abuse/ Detox
Non-Metropolitan - Subtotal	**1.17**	**0.22**	**0.81**	**0.16**	**0.25**	**0.08**	**0.81**	**0.22**	**0.10**
1 Alberni-Clayoquot	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00
2 Bulkley-Nechako	0.00	0.26	0.00	0.00	0.00	0.00	0.26	0.26	0.00
4 Cariboo	0.00	0.17	1.02	0.00	0.00	0.00	0.17	0.17	0.00
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	1.46	0.45	1.01	1.35	0.45	0.00	0.34	0.45	0.11
7 Central Kootenay	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00
8 Central Okanagan	0.09	0.00	0.96	0.00	0.00	0.00	1.57	0.09	0.09
9 Columbia-Shuswap	0.00	0.00	0.96	0.00	0.00	0.00	0.24	0.72	0.00
10 Comox-Strathcona	0.00	0.00	0.48	0.00	0.00	0.24	1.07	0.12	0.00
11 Cowichan Valley	0.33	0.16	0.16	0.00	0.00	0.00	0.98	0.00	0.00
12 Dewdney-Alouette	15.33	1.08	1.84	0.65	3.24	0.86	0.86	0.43	0.54
13 East Kootenay	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.21	0.00
14 Fraser-Cheam	0.70	0.00	0.56	0.56	0.14	0.00	0.84	0.28	0.00
15 Fraser-Fort George	0.00	0.00	0.00	0.12	0.12	0.12	0.58	0.23	0.00
17 Kitimat-Stikine	0.00	0.00	1.50	0.00	0.00	0.00	1.75	0.00	0.00
18 Kootenay Boundary	0.00	0.00	1.59	0.00	0.00	0.00	1.59	0.64	0.00
19 Mount Waddington	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20 Nanaimo	0.00	0.10	0.59	0.00	0.00	0.00	0.79	0.00	0.20
21 North Okanagan	0.32	0.97	2.11	0.00	0.00	0.00	0.49	0.81	0.16
22 Okanagan-Similkameen	0.14	0.29	1.01	0.00	0.00	0.00	1.01	0.00	0.00
23 Peace River	0.38	0.00	0.57	0.00	0.00	0.00	1.52	0.00	0.00
24 Powell River	0.00	0.00	0.53	0.00	0.00	0.00	2.64	0.00	0.00
25 Skeena-Queen Charlotte	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00
26 Squamish-Lillooet	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.45	0.00
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.00	0.00	1.47	0.00	0.00	0.00	0.98	0.49	0.00
29 Thompson-Nicola	0.00	0.49	0.98	0.00	0.00	0.10	0.49	0.20	0.49
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Metropolitan - Subtotal	**2.38**	**1.06**	**0.88**	**0.07**	**0.52**	**0.18**	**0.84**	**0.32**	**0.17**
3 Capital	0.46	1.44	0.99	0.00	0.03	0.07	0.79	0.07	0.13
16 Greater Vancouver	2.76	0.98	0.86	0.08	0.61	0.21	0.86	0.37	0.17
TOTAL	**1.86**	**0.69**	**0.85**	**0.11**	**0.40**	**0.14**	**0.83**	**0.28**	**0.14**

[1] Includes 44 RPNs employed in adolescent psychiatry and 2 in child psychiatry.

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Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 3b (continued)

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Type of Facility

October 1992

Regional Hospital District	Community Mental Health Team	Boarding/ Group Home/ Specialized Res. Care	Educational Institution	Geriatric Unit- Assessment/ Discharge	Community Health	Self Employed	Other[2]	Unknown	Total
Non-Metropolitan - Subtotal	**0.38**	**0.47**	**0.03**	**0.09**	**0.16**	**0.06**	**0.06**	**0.21**	**5.28**
1 Alberni-Clayoquot	0.00	0.00	0.00	0.00	0.33	0.00	0.33	0.33	1.67
2 Bulkley-Nechako	0.26	0.00	0.00	0.26	0.26	0.26	0.00	0.26	2.12
4 Cariboo	0.51	0.51	0.17	0.00	0.00	0.00	0.00	0.00	2.72
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	0.22	1.01	0.00	0.22	0.34	0.00	0.00	0.45	7.87
7 Central Kootenay	0.19	0.19	0.00	0.00	0.19	0.00	0.19	0.19	1.73
8 Central Okanagan	0.26	0.52	0.00	0.00	0.00	0.00	0.09	0.09	3.74
9 Columbia-Shuswap	0.24	0.72	0.00	0.00	0.48	0.00	0.24	0.48	4.06
10 Comox-Strathcona	0.24	0.00	0.00	0.00	0.00	0.00	0.12	0.00	2.27
11 Cowichan Valley	0.49	0.49	0.00	0.00	0.33	0.00	0.00	0.16	3.10
12 Dewdney-Alouette	1.19	1.40	0.22	0.43	0.43	0.11	0.11	0.76	29.47
13 East Kootenay	0.21	0.00	0.00	0.21	0.00	0.00	0.00	0.00	1.67
14 Fraser-Cheam	0.14	0.70	0.14	0.00	0.14	0.00	0.00	0.00	4.21
15 Fraser-Fort George	0.46	0.12	0.00	0.00	0.00	0.00	0.00	0.00	1.73
17 Kitimat-Stikine	1.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	4.76
18 Kootenay Boundary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	4.13
19 Mount Waddington	0.00	0.00	0.00	0.74	0.00	0.74	0.00	0.00	1.48
20 Nanaimo	0.20	0.20	0.10	0.00	0.10	0.00	0.00	0.20	2.47
21 North Okanagan	0.32	1.62	0.00	0.32	0.32	0.16	0.32	0.49	8.44
22 Okanagan-Similkameen	0.58	0.29	0.00	0.00	0.14	0.00	0.14	0.43	4.06
23 Peace River	0.76	0.00	0.00	0.19	0.19	0.00	0.00	0.00	3.61
24 Powell River	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	3.69
25 Skeena-Queen Charlotte	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.85
26 Squamish-Lillooet	0.45	0.45	0.00	0.00	0.00	0.45	0.00	0.00	2.67
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95
29 Thompson-Nicola	0.29	0.79	0.00	0.00	0.29	0.20	0.00	0.20	4.52
30 Fort Nelson/Liard	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89
Metropolitan - Subtotal	**0.57**	**0.41**	**0.12**	**0.12**	**0.08**	**0.07**	**0.13**	**0.25**	**8.19**
3 Capital	0.20	0.16	0.03	0.00	0.07	0.07	0.03	0.07	4.60
16 Greater Vancouver	0.64	0.46	0.14	0.14	0.08	0.07	0.15	0.29	8.89
TOTAL	**0.49**	**0.43**	**0.09**	**0.11**	**0.12**	**0.07**	**0.10**	**0.23**	**6.92**

[2] Includes 5 RPNs employed in physicians office/medical clinic.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4a

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia by Regional Hospital District by Primary Area of Responsibility

October 1992

Regional Hospital District	Adult Psychiatry Acute	Adult Psychiatry Chronic	Child/ Adolescent Psychiatry	Mentally Handicapped	Psycho-geriatrics	Geriatrics	Corrections	Forensics	Substance Abuse	Rehab/ Vocational
Non-Metropolitan - Subtotal	**174**	**108**	**13**	**48**	**67**	**93**	**32**	**34**	**13**	**8**
1 Alberni-Clayoquot	1	0	0	0	0	0	0	0	0	0
2 Bulkley-Nechako	2	0	0	1	0	0	0	0	0	0
4 Cariboo	2	1	1	2	1	4	0	0	0	0
5 Central Coast	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	9	10	1	4	5	7	15	1	2	1
7 Central Kootenay	0	1	2	0	0	3	0	0	0	0
8 Central Okanagan	17	4	2	1	6	6	0	0	1	0
9 Columbia-Shuswap	0	2	0	2	2	4	0	0	0	0
10 Comox-Strathcona	8	2	1	0	4	1	0	0	0	0
11 Cowichan Valley	8	1	0	2	1	2	0	0	0	0
12 Dewdney-Alouette	55	62	3	10	32	22	11	30	4	5
13 East Kootenay	4	1	0	0	0	0	0	0	0	0
14 Fraser-Cheam	8	4	0	1	1	2	5	0	0	0
15 Fraser-Fort George	6	1	0	0	0	0	1	1	0	0
17 Kitimat-Stikine	7	3	0	0	1	5	0	0	0	0
18 Kootenay Boundary	6	0	0	0	0	3	0	0	0	0
19 Mount Waddington	0	0	1	0	0	0	0	0	0	0
20 Nanaimo	8	3	0	0	2	3	0	0	1	0
21 North Okanagan	3	4	0	11	10	8	0	0	0	0
22 Okanagan-Similkameen	7	5	1	2	2	5	0	0	0	0
23 Peace River	12	0	1	0	0	2	0	0	0	0
24 Powell River	4	0	0	0	0	1	0	0	0	0
25 Skeena-Queen Charlotte	0	0	0	0	0	0	0	0	0	0
26 Squamish-Lillooet	0	1	0	0	0	3	0	1	0	1
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	2	0	0	0	0	2	0	0	0	0
29 Thompson-Nicola	5	3	0	12	0	10	0	1	5	1
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**333**	**235**	**23**	**198**	**125**	**157**	**13**	**95**	**20**	**19**
3 Capital	36	6	0	43	3	23	0	3	2	0
16 Greater Vancouver	297	229	23	155	122	134	13	92	18	19
TOTAL	**507**	**343**	**36**	**246**	**192**	**250**	**45**	**129**	**33**	**27**

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Health Human Resources Unit
The University of British Columbia

Table 4a (continued)

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia by Regional Hospital District by Primary Area of Responsibility

October 1992

Regional Hospital District	Education	Counselling	Admin-istration	General Nursing	Research	Owner/ Person in Charge	Other	Unknown	Total
Non-Metropolitan - Subtotal	5	38	31	35	4	10	12	33	758
1 Alberni-Clayoquot	0	2	0	0	0	0	1	1	5
2 Bulkley-Nechako	0	1	1	0	0	1	1	1	8
4 Cariboo	0	2	2	1	0	0	0	0	16
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	1	2	2	3	0	1	1	5	70
7 Central Kootenay	0	1	0	1	0	0	0	1	9
8 Central Okanagan	0	1	0	1	0	1	0	3	43
9 Columbia-Shuswap	0	2	1	1	0	1	0	2	17
10 Comox-Strathcona	0	2	0	1	0	0	0	0	19
11 Cowichan Valley	0	1	0	0	0	2	1	1	19
12 Dewdney-Alouette	1	2	13	10	3	0	2	8	273
13 East Kootenay	0	2	0	1	0	0	0	0	8
14 Fraser-Cheam	0	2	2	2	0	0	2	1	30
15 Fraser-Fort George	0	4	1	1	0	0	0	0	15
17 Kitimat-Stikine	0	2	0	0	0	0	0	1	19
18 Kootenay Boundary	0	0	0	1	1	0	0	2	13
19 Mount Waddington	0	1	0	0	0	0	0	0	2
20 Nanaimo	1	0	2	1	0	1	1	2	25
21 North Okanagan	1	1	2	5	0	3	1	3	52
22 Okanagan-Similkameen	1	0	1	2	0	0	1	1	28
23 Peace River	0	3	0	1	0	0	0	0	19
24 Powell River	0	2	0	0	0	0	0	0	7
25 Skeena-Queen Charlotte	0	2	0	0	0	0	0	0	2
26 Squamish-Lillooet	0	0	0	0	0	0	0	0	6
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	1	1	0	0	0	0	6
29 Thompson-Nicola	0	3	3	2	0	0	0	1	46
30 Fort Nelson/Liard	0	0	0	0	0	0	1	0	1
Metropolitan - Subtotal	26	42	52	66	22	17	30	49	1,522
3 Capital	2	3	10	4	1	1	1	2	140
16 Greater Vancouver	24	39	42	62	21	16	29	47	1,382
TOTAL	31	80	83	101	26	27	42	82	2,280

Prepared by:
Health Human Resources Unit
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Table 4b

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Primary Area of Responsibility

October 1992

Regional Hospital District	Adult Psychiatry		Child/ Adolescent Psychiatry	Mentally Handicapped	Psycho-geriatrics	Geriatrics	Corrections	Forensics	Substance Abuse	Rehab/ Vocational
	Acute	Chronic								
Non-Metropolitan - Subtotal	**1.21**	**0.75**	**0.09**	**0.33**	**0.47**	**0.65**	**0.22**	**0.24**	**0.09**	**0.06**
1 Alberni-Clayoquot	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Bulkley-Nechako	0.53	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
4 Cariboo	0.34	0.17	0.17	0.34	0.17	0.68	0.00	0.00	0.00	0.00
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	1.01	1.12	0.11	0.45	0.56	0.79	1.69	0.11	0.22	0.11
7 Central Kootenay	0.00	0.19	0.38	0.00	0.00	0.58	0.00	0.00	0.00	0.00
8 Central Okanagan	1.48	0.35	0.17	0.09	0.52	0.52	0.00	0.00	0.09	0.00
9 Columbia-Shuswap	0.00	0.48	0.00	0.48	0.48	0.96	0.00	0.00	0.00	0.00
10 Comox-Strathcona	0.95	0.24	0.12	0.00	0.48	0.12	0.00	0.00	0.00	0.00
11 Cowichan Valley	1.31	0.16	0.00	0.33	0.16	0.33	0.00	0.00	0.00	0.00
12 Dewdney-Alouette	5.94	6.69	0.32	1.08	3.45	2.38	1.19	3.24	0.43	0.54
13 East Kootenay	0.84	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 Fraser-Cheam	1.12	0.56	0.00	0.14	0.14	0.28	0.70	0.00	0.00	0.00
15 Fraser-Fort George	0.69	0.12	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.00
17 Kitimat-Stikine	1.75	0.75	0.00	0.00	0.25	1.25	0.00	0.00	0.00	0.00
18 Kootenay Boundary	1.91	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00
19 Mount Waddington	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20 Nanaimo	0.79	0.30	0.00	0.00	0.20	0.30	0.00	0.00	0.10	0.00
21 North Okanagan	0.49	0.65	0.00	1.79	1.62	1.30	0.00	0.00	0.00	0.00
22 Okanagan-Similkameen	1.01	0.72	0.14	0.29	0.29	0.72	0.00	0.00	0.00	0.00
23 Peace River	2.28	0.00	0.19	0.00	0.00	0.38	0.00	0.00	0.00	0.00
24 Powell River	2.11	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00
25 Skeena-Queen Charlotte	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26 Squamish-Lillooet	0.00	0.45	0.00	0.00	0.00	1.34	0.00	0.45	0.00	0.45
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.98	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00
29 Thompson-Nicola	0.49	0.29	0.00	1.18	0.00	0.98	0.00	0.10	0.49	0.10
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Metropolitan - Subtotal	**1.79**	**1.26**	**0.12**	**1.07**	**0.67**	**0.84**	**0.07**	**0.51**	**0.11**	**0.10**
3 Capital	1.18	0.20	0.00	1.41	0.10	0.76	0.00	0.10	0.07	0.00
16 Greater Vancouver	1.91	1.47	0.15	1.00	0.79	0.86	0.08	0.59	0.12	0.12
TOTAL	**1.54**	**1.04**	**0.11**	**0.75**	**0.58**	**0.76**	**0.14**	**0.39**	**0.10**	**0.08**

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Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 4b (continued)

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Primary Area of Responsibility

October 1992

Regional Hospital District	Education	Counselling	Admin-istration	General Nursing	Research	Owner/ Person in Charge	Other	Unknown	Total
Non-Metropolitan - Subtotal	**0.03**	**0.26**	**0.22**	**0.24**	**0.03**	**0.07**	**0.08**	**0.23**	**5.28**
1 Alberni-Clayoquot	0.00	0.67	0.00	0.00	0.00	0.00	0.33	0.33	1.67
2 Bulkley-Nechako	0.00	0.26	0.26	0.00	0.00	0.26	0.26	0.26	2.12
4 Cariboo	0.00	0.34	0.34	0.17	0.00	0.00	0.00	0.00	2.72
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	0.11	0.22	0.22	0.34	0.00	0.11	0.11	0.56	7.87
7 Central Kootenay	0.00	0.19	0.00	0.19	0.00	0.00	0.00	0.19	1.73
8 Central Okanagan	0.00	0.09	0.00	0.09	0.00	0.09	0.00	0.26	3.74
9 Columbia-Shuswap	0.00	0.48	0.24	0.24	0.00	0.24	0.00	0.48	4.06
10 Comox-Strathcona	0.00	0.24	0.00	0.12	0.00	0.00	0.00	0.00	2.27
11 Cowichan Valley	0.00	0.16	0.00	0.00	0.00	0.33	0.16	0.16	3.10
12 Dewdney-Alouette	0.11	0.22	1.40	1.08	0.32	0.00	0.22	0.86	29.47
13 East Kootenay	0.00	0.42	0.00	0.21	0.00	0.00	0.00	0.00	1.67
14 Fraser-Cheam	0.00	0.28	0.28	0.28	0.00	0.00	0.28	0.14	4.21
15 Fraser-Fort George	0.00	0.46	0.12	0.12	0.00	0.00	0.00	0.00	1.73
17 Kitimat-Stikine	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.25	4.76
18 Kootenay Boundary	0.00	0.00	0.00	0.32	0.32	0.00	0.00	0.64	4.13
19 Mount Waddington	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	1.48
20 Nanaimo	0.10	0.00	0.20	0.10	0.00	0.10	0.10	0.20	2.47
21 North Okanagan	0.16	0.16	0.32	0.81	0.00	0.49	0.16	0.49	8.44
22 Okanagan-Similkameen	0.14	0.00	0.14	0.29	0.00	0.00	0.14	0.14	4.06
23 Peace River	0.00	0.57	0.00	0.19	0.00	0.00	0.00	0.00	3.61
24 Powell River	0.00	1.05	0.00	0.00	0.00	0.00	0.00	0.00	3.69
25 Skeena-Queen Charlotte	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.85
26 Squamish-Lillooet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.67
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.00	0.00	0.49	0.49	0.00	0.00	0.00	0.00	2.95
29 Thompson-Nicola	0.00	0.29	0.29	0.20	0.00	0.00	0.00	0.10	4.52
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00	1.89	0.00	1.89
Metropolitan - Subtotal	**0.14**	**0.23**	**0.28**	**0.36**	**0.12**	**0.09**	**0.16**	**0.26**	**8.19**
3 Capital	0.07	0.10	0.33	0.13	0.03	0.03	0.03	0.07	4.60
16 Greater Vancouver	0.15	0.25	0.27	0.40	0.14	0.10	0.19	0.30	8.89
TOTAL	**0.09**	**0.24**	**0.25**	**0.31**	**0.08**	**0.08**	**0.13**	**0.25**	**6.92**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5a

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia

by Regional Hospital District by Employment Position

October 1992

Regional Hospital District	General Staff Nurse	Assistant Head Nurse	Community Nurse	Head Nurse/ Team Leader	Supervisor/ Coordinator	Director Assistant/ Associate Director[1]	Clinical Specialist	Instructor	Inservice/ Staff Develop-ment	Consultant	Owner	Other	Unknown	Total
Non-Metropolitan - Subtotal	**427**	**46**	**54**	**34**	**46**	**33**	**11**	**4**	**8**	**3**	**34**	**25**	**33**	**758**
1 Alberni-Clayoquot	1	0	0	0	1	0	1	0	0	0	0	1	1	5
2 Bulkley-Nechako	1	0	1	0	0	1	0	0	0	0	2	2	1	8
4 Cariboo	5	0	2	2	1	1	0	0	0	0	2	3	0	16
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	43	1	2	1	8	4	3	0	0	0	2	0	6	70
7 Central Kootenay	3	0	2	0	0	1	0	0	0	0	1	1	1	9
8 Central Okanagan	32	1	2	0	1	2	0	0	1	0	2	0	2	43
9 Columbia-Shuswap	4	0	1	0	3	1	0	0	0	0	3	3	2	17
10 Comox-Strathcona	12	0	2	2	2	0	0	0	1	0	0	0	0	19
11 Cowichan Valley	12	0	1	0	2	0	0	0	1	1	0	1	1	19
12 Dewdney-Alouette	168	34	10	19	15	6	2	2	2	0	6	2	7	273
13 East Kootenay	6	0	1	0	0	0	0	0	0	0	1	0	0	8
14 Fraser-Cheam	21	1	1	2	0	2	0	1	2	0	0	0	0	30
15 Fraser-Fort George	6	0	5	0	2	0	0	0	1	0	0	1	0	15
17 Kitimat-Stikine	12	0	4	1	0	0	0	0	0	0	1	0	1	19
18 Kootenay Boundary	6	2	1	2	0	0	0	0	0	0	1	0	1	13
19 Mount Waddington	0	0	0	0	1	0	1	0	0	0	0	0	0	2
20 Nanaimo	14	0	3	0	2	1	0	1	0	0	1	1	2	25
21 North Okanagan	24	1	3	2	1	6	0	0	0	0	7	4	4	52
22 Okanagan-Similkameen	13	1	3	1	2	3	0	0	0	2	0	1	2	28
23 Peace River	11	2	4	0	0	1	0	0	0	0	1	0	0	19
24 Powell River	6	0	0	0	1	0	0	0	0	0	0	0	0	7
25 Skeena-Queen Charlotte	0	0	0	1	0	0	0	0	0	0	1	0	0	2
26 Squamish-Lillooet	3	1	1	0	0	0	0	0	0	0	1	0	0	6
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	5	0	0	0	0	1	0	0	0	0	0	0	0	6
29 Thompson-Nicola	19	2	4	1	4	3	4	0	0	0	2	5	2	46
30 Fort Nelson/Liard	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Metropolitan - Subtotal	**992**	**95**	**102**	**66**	**52**	**40**	**6**	**13**	**27**	**11**	**25**	**37**	**56**	**1,522**
3 Capital	86	0	10	12	6	10	0	0	2	4	1	7	2	140
16 Greater Vancouver	906	95	92	54	46	30	6	13	25	7	24	30	54	1,382
TOTAL	**1,419**	**141**	**156**	**100**	**98**	**73**	**17**	**17**	**35**	**14**	**59**	**62**	**89**	**2,280**

[1] Includes 67 RPNs employed as directors and 6 employed as assistant/associate directors.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5b

Practising Registered Psychiatric Nurses Employed in Nursing in British Columbia per 10,000 Population by Regional Hospital District by Employment Position

October 1992

Regional Hospital District	General Staff Nurse	Assistant Head Nurse	Community Nurse	Head Nurse/ Team Leader	Supervisor/ Coordinator	Director Assistant/ Associate Director[1]	Clinical Specialist	Instructor	Inservice/ Staff Develop-ment	Consultant	Owner	Other	Unknown	Total
Non-Metropolitan - Subtotal	**2.98**	**0.32**	**0.38**	**0.24**	**0.32**	**0.23**	**0.08**	**0.03**	**0.06**	**0.02**	**0.24**	**0.17**	**0.23**	**5.28**
1 Alberni-Clayoquot	0.33	0.00	0.00	0.00	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.33	0.33	1.67
2 Bulkley-Nechako	0.26	0.00	0.26	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.53	0.53	0.26	2.12
4 Cariboo	0.85	0.00	0.34	0.34	0.17	0.17	0.00	0.00	0.00	0.00	0.34	0.51	0.00	2.72
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	4.84	0.11	0.22	0.11	0.90	0.45	0.34	0.00	0.00	0.00	0.22	0.00	0.67	7.87
7 Central Kootenay	0.58	0.00	0.38	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.19	0.19	0.19	1.73
8 Central Okanagan	2.79	0.09	0.17	0.00	0.09	0.17	0.00	0.00	0.09	0.00	0.17	0.00	0.17	3.74
9 Columbia-Shuswap	0.96	0.00	0.24	0.00	0.72	0.24	0.00	0.00	0.00	0.00	0.72	0.72	0.48	4.06
10 Comox-Strathcona	1.43	0.00	0.24	0.24	0.24	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	2.27
11 Cowichan Valley	1.96	0.00	0.16	0.00	0.33	0.00	0.00	0.00	0.16	0.16	0.00	0.16	0.16	3.10
12 Dewdney-Alouette	18.14	3.67	1.08	2.05	1.62	0.65	0.22	0.22	0.22	0.00	0.65	0.22	0.76	29.47
13 East Kootenay	1.25	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	1.67
14 Fraser-Cheam	2.95	0.14	0.14	0.28	0.00	0.28	0.00	0.14	0.28	0.00	0.00	0.00	0.00	4.21
15 Fraser-Fort George	0.69	0.00	0.58	0.00	0.23	0.00	0.00	0.00	0.12	0.00	0.00	0.12	0.00	1.73
17 Kitimat-Stikine	3.01	0.00	1.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	4.76
18 Kootenay Boundary	1.91	0.64	0.32	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.32	4.13
19 Mount Waddington	0.00	0.00	0.00	0.00	0.74	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	1.48
20 Nanaimo	1.38	0.00	0.30	0.00	0.20	0.10	0.00	0.10	0.00	0.00	0.10	0.10	0.20	2.47
21 North Okanagan	3.90	0.16	0.49	0.32	0.16	0.97	0.00	0.00	0.00	0.00	1.14	0.65	0.65	8.44
22 Okanagan-Similkameen	1.88	0.14	0.43	0.14	0.29	0.43	0.00	0.00	0.00	0.29	0.00	0.14	0.29	4.06
23 Peace River	2.09	0.38	0.76	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.19	0.00	0.00	3.61
24 Powell River	3.16	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.69
25 Skeena-Queen Charlotte	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.85
26 Squamish-Lillooet	1.34	0.45	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	2.67
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	2.46	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95
29 Thompson-Nicola	1.87	0.20	0.39	0.10	0.39	0.29	0.39	0.00	0.00	0.00	0.20	0.49	0.20	4.52
30 Fort Nelson/Liard	0.00	0.00	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89
Metropolitan - Subtotal	**5.34**	**0.51**	**0.55**	**0.36**	**0.28**	**0.22**	**0.03**	**0.07**	**0.15**	**0.06**	**0.13**	**0.20**	**0.30**	**8.19**
3 Capital	2.82	0.00	0.33	0.39	0.20	0.33	0.00	0.00	0.07	0.13	0.03	0.23	0.07	4.60
16 Greater Vancouver	5.83	0.61	0.59	0.35	0.30	0.19	0.04	0.08	0.16	0.05	0.15	0.19	0.35	8.89
TOTAL	**4.31**	**0.43**	**0.47**	**0.30**	**0.30**	**0.22**	**0.05**	**0.05**	**0.11**	**0.04**	**0.18**	**0.19**	**0.27**	**6.92**

[1] Includes 67 RPNs employed as directors and 6 employed as assistant/associate directors.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 6

Analysis of Change in the Number of Practising Registered Psychiatric Nurses in British Columbia by Regional Hospital District October 1991 to October 1992

Regional Hospital District	October 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Unknown	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	October 1992
Non-Metropolitan - Subtotal	**695**	**10**	**14**	**3**	**1**	**28**	**40**	**39**	**34**	**758**
1 Alberni-Clayoquot	4	0	0	0	0	0	1	0	0	5
2 Bulkley-Nechako	5	0	0	1	0	1	2	1	1	8
4 Cariboo	15	0	0	0	0	0	0	0	1	16
5 Central Coast	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	64	2	1	0	0	3	5	3	1	70
7 Central Kootenay	9	0	0	0	0	0	0	0	0	9
8 Central Okanagan	39	0	3	0	0	3	3	3	1	43
9 Columbia-Shuswap	12	0	0	0	0	0	6	2	1	17
10 Comox-Strathcona	14	0	2	0	0	2	0	0	3	19
11 Cowichan Valley	15	0	1	0	0	1	2	2	3	19
12 Dewdney-Alouette	261	5	1	0	1	7	7	16	14	273
13 East Kootenay	6	0	2	0	0	2	0	0	0	8
14 Fraser-Cheam	26	1	1	0	0	2	2	1	1	30
15 Fraser-Fort George	17	0	0	0	0	0	0	0	-2	15
17 Kitimat-Stikine	19	1	0	0	0	1	0	1	0	19
18 Kootenay Boundary	13	0	0	0	0	0	0	0	0	13
19 Mount Waddington	1	0	0	1	0	1	0	0	0	2
20 Nanaimo	19	0	0	1	0	1	4	2	3	25
21 North Okanagan	49	1	0	0	0	1	3	2	1	52
22 Okanagan-Similkameen	23	0	1	0	0	1	2	1	3	28
23 Peace River	17	0	2	0	0	2	0	0	0	19
24 Powell River	7	0	0	0	0	0	0	0	0	7
25 Skeena-Queen Charlotte	2	0	0	0	0	0	0	0	0	2
26 Squamish-Lillooet	6	0	0	0	0	0	0	1	1	6
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	5	0	0	0	0	0	0	0	1	6
29 Thompson-Nicola	46	0	0	0	0	0	3	4	1	46
30 Fort Nelson/Liard	1	0	0	0	0	0	0	0	0	1
Metropolitan - Subtotal	**1,528**	**53**	**20**	**3**	**4**	**80**	**52**	**104**	**-34**	**1,522**
3 Capital	150	0	3	0	0	3	4	14	-3	140
16 Greater Vancouver	1,378	53	17	3	4	77	48	90	-31	1,382
TOTAL	**2,223**	**63**	**34**	**6**	**5**	**108**	**92**	**143**	**0**	**2,280**

[1] Registered Psychiatric Nurses who reported B.C. addresses and were practising registrants in October 1992 and whose date of initial registration was after October 1991.
[2] Registered Psychiatric Nurses who reported B.C. addresses and were practising registrants in October 1992 but not in October 1991 and who were registered for the first time before October 1991.
[3] Registered Psychiatric Nurses who reported B.C. addresses and were practising registrants in October 1991 but not in October 1992.

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IV. NUTRITION AND DIETARY SERVICES

DIETITIANS AND NUTRITIONISTS

DIETITIANS AND NUTRITIONISTS

Definition: A dietitian/nutritionist

is a professional uniquely prepared for the practice of nutrition care through university education and required practicum in food and nutrition as well as biological, social, and management sciences. The dietitian/nutritionist applies knowledge and skills in normal and therapeutic nutrition and in food service systems management to individuals, groups, institutions, organizations, and the community.[1]

Governing Statute: None.

Governing Body: None. Compulsory registration and/or licensure do not exist. Membership in the British Columbia Dietitians' and Nutritionists' Association (BCDNA) is voluntary. However, members of the BCDNA have exclusive use of the titles: *Registered Dietitian*, *Registered Nutritionist*, *Registered Dietitian/Nutritionist*, and *R.D.N.*

Date of Record: December 1991 and December 1992.

Source of Data: The British Columbia Dietitians' and Nutritionists' Association (BCDNA).

Preparation and Updating:

The tables, derived solely from the membership database of the BCDNA, include dietitians and nutritionists who reported a British Columbia address at the date of record.

Definition of Terms:

1. Membership Category

Dietitians and nutritionists may hold a practising or non-practising membership with the BCDNA, as shown in Tables 1a, 1b, and 1c.

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[1] The Canadian Dietetic Association.

2. Age and Sex

Age information on dietitians and nutritionists, derived from the BCDNA membership database, is shown in Table 2 grouped according to adaptations of standard age categories developed and used by Statistics Canada. At the date of record, BCDNA membership included 663 females and 5 males; the age distribution of male BCDNA membership is not shown separately.

3. Employment Status

Table 3 displays employment status of practising members of the BCDNA as reported on their annual registration renewal form. Members who reported being employed in nutrition/dietetics are classified as follows:

(a) Full-time
(b) Part-time
(c) Casual
(d) Temporary
(e) On leave

Members who reported employment status other than in nutrition/dietetics are classified as follows:

(a) Employed in other field
(b) Not employed - includes unemployed, retired and student
(c) Unknown - employment status not reported

4. Principal Employer

Table 4 shows type of principal employer for practising BCDNA members employed in nutrition/dietetics. The following categories are used:

(a) General/Acute Care Facility
(b) Extended Care Facility
(c) Acute/Extended Care Facility
(d) Rehabilitation Facility
(e) Paediatric Facility
(f) Psychiatric Facility
(g) Continuing/Long Term Care Facility
(h) Other Health Care Facility
(i) Government/Community Health Agency
(j) Voluntary/Non-Profit Agency
(k) Education/University/College
(l) Business/Industry
(m) Self Employed

5. Principal Area of Responsibility

Table 5 reports principal area of responsibility for practising BCDNA members employed in nutrition/dietetics, as indicated on the BCDNA registration form. The categories used in the table are:

(a) Administrative/Food Service
(b) Administrative/Clinical
(c) Clinical/Therapeutic
(d) Community/Public Health
(e) Private Consultation
(f) Outpatient/Counselling
(g) Education/Research
(h) Other

6. Principal Employment Position

Principal employment position is reported annually on the BCDNA registration form. Table 6 shows this information for practising BCDNA members employed in nutrition/dietetics. The categories used in the table are:

(a) Staff Dietitian/Nutritionist
(b) Senior Dietitian/Nutritionist
(c) Sole Charge
(d) Manager/Co-ordinator
(e) Department Head/Director
(f) Assistant Department Head/Director
(g) Instructor/Faculty Position
(h) Consultant
(i) Other

7. Analysis of Change

Table 7 illustrates sources of change which affected the stock of dietitians and nutritionists who were Registered members of the British Columbia Dietitians and Nutritionists Association from 1991 to 1992.

New registrants include dietitians and nutritionists who were practising members of the BCDNA as of December 1992 and who registered with the BCDNA *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new members who reported out-of-province addresses.

Reactivations represent dietitians and nutritionists in British Columbia who were not practising members of the BCDNA in December 1991, but were practising members in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are practising dietitians and nutritionists who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes dietitians and nutritionists who were practising members of the BCDNA and were included in the 1991 stock of dietitians and nutritionists, but who, because of death, retirement, out-of-province relocation or non-renewal of practising membership, were not included in the 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of dietitians and nutritionists who were Registered members of the BCDNA among different Regional Hospital Districts. The net migration total is therefore zero.

Dietitians and Nutritionists (Practising Members)
per 10,000 Population
by Regional Hospital District
December 1992
N=585

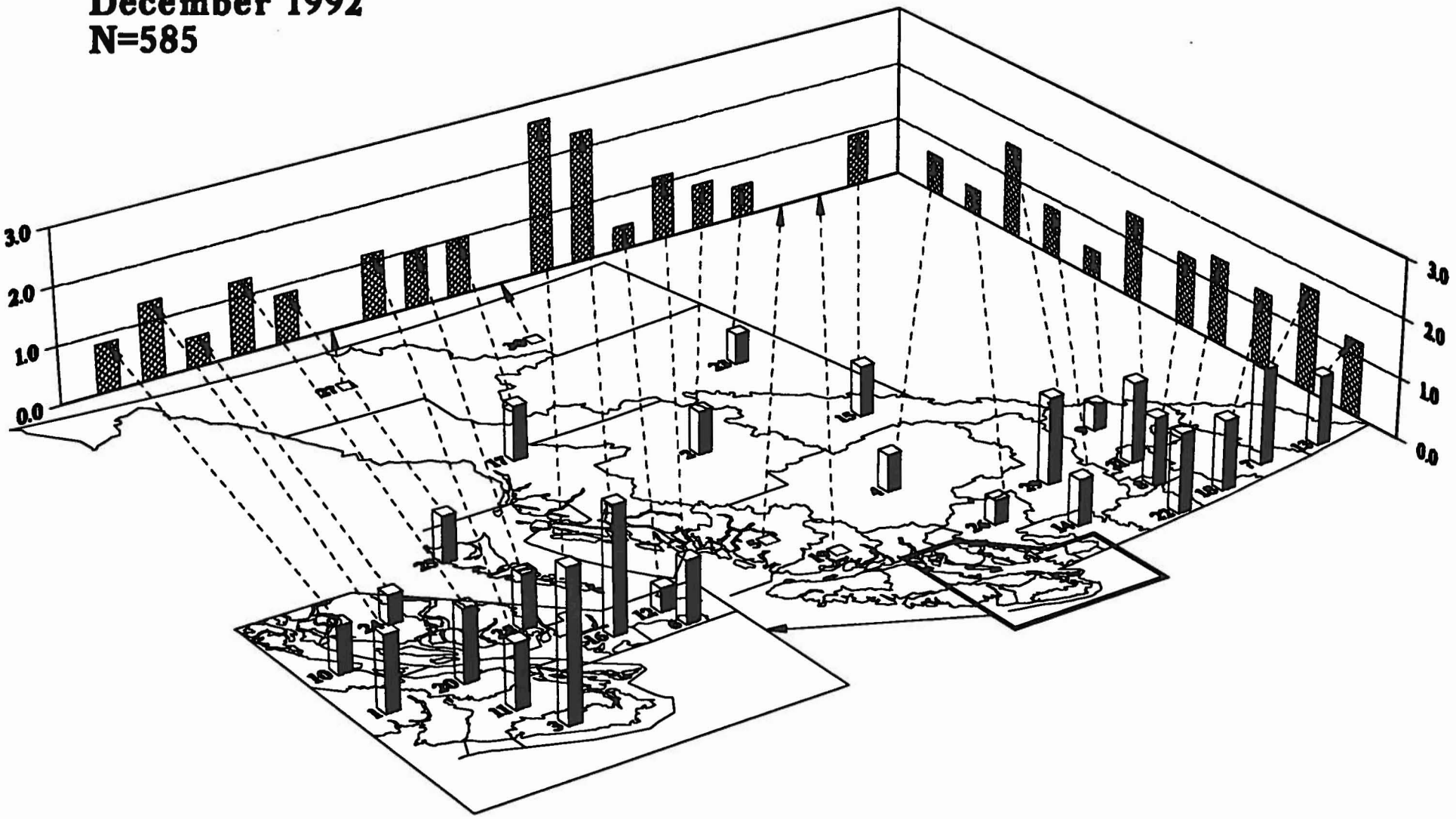

Table 1a

Dietitians and Nutritionists (Members) in British Columbia
by Regional Hospital District by Membership Category
December 1991 and December 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	131	149	21	25	152	174
1 Alberni-Clayoquot	3	4	0	0	3	4
2 Bulkley-Nechako	1	3	1	0	2	3
4 Cariboo	4	4	1	0	5	4
5 Central Coast	0	0	0	0	0	0
6 Central Fraser Valley	12	10	1	3	13	13
7 Central Kootenay	7	9	1	0	8	9
8 Central Okanagan	12	14	3	3	15	17
9 Columbia-Shuswap	2	2	1	1	3	3
10 Comox-Strathcona	7	7	2	3	9	10
11 Cowichan Valley	5	7	1	0	6	7
12 Dewdney-Alouette	4	4	0	3	4	7
13 East Kootenay	6	6	0	1	6	7
14 Fraser-Cheam	5	6	2	0	7	6
15 Fraser-Fort George	8	8	0	2	8	10
17 Kitimat-Stikine	4	4	0	1	4	5
18 Kootenay Boundary	3	4	1	1	4	5
19 Mount Waddington	0	0	0	0	0	0
20 Nanaimo	10	13	2	2	12	15
21 North Okanagan	9	9	1	0	10	9
22 Okanagan-Similkameen	8	10	1	1	9	11
23 Peace River	3	3	0	0	3	3
24 Powell River	1	1	0	0	1	1
25 Skeena-Queen Charlotte	2	2	0	0	2	2
26 Squamish-Lillooet	1	1	0	1	1	2
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	1	2	1	1	2	3
29 Thompson-Nicola	13	16	2	2	15	18
30 Fort Nelson/Liard	0	0	0	0	0	0
Metropolitan - Subtotal	415	436	49	58	464	494
3 Capital	72	81	3	4	75	85
16 Greater Vancouver	343	355	46	54	389	409
TOTAL	546	585	70	83	616	668

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Table 1b

Dietitians and Nutritionists (Members) in British Columbia per 10,000 Population by Regional Hospital District by Membership Category December 1991[1] and December 1992

Regional Hospital District	Practising		Non-Practising		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**0.94**	**1.04**	**0.15**	**0.17**	**1.09**	**1.21**
1 Alberni-Clayoquot	0.99	1.34	0.00	0.00	0.99	1.34
2 Bulkley-Nechako	0.27	0.79	0.27	0.00	0.53	0.79
4 Cariboo	0.69	0.68	0.17	0.00	0.86	0.68
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	1.42	1.12	0.12	0.34	1.54	1.46
7 Central Kootenay	1.37	1.73	0.20	0.00	1.57	1.73
8 Central Okanagan	1.10	1.22	0.27	0.26	1.37	1.48
9 Columbia-Shuswap	0.48	0.48	0.24	0.24	0.73	0.72
10 Comox-Strathcona	0.86	0.84	0.25	0.36	1.10	1.19
11 Cowichan Valley	0.84	1.14	0.17	0.00	1.01	1.14
12 Dewdney-Alouette	0.45	0.43	0.00	0.32	0.45	0.76
13 East Kootenay	1.24	1.25	0.00	0.21	1.24	1.46
14 Fraser-Cheam	0.73	0.84	0.29	0.00	1.02	0.84
15 Fraser-Fort George	0.93	0.92	0.00	0.23	0.93	1.15
17 Kitimat-Stikine	1.01	1.00	0.00	0.25	1.01	1.25
18 Kootenay Boundary	0.97	1.27	0.32	0.32	1.29	1.59
19 Mount Waddington	0.00	0.00	0.00	0.00	0.00	0.00
20 Nanaimo	1.03	1.28	0.21	0.20	1.23	1.48
21 North Okanagan	1.50	1.46	0.17	0.00	1.67	1.46
22 Okanagan-Similkameen	1.20	1.45	0.15	0.14	1.36	1.59
23 Peace River	0.58	0.57	0.00	0.00	0.58	0.57
24 Powell River	0.53	0.53	0.00	0.00	0.53	0.53
25 Skeena-Queen Charlotte	0.86	0.85	0.00	0.00	0.86	0.85
26 Squamish-Lillooet	0.45	0.45	0.00	0.45	0.45	0.89
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	0.50	0.98	0.50	0.49	1.00	1.47
29 Thompson-Nicola	1.29	1.57	0.20	0.20	1.49	1.77
30 Fort Nelson/Liard	0.00	0.00	0.00	0.00	0.00	0.00
Metropolitan - Subtotal	**2.29**	**2.35**	**0.27**	**0.31**	**2.56**	**2.66**
3 Capital	2.42	2.66	0.10	0.13	2.52	2.79
16 Greater Vancouver	2.26	2.28	0.30	0.35	2.57	2.63
TOTAL	**1.70**	**1.78**	**0.22**	**0.25**	**1.92**	**2.03**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.

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Table 1c

Annual Rate of Change: Dietitians and Nutritionists (Members) in British Columbia by Regional Hospital District by Membership Category December 1991 to December 1992

Regional Hospital District	Practising		Non-Practising		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**13.74**	**10.95**	**19.05**	**16.12**	**14.47**	**11.66**
1 Alberni-Clayoquot	*	*	*	*	*	*
2 Bulkley-Nechako	*	*	*	*	*	*
4 Cariboo	*	*	*	*	*	*
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	-16.67	-20.78	*	*	0.00	-4.94
7 Central Kootenay	*	*	*	*	*	*
8 Central Okanagan	16.67	10.90	*	*	13.33	7.73
9 Columbia-Shuswap	*	*	*	*	*	*
10 Comox-Strathcona	*	*	*	*	*	*
11 Cowichan Valley	*	*	*	*	*	*
12 Dewdney-Alouette	*	*	*	*	*	*
13 East Kootenay	*	*	*	*	*	*
14 Fraser-Cheam	*	*	*	*	*	*
15 Fraser-Fort George	*	*	*	*	*	*
17 Kitimat-Stikine	*	*	*	*	*	*
18 Kootenay Boundary	*	*	*	*	*	*
19 Mount Waddington	*	*	*	*	*	*
20 Nanaimo	30.00	25.00	*	*	25.00	20.20
21 North Okanagan	*	*	*	*	-10.00	-12.61
22 Okanagan-Similkameen	*	*	*	*	*	*
23 Peace River	*	*	*	*	*	*
24 Powell River	*	*	*	*	*	*
25 Skeena-Queen Charlotte	*	*	*	*	*	*
26 Squamish-Lillooet	*	*	*	*	*	*
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	*	*	*	*	*	*
29 Thompson-Nicola	23.08	21.47	*	*	20.00	18.44
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	**5.06**	**2.55**	**18.37**	**15.54**	**6.47**	**3.92**
3 Capital	12.50	10.09	*	*	13.33	10.90
16 Greater Vancouver	3.50	0.98	17.39	14.53	5.14	2.58
TOTAL	**7.14**	**4.55**	**18.57**	**15.71**	**8.44**	**5.82**

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Dietitians and Nutritionists (Members) in British Columbia by Regional Hospital District by Age[1]

December 1992

Regional Hospital District	< 25	25-34	35-44	45-54	55-64	65 +	Subtotal	Unknown	Total
Non-Metropolitan - Subtotal	3	60	58	28	11	0	160	14	174
1 Alberni-Clayoquot	0	0	2	1	0	0	3	1	4
2 Bulkley-Nechako	0	1	2	0	0	0	3	0	3
4 Cariboo	0	2	1	0	0	0	3	1	4
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	0	5	5	2	0	0	12	1	13
7 Central Kootenay	0	3	1	3	1	0	8	1	9
8 Central Okanagan	0	9	6	1	1	0	17	0	17
9 Columbia-Shuswap	0	1	1	1	0	0	3	0	3
10 Comox-Strathcona	1	3	4	1	1	0	10	0	10
11 Cowichan Valley	0	3	2	2	0	0	7	0	7
12 Dewdney-Alouette	0	1	5	1	0	0	7	0	7
13 East Kootenay	0	2	0	4	0	0	6	1	7
14 Fraser-Cheam	0	4	1	1	0	0	6	0	6
15 Fraser-Fort George	0	2	5	1	1	0	9	1	10
17 Kitimat-Stikine	0	2	1	1	1	0	5	0	5
18 Kootenay Boundary	1	2	1	1	0	0	5	0	5
19 Mount Waddington	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	2	5	4	2	0	13	2	15
21 North Okanagan	0	4	5	0	0	0	9	0	9
22 Okanagan-Similkameen	1	1	3	2	1	0	8	3	11
23 Peace River	0	1	1	0	0	0	2	1	3
24 Powell River	0	0	0	1	0	0	1	0	1
25 Skeena-Queen Charlotte	0	1	1	0	0	0	2	0	2
26 Squamish-Lillooet	0	1	1	0	0	0	2	0	2
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	1	1	1	0	0	3	0	3
29 Thompson-Nicola	0	9	4	0	3	0	16	2	18
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	4	156	165	62	38	3	428	66	494
3 Capital	1	18	28	20	8	0	75	10	85
16 Greater Vancouver	3	138	137	42	30	3	353	56	409
TOTAL	7	216	223	90	49	3	588	80	668

[1] At the date of record, BCDNA membership included 663 females and 5 males.

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Table 3

Dietitians and Nutritionists (Practising Members) in British Columbia

by Regional Hospital District by Employment Status

December 1992

Regional Hospital District	Employed in Dietetics/Nutrition							Employed in Other Field	Not Employed	Unknown	Total
	Full-Time	Part-Time	Casual	Temporary	On Leave	Unknown	Subtotal				
Non-Metropolitan - Subtotal	**76**	**48**	**3**	**2**	**5**	**3**	**137**	**2**	**1**	**9**	**149**
1 Alberni-Clayoquot	1	1	0	0	1	0	3	0	0	1	4
2 Bulkley-Nechako	1	2	0	0	0	0	3	0	0	0	3
4 Cariboo	2	1	0	0	0	0	3	0	0	1	4
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	6	3	0	0	1	0	10	0	0	0	10
7 Central Kootenay	1	3	0	1	3	0	8	0	0	1	9
8 Central Okanagan	8	6	0	0	0	0	14	0	0	0	14
9 Columbia-Shuswap	2	0	0	0	0	0	2	0	0	0	2
10 Comox-Strathcona	4	2	1	0	0	0	7	0	0	0	7
11 Cowichan Valley	4	2	0	1	0	0	7	0	0	0	7
12 Dewdney-Alouette	2	2	0	0	0	0	4	0	0	0	4
13 East Kootenay	5	0	0	0	0	0	5	0	0	1	6
14 Fraser-Cheam	4	1	0	0	0	1	6	0	0	0	6
15 Fraser-Fort George	5	3	0	0	0	0	8	0	0	0	8
17 Kitimat-Stikine	2	1	0	0	0	1	4	0	0	0	4
18 Kootenay Boundary	4	0	0	0	0	0	4	0	0	0	4
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	7	4	0	0	0	1	12	0	0	1	13
21 North Okanagan	5	3	0	0	0	0	8	1	0	0	9
22 Okanagan-Similkameen	1	6	1	0	0	0	8	0	0	2	10
23 Peace River	1	0	0	0	0	0	1	0	1	1	3
24 Powell River	1	0	0	0	0	0	1	0	0	0	1
25 Skeena-Queen Charlotte	1	1	0	0	0	0	2	0	0	0	2
26 Squamish-Lillooet	0	0	0	0	0	0	0	1	0	0	1
27 Stikine	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	2	0	0	0	0	0	2	0	0	0	2
29 Thompson-Nicola	7	7	1	0	0	0	15	0	0	1	16
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**228**	**118**	**23**	**7**	**13**	**7**	**396**	**9**	**13**	**18**	**436**
3 Capital	45	21	3	2	2	2	75	0	4	2	81
16 Greater Vancouver	183	97	20	5	11	5	321	9	9	16	355
TOTAL	**304**	**166**	**26**	**9**	**18**	**10**	**533**	**11**	**14**	**27**	**585**

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Table 4

Dietitians and Nutritionists (Practising Members) Employed in Nutrition/Dietetics in British Columbia by Regional Hospital District by Principal Employer

December 1992

Regional Hospital District	General/ Acute Care Facility	Extended Care Facility	Acute/ Extended Care Facility	Rehabilitation Facility	Paediatric Facility	Psychiatric Facility	Continuing/ LTC Facility	Other Health Care Facility
Non-Metropolitan - Subtotal	**60**	**5**	**34**	**0**	**0**	**1**	**17**	**2**
1 Alberni-Clayoquot	1	0	1	0	0	0	1	0
2 Bulkley-Nechako	2	0	0	0	0	0	0	0
4 Cariboo	0	0	2	0	0	0	0	0
5 Central Coast	0	0	0	0	0	0	0	0
6 Central Fraser Valley	6	1	2	0	0	0	1	0
7 Central Kootenay	3	0	3	0	0	0	1	0
8 Central Okanagan	8	2	1	0	0	0	0	1
9 Columbia-Shuswap	1	0	1	0	0	0	0	0
10 Comox-Strathcona	2	0	2	0	0	0	3	0
11 Cowichan Valley	2	0	1	0	0	0	2	1
12 Dewdney-Alouette	3	0	0	0	0	1	0	0
13 East Kootenay	0	0	4	0	0	0	0	0
14 Fraser-Cheam	4	0	2	0	0	0	0	0
15 Fraser-Fort George	3	0	3	0	0	0	1	0
17 Kitimat-Stikine	0	0	0	0	0	0	1	0
18 Kootenay Boundary	1	0	3	0	0	0	0	0
19 Mount Waddington	0	0	0	0	0	0	0	0
20 Nanaimo	3	1	1	0	0	0	4	0
21 North Okanagan	4	0	3	0	0	0	0	0
22 Okanagan-Similkameen	4	0	2	0	0	0	1	0
23 Peace River	1	0	0	0	0	0	0	0
24 Powell River	0	0	1	0	0	0	0	0
25 Skeena-Queen Charlotte	1	0	1	0	0	0	0	0
26 Squamish-Lillooet	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	1	0	0	0	1	0
29 Thompson-Nicola	11	1	0	0	0	0	1	0
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**161**	**13**	**36**	**12**	**15**	**8**	**54**	**10**
3 Capital	31	4	6	3	0	1	8	4
16 Greater Vancouver	130	9	30	9	15	7	46	6
TOTAL	**221**	**18**	**70**	**12**	**15**	**9**	**71**	**12**

... continued

Table 4 (continued)

Dietitians and Nutritionists (Practising Members) Employed in Nutrition/Dietetics in British Columbia by Regional Hospital District by Principal Employer

December 1992

Regional Hospital District	Government/ Community Health Agency	Voluntary/ Non-Profit Agency	Education/ University/ College	Business/ Industry	Self Employed	Unknown	Total
Non-Metropolitan - Subtotal	**10**	**2**	**0**	**1**	**3**	**2**	**137**
1 Alberni-Clayoquot	0	0	0	0	0	0	3
2 Bulkley-Nechako	0	1	0	0	0	0	3
4 Cariboo	0	0	0	0	1	0	3
5 Central Coast	0	0	0	0	0	0	0
6 Central Fraser Valley	0	0	0	0	0	0	10
7 Central Kootenay	1	0	0	0	0	0	8
8 Central Okanagan	1	0	0	0	1	0	14
9 Columbia-Shuswap	0	0	0	0	0	0	2
10 Comox-Strathcona	0	0	0	0	0	0	7
11 Cowichan Valley	0	1	0	0	0	0	7
12 Dewdney-Alouette	0	0	0	0	0	0	4
13 East Kootenay	1	0	0	0	0	0	5
14 Fraser-Cheam	0	0	0	0	0	0	6
15 Fraser-Fort George	1	0	0	0	0	0	8
17 Kitimat-Stikine	1	0	0	1	0	1	4
18 Kootenay Boundary	0	0	0	0	0	0	4
19 Mount Waddington	0	0	0	0	0	0	0
20 Nanaimo	2	0	0	0	0	1	12
21 North Okanagan	1	0	0	0	0	0	8
22 Okanagan-Similkameen	0	0	0	0	1	0	8
23 Peace River	0	0	0	0	0	0	1
24 Powell River	0	0	0	0	0	0	1
25 Skeena-Queen Charlotte	0	0	0	0	0	0	2
26 Squamish-Lillooet	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	0	0	0	2
29 Thompson-Nicola	2	0	0	0	0	0	15
30 Fort Nelson/Liard	0	0	0	0	0	0	0
Metropolitan - Subtotal	**36**	**3**	**9**	**13**	**21**	**5**	**396**
3 Capital	7	0	1	2	6	2	75
16 Greater Vancouver	29	3	8	11	15	3	321
TOTAL	**46**	**5**	**9**	**14**	**24**	**7**	**533**

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Table 5

Dietitians and Nutritionists (Practising Members) Employed in Nutrition/Dietetics in British Columbia by Regional Hospital District by Principal Area of Responsibility

December 1992

Regional Hospital District	Administrative/ Food Service	Administrative/ Clinical	Clinical/ Therapeutic	Community/ Public Health	Private Consultation	Outpatient/ Counselling	Education/ Research[1]	Other[2]	Unknown	Total
Non-Metropolitan - Subtotal	**24**	**33**	**45**	**13**	**1**	**16**	**2**	**0**	**3**	**137**
1 Alberni-Clayquot	0	1	2	0	0	0	0	0	0	3
2 Bulkley-Nechako	1	0	0	1	0	1	0	0	0	3
4 Cariboo	2	1	0	0	0	0	0	0	0	3
5 Central Coast	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	2	2	6	0	0	0	0	0	0	10
7 Central Kootenay	0	6	0	1	0	0	1	0	0	8
8 Central Okanagan	1	3	7	1	0	2	0	0	0	14
9 Columbia-Shuswap	0	1	0	0	0	1	0	0	0	2
10 Comox-Strathcoma	1	2	3	0	0	1	0	0	0	7
11 Cowichan Valley	1	1	2	2	0	1	0	0	0	7
12 Dewdney-Alouette	1	0	2	0	0	1	0	0	0	4
13 East Kootenay	2	1	1	1	0	0	0	0	0	5
14 Fraser-Cheam	2	1	1	0	0	1	0	0	1	6
15 Fraser-Fort George	1	1	3	1	0	2	0	0	0	8
17 Kitimat-Stikine	0	2	0	1	0	0	0	0	1	4
18 Kootenay Boundary	1	2	1	0	0	0	0	0	0	4
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	2	3	4	2	0	0	0	0	1	12
21 North Okanagan	1	1	3	1	0	2	0	0	0	8
22 Okanagan-Similkameen	0	0	4	0	1	3	0	0	0	8
23 Peace River	0	1	0	0	0	0	0	0	0	1
24 Powell River	1	0	0	0	0	0	0	0	0	1
25 Skeena-Queen Charlotte	0	1	0	0	0	0	1	0	0	2
26 Squamish-Lillooet	0	0	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	2	0	0	0	0	0	0	0	2
29 Thompson-Nicola	5	1	6	2	0	1	0	0	0	15
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**54**	**57**	**162**	**35**	**19**	**38**	**16**	**11**	**4**	**396**
3 Capital	11	10	27	10	7	6	1	2	1	75
16 Greater Vancouver	43	47	135	25	12	32	15	9	3	321
TOTAL	**78**	**90**	**207**	**48**	**20**	**54**	**18**	**11**	**7**	**533**

[1] Includes 17 dietitian/nutritionists employed in education and 1 in research.

[2] Includes 4 dietitian/nutritionists employed in sales/marketing.

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Table 6

Dietitians and Nutritionists (Practising Members) Employed in Nutrition/Dietetics in British Columbia by Regional Hospital District by Principal Position

December 1992

Regional Hospital District	Staff Dietitian/ Nutritionist	Senior Dietitian/ Nutritionist	Sole Charge	Manager/ Co-ordinator	Department Head/ Director	Assistant Department Head/ Director	Instructor/ Faculty Position	Consultant	Other[1]	Unknown	Total
Non-Metropolitan - Subtotal	61	9	20	8	22	6	0	7	1	3	137
1 Alberni-Clayoquot	2	0	0	0	1	0	0	0	0	0	3
2 Bulkley-Nechako	1	0	1	1	0	0	0	0	0	0	3
4 Cariboo	0	0	2	0	0	0	0	1	0	0	3
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	6	1	0	0	2	1	0	0	0	0	10
7 Central Kootenay	4	0	0	0	4	0	0	0	0	0	8
8 Central Okanagan	9	1	2	0	1	0	0	1	0	0	14
9 Columbia-Shuswap	0	0	2	0	0	0	0	0	0	0	2
10 Comox-Strathcona	2	1	2	1	1	0	0	0	0	0	7
11 Cowichan Valley	4	0	0	1	2	0	0	0	0	0	7
12 Dewdney-Alouette	3	0	0	0	1	0	0	0	0	0	4
13 East Kootenay	1	0	2	1	1	0	0	0	0	0	5
14 Fraser-Cheam	2	2	0	1	1	0	0	0	0	0	6
15 Fraser-Fort George	4	0	0	1	1	1	0	1	0	0	8
17 Kitimat-Stikine	0	0	2	1	0	0	0	0	0	1	4
18 Kootenay Boundary	1	0	1	0	1	0	0	0	1	0	4
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	3	2	2	0	0	1	0	2	0	2	12
21 North Okanagan	5	1	0	0	1	1	0	0	0	0	8
22 Okanagan-Similkameen	6	0	1	0	0	0	0	1	0	0	8
23 Peace River	0	0	1	0	0	0	0	0	0	0	1
24 Powell River	0	0	0	0	1	0	0	0	0	0	1
25 Skeena-Queen Charlotte	1	0	0	0	1	0	0	0	0	0	2
26 Squamish-Lillooet	0	0	0	0	0	0	0	0	0	0	0
27 Stikine	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	1	0	1	0	0	0	0	0	2
29 Thompson-Nicola	7	1	1	1	2	2	0	1	0	0	15
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	194	19	19	44	43	9	8	47	4	9	396
3 Capital	28	4	4	13	10	0	0	12	1	3	75
16 Greater Vancouver	166	15	15	31	33	9	8	35	3	6	321
TOTAL	255	28	39	52	65	15	8	54	5	12	533

[1] Includes 3 dietitian/nutritionists employed as sales representatives.

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Table 7

Analysis of Change in the Number of Dietitians and Nutritionists (Practising Members) in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Unknown	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	**131**	**3**	**9**	**0**	**3**	**15**	**7**	**5**	**1**	**149**
1 Alberni-Clayoquot	3	0	0	0	1	1	0	0	0	4
2 Bulkley-Nechako	1	0	1	0	0	1	1	0	0	3
4 Cariboo	4	0	1	0	0	1	0	0	-1	4
5 Central Coast	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	12	0	0	0	0	0	0	2	0	10
7 Central Kootenay	7	0	1	0	0	1	1	0	0	9
8 Central Okanagan	12	0	1	0	0	1	0	0	1	14
9 Columbia-Shuswap	2	0	0	0	0	0	0	0	0	2
10 Comox-Strathcona	7	0	0	0	0	0	0	0	0	7
11 Cowichan Valley	5	0	0	0	0	0	1	0	1	7
12 Dewdney-Alouette	4	0	0	0	0	0	0	1	1	4
13 East Kootenay	6	0	1	0	0	1	0	1	0	6
14 Fraser-Cheam	5	0	0	0	0	0	1	0	0	6
15 Fraser-Fort George	8	0	0	0	0	0	0	0	0	8
17 Kitimat-Stikine	4	0	0	0	0	0	0	0	0	4
18 Kootenay Boundary	3	0	1	0	0	1	0	0	0	4
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	10	0	2	0	0	2	1	0	0	13
21 North Okanagan	9	1	0	0	0	1	0	0	-1	9
22 Okanagan-Similkameen	8	1	0	0	1	2	1	0	-1	10
23 Peace River	3	0	0	0	1	1	0	0	-1	3
24 Powell River	1	0	0	0	0	0	0	0	0	1
25 Skeena-Queen Charlotte	2	0	0	0	0	0	0	0	0	2
26 Squamish-Lillooet	1	0	0	0	0	0	0	0	0	1
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	1	0	0	0	0	0	0	0	1	2
29 Thompson-Nicola	13	1	1	0	0	2	1	1	1	16
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**415**	**14**	**13**	**2**	**1**	**30**	**14**	**22**	**-1**	**436**
3 Capital	72	1	6	1	1	9	0	3	3	81
16 Greater Vancouver	343	13	7	1	0	21	14	19	-4	355
TOTAL	**546**	**17**	**22**	**2**	**4**	**45**	**21**	**27**	**0**	**585**

[1] Dietitians and nutritionists who reported B.C. addresses and were practising members in December 1992 and whose date of intial registration was after December 1991.

[2] Dietitians and nutritionists who reported B.C. addresses and were practising members in December 1992 but not in December 1991 and who were registered for the first time before December 1991.

[3] Dietitians and nutritionists who reported B.C. addresses and were practising members in December 1991 but not in December 1992.

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V. PSYCHOLOGICAL SERVICES

PSYCHOLOGISTS

PSYCHOLOGISTS

Definition: The practice of a psychologist includes

"(a) the provision to individuals, groups, organizations, or the public of any service involving the application of principles, methods and procedures of understanding, predicting and influencing behaviour, including the principles of learning, perception, motivation, thinking, emotion and interpersonal relationships;

(b) the application of methods and procedures of interviewing, counselling, psychotherapy, behaviour therapy, behaviour modification, hypnosis, research; or

(c) the construction, administration and interpretation of tests of mental abilities, aptitudes, interests, opinions, attitudes, emotions, personality characteristics, motivations and psychophysiological characteristics and the assessment or diagnosis of behaviour, emotional and mental disorder...".[1]

Governing Statute: Psychologists Act, Revised Statutes of British Columbia, 1979, Chapter 342; Health Professions Amendment Act, 1989, Chapter 29, Sections 19-23; administered by the Ministry of Health.

Governing Body: College of Psychologists of British Columbia (CPBC). In order to practise as a psychologist in British Columbia, it is necessary to be registered by the CPBC.

Date of Record: December 1991 and December 1992.

Source of Data: College of Psychologists of British Columbia (CPBC).

Preparation and Updating:

The tables were prepared from registration data maintained by the CPBC and include registered psychologists who were British Columbia residents at the date of record.

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[1] Psychologists Act 1979, RSBC c. 342, p. 1.

See also *Canadian Classification and Dictionary of Occupations 1980.* Major Group 23, Unit Group 2315-110 through 2315-199, pp. 5-7, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Registered Psychologists

Psychologists must be registered with the CPBC in order to practice in British Columbia. Table 1 reports the number of psychologists registered in British Columbia, the number of registered psychologists per 10,000 population, and the annual rate of change in these figures.

2. Age and Sex

Age and sex information on registered psychologists, derived from the CPBC registration database, is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Employment Status

Employment status of registered psychologists in British Columbia is shown in Table 3.

4. Primary Work Setting

The primary work setting of registered psychologists employed in psychology in British Columbia is reported in Table 4. The categories used for primary work setting are:

(a) Educational Facility - primary/secondary
(b) Educational Facility - post-secondary
(c) Psychiatric Hospital
(d) General Hospital
(e) Physical Medicine/Rehabilitation Facility
(f) Mental Health Clinic
(g) Government
(h) Private Practice
(i) Consulting Firm
(j) Other

5. Main Psychological Activity

The main psychological activity of registered psychologists employed in British Columbia, as reported in the annual CPBC registration form, is reported in Table 5. The categories used are as follows:

(a) Direct Service
(b) Consulting
(c) Administration
(d) Teaching
(e) Research

6. Analysis of Change

Table 6 illustrates the sources of change which affected the stock of psychologists from 1991 to 1992.

New registrants are psychologists included in the December 1992 stock who registered with the CPBC *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation: i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent psychologists who were not registered in British Columbia in December 1991, but were registered in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are registered psychologists who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes psychologists who were included in the December 1991 stock but who, because of death, retirement, suspension, out-of-province relocation or non-renewal of registration were not included in the December 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of psychologists among different Regional Hospital Districts. The net migration total is therefore zero.

Psychologists
per 10,000 Population
by Regional Hospital District
December 1992
N=757

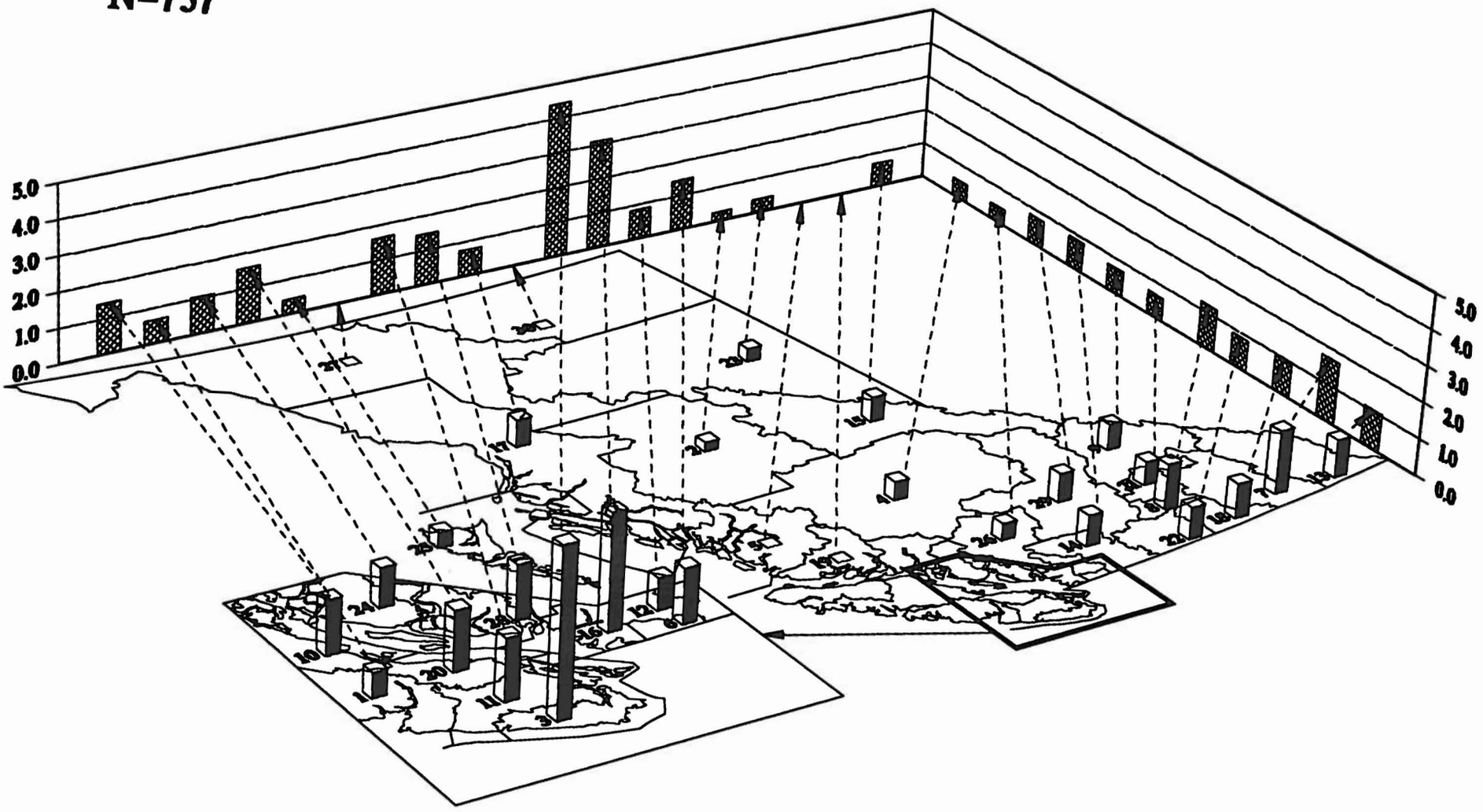

Table 1

Psychologists in British Columbia
by Regional Hospital District
December 1991 and December 1992

Regional Hospital District	Number		Number per 10,000 Population		Annual Rate of Change	
	1991	1992	1991[1]	1992	Number[2]	Ratio[3]
Non-Metropolitan - Subtotal	**144**	**141**	**1.03**	**0.98**	**-2.08**	**-4.49**
1 Alberni-Clayoquot	2	2	0.66	0.67	*	*
2 Bulkley-Nechako	1	1	0.27	0.26	*	*
4 Cariboo	4	3	0.69	0.51	*	*
5 Central Coast	0	0	0.00	0.00	*	*
6 Central Fraser Valley	16	13	1.89	1.46	-18.75	-22.76
7 Central Kootenay	9	9	1.76	1.73	*	*
8 Central Okanagan	14	14	1.28	1.22	0.00	-4.95
9 Columbia-Shuswap	3	3	0.73	0.72	*	*
10 Comox-Strathcona	12	12	1.47	1.43	0.00	-2.67
11 Cowichan Valley	12	10	2.02	1.63	-16.67	-19.20
12 Dewdney-Alouette	7	8	0.78	0.86	*	*
13 East Kootenay	5	5	1.03	1.04	*	*
14 Fraser-Cheam	5	6	0.73	0.84	*	*
15 Fraser-Fort George	7	6	0.81	0.69	*	*
17 Kitimat-Stikine	3	3	0.76	0.75	*	*
18 Kootenay Boundary	3	3	0.97	0.95	*	*
19 Mount Waddington	0	0	0.00	0.00	*	*
20 Nanaimo	14	16	1.44	1.58	14.29	9.89
21 North Okanagan	5	4	0.84	0.65	*	*
22 Okanagan-Similkameen	4	6	0.60	0.87	*	*
23 Peace River	3	2	0.58	0.38	*	*
24 Powell River	2	2	1.07	1.05	*	*
25 Skeena-Queen Charlotte	1	1	0.43	0.43	*	*
26 Squamish-Lillooet	1	1	0.45	0.45	*	*
27 Stikine	0	0	0.00	0.00	*	*
28 Sunshine Coast	3	3	1.50	1.47	*	*
29 Thompson-Nicola	8	8	0.80	0.79	*	*
30 Fort Nelson/Liard	0	0	0.00	0.00	*	*
Metropolitan - Subtotal	**600**	**616**	**3.31**	**3.31**	**2.67**	**0.22**
3 Capital	130	134	4.36	4.40	3.08	0.87
16 Greater Vancouver	470	482	3.10	3.10	2.55	0.06
TOTAL	**744**	**757**	**2.32**	**2.30**	**1.75**	**-0.71**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.
[2] Rate of change (in percent) in the number.
[3] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Psychologists in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	25-34		35-44		45-54		55-64		65 +		Subtotal		Total
	M	F	M	F	M	F	M	F	M	F	M	F	
Non-Metropolitan - Subtotal	1	1	19	14	54	24	20	5	2	1	96	45	141
1 Alberni-Clayoquot	0	0	1	0	0	1	0	0	0	0	1	1	2
2 Bulkley-Nechako	0	0	1	0	0	0	0	0	0	0	1	0	1
4 Cariboo	0	0	0	1	1	0	0	1	0	0	1	2	3
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	1	0	1	0	4	3	2	2	0	0	8	5	13
7 Central Kootenay	0	0	2	3	2	2	0	0	0	0	4	5	9
8 Central Okanagan	0	0	1	2	7	1	3	0	0	0	11	3	14
9 Columbia-Shuswap	0	0	0	1	0	0	1	0	1	0	2	1	3
10 Comox-Strathcona	0	1	2	0	3	5	1	0	0	0	6	6	12
11 Cowichan Valley	0	0	1	1	4	3	0	0	1	0	6	4	10
12 Dewdney-Alouette	0	0	1	1	2	0	2	2	0	0	5	3	8
13 East Kootenay	0	0	0	0	3	0	2	0	0	0	5	0	5
14 Fraser-Cheam	0	0	1	0	1	0	3	0	0	1	5	1	6
15 Fraser-Fort George	0	0	3	0	2	1	0	0	0	0	5	1	6
17 Kitimat-Stikine	0	0	1	0	2	0	0	0	0	0	3	0	3
18 Kootenay Boundary	0	0	0	0	2	1	0	0	0	0	2	1	3
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	0	3	3	6	2	2	0	0	0	11	5	16
21 North Okanagan	0	0	0	0	3	1	0	0	0	0	3	1	4
22 Okanagan-Similkameen	0	0	0	1	2	1	2	0	0	0	4	2	6
23 Peace River	0	0	0	1	1	0	0	0	0	0	1	1	2
24 Powell River	0	0	0	0	2	0	0	0	0	0	2	0	2
25 Skeena-Queen Charlotte	0	0	0	0	0	1	0	0	0	0	0	1	1
26 Squamish-Lillooet	0	0	0	0	0	0	1	0	0	0	1	0	1
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	1	0	1	1	0	0	0	0	2	1	3
29 Thompson-Nicola	0	0	0	0	6	1	1	0	0	0	7	1	8
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	7	10	80	101	169	135	48	37	16	13	320	296	616
3 Capital	0	1	15	19	37	35	11	6	4	6	67	67	134
16 Greater Vancouver	7	9	65	82	132	100	37	31	12	7	253	229	482
TOTAL	8	11	99	115	223	159	68	42	18	14	416	341	757

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Table 3

Psychologists in British Columbia

by Regional Hospital District by Employment Status

December 1992

Regional Hospital District	Employed in Psychology	Employed in Other Field	Not Employed	Unknown	Total
Non-Metropolitan - Subtotal	**129**	**5**	**4**	**3**	**141**
1 Alberni-Clayoquot	2	0	0	0	2
2 Bulkley-Nechako	1	0	0	0	1
4 Cariboo	3	0	0	0	3
5 Central Coast	0	0	0	0	0
6 Central Fraser Valley	12	0	1	0	13
7 Central Kootenay	7	0	1	1	9
8 Central Okanagan	14	0	0	0	14
9 Columbia-Shuswap	3	0	0	0	3
10 Comox-Strathcona	11	1	0	0	12
11 Cowichan Valley	10	0	0	0	10
12 Dewdney-Alouette	6	2	0	0	8
13 East Kootenay	5	0	0	0	5
14 Fraser-Cheam	5	0	0	1	6
15 Fraser-Fort George	3	1	1	1	6
17 Kitimat-Stikine	3	0	0	0	3
18 Kootenay Boundary	3	0	0	0	3
19 Mount Waddington	0	0	0	0	0
20 Nanaimo	15	0	1	0	16
21 North Okanagan	4	0	0	0	4
22 Okanagan-Similkameen	6	0	0	0	6
23 Peace River	1	1	0	0	2
24 Powell River	2	0	0	0	2
25 Skeena-Queen Charlotte	1	0	0	0	1
26 Squamish-Lillooet	1	0	0	0	1
27 Stikine	0	0	0	0	0
28 Sunshine Coast	3	0	0	0	3
29 Thompson-Nicola	8	0	0	0	8
30 Fort Nelson/Liard	0	0	0	0	0
Metropolitan - Subtotal	**542**	**38**	**19**	**17**	**616**
3 Capital	122	5	4	3	134
16 Greater Vancouver	420	33	15	14	482
TOTAL	**671**	**43**	**23**	**20**	**757**

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Table 4

Psychologists Employed in Psychology in British Columbia by Regional Hospital District by Primary Work Setting

December 1992

Regional Hospital District	Educational Facility: Primary/ Secondary	Educational Facility: Post-Secondary	Psychiatric Hospital	General Hospital	Physical Medicine/ Rehab. Facility	Mental Health Clinic	Government[1]	Private Practice	Consulting Firm	Other[2]	Unknown	Total
Non-Metropolitan - Subtotal	**27**	**20**	**4**	**3**	**1**	**30**	**3**	**32**	**1**	**8**	**0**	**129**
1 Alberni-Clayoquot	0	1	0	0	0	0	0	1	0	0	0	2
2 Bulkley-Nechako	0	0	0	0	0	1	0	0	0	0	0	1
4 Cariboo	2	0	0	0	0	0	0	0	0	1	0	3
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	2	3	2	0	0	2	0	2	0	1	0	12
7 Central Kootenay	1	0	0	0	0	2	0	3	0	1	0	7
8 Central Okanagan	3	4	0	1	0	2	0	3	1	0	0	14
9 Columbia-Shuswap	1	0	0	0	0	1	0	1	0	0	0	3
10 Comox-Strathcona	1	2	0	0	0	4	0	4	0	0	0	11
11 Cowichan Valley	3	0	0	1	0	2	1	2	0	1	0	10
12 Dewdney-Alouette	3	0	1	0	0	0	0	2	0	0	0	6
13 East Kootenay	1	2	0	0	0	1	0	1	0	0	0	5
14 Fraser-Cheam	0	0	0	0	0	3	0	0	0	2	0	5
15 Fraser-Fort George	0	1	0	0	0	0	0	1	0	1	0	3
17 Kitimat-Stikine	0	1	0	0	0	2	0	0	0	0	0	3
18 Kootenay Boundary	0	0	0	0	0	2	0	1	0	0	0	3
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	2	3	0	1	0	2	0	6	0	1	0	15
21 North Okanagan	1	0	0	0	0	0	1	2	0	0	0	4
22 Okanagan-Similkameen	2	2	0	0	1	0	0	1	0	0	0	6
23 Peace River	1	0	0	0	0	0	0	0	0	0	0	1
24 Powell River	1	0	0	0	0	1	0	0	0	0	0	2
25 Skeena-Queen Charlotte	0	0	0	0	0	1	0	0	0	0	0	1
26 Squamish-Lillooet	0	0	0	0	0	0	0	1	0	0	0	1
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	1	0	0	0	0	2	0	0	0	0	0	3
29 Thompson-Nicola	2	1	1	0	0	2	1	1	0	0	0	8
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**51**	**110**	**18**	**36**	**19**	**51**	**29**	**124**	**26**	**60**	**18**	**542**
3 Capital	13	26	5	1	1	13	7	32	3	18	3	122
16 Greater Vancouver	38	84	13	35	18	38	22	92	23	42	15	420
TOTAL	**78**	**130**	**22**	**39**	**20**	**81**	**32**	**156**	**27**	**68**	**18**	**671**

[1] Includes 7 psychologists employed by the federal government, 20 by the provincial government and 5 by municipal governments.

[2] Includes 10 psychologists employed by mental retardation centres, 7 by addiction treatment centres, 16 by correction facilities, 7 by industrial/commercial firms, 9 by social agencies and 19 others.

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Table 5

Psychologists Employed in Psychology in British Columbia
by Regional Hospital District by Main Psychological Activity
December 1992

Regional Hospital District	Direct Service	Consulting	Admin-istration	Teaching	Research	Unknown	Total
Non-Metropolitan - Subtotal	88	19	8	13	0	1	129
1 Alberni-Clayoquot	1	0	0	1	0	0	2
2 Bulkley-Nechako	1	0	0	0	0	0	1
4 Cariboo	3	0	0	0	0	0	3
5 Central Coast	0	0	0	0	0	0	0
6 Central Fraser Valley	9	1	0	2	0	0	12
7 Central Kootenay	7	0	0	0	0	0	7
8 Central Okanagan	8	2	1	3	0	0	14
9 Columbia-Shuswap	1	2	0	0	0	0	3
10 Comox-Strathcona	9	1	0	1	0	0	11
11 Cowichan Valley	6	2	2	0	0	0	10
12 Dewdney-Alouette	6	0	0	0	0	0	6
13 East Kootenay	2	1	1	1	0	0	5
14 Fraser-Cheam	3	0	2	0	0	0	5
15 Fraser-Fort George	2	0	0	1	0	0	3
17 Kitimat-Stikine	2	0	0	1	0	0	3
18 Kootenay Boundary	2	1	0	0	0	0	3
19 Mount Waddington	0	0	0	0	0	0	0
20 Nanaimo	11	2	0	2	0	0	15
21 North Okanagan	4	0	0	0	0	0	4
22 Okanagan-Similkameen	5	1	0	0	0	0	6
23 Peace River	0	0	1	0	0	0	1
24 Powell River	0	1	1	0	0	0	2
25 Skeena-Queen Charlotte	1	0	0	0	0	0	1
26 Squamish-Lillooet	1	0	0	0	0	0	1
27 Stikine	0	0	0	0	0	0	0
28 Sunshine Coast	2	1	0	0	0	0	3
29 Thompson-Nicola	2	4	0	1	0	1	8
30 Fort Nelson/Liard	0	0	0	0	0	0	0
Metropolitan - Subtotal	368	69	26	60	13	6	542
3 Capital	83	12	10	16	1	0	122
16 Greater Vancouver	285	57	16	44	12	6	420
TOTAL	456	88	34	73	13	7	671

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The University of British Columbia

Table 6

Analysis of Change in the Number of Psychologists in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	**144**	**3**	**0**	**1**	**4**	**1**	**8**	**0**	**141**
1 Alberni-Clayoquot	2	0	0	0	0	0	0	0	2
2 Bulkley-Nechako	1	0	0	0	0	0	0	0	1
4 Cariboo	4	0	0	0	0	0	0	-1	3
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	16	0	0	1	1	0	2	-2	13
7 Central Kootenay	9	0	0	0	0	0	1	1	9
8 Central Okanagan	14	0	0	0	0	0	0	0	14
9 Columbia-Shuswap	3	0	0	0	0	0	0	0	3
10 Comox-Strathcona	12	1	0	0	1	0	0	-1	12
11 Cowichan Valley	12	0	0	0	0	0	1	-1	10
12 Dewdney-Alouette	7	1	0	0	1	0	0	0	8
13 East Kootenay	5	0	0	0	0	0	0	0	5
14 Fraser-Cheam	5	0	0	0	0	0	0	1	6
15 Fraser-Fort George	7	0	0	0	0	0	0	-1	6
17 Kitimat-Stikine	3	0	0	0	0	0	0	0	3
18 Kootenay Boundary	3	0	0	0	0	0	0	0	3
19 Mount Waddington	0	0	0	0	0	0	0	0	0
20 Nanaimo	14	0	0	0	0	0	1	3	16
21 North Okanagan	5	0	0	0	0	0	1	0	4
22 Okanagan-Similkameen	4	0	0	0	0	1	0	1	6
23 Peace River	3	0	0	0	0	0	1	0	2
24 Powell River	2	0	0	0	0	0	0	0	2
25 Skeena-Queen Charlotte	1	0	0	0	0	0	0	0	1
26 Squamish-Lillooet	1	0	0	0	0	0	0	0	1
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	3	1	0	0	1	0	0	-1	3
29 Thompson-Nicola	8	0	0	0	0	0	1	1	8
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**600**	**13**	**10**	**6**	**29**	**5**	**18**	**0**	**616**
3 Capital	130	1	1	0	2	1	4	5	134
16 Greater Vancouver	470	12	9	6	27	4	14	-5	482
TOTAL	**744**	**16**	**10**	**7**	**33**	**6**	**26**	**0**	**757**

[1] Psychologists who reported B.C. addresses and were registered in December 1992 and whose date of initial registration was after December 1991.

[2] Psychologists who reported B.C. addresses and were registered in December 1992 but not in December 1991 and who registered for the first time before December 1991.

[3] Psychologists who reported B.C. addresses and were registered in December 1991 but not in December 1992.

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VI. REHABILITATION SERVICES

MASSAGE PRACTITIONERS

MASSAGE PRACTITIONERS

Definition: A massage practitioner

may register under Part 3 of the Physiotherapists' Act upon completion of an approved course of study comprised of a curriculum of theory and practice, primarily consisting of the subjects of anatomy, physiology, massage and hydrotherapy, and after passing the examination set by the Board of Physiotherapists and Massage Practitioners.[1]

Governing Statute: Physiotherapists' Act, Revised Statutes of British Columbia, 1979, Chapter 327; Health Professions Amendment Act, 1989, Chapter 29, Sections 9-16.

Governing Body: Association of Physiotherapists and Massage Practitioners of British Columbia (APMPBC). In order to practise as a massage practitioner in British Columbia, it is necessary to be registered by the Association of Physiotherapists and Massage Practitioners of British Columbia.

Date of Record: December 1991 and December 1992.

Source of Data: Association of Physiotherapists and Massage Practitioners of British Columbia (APMPBC).

Preparation and Updating:

The tables, prepared from registration data maintained by the APMPBC, include massage practitioners who were APMPBC members and British Columbia residents at the date of record.

Definition of Terms:

1. Registration Category

Tables 1a and 1b report the number and number per 10,000 population of massage practitioners who are full or inactive registrants with the APMPBC. Table 1c reports the annual rate of change in these figures.

2. Age and Sex

Age and sex information on massage practitioners who are full or inactive registrants with the APMPBC is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

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[1] Physiotherapists Act, Revised Statutes of British Columbia, 1979, Chapter 327.

3. Employment Status

Employment status as reported on the APMPBC registration renewal form is reported in Table 3. The following categories are used:

(a) Employed in Massage Therapy

- Full-Time
- Part-Time
- Casual/Locum
- Employed in Massage Therapy - status unknown

(b) Employed in Other Field
(c) Not Employed

4. Principal Employing Institution

Table 4 displays type of principal employing institution as reported on the APMPBC registration renewal form. Massage practitioners reported the following categories for principal employing institution:

(a) Private Practice
(b) Community Health/Diagnostic and Treatment Centre
(c) University/College
(d) Other

In 1992, the *Other* category includes rehabilitation hospital, industry, and other institutions or agencies.

5. Principal Employment Activity

Principal employment activity as reported by massage practitioners on the APMPBC registration renewal form is shown in Table 5. In 1992, massage practitioners reported the following categories as principal employment activities:

(a) General
(b) Sports Medicine
(c) Rehabilitation
(d) Acute Care Specialties
(e) Palliative Chronic Care
(f) Preventive/Health Education
(g) Other Patient Care
(h) Administrative/Teaching
(i) Other Non-Patient Care

Acute Care Specialties include massage practitioners in orthopaedics, rheumatology, geriatrics and neurology.

6. Type of Position

Principal type of position as reported on the registration renewal form is reported in Table 6 using the following categories:

(a) Owner/Partner - Private Practice
(b) Associate - Private Practice
(c) Staff Therapist
(d) Sole Charge
(e) Director
(f) Other

Included in the *Other* category in 1992 are massage practitioners who reported type of employment position as program co-ordinator, senior therapists, research therapists, and other unspecified positions.

7. Analysis of Change

Table 7 illustrates sources of change which affected the stock of massage practitioners who were Full Registrants in the APMPBC from 1991 to 1992.

New registrants include massage practitioners who were Full Registrants in the APMPBC as of December 1992 and who registered in the APMPBC *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent massage therapists who were not Full Registrants in the APMPBC in December 1991, but were Full Registrants in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are massage practitioners who were Full Registrants and reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes massage practitioners who were Full Registrants in the APMPBC who were included in the 1991 stock of massage practitioners, but who, because of death, retirement, out-of-province relocation, or non-renewal of Full Registration, were not included in the 1992 stock.

Migration describes the net effect of intraprovincial migration; it records the flow of massage practitioners who were Full Registrants in the APMPBC among different Regional Hospital Districts. The net migration total is therefore zero.

Massage Practitioners (Full Registrants)
per 10,000 Population
by Regional Hospital District
December 1992
N=700

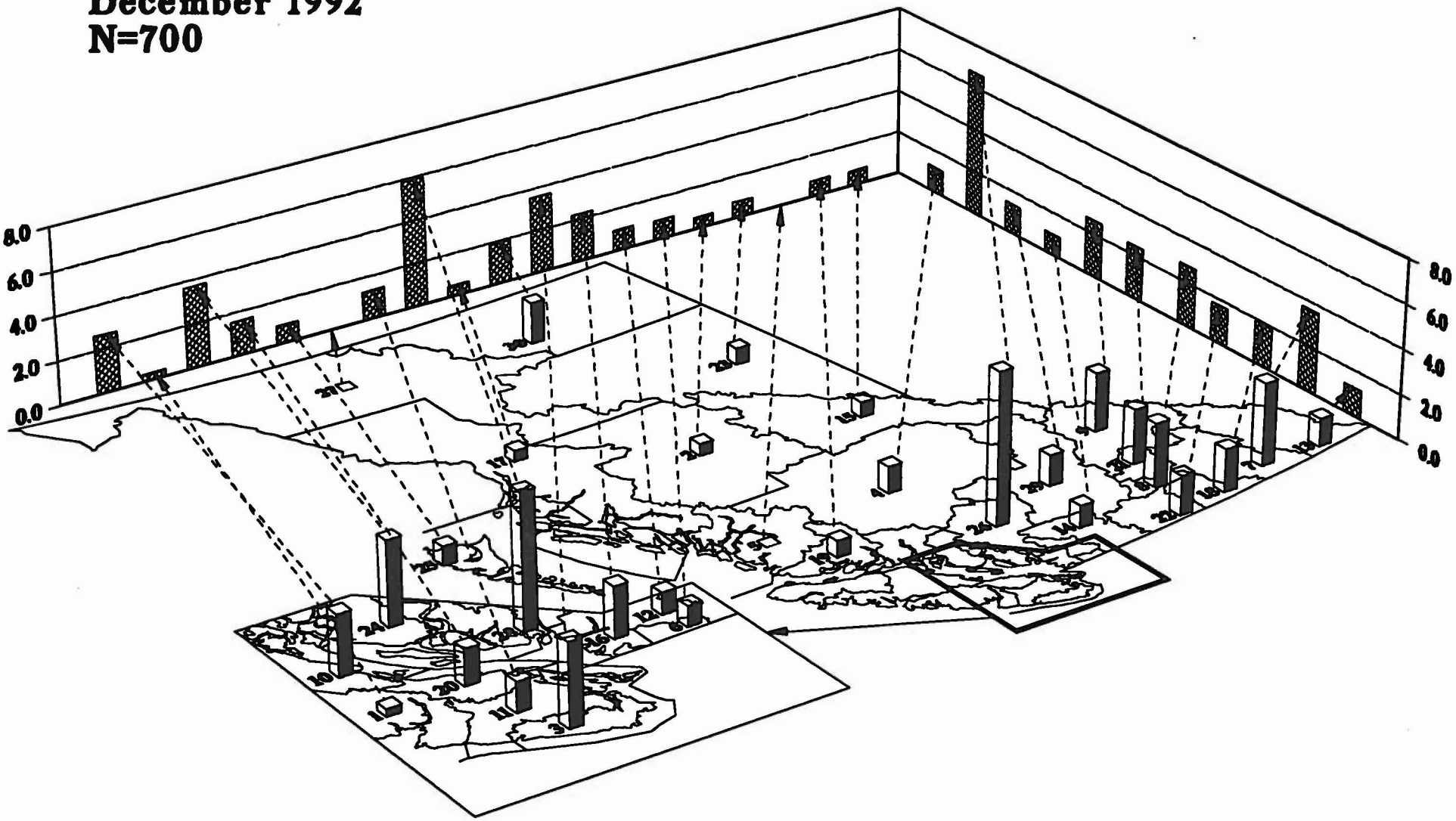

Table 1a

Massage Practitioners in British Columbia
by Regional Hospital District by Registration Category
December 1991 and December 1992

Regional Hospital District	Full Registrants		Inactive Registrants		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	205	245	2	0	207	245
1 Alberni-Clayoquot	1	1	0	0	1	1
2 Bulkley-Nechako	3	2	0	0	3	2
4 Cariboo	7	7	0	0	7	7
5 Central Coast	0	0	0	0	0	0
6 Central Fraser Valley	8	8	0	0	8	8
7 Central Kootenay	16	19	0	0	16	19
8 Central Okanagan	23	32	0	0	23	32
9 Columbia-Shuswap	9	11	0	0	9	11
10 Comox-Strathcona	18	22	0	0	18	22
11 Cowichan Valley	7	8	0	0	7	8
12 Dewdney-Alouette	9	9	0	0	9	9
13 East Kootenay	7	6	0	0	7	6
14 Fraser-Cheam	7	7	0	0	7	7
15 Fraser-Fort George	4	6	0	0	4	6
17 Kitimat-Stikine	1	2	0	0	1	2
18 Kootenay Boundary	5	6	0	0	5	6
19 Mount Waddington	1	1	0	0	1	1
20 Nanaimo	14	16	0	0	14	16
21 North Okanagan	10	15	1	0	11	15
22 Okanagan-Similkameen	10	12	0	0	10	12
23 Peace River	2	4	0	0	2	4
24 Powell River	5	7	0	0	5	7
25 Skeena-Queen Charlotte	1	2	0	0	1	2
26 Squamish-Lillooet	15	15	0	0	15	15
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	10	12	1	0	11	12
29 Thompson-Nicola	11	14	0	0	11	14
30 Fort Nelson/Liard	1	1	0	0	1	1
Metropolitan - Subtotal	411	455	7	5	418	460
3 Capital	96	109	4	1	100	110
16 Greater Vancouver	315	346	3	4	318	350
TOTAL	616	700	9	5	625	705

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Table 1b

Massage Practitioners in British Columbia

per 10,000 Population by Regional Hospital District by Registration Category

December 1991 and December 1992

Regional Hospital District	Full Registrants		Inactive Registrants		Total	
	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**1.47**	**1.71**	**0.01**	**0.00**	**1.48**	**1.71**
1 Alberni-Clayoquot	0.33	0.33	0.00	0.00	0.33	0.33
2 Bulkley-Nechako	0.80	0.53	0.00	0.00	0.80	0.53
4 Cariboo	1.20	1.19	0.00	0.00	1.20	1.19
5 Central Coast	0.00	0.00	0.00	0.00	0.00	0.00
6 Central Fraser Valley	0.95	0.90	0.00	0.00	0.95	0.90
7 Central Kootenay	3.14	3.65	0.00	0.00	3.14	3.65
8 Central Okanagan	2.11	2.79	0.00	0.00	2.11	2.79
9 Columbia-Shuswap	2.18	2.63	0.00	0.00	2.18	2.63
10 Comox-Strathcona	2.21	2.63	0.00	0.00	2.21	2.63
11 Cowichan Valley	1.18	1.31	0.00	0.00	1.18	1.31
12 Dewdney-Alouette	1.01	0.97	0.00	0.00	1.01	0.97
13 East Kootenay	1.45	1.25	0.00	0.00	1.45	1.25
14 Fraser-Cheam	1.02	0.98	0.00	0.00	1.02	0.98
15 Fraser-Fort George	0.46	0.69	0.00	0.00	0.46	0.69
17 Kitimat-Stikine	0.25	0.50	0.00	0.00	0.25	0.50
18 Kootenay Boundary	1.61	1.91	0.00	0.00	1.61	1.91
19 Mount Waddington	0.73	0.74	0.00	0.00	0.73	0.74
20 Nanaimo	1.44	1.58	0.00	0.00	1.44	1.58
21 North Okanagan	1.67	2.44	0.17	0.00	1.84	2.44
22 Okanagan-Similkameen	1.51	1.74	0.00	0.00	1.51	1.74
23 Peace River	0.39	0.76	0.00	0.00	0.39	0.76
24 Powell River	2.67	3.69	0.00	0.00	2.67	3.69
25 Skeena-Queen Charlotte	0.43	0.85	0.00	0.00	0.43	0.85
26 Squamish-Lillooet	6.81	6.69	0.00	0.00	6.81	6.69
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	4.99	5.90	0.50	0.00	5.48	5.90
29 Thompson-Nicola	1.10	1.38	0.00	0.00	1.10	1.38
30 Fort Nelson/Liard	1.99	1.89	0.00	0.00	1.99	1.89
Metropolitan - Subtotal	**2.27**	**2.45**	**0.04**	**0.03**	**2.30**	**2.48**
3 Capital	3.22	3.58	0.13	0.03	3.36	3.61
16 Greater Vancouver	2.08	2.23	0.02	0.03	2.10	2.25
TOTAL	**1.92**	**2.13**	**0.03**	**0.02**	**1.95**	**2.14**

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Table 1c

Annual Rate of Change: Massage Practitioners in British Columbia by Regional Hospital District by Registration Category December 1991 to December 1992

Regional Hospital District	Full Registrants		Inactive Registrants		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**19.51**	**16.58**	*	*	**18.36**	**15.45**
1 Alberni-Clayoquot	*	*	*	*	*	*
2 Bulkley-Nechako	*	*	*	*	*	*
4 Cariboo	*	*	*	*	*	*
5 Central Coast	*	*	*	*	*	*
6 Central Fraser Valley	*	*	*	*	*	*
7 Central Kootenay	18.75	16.32	*	*	18.75	16.32
8 Central Okanagan	39.13	32.25	*	*	39.13	32.25
9 Columbia-Shuswap	*	*	*	*	*	*
10 Comox-Strathcona	22.22	18.96	*	*	22.22	18.96
11 Cowichan Valley	*	*	*	*	*	*
12 Dewdney-Alouette	*	*	*	*	*	*
13 East Kootenay	*	*	*	*	*	*
14 Fraser-Cheam	*	*	*	*	*	*
15 Fraser-Fort George	*	*	*	*	*	*
17 Kitimat-Stikine	*	*	*	*	*	*
18 Kootenay Boundary	*	*	*	*	*	*
19 Mount Waddington	*	*	*	*	*	*
20 Nanaimo	14.29	9.89	*	*	14.29	9.89
21 North Okanagan	50.00	45.65	*	*	36.36	32.41
22 Okanagan-Similkameen	20.00	15.54	*	*	20.00	15.54
23 Peace River	*	*	*	*	*	*
24 Powell River	*	*	*	*	*	*
25 Skeena-Queen Charlotte	*	*	*	*	*	*
26 Squamish-Lillooet	0.00	-1.87	*	*	0.00	-1.87
27 Stikine	*	*	*	*	*	*
28 Sunshine Coast	20.00	18.26	*	*	9.09	7.51
29 Thompson-Nicola	27.27	25.61	*	*	27.27	25.61
30 Fort Nelson/Liard	*	*	*	*	*	*
Metropolitan - Subtotal	**10.71**	**8.06**	*	*	**10.05**	**7.42**
3 Capital	13.54	11.11	*	*	10.00	7.64
16 Greater Vancouver	9.84	7.17	*	*	10.06	7.38
TOTAL	**13.64**	**10.89**	*	*	**12.80**	**10.07**

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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Table 2

Massage Practitioners in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	2	7	21	54	32	70	11	15	5	7	1	0	72	153	20	245
1 Alberni-Clayoquot	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
2 Bulkley-Nechako	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	2
4 Cariboo	0	0	0	3	0	2	0	0	0	1	0	0	0	6	1	7
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	0	1	0	1	3	2	1	0	0	0	0	0	4	4	0	8
7 Central Kootenay	0	0	3	3	4	6	0	0	2	0	0	0	9	9	1	19
8 Central Okanagan	0	2	5	5	7	9	1	1	2	0	0	0	15	17	0	32
9 Columbia-Shuswap	0	0	2	4	1	2	1	1	0	0	0	0	4	7	0	11
10 Comox-Strathcona	1	0	0	2	3	9	0	1	0	2	0	0	4	14	4	22
11 Cowichan Valley	0	1	1	2	0	3	1	0	0	0	0	0	2	6	0	8
12 Dewdney-Alouette	0	1	0	3	0	2	0	0	0	1	0	0	0	7	2	9
13 East Kootenay	0	0	0	1	2	3	0	0	0	0	0	0	2	4	0	6
14 Fraser-Cheam	0	0	0	1	2	2	0	1	1	0	0	0	3	4	0	7
15 Fraser-Fort George	0	0	1	0	1	2	1	1	0	0	0	0	3	3	0	6
17 Kitimat-Stikine	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2
18 Kootenay Boundary	0	0	0	2	1	1	1	0	0	0	0	0	2	3	1	6
19 Mount Waddington	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
20 Nanaimo	0	0	0	7	2	6	0	0	0	0	0	0	2	13	1	16
21 North Okanagan	0	1	0	2	2	4	2	1	0	1	0	0	4	9	2	15
22 Okanagan-Similkameen	0	0	1	1	2	4	1	3	0	0	0	0	4	8	0	12
23 Peace River	0	0	1	2	0	0	1	0	0	0	0	0	2	2	0	4
24 Powell River	0	0	1	2	0	1	0	1	0	0	0	0	1	4	2	7
25 Skeena-Queen Charlotte	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	2
26 Squamish-Lillooet	0	0	3	5	1	2	0	1	0	0	0	0	4	8	3	15
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	2	0	5	1	2	0	0	0	0	1	9	2	12
29 Thompson-Nicola	1	0	2	4	1	3	0	1	0	1	1	0	5	9	0	14
30 Fort Nelson/Liard	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Metropolitan - Subtotal	8	16	31	121	50	130	16	36	5	5	3	1	113	309	38	460
3 Capital	1	3	3	20	15	40	7	9	2	0	1	0	29	72	9	110
16 Greater Vancouver	7	13	28	101	35	90	9	27	3	5	2	1	84	237	29	350
TOTAL	10	23	52	175	82	200	27	51	10	12	4	1	185	462	58	705

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Table 3

Massage Practitioners (Full Registrants) in British Columbia
by Regional Hospital District by Employment Status
December 1992

Regional Hospital District	Employed in Massage Therapy					Employed in Other Field	Not Employed	Unknown	Total
	Full-Time	Part-Time	Casual/ Locum	Unknown	Subtotal				
Non-Metropolitan - Subtotal	**96**	**81**	**2**	**7**	**186**	**7**	**5**	**47**	**245**
1 Alberni-Clayoquot	1	0	0	0	1	0	0	0	1
2 Bulkley-Nechako	0	1	0	0	1	0	0	1	2
4 Cariboo	2	3	0	0	5	0	1	1	7
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	4	1	0	1	6	0	0	2	8
7 Central Kootenay	5	11	0	0	16	0	0	3	19
8 Central Okanagan	20	4	0	1	25	0	1	6	32
9 Columbia-Shuswap	7	4	0	0	11	0	0	0	11
10 Comox-Strathcona	4	11	0	1	16	0	0	6	22
11 Cowichan Valley	5	2	0	0	7	0	0	1	8
12 Dewdney-Alouette	3	3	0	0	6	0	1	2	9
13 East Kootenay	3	2	0	0	5	1	0	0	6
14 Fraser-Cheam	4	3	0	0	7	0	0	0	7
15 Fraser-Fort George	1	2	1	1	5	0	0	1	6
17 Kitimat-Stikine	0	0	0	0	0	0	0	2	2
18 Kootenay Boundary	4	1	0	0	5	1	0	0	6
19 Mount Waddington	1	0	0	0	1	0	0	0	1
20 Nanaimo	5	4	1	2	12	0	0	4	16
21 North Okanagan	4	6	0	0	10	1	0	4	15
22 Okanagan-Similkameen	6	2	0	0	8	1	0	3	12
23 Peace River	2	1	0	0	3	0	0	1	4
24 Powell River	2	0	0	0	2	3	0	2	7
25 Skeena-Queen Charlotte	0	1	0	0	1	0	0	1	2
26 Squamish-Lillooet	3	7	0	0	10	0	1	4	15
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	4	4	0	1	9	0	1	2	12
29 Thompson-Nicola	6	7	0	0	13	0	0	1	14
30 Fort Nelson/Liard	0	1	0	0	1	0	0	0	1
Metropolitan - Subtotal	**128**	**167**	**8**	**12**	**315**	**10**	**13**	**117**	**455**
3 Capital	31	46	1	7	85	3	1	20	109
16 Greater Vancouver	97	121	7	5	230	7	12	97	346
TOTAL	**224**	**248**	**10**	**19**	**501**	**17**	**18**	**164**	**700**

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Table 4

Massage Practitioners (Full Registrants) Employed in Massage Therapy in British Columbia by Regional Hospital District by Principal Employing Institution

December 1992

Regional Hospital District	Private Practice	Community Health/ Diagnostic & Treatment Centre[1]	University/ College	Other[2]	Unknown	Total
Non-Metropolitan - Subtotal	**166**	**1**	**1**	**10**	**8**	**186**
1 Alberni-Clayoquot	1	0	0	0	0	1
2 Bulkley-Nechako	0	0	0	1	0	1
4 Cariboo	5	0	0	0	0	5
5 Central Coast	0	0	0	0	0	0
6 Central Fraser Valley	6	0	0	0	0	6
7 Central Kootenay	15	0	0	0	1	16
8 Central Okanagan	23	0	0	1	1	25
9 Columbia-Shuswap	8	0	0	3	0	11
10 Comox-Strathcona	15	0	0	0	1	16
11 Cowichan Valley	6	0	0	1	0	7
12 Dewdney-Alouette	6	0	0	0	0	6
13 East Kootenay	5	0	0	0	0	5
14 Fraser-Cheam	6	0	0	1	0	7
15 Fraser-Fort George	4	0	0	0	1	5
17 Kitimat-Stikine	0	0	0	0	0	0
18 Kootenay Boundary	5	0	0	0	0	5
19 Mount Waddington	1	0	0	0	0	1
20 Nanaimo	11	0	0	0	1	12
21 North Okanagan	9	0	0	1	0	10
22 Okanagan-Similkameen	8	0	0	0	0	8
23 Peace River	2	0	0	0	1	3
24 Powell River	1	0	1	0	0	2
25 Skeena-Queen Charlotte	1	0	0	0	0	1
26 Squamish-Lillooet	7	0	0	2	1	10
27 Stikine	0	0	0	0	0	0
28 Sunshine Coast	8	0	0	0	1	9
29 Thompson-Nicola	12	1	0	0	0	13
30 Fort Nelson/Liard	1	0	0	0	0	1
Metropolitan - Subtotal	**285**	**4**	**2**	**9**	**15**	**315**
3 Capital	73	1	0	2	9	85
16 Greater Vancouver	212	3	2	7	6	230
TOTAL	**451**	**5**	**3**	**19**	**23**	**501**

[1] Includes 3 massage practitioners employed at community health centres and 2 at diagnostic and treatment centres.

[2] Includes 1 massage practitioner employed at a rehabilitation hospital, 2 in industry and 16 in other institutions/agencies.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 5

Massage Practitioners (Full Registrants) Employed in Massage Therapy in British Columbia by Regional Hospital District by Principal Employment Activity

December 1992

Regional Hospital District	General	Sports Medicine	Rehab-ilitation	Acute Care Specialties[1]	Palliative Chronic Care	Preventive/ Health Education	Other Patient Care	Admin-istration/ Teaching[2]	Other Non-Patient Care	Unknown	Total
Non-Metropolitan - Subtotal	**127**	**5**	**14**	**3**	**1**	**11**	**6**	**2**	**1**	**16**	**186**
1 Alberni-Clayoquot	0	0	0	0	0	1	0	0	0	0	1
2 Bulkley-Nechako	1	0	0	0	0	0	0	0	0	0	1
4 Cariboo	4	0	0	0	0	0	0	0	0	1	5
5 Central Coast	0	0	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	4	0	0	1	0	1	0	0	0	0	6
7 Central Kootenay	9	0	1	0	0	3	1	0	0	2	16
8 Central Okanagan	17	1	2	0	1	1	1	0	0	2	25
9 Columbia-Shuswap	5	2	3	0	0	0	0	0	1	0	11
10 Comox-Strathcona	11	0	1	1	0	1	1	0	0	1	16
11 Cowichan Valley	7	0	0	0	0	0	0	0	0	0	7
12 Dewdney-Alouette	6	0	0	0	0	0	0	0	0	0	6
13 East Kootenay	4	0	0	0	0	0	0	0	0	1	5
14 Fraser-Cheam	6	0	0	0	0	0	0	1	0	0	7
15 Fraser-Fort George	2	0	0	0	0	0	0	0	0	3	5
17 Kitimat-Stikine	0	0	0	0	0	0	0	0	0	0	0
18 Kootenay Boundary	5	0	0	0	0	0	0	0	0	0	5
19 Mount Waddington	1	0	0	0	0	0	0	0	0	0	1
20 Nanaimo	9	0	0	0	0	1	0	0	0	2	12
21 North Okanagan	8	0	2	0	0	0	0	0	0	0	10
22 Okanagan-Similkameen	7	0	0	1	0	0	0	0	0	0	8
23 Peace River	1	0	1	0	0	0	0	0	0	1	3
24 Powell River	1	0	0	0	0	1	0	0	0	0	2
25 Skeena-Queen Charlotte	1	0	0	0	0	0	0	0	0	0	1
26 Squamish-Lillooet	4	2	0	0	0	1	1	1	0	1	10
27 Stikine	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	5	0	0	0	0	1	1	0	0	2	9
29 Thompson-Nicola	8	0	4	0	0	0	1	0	0	0	13
30 Fort Nelson/Liard	1	0	0	0	0	0	0	0	0	0	1
Metropolitan - Subtotal	**188**	**9**	**42**	**3**	**5**	**20**	**5**	**2**	**1**	**40**	**315**
3 Capital	49	5	10	1	1	2	0	1	1	15	85
16 Greater Vancouver	139	4	32	2	4	18	5	1	0	25	230
TOTAL	**315**	**14**	**56**	**6**	**6**	**31**	**11**	**4**	**2**	**56**	**501**

[1] Includes 1 massage practitioner employed in orthopaedics, 1 in rheumatology, 2 in geriatrics and 2 in neurology.
[2] Includes 1 massage practitioner employed in administration and 3 in teaching.

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Table 6

Massage Practitioners (Full Registrants) Employed in Massage Therapy in British Columbia by Regional Hospital District by Principal Type of Position

December 1992

Regional Hospital District	Owner/ Partner-Private Practice	Associate-Private Practice	Staff Therapist	Sole Charge	Director	Other[1]	Unknown	Total
Non-Metropolitan - Subtotal	**117**	**35**	**7**	**12**	**2**	**3**	**10**	**186**
1 Alberni-Clayoquot	0	1	0	0	0	0	0	1
2 Bulkley-Nechako	1	0	0	0	0	0	0	1
4 Cariboo	3	1	0	1	0	0	0	5
5 Central Coast	0	0	0	0	0	0	0	0
6 Central Fraser Valley	5	0	0	1	0	0	0	6
7 Central Kootenay	12	1	0	2	0	0	1	16
8 Central Okanagan	20	3	1	0	0	0	1	25
9 Columbia-Shuswap	4	4	1	0	0	1	1	11
10 Comox-Strathcona	9	5	0	1	0	0	1	16
11 Cowichan Valley	6	0	1	0	0	0	0	7
12 Dewdney-Alouette	3	2	0	0	0	0	1	6
13 East Kootenay	4	1	0	0	0	0	0	5
14 Fraser-Cheam	4	1	1	0	1	0	0	7
15 Fraser-Fort George	3	1	0	0	0	0	1	5
17 Kitimat-Stikine	0	0	0	0	0	0	0	0
18 Kootenay Boundary	4	0	1	0	0	0	0	5
19 Mount Waddington	0	0	0	1	0	0	0	1
20 Nanaimo	8	2	0	0	0	1	1	12
21 North Okanagan	4	5	0	1	0	0	0	10
22 Okanagan-Similkameen	5	1	0	2	0	0	0	8
23 Peace River	1	1	0	0	0	0	1	3
24 Powell River	1	0	0	0	1	0	0	2
25 Skeena-Queen Charlotte	0	1	0	0	0	0	0	1
26 Squamish-Lillooet	6	1	2	0	0	1	0	10
27 Stikine	0	0	0	0	0	0	0	0
28 Sunshine Coast	6	1	0	0	0	0	2	9
29 Thompson-Nicola	7	3	0	3	0	0	0	13
30 Fort Nelson/Liard	1	0	0	0	0	0	0	1
Metropolitan - Subtotal	**167**	**89**	**24**	**13**	**2**	**4**	**16**	**315**
3 Capital	53	16	3	5	0	1	7	85
16 Greater Vancouver	114	73	21	8	2	3	9	230
TOTAL	**284**	**124**	**31**	**25**	**4**	**7**	**26**	**501**

[1] Includes 1 massage practitioner employed as a program co-ordinator, 2 as senior therapists, 1 as a research therapist and 3 others.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 7

Analysis of Change in the Number of Massage Practitioners (Full Registrants) in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Unknown	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	**205**	**14**	**8**	**1**	**23**	**8**	**9**	**18**	**245**
1 Alberni-Clayoquot	1	0	0	0	0	1	0	-1	1
2 Bulkley-Nechako	3	0	0	0	0	0	0	-1	2
4 Cariboo	7	0	1	0	1	0	1	0	7
5 Central Coast	0	0	0	0	0	0	0	0	0
6 Central Fraser Valley	8	1	0	0	1	0	0	-1	8
7 Central Kootenay	16	1	0	0	1	2	0	0	19
8 Central Okanagan	23	3	1	0	4	1	0	4	32
9 Columbia-Shuswap	9	0	0	0	0	0	0	2	11
10 Comox-Strathcona	18	1	0	1	2	1	0	1	22
11 Cowichan Valley	7	0	0	0	0	0	0	1	8
12 Dewdney-Alouette	9	1	0	0	1	0	1	0	9
13 East Kootenay	7	0	0	0	0	0	0	-1	6
14 Fraser-Cheam	7	0	0	0	0	0	1	1	7
15 Fraser-Fort George	4	1	0	0	1	0	0	1	6
17 Kitimat-Stikine	1	1	0	0	1	0	0	0	2
18 Kootenay Boundary	5	0	0	0	0	0	1	2	6
19 Mount Waddington	1	0	0	0	0	0	0	0	1
20 Nanaimo	14	1	1	0	2	1	2	1	16
21 North Okanagan	10	2	1	0	3	0	0	2	15
22 Okanagan-Similkameen	10	1	2	0	3	0	1	0	12
23 Peace River	2	0	0	0	0	0	0	2	4
24 Powell River	5	0	0	0	0	1	0	1	7
25 Skeena-Queen Charlotte	1	1	0	0	1	0	0	0	2
26 Squamish-Lillooet	15	0	0	0	0	0	0	0	15
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	10	0	1	0	1	0	2	3	12
29 Thompson-Nicola	11	0	1	0	1	1	0	1	14
30 Fort Nelson/Liard	1	0	0	0	0	0	0	0	1
Metropolitan - Subtotal	**411**	**56**	**11**	**4**	**71**	**12**	**21**	**-18**	**455**
3 Capital	96	3	5	1	9	7	4	1	109
16 Greater Vancouver	315	53	6	3	62	5	17	-19	346
TOTAL	**616**	**70**	**19**	**5**	**94**	**20**	**30**	**0**	**700**

[1] Massage practitioners who reported B.C. addresses and were full registrants in December 1992 and whose date of initial registration was after December 1991.

[2] Massage practitioners who reported B.C. addresses and were full registrants in December 1992 but not in December 1991 and who were registered for the first time before December 1991.

[3] Massage practitioners who reported B.C. addresses and were full registrants in December 1991 but not in December 1992.

Prepared by:
Health Human Resources Unit
The University of British Columbia

OCCUPATIONAL THERAPISTS

OCCUPATIONAL THERAPISTS

Definition: An occupational therapist

plans and carries out treatment programs based on activities such as work, education and recreation to rehabilitate physically and mentally disabled persons.

Administers tests and observes to assess emotional, mental and physical capacities of patients. Plans and directs programs in manual and creative arts, industrial and vocational skills, recreational activities, remedial games, cultural and educational interests, and play activities for children. Conducts group programs to assist patients in building self-confidence and in adjusting to family and community. Trains handicapped patients in self-care and daily living activities. Advises and instructs patients on specially-adapted household equipment and furnishings. Assesses patients' vocational potential and provides work adjustment and actual work experience. Participates in testing and training of patients with perceptual motor problems, and provides training for children with learning disabilities. Records patients' activities, response and progress. Attends meetings of rehabilitation team, and seminars, workshops and courses on occupational therapy. Supervises and instructs occupational therapy students and auxiliary personnel assigned to department.[1]

Governing Statute: None.

Governing Body: None. Compulsory registration and/or licensure do not exist. Membership in the British Columbia Society of Occupational Therapists (BCSOT) is voluntary. However, registered members of the BCSOT have exclusive use of the titles: *Registered Occupational Therapist, (B.C.), Registered OT, (B.C.).* Occupational therapists who have graduated from a dual program in occupational therapy and physiotherapy may be registered with the Association of Physiotherapists and Massage Practitioners of British Columbia.

Date of Record: December 1991 and December 1992.

Source of Data: British Columbia Society of Occupational Therapists (BCSOT).

Preparation and Updating:

The tables, prepared from registration data maintained by the BCSOT, include BCSOT members who were British Columbia residents at the date of record. Occupational therapists who also are registered with the Association of Physiotherapists and Massage Practitioners of British Columbia are included in both the occupational therapy and physiotherapy sections of *UPDATE 92*.

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[1] *Canadian Classification and Dictionary of Occupations 1980.*
Major Group 31, No. 3137-118, p. 55, Ottawa: Employment and Immigration Canada.

Definition of Terms:

1. Membership Category

Occupational therapists who hold practising memberships in the British Columbia Society of Occupational Therapists may be registered as Full-Time, Part-Time, or Provisional members. Occupational therapists who register as Provisional generally have met the educational and competency requirements of Full-Time or Part-Time membership, but have not completed the national certification exam of the Canadian Association of Occupational Therapists. Table 1a reports occupational therapists who were members of the BCSOT in 1992 using the following membership categories:

(a) Registered - Full-Time
(b) Registered - Part-Time
(c) Provisional
(d) Non-Practising

Table 1b reports the number of occupational therapists per 10,000 population by their membership category. Annual rates of change for each membership category are described in Table 1c.

2. Age and Sex

Age and sex information on occupational therapists who were members of the BCSOT in 1992 is shown in Table 2. Age information in the table is grouped according to adaptations of standard age categories developed and used by Statistics Canada.

3. Employment Status

Table 3 displays the employment status of occupational therapists in 1992 as reported on their BCSOT registration form. The following categories are used:

(a) Employed in Occupational Therapy

- Full-Time
- Part-Time
- Casual/Locum
- Employed in Occupational Therapy - status unknown

(b) Employed in Other Field
(c) Not Employed
(d) On Leave

4. Principal Employer

Type of principal employer, as reported by Registered and Provisional members of the BCSOT who were employed in occupational therapy in 1992, is presented in Table 4. The following categories are used:

(a) Acute Care Hospital
(b) Paediatric Hospital
(c) Rehabilitation Hospital
(d) Psychiatric Hospital
(e) Long Term Care
(f) Public Community Health Agency
(j) Children's Treatment/Outpatient Centre
(k) Workers' Compensation Board
(l) Voluntary/Non-Profit Agency
(m) School Board/University/College
(n) Private Practice
(o) Other

5. Principal Area of Service

Principal area of service, as reported by Registered and Provisional members of the BCSOT who were employed in occupational therapy in 1992, is presented in Table 5. The following categories are used:

(a) Acute Care - Inpatient
(b) Extended Care - Inpatient
(c) Psychiatry - Inpatient
(d) Psychiatry - Outpatient
(e) Rehabilitation - Inpatient
(f) Rehabilitation - Outpatient
(g) General - Outpatient
(h) Administration
(i) Research/Teaching
(j) Home Care
(k) Vocational Rehabilitation
(l) Other

6. Principal Position

Table 6 shows type of principal position, as reported by Registered and Provisional BCSOT members who were employed in occupational therapy in 1992. The following categories are used:

(a) Staff Therapist
(b) Senior Therapist
(c) Sole Charge
(d) Department Head/Assistant Department Head
(e) Clinical Coordinator
(f) Program Coordinator/Director
(g) Faculty Position/Researcher
(h) Consultant
(i) Clinical Specialist
(j) Other

7. Analysis of Change

Table 7 illustrates sources of change which affected the stock of occupational therapists who were Registered and Provisional members of the British Columbia Society of Occupational Therapists from 1991 to 1992.

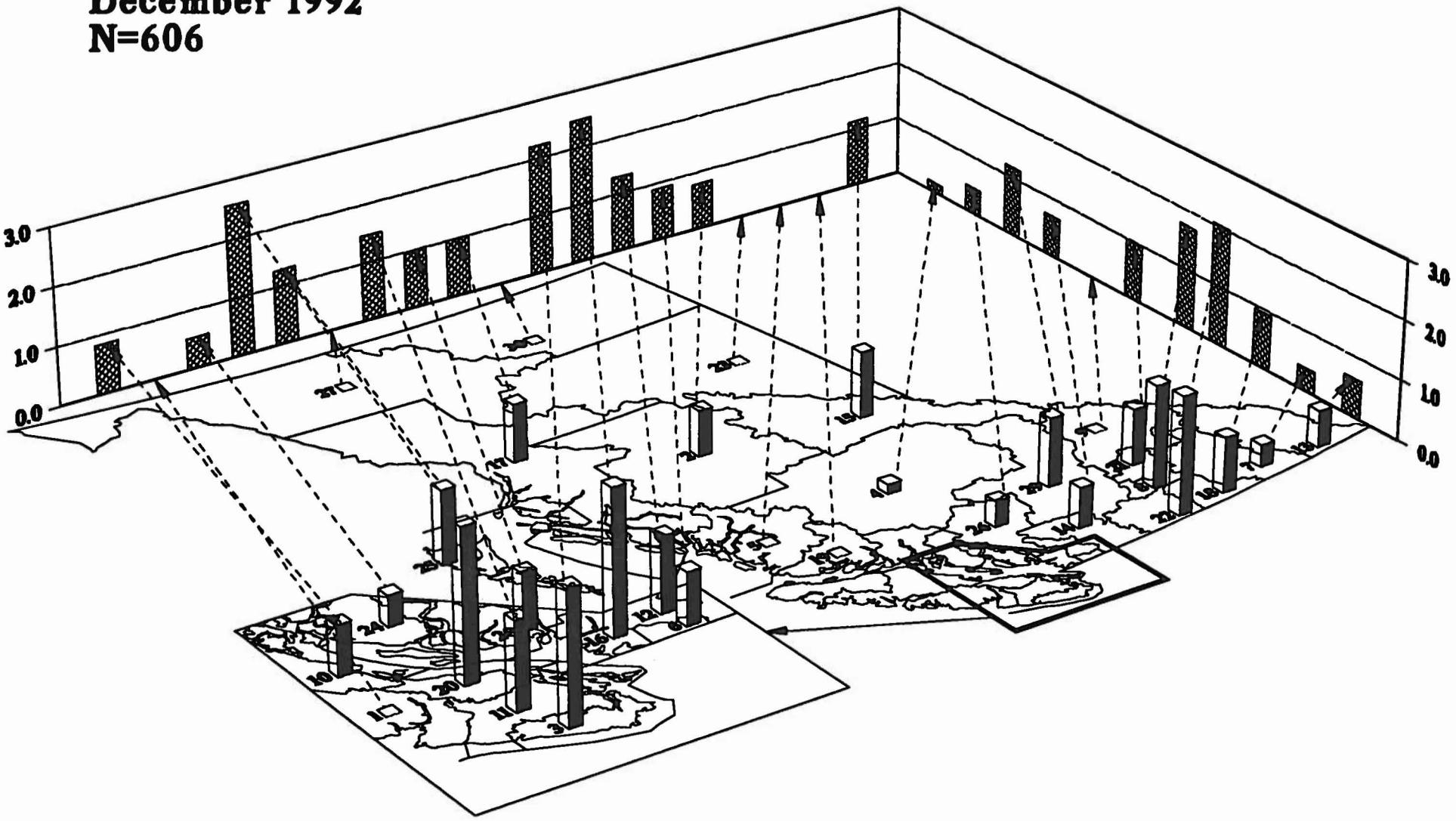
New registrants include occupational therapists who were Registered or Provisional members of the BCSOT as of December 1992 and who registered with the BCSOT *for the first time* subsequent to December 1991. They are reported in the table according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent occupational therapists who were neither Registered nor Provisional members of the BCSOT in December 1991, but who were Registered or Provisional members in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are Registered and Provisional members of the BCSOT who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes occupational therapists who were Registered or Provisional members of the BCSOT who were included in the 1991 stock of occupational therapists, but who, because of death, retirement, out-of-province relocation, or non-renewal of Registered or Provisional membership, were not included in the 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of occupational therapists who were Registered and Provisional members of the BCSOT among different Regional Hospital Districts. The net migration total is therefore zero.

Occupational Therapists (Registered and Provisional Members)
per 10,000 Population
by Regional Hospital District
December 1992
N=606



6. Principal Type of Position

Principal type of position as reported on the APMPBC registration renewal form for physiotherapists employed in physiotherapy is reported in Table 6 using the following categories:

(a) Staff Therapist
(b) Sole Charge
(c) Program Co-ordinator
(d) Senior Therapist
(e) Director
(f) Assistant Director
(g) Consultant
(h) Owner/Partner - Private Practice
(i) Associate - Private Practice
(j) Other

Other includes physiotherapists employed as clinical instructors, research therapists, and in other unspecified positions.

7. Analysis of Change

Table 7 illustrates sources of change which affected the stock of practising physiotherapists from 1991 to 1992.

New registrants include physiotherapists who were Full or Temporary Registrants as of December 1992 and who registered with the APMPBC *for the first time* subsequent to December 1991. New registrants are recorded according to their place of graduation, i.e., from British Columbia, Other Canada, or Other Country. Excluded from the table are new registrants who reported out-of-province addresses.

Reactivations represent physiotherapists who were neither Full nor Temporary registrants with the APMPBC in December 1991, but were Full or Practising registrants in the province in December 1992, and whose date of initial registration was before December 1991. Also included as reactivations are Full and Temporary registrants of the APMPBC who reported out-of-province addresses in December 1991, but who reported British Columbia addresses in December 1992.

Attrition describes physiotherapists who were Full or Temporary registrants in the APMPBC and were included in the 1991 physiotherapist stock, but who, because of death, retirement, out-of-province relocation, or non-renewal of active registration, were not included in the 1992 stock.

Net Intraprovincial Migration describes the net effect of intraprovincial migration; it records the flow of physiotherapists among different Regional Hospital Districts. The net migration total is therefore zero.

Full and Temporary Physiotherapists per 10,000 Population by Regional Hospital District December 1992 N=1873

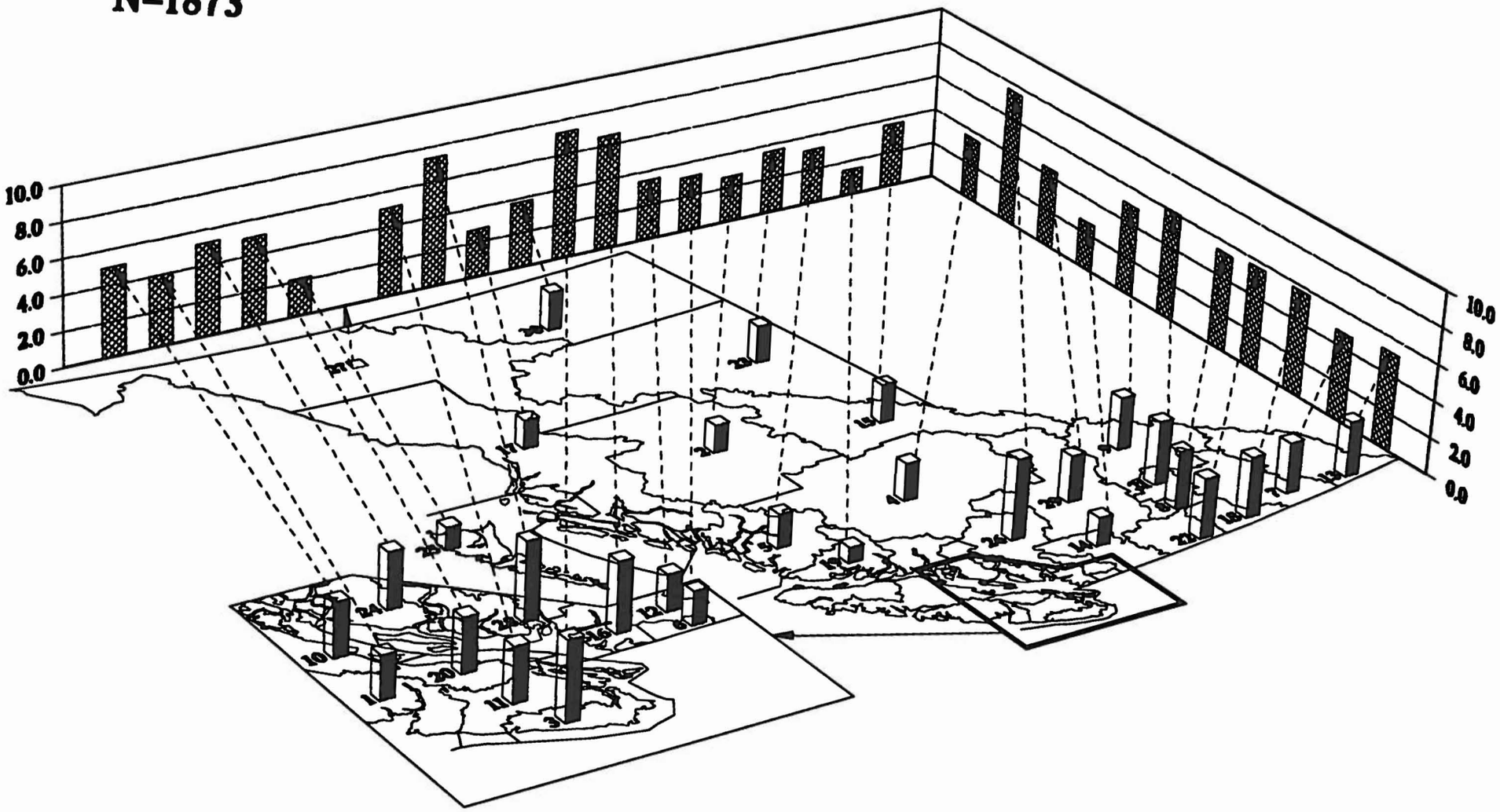


Table 1a

Physiotherapists in British Columbia
by Regional Hospital District by Registration Category
December 1991 and December 1992

Regional Hospital District	Full Registrants Part I 1991	Full Registrants Part I 1992	Full Registrants Part II 1991	Full Registrants Part II 1992	Temporary Registrants 1991	Temporary Registrants 1992	Subtotal 1991	Subtotal 1992	Inactive Registrants 1991	Inactive Registrants 1992	Total 1991	Total 1992
Non-Metropolitan - Subtotal	**378**	**374**	**173**	**234**	**46**	**24**	**597**	**632**	**13**	**10**	**610**	**642**
1 Alberni-Clayoquot	5	5	5	7	2	0	12	12	0	1	12	13
2 Bulkley-Nechako	7	5	2	4	2	1	11	10	0	0	11	10
4 Cariboo	13	15	3	4	4	2	20	21	0	0	20	21
5 Central Coast	1	1	0	0	0	0	1	1	0	0	1	1
6 Central Fraser Valley	16	17	10	9	3	2	29	28	0	0	29	28
7 Central Kootenay	17	17	8	8	1	0	26	25	0	0	26	25
8 Central Okanagan	39	39	17	23	3	0	59	62	1	0	60	62
9 Columbia-Shuswap	9	13	7	8	1	0	17	21	0	0	17	21
10 Comox-Strathcona	22	23	14	17	1	2	37	42	1	0	38	42
11 Cowichan Valley	13	13	14	16	3	2	30	31	1	1	31	32
12 Dewdney-Alouette	19	23	7	9	1	0	27	32	1	0	28	32
13 East Kootenay	17	19	3	5	1	1	21	25	0	0	21	25
14 Fraser-Cheam	12	13	2	5	2	1	16	19	0	1	16	20
15 Fraser-Fort George	17	17	8	14	2	1	27	32	3	3	30	35
17 Kitimat-Stikine	9	8	0	3	0	0	9	11	1	0	10	11
18 Kootenay Boundary	16	16	2	2	3	0	21	18	0	2	21	20
19 Mount Waddington	0	1	1	1	0	0	1	2	0	0	1	2
20 Nanaimo	32	32	15	18	1	1	48	51	1	0	49	51
21 North Okanagan	24	23	10	12	1	2	35	37	1	0	36	37
22 Okanagan-Similkameen	21	17	17	21	2	1	40	39	0	0	40	39
23 Peace River	11	8	2	5	7	6	20	19	1	2	21	21
24 Powell River	7	6	3	3	0	1	10	10	1	0	11	10
25 Skeena-Queen Charlotte	5	5	0	0	0	0	5	5	0	0	5	5
26 Squamish-Lillooet	3	2	13	14	0	1	16	17	1	0	17	17
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	10	8	1	7	3	0	14	15	0	0	14	15
29 Thompson-Nicola	33	27	9	18	3	0	45	45	0	0	45	45
30 Fort Nelson/Liard	0	1	0	1	0	0	0	2	0	0	0	2
Metropolitan - Subtotal	**812**	**768**	**350**	**431**	**51**	**42**	**1,213**	**1,241**	**39**	**35**	**1,252**	**1,276**
3 Capital	136	131	69	88	3	3	208	222	5	4	213	226
16 Greater Vancouver	676	637	281	343	48	39	1,005	1,019	34	31	1,039	1,050
TOTAL	**1,190**	**1,142**	**523**	**665**	**97**	**66**	**1,810**	**1,873**	**52**	**45**	**1,862**	**1,918**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1b

Physiotherapists in British Columbia

per 10,000 Population by Regional Hospital District by Registration Category

December 1991 and December 1992

Regional Hospital District	Full Registrants Part I 1991	Full Registrants Part I 1992	Full Registrants Part II 1991	Full Registrants Part II 1992	Temporary Registrants 1991	Temporary Registrants 1992	Subtotal 1991	Subtotal 1992	Inactive Registrants 1991	Inactive Registrants 1992	Total 1991	Total 1992
Non-Metropolitan - Subtotal	**2.70**	**2.61**	**1.24**	**1.63**	**0.33**	**0.17**	**4.27**	**4.41**	**0.09**	**0.07**	**4.36**	**4.48**
1 Alberni-Clayoquot	1.66	1.67	1.66	2.34	0.66	0.00	3.97	4.02	0.00	0.33	3.97	4.35
2 Bulkley-Nechako	1.87	1.32	0.53	1.06	0.53	0.26	2.94	2.65	0.00	0.00	2.94	2.65
4 Cariboo	2.23	2.55	0.51	0.68	0.69	0.34	3.43	3.57	0.00	0.00	3.43	3.57
5 Central Coast	3.18	3.17	0.00	0.00	0.00	0.00	3.18	3.17	0.00	0.00	3.18	3.17
6 Central Fraser Valley	1.89	1.91	1.18	1.01	0.36	0.22	3.43	3.15	0.00	0.00	3.43	3.15
7 Central Kootenay	3.33	3.27	1.57	1.54	0.20	0.00	5.10	4.80	0.00	0.00	5.10	4.80
8 Central Okanagan	3.57	3.39	1.56	2.00	0.27	0.00	5.40	5.40	0.09	0.00	5.49	5.40
9 Columbia-Shuswap	2.18	3.10	1.69	1.91	0.24	0.00	4.11	5.01	0.00	0.00	4.11	5.01
10 Comox-Strathcona	2.70	2.74	1.72	2.03	0.12	0.24	4.54	5.01	0.12	0.00	4.66	5.01
11 Cowichan Valley	2.19	2.12	2.36	2.61	0.50	0.33	5.05	5.06	0.17	0.16	5.22	5.22
12 Dewdney-Alouette	2.13	2.48	0.78	0.97	0.11	0.00	3.03	3.45	0.11	0.00	3.14	3.45
13 East Kootenay	3.51	3.97	0.62	1.04	0.21	0.21	4.34	5.22	0.00	0.00	4.34	5.22
14 Fraser-Cheam	1.74	1.83	0.29	0.70	0.29	0.14	2.32	2.67	0.00	0.14	2.32	2.81
15 Fraser-Fort George	1.98	1.96	0.93	1.61	0.23	0.12	3.14	3.68	0.35	0.35	3.49	4.03
17 Kitimat-Stikine	2.28	2.00	0.00	0.75	0.00	0.00	2.28	2.75	0.25	0.00	2.53	2.75
18 Kootenay Boundary	5.16	5.08	0.64	0.64	0.97	0.00	6.77	5.72	0.00	0.64	6.77	6.35
19 Mount Waddington	0.00	0.74	0.73	0.74	0.00	0.00	0.73	1.48	0.00	0.00	0.73	1.48
20 Nanaimo	3.29	3.16	1.54	1.78	0.10	0.10	4.93	5.04	0.10	0.00	5.03	5.04
21 North Okanagan	4.01	3.73	1.67	1.95	0.17	0.32	5.85	6.01	0.17	0.00	6.02	6.01
22 Okanagan-Similkameen	3.16	2.46	2.56	3.04	0.30	0.14	6.02	5.65	0.00	0.00	6.02	5.65
23 Peace River	2.14	1.52	0.39	0.95	1.36	1.14	3.88	3.61	0.19	0.38	4.08	3.99
24 Powell River	3.74	3.16	1.60	1.58	0.00	0.53	5.35	5.27	0.53	0.00	5.88	5.27
25 Skeena-Queen Charlotte	2.15	2.13	0.00	0.00	0.00	0.00	2.15	2.13	0.00	0.00	2.15	2.13
26 Squamish-Lillooet	1.36	0.89	5.90	6.24	0.00	0.45	7.27	7.58	0.45	0.00	7.72	7.58
27 Stikine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28 Sunshine Coast	4.99	3.93	0.50	3.44	1.50	0.00	6.98	7.37	0.00	0.00	6.98	7.37
29 Thompson-Nicola	3.29	2.65	0.90	1.77	0.30	0.00	4.48	4.42	0.00	0.00	4.48	4.42
30 Fort Nelson/Liard	0.00	1.89	0.00	1.89	0.00	0.00	0.00	3.78	0.00	0.00	0.00	3.78
Metropolitan - Subtotal	**4.48**	**4.13**	**1.93**	**2.32**	**0.28**	**0.23**	**6.69**	**6.68**	**0.21**	**0.19**	**6.90**	**6.87**
3 Capital	4.56	4.30	2.32	2.89	0.10	0.10	6.98	7.29	0.17	0.13	7.15	7.42
16 Greater Vancouver	4.46	4.10	1.85	2.21	0.32	0.25	6.63	6.56	0.22	0.20	6.85	6.76
TOTAL	**3.70**	**3.47**	**1.63**	**2.02**	**0.30**	**0.20**	**5.63**	**5.69**	**0.16**	**0.14**	**5.79**	**5.82**

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change: Physiotherapists in British Columbia

by Regional Hospital District by Registration Category

December 1991 to December 1992

Regional Hospital District	Full Registrants				Temporary Registrants		Subtotal		Inactive Registrants		Total	
	Part I		Part II									
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	-1.06	-3.49	35.26	31.94	-47.83	-49.11	5.86	3.26	-23.08	-24.97	5.25	2.66
1 Alberni-Clayoquot	*	*	*	*	*	*	0.00	1.19	*	*	8.33	9.62
2 Bulkley-Nechako	*	*	*	*	*	*	-9.09	-9.93	*	*	-9.09	-9.93
4 Cariboo	15.38	14.40	*	*	*	*	5.00	4.11	*	*	5.00	4.11
5 Central Coast	*	*	*	*	*	*	*	*	*	*	*	*
6 Central Fraser Valley	6.25	1.00	-10.00	-14.45	*	*	-3.45	-8.22	*	*	-3.45	-8.22
7 Central Kootenay	0.00	-2.05	*	*	*	*	-3.85	-5.81	*	*	-3.85	-5.81
8 Central Okanagan	0.00	-4.95	35.29	28.60	*	*	5.08	-0.11	*	*	3.33	-1.78
9 Columbia-Shuswap	*	*	*	*	*	*	23.53	21.93	*	*	23.53	21.93
10 Comox-Strathcona	4.55	1.76	21.43	18.19	*	*	13.51	10.49	*	*	10.53	7.58
11 Cowichan Valley	0.00	-3.04	14.29	10.81	*	*	3.33	0.19	*	*	3.23	0.09
12 Dewdney-Alouette	21.05	16.58	*	*	*	*	18.52	14.14	*	*	14.29	10.06
13 East Kootenay	11.76	12.98	*	*	*	*	19.05	20.34	*	*	19.05	20.34
14 Fraser-Cheam	8.33	4.80	*	*	*	*	18.75	14.88	*	*	25.00	20.93
15 Fraser-Fort George	0.00	-0.95	*	*	*	*	18.52	17.40	*	*	16.67	15.56
17 Kitimat-Stikine	*	*	*	*	*	*	*	*	*	*	10.00	8.81
18 Kootenay Boundary	0.00	-1.44	*	*	*	*	-14.29	-15.52	*	*	-4.76	-6.13
19 Mount Waddington	*	*	*	*	*	*	*	*	*	*	*	*
20 Nanaimo	0.00	-3.84	20.00	15.39	*	*	6.25	2.17	*	*	4.08	0.08
21 North Okanagan	-4.17	-6.94	20.00	16.52	*	*	5.71	2.65	*	*	2.78	-0.20
22 Okanagan-Similkameen	-19.05	-22.06	23.53	18.94	*	*	-2.50	-6.12	*	*	-2.50	-6.12
23 Peace River	-27.27	-28.87	*	*	*	*	-5.00	-7.08	*	*	0.00	-2.19
24 Powell River	*	*	*	*	*	*	0.00	-1.37	*	*	-9.09	-10.33
25 Skeena-Queen Charlotte	*	*	*	*	*	*	*	*	*	*	*	*
26 Squamish-Lillooet	*	*	7.69	5.68	*	*	6.25	4.27	*	*	0.00	-1.87
27 Stikine	*	*	*	*	*	*	*	*	*	*	*	*
28 Sunshine Coast	-20.00	-21.16	*	*	*	*	7.14	5.59	*	*	7.14	5.59
29 Thompson-Nicola	-18.18	-19.25	*	*	*	*	0.00	-1.30	*	*	0.00	-1.30
30 Fort Nelson/Liard	*	*	*	*	*	*	*	*	*	*	*	*
Metropolitan - Subtotal	-5.42	-7.68	23.14	20.20	-17.65	-19.61	2.31	-0.13	-10.26	-12.40	1.92	-0.52
3 Capital	-3.68	-5.74	27.54	24.80	*	*	6.73	4.44	*	*	6.10	3.83
16 Greater Vancouver	-5.77	-8.06	22.06	19.09	-18.75	-20.73	1.39	-1.07	-8.82	-11.04	1.06	-1.40
TOTAL	-4.03	-6.35	27.15	24.08	-31.96	-33.60	3.48	0.98	-13.46	-15.55	3.01	0.52

[1] Rate of change (in percent) in the number.

[2] Rate of change (in percent) in the number per 10,000 population.

* Indicates that the base for the rate of change is less than 10.

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Table 2

Physiotherapists in British Columbia
by Regional Hospital District by Age and Sex
December 1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Unknown	Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Non-Metropolitan - Subtotal	1	19	36	143	35	208	18	117	7	19	2	7	99	513	30	642
1 Alberni-Clayoquot	0	2	0	3	1	1	0	5	0	1	0	0	1	12	0	13
2 Bulkley-Nechako	0	0	2	3	0	3	0	0	0	1	0	0	2	7	1	10
4 Cariboo	0	1	1	5	1	9	0	2	0	0	0	0	2	17	2	21
5 Central Coast	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
6 Central Fraser Valley	0	0	1	6	1	11	1	4	1	2	0	0	4	23	1	28
7 Central Kootenay	0	0	0	11	1	7	1	4	0	0	0	1	2	23	0	25
8 Central Okanagan	0	2	6	12	4	20	2	9	2	1	1	0	15	44	3	62
9 Columbia-Shuswap	0	1	0	6	1	9	0	4	0	0	0	0	1	20	0	21
10 Comox-Strathcona	0	0	3	8	4	17	0	6	1	1	0	0	8	32	2	42
11 Cowichan Valley	0	2	1	4	0	16	1	3	1	1	1	0	4	26	2	32
12 Dewdney-Alouette	0	1	2	6	0	13	1	6	0	2	0	1	3	29	0	32
13 East Kootenay	0	2	2	6	1	6	1	6	0	0	0	0	4	20	1	25
14 Fraser-Cheam	0	0	3	5	1	5	1	4	0	0	0	0	5	14	1	20
15 Fraser-Fort George	0	2	4	6	0	13	0	6	0	0	0	0	4	27	4	35
17 Kitimat-Stikine	0	1	0	3	0	4	0	2	0	1	0	0	0	11	0	11
18 Kootenay Boundary	0	0	0	4	4	5	0	3	0	1	0	0	4	13	3	20
19 Mount Waddington	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	2
20 Nanaimo	0	2	1	7	2	16	3	13	1	1	0	1	7	40	4	51
21 North Okanagan	1	0	1	5	4	11	3	8	0	2	0	1	9	27	1	37
22 Okanagan-Similkameen	0	0	2	9	2	15	1	6	1	2	0	0	6	32	1	39
23 Peace River	0	1	3	10	0	5	0	1	0	1	0	0	3	18	0	21
24 Powell River	0	0	1	3	1	1	0	2	0	1	0	1	2	8	0	10
25 Skeena-Queen Charlotte	0	0	0	0	0	2	0	3	0	0	0	0	0	5	0	5
26 Squamish-Lillooet	0	1	0	9	0	1	1	4	0	0	0	0	1	15	1	17
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	2	2	0	3	0	5	0	0	0	2	2	12	1	15
29 Thompson-Nicola	0	1	1	9	7	13	2	11	0	1	0	0	10	35	0	45
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Metropolitan - Subtotal	4	44	66	329	58	377	23	219	14	64	3	10	168	1,043	65	1,276
3 Capital	0	3	7	49	9	69	6	47	5	19	0	1	27	188	11	226
16 Greater Vancouver	4	41	59	280	49	308	17	172	9	45	3	9	141	855	54	1,050
TOTAL	5	63	102	472	93	585	41	336	21	83	5	17	267	1,556	95	1,918

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Table 3

Full and Temporary Physiotherapists in British Columbia
by Regional Hospital District by Employment Status
December 1992

Regional Hospital District	Employed in Physiotherapy[1]					Employed in Other Field	Not Employed	Unknown	Total
	Full-Time	Part-Time	Casual/ Locum	Unknown	Subtotal				
Non-Metropolitan - Subtotal	**315**	**170**	**41**	**2**	**528**	**6**	**21**	**77**	**632**
1 Alberni-Clayoquot	8	1	1	0	10	0	1	1	12
2 Bulkley-Nechako	5	1	1	0	7	1	0	2	10
4 Cariboo	9	6	1	0	16	0	0	5	21
5 Central Coast	0	1	0	0	1	0	0	0	1
6 Central Fraser Valley	19	6	1	0	26	1	0	1	28
7 Central Kootenay	9	9	2	0	20	1	1	3	25
8 Central Okanagan	37	11	6	0	54	0	2	6	62
9 Columbia-Shuswap	7	7	3	0	17	0	1	3	21
10 Comox-Strathcona	20	8	5	0	33	0	1	8	42
11 Cowichan Valley	19	5	0	0	24	0	2	5	31
12 Dewdney-Alouette	21	6	3	0	30	0	0	2	32
13 East Kootenay	9	6	1	0	16	0	2	7	25
14 Fraser-Cheam	12	2	1	0	15	0	1	3	19
15 Fraser-Fort George	12	9	2	1	24	0	1	7	32
17 Kitimat-Stikine	4	5	1	0	10	0	0	1	11
18 Kootenay Boundary	8	8	0	0	16	0	0	2	18
19 Mount Waddington	0	0	0	0	0	0	1	1	2
20 Nanaimo	25	14	1	0	40	0	4	7	51
21 North Okanagan	19	12	1	0	32	1	3	1	37
22 Okanagan-Similkameen	18	14	4	1	37	1	0	1	39
23 Peace River	10	5	1	0	16	1	0	2	19
24 Powell River	5	4	1	0	10	0	0	0	10
25 Skeena-Queen Charlotte	1	4	0	0	5	0	0	0	5
26 Squamish-Lillooet	8	6	0	0	14	0	0	3	17
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	5	6	0	0	11	0	1	3	15
29 Thompson-Nicola	25	14	5	0	44	0	0	1	45
30 Fort Nelson/Liard	0	0	0	0	0	0	0	2	2
Metropolitan - Subtotal	**607**	**315**	**96**	**12**	**1,030**	**26**	**33**	**152**	**1,241**
3 Capital	104	64	18	0	186	6	5	25	222
16 Greater Vancouver	503	251	78	12	844	20	28	127	1,019
TOTAL	**922**	**485**	**137**	**14**	**1,558**	**32**	**54**	**229**	**1,873**

[1] Includes 60 physiotherapists who are employed in combined physio/occupational therapy.

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Table 4

Full and Temporary Physiotherapists Employed in Physiotherapy in British Columbia by Regional Hospital District by Principal Employing Institution

December 1992

Regional Hospital District	Acute Care Hospital	Workers' Compensation Board	Children's Hospital	Community Health Centre	Non-Profit Agency	Diagnostic & Treatment Centre	Continuing Care	Extended Care
Non-Metropolitan - Subtotal	**239**	**0**	**1**	**16**	**16**	**9**	**16**	**15**
1 Alberni-Clayoquot	4	0	0	1	1	0	0	0
2 Bulkley-Nechako	2	0	0	1	0	1	0	0
4 Cariboo	8	0	0	0	1	0	0	1
5 Central Coast	1	0	0	0	0	0	0	0
6 Central Fraser Valley	6	0	0	1	1	1	1	0
7 Central Kootenay	13	0	0	0	1	0	1	1
8 Central Okanagan	24	0	0	0	1	0	1	2
9 Columbia-Shuswap	11	0	0	0	0	0	0	1
10 Comox-Strathcona	12	0	0	2	1	3	1	0
11 Cowichan Valley	8	0	0	3	1	0	0	0
12 Dewdney-Alouette	12	0	1	0	0	0	0	1
13 East Kootenay	11	0	0	0	1	1	1	0
14 Fraser-Cheam	5	0	0	0	1	0	1	0
15 Fraser-Fort George	10	0	0	1	1	0	0	1
17 Kitimat-Stikine	7	0	0	0	0	0	0	0
18 Kootenay Boundary	10	0	0	0	1	0	0	0
19 Mount Waddington	0	0	0	0	0	0	0	0
20 Nanaimo	17	0	0	0	0	0	2	3
21 North Okanagan	16	0	0	3	1	0	1	3
22 Okanagan-Similkameen	14	0	0	1	3	1	2	1
23 Peace River	10	0	0	0	0	1	2	0
24 Powell River	5	0	0	1	0	0	0	0
25 Skeena-Queen Charlotte	3	0	0	0	0	0	0	0
26 Squamish-Lillooet	2	0	0	0	0	1	1	0
27 Stikine	0	0	0	0	0	0	0	0
28 Sunshine Coast	3	0	0	1	1	0	1	0
29 Thompson-Nicola	25	0	0	1	0	0	1	1
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**324**	**39**	**41**	**17**	**31**	**11**	**53**	**33**
3 Capital	54	0	10	7	8	3	14	10
16 Greater Vancouver	270	39	31	10	23	8	39	23
TOTAL	**563**	**39**	**42**	**33**	**47**	**20**	**69**	**48**

... continued

Table 4 (continued)

Full and Temporary Physiotherapists Employed in Physiotherapy in British Columbia by Regional Hospital District by Principal Employing Institution

December 1992

Regional Hospital District	Rehab-ilitation Hospital	School Board	University/ College	Private Practice	Child Development Centre	Other[1]	Unknown	Total
Non-Metropolitan - Subtotal	**4**	**10**	**1**	**174**	**17**	**6**	**4**	**528**
1 Alberni-Clayquot	0	0	0	4	0	0	0	10
2 Bulkley-Nechako	0	0	0	2	0	1	0	7
4 Cariboo	0	0	0	5	1	0	0	16
5 Central Coast	0	0	0	0	0	0	0	1
6 Central Fraser Valley	0	0	0	15	1	0	0	26
7 Central Kootenay	0	0	0	4	0	0	0	20
8 Central Okanagan	2	2	0	20	2	0	0	54
9 Columbia-Shuswap	0	0	0	5	0	0	0	17
10 Comox-Strathcona	1	1	0	11	1	0	0	33
11 Cowichan Valley	1	1	0	9	0	0	1	24
12 Dewdney-Alouette	0	0	1	11	1	3	0	30
13 East Kootenay	0	0	0	1	0	0	1	16
14 Fraser-Cheam	0	1	0	6	1	0	0	15
15 Fraser-Fort George	0	0	0	9	1	0	1	24
17 Kitimat-Stikine	0	0	0	2	1	0	0	10
18 Kootenay Boundary	0	2	0	2	1	0	0	16
19 Mount Waddington	0	0	0	0	0	0	0	0
20 Nanaimo	0	0	0	14	3	1	0	40
21 North Okanagan	0	0	0	8	0	0	0	32
22 Okanagan-Similkameen	0	0	0	12	2	0	1	37
23 Peace River	0	1	0	0	2	0	0	16
24 Powell River	0	1	0	3	0	0	0	10
25 Skeena-Queen Charlotte	0	0	0	2	0	0	0	5
26 Squamish-Lillooet	0	0	0	9	0	1	0	14
27 Stikine	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	5	0	0	0	11
29 Thompson-Nicola	0	1	0	15	0	0	0	44
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**75**	**2**	**12**	**359**	**3**	**19**	**11**	**1,030**
3 Capital	14	0	1	56	2	6	1	186
16 Greater Vancouver	61	2	11	303	1	13	10	844
TOTAL	**79**	**12**	**13**	**533**	**20**	**25**	**15**	**1,558**

[1] Includes 3 physiotherapists employed in industry, 3 in psychiatric hospitals, 1 in a centre for the mentally handicapped and 18 in other institutions.

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Table 5

Full and Temporary Physiotherapists Employed in Physiotherapy in British Columbia by Regional Hospital District by Principal Employment Activity December 1992

Regional Hospital District	Intensive Care	Ortho-paedics	Rheuma-tology	General	Sports Medicine	Geriatrics	Paediatrics	Burns & Plastics	Rehab-ilitation
Non-Metropolitan - Subtotal	**4**	**162**	**11**	**202**	**12**	**24**	**42**	**0**	**24**
1 Alberni-Clayoquot	0	3	0	5	0	1	1	0	0
2 Bulkley-Nechako	0	0	0	6	0	0	1	0	0
4 Cariboo	0	4	0	7	0	1	2	0	0
5 Central Coast	0	0	0	1	0	0	0	0	0
6 Central Fraser Valley	0	12	0	7	1	0	3	0	0
7 Central Kootenay	0	8	0	7	0	1	1	0	1
8 Central Okanagan	1	21	2	9	1	3	2	0	8
9 Columbia-Shuswap	0	8	0	7	0	1	1	0	0
10 Comox-Strathcona	0	9	0	18	0	0	3	0	1
11 Cowichan Valley	0	6	1	8	1	3	2	0	1
12 Dewdney-Alouette	1	7	1	9	1	3	3	0	1
13 East Kootenay	0	4	1	8	0	1	0	0	1
14 Fraser-Cheam	0	6	0	6	0	0	1	0	0
15 Fraser-Fort George	0	11	0	6	1	1	2	0	0
17 Kitimat-Stikine	0	2	0	7	0	0	1	0	0
18 Kootenay Boundary	0	3	0	8	0	1	4	0	0
19 Mount Waddington	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	11	1	14	1	2	4	0	4
21 North Okanagan	0	13	1	10	1	1	1	0	1
22 Okanagan-Similkameen	0	9	3	17	0	2	2	0	0
23 Peace River	0	3	0	9	0	0	2	0	0
24 Powell River	0	3	0	3	0	2	1	0	0
25 Skeena-Queen Charlotte	0	2	0	3	0	0	0	0	0
26 Squamish-Lillooet	0	3	0	5	4	0	1	0	0
27 Stikine	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	3	0	4	0	0	2	0	1
29 Thompson-Nicola	2	11	1	18	1	1	2	0	5
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	**18**	**341**	**35**	**209**	**21**	**71**	**70**	**5**	**80**
3 Capital	5	62	5	32	4	25	18	2	7
16 Greater Vancouver	13	279	30	177	17	46	52	3	73
TOTAL	**22**	**503**	**46**	**411**	**33**	**95**	**112**	**5**	**104**

... continued

Table 5 (continued)

Full and Temporary Physiotherapists Employed in Physiotherapy in British Columbia by Regional Hospital District by Principal Employment Activity

December 1992

Regional Hospital District	Cardio-Respiratory	Neurology	Palliative Chronic Care	Obstetrics & Gynaecology	Other Patient Care Activity[1]	Admin-istration	Teaching/ Research[2]	Other Non-Patient Care Activity	Unknown	Total
Non-Metropolitan - Subtotal	6	2	2	0	4	14	4	4	11	528
1 Alberni-Clayquot	0	0	0	0	0	0	0	0	0	10
2 Bulkley-Nechako	0	0	0	0	0	0	0	0	0	7
4 Cariboo	1	0	0	0	0	1	0	0	0	16
5 Central Coast	0	0	0	0	0	0	0	0	0	1
6 Central Fraser Valley	0	1	0	0	0	1	0	1	0	26
7 Central Kootenay	0	0	0	0	0	0	2	0	0	20
8 Central Okanagan	2	1	0	0	1	1	0	1	1	54
9 Columbia-Shuswap	0	0	0	0	0	0	0	0	0	17
10 Comox-Strathcoma	0	0	0	0	0	0	0	0	2	33
11 Cowichan Valley	0	0	0	0	0	1	0	0	1	24
12 Dewdney-Alouette	2	0	0	0	1	1	0	0	0	30
13 East Kootenay	0	0	0	0	0	0	0	0	1	16
14 Fraser-Cheam	0	0	0	0	0	0	0	1	1	15
15 Fraser-Fort George	1	0	0	0	0	1	0	0	1	24
17 Kitimat-Stikine	0	0	0	0	0	0	0	0	0	10
18 Kootenay Boundary	0	0	0	0	0	0	0	0	0	16
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	0	0	1	0	0	2	0	0	0	40
21 North Okanagan	0	0	0	0	0	4	0	0	0	32
22 Okanagan-Similkameen	0	0	1	0	0	1	0	0	2	37
23 Peace River	0	0	0	0	0	0	1	0	1	16
24 Powell River	0	0	0	0	0	0	0	0	1	10
25 Skeena-Queen Charlotte	0	0	0	0	0	0	0	0	0	5
26 Squamish-Lillooet	0	0	0	0	1	0	0	0	0	14
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	0	0	0	0	1	0	0	0	0	11
29 Thompson-Nicola	0	0	0	0	0	1	1	1	0	44
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	27	37	4	8	16	42	18	4	24	1,030
3 Capital	5	7	0	0	3	8	1	0	2	186
16 Greater Vancouver	22	30	4	8	13	34	17	4	22	844
TOTAL	33	39	6	8	20	56	22	8	35	1,558

[1] Includes 1 physiotherapist employed in psychiatric care, 4 in preventive/health education and 15 in other patient care activities.

[2] Includes 17 physiotherapists employed in teaching and 5 in research.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 6

Full and Temporary Physiotherapists Employed in Physiotherapy in British Columbia by Regional Hospital District by Principal Type of Position December 1992

Regional Hospital District	Staff Therapist	Sole Charge	Program Co-ordinator	Senior Therapist	Director	Assistant Director	Consultant	Owner/ Partner Private Practice	Associate-Private Practice	Other[1]	Unknown	Total
Non-Metropolitan - Subtotal	225	59	3	29	41	1	8	104	47	6	5	528
1 Alberni-Clayoquot	4	1	0	0	1	0	0	3	1	0	0	10
2 Bulkley-Nechako	3	2	0	0	0	0	0	1	0	1	0	7
4 Cariboo	7	2	0	0	2	0	0	2	1	2	0	16
5 Central Coast	0	1	0	0	0	0	0	0	0	0	0	1
6 Central Fraser Valley	11	1	0	0	1	0	0	9	4	0	0	26
7 Central Kootenay	6	5	1	2	2	0	0	2	2	0	0	20
8 Central Okanagan	23	0	0	5	3	0	2	10	10	1	0	54
9 Columbia-Shuswap	9	0	0	1	2	0	0	4	1	0	0	17
10 Comox-Strathcona	13	7	1	0	2	0	0	6	3	1	0	33
11 Cowichan Valley	8	3	0	3	2	0	0	7	0	0	1	24
12 Dewdney-Alouette	12	3	0	3	3	0	0	8	1	0	0	30
13 East Kootenay	7	4	0	1	2	0	0	1	0	0	1	16
14 Fraser-Cheam	4	2	0	0	2	0	1	5	1	0	0	15
15 Fraser-Fort George	15	0	0	1	2	0	0	4	1	0	1	24
17 Kitimat-Stikine	4	2	0	0	2	0	0	1	1	0	0	10
18 Kootenay Boundary	8	2	0	1	1	0	1	3	0	0	0	16
19 Mount Waddington	0	0	0	0	0	0	0	0	0	0	0	0
20 Nanaimo	19	4	0	4	1	0	0	10	2	0	0	40
21 North Okanagan	14	4	1	1	4	0	1	4	3	0	0	32
22 Okanagan-Similkameen	16	5	0	1	2	0	0	6	5	1	1	37
23 Peace River	8	4	0	1	2	0	1	0	0	0	0	16
24 Powell River	5	0	0	0	1	0	1	3	0	0	0	10
25 Skeena-Queen Charlotte	2	1	0	0	0	0	0	2	0	0	0	5
26 Squamish-Lillooet	4	1	0	0	1	0	0	5	3	0	0	14
27 Stikine	0	0	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	4	2	0	0	1	0	0	1	2	0	1	11
29 Thompson-Nicola	19	3	0	5	2	1	1	7	6	0	0	44
30 Fort Nelson/Liard	0	0	0	0	0	0	0	0	0	0	0	0
Metropolitan - Subtotal	533	19	6	66	30	12	28	176	113	35	12	1,030
3 Capital	102	6	0	9	5	5	3	33	13	7	3	186
16 Greater Vancouver	431	13	6	57	25	7	25	143	100	28	9	844
TOTAL	758	78	9	95	71	13	36	280	160	41	17	1,558

[1] Includes 5 physiotherapists employed as clinical instructors, 5 as research therapists and 31 in other positions.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 7

Analysis of Change in the Number of Full and Temporary Physiotherapists in British Columbia by Regional Hospital District December 1991 to December 1992

Regional Hospital District	December 1991	New Registrants[1] by Place of Graduation: B.C.	Other Canada	Other Country	Unknown	Subtotal	Reactivation[2]	Attrition[3]	Net Intra-provincial Migration	December 1992
Non-Metropolitan - Subtotal	**597**	**8**	**12**	**17**	**14**	**51**	**13**	**39**	**10**	**632**
1 Alberni-Clayoquot	12	0	0	0	0	0	1	1	0	12
2 Bulkley-Nechako	11	0	0	0	1	1	1	3	0	10
4 Cariboo	20	0	0	1	1	2	0	3	2	21
5 Central Coast	1	0	0	0	0	0	0	0	0	1
6 Central Fraser Valley	29	1	0	0	0	1	0	1	-1	28
7 Central Kootenay	26	1	0	0	0	1	1	2	-1	25
8 Central Okanagan	59	1	1	1	1	4	3	4	0	62
9 Columbia-Shuswap	17	0	1	0	1	2	0	0	2	21
10 Comox-Strathcona	37	1	1	3	0	5	0	1	1	42
11 Cowichan Valley	30	0	1	1	1	3	0	2	0	31
12 Dewdney-Alouette	27	0	1	0	0	1	0	2	6	32
13 East Kootenay	21	1	1	1	2	5	0	0	-1	25
14 Fraser-Cheam	16	0	1	0	2	3	0	1	1	19
15 Fraser-Fort George	27	1	3	0	2	6	1	4	2	32
17 Kitimat-Stikine	9	1	0	0	0	1	0	0	1	11
18 Kootenay Boundary	21	0	0	0	0	0	0	3	0	18
19 Mount Waddington	1	0	0	0	0	0	0	0	1	2
20 Nanaimo	48	1	0	3	0	4	3	1	-3	51
21 North Okanagan	35	0	0	0	0	0	0	2	4	37
22 Okanagan-Similkameen	40	0	0	0	0	0	0	3	2	39
23 Peace River	20	0	1	3	0	4	1	4	-2	19
24 Powell River	10	0	0	1	0	1	1	0	-2	10
25 Skeena-Queen Charlotte	5	0	0	0	0	0	0	0	0	5
26 Squamish-Lillooet	16	0	1	3	0	4	0	0	-3	17
27 Stikine	0	0	0	0	0	0	0	0	0	0
28 Sunshine Coast	14	0	0	0	1	1	0	1	1	15
29 Thompson-Nicola	45	0	0	0	1	1	0	1	0	45
30 Fort Nelson/Liard	0	0	0	0	1	1	1	0	0	2
Metropolitan - Subtotal	**1,213**	**30**	**20**	**38**	**20**	**108**	**27**	**97**	**-10**	**1,241**
3 Capital	208	4	7	2	4	17	4	13	6	222
16 Greater Vancouver	1,005	26	13	36	16	91	23	84	-16	1,019
TOTAL	**1,810**	**38**	**32**	**55**	**34**	**159**	**40**	**136**	**0**	**1,873**

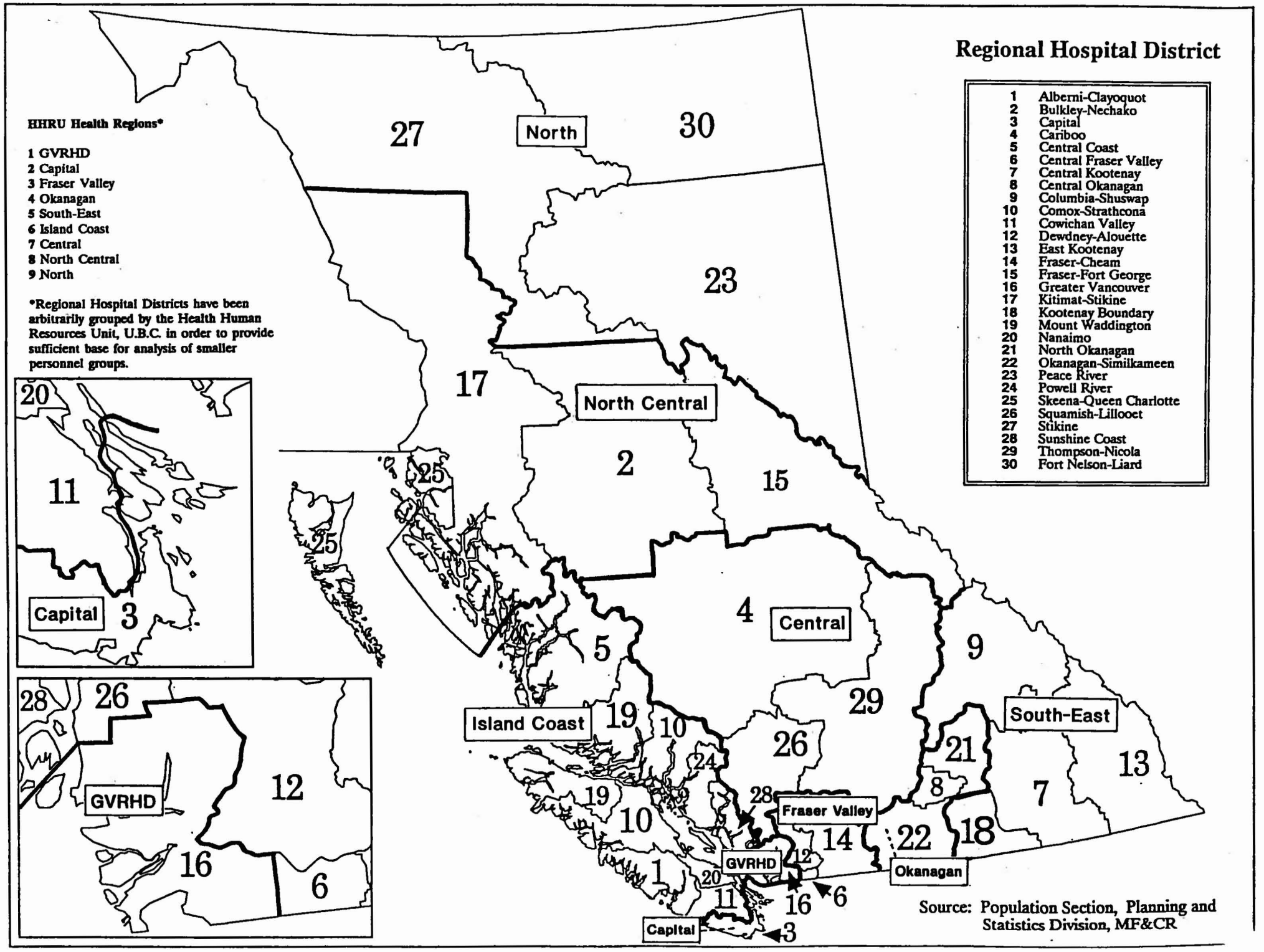
[1] Physiotherapists who reported B.C. addresses and were full or temporary registrants in December 1992 and whose date of initial registration was after December 1991.
[2] Physiotherapists who reported B.C. addresses and were full or temporary registrants in December 1992 but not in December 1991 and who were registered for the first time before December 1991.
[3] Physiotherapists who reported B.C. addresses and were full or temporary registrants in December 1991 but not in December 1992.

Prepared by:
Health Human Resources Unit
The University of British Columbia

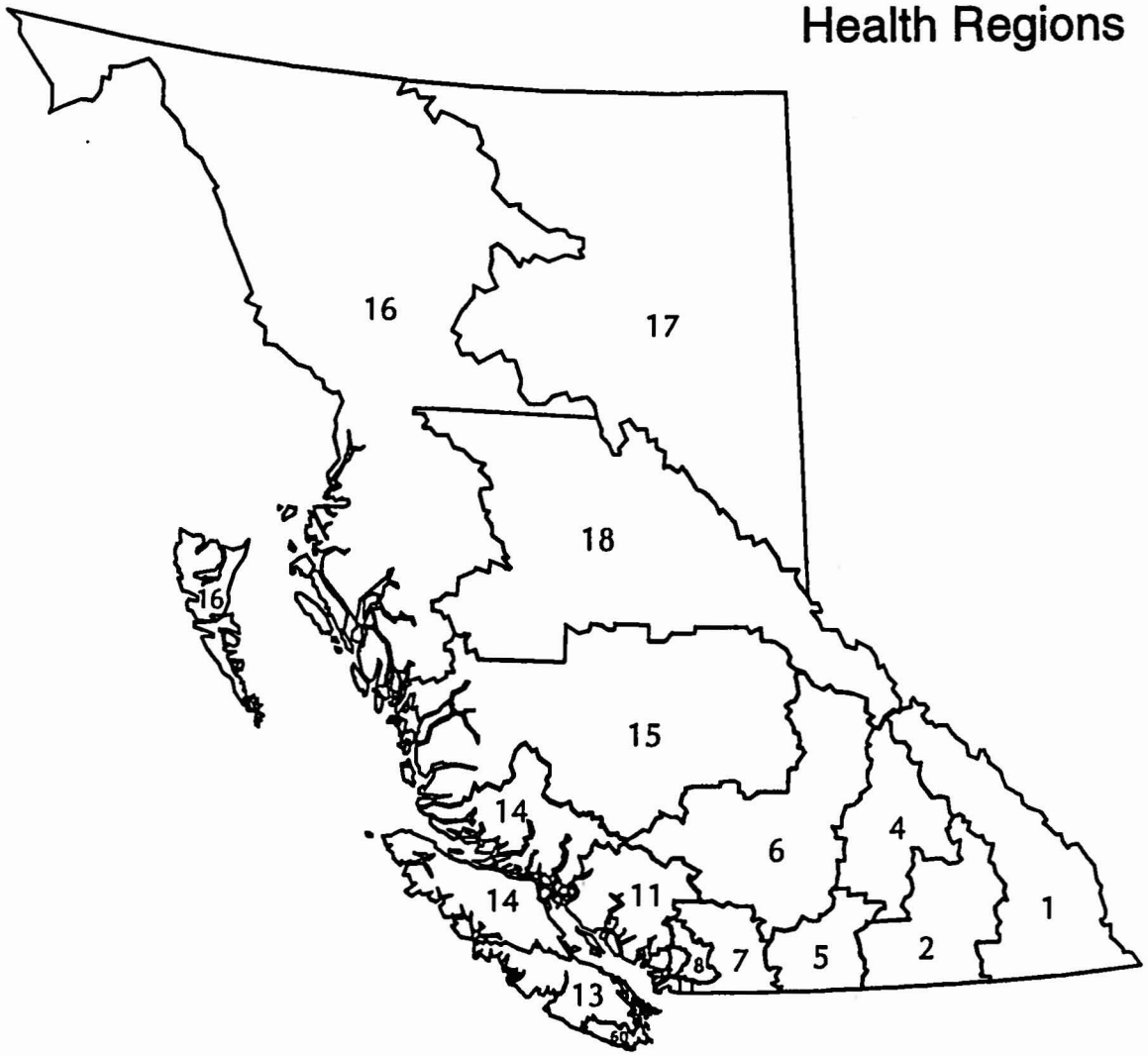
APPENDICES

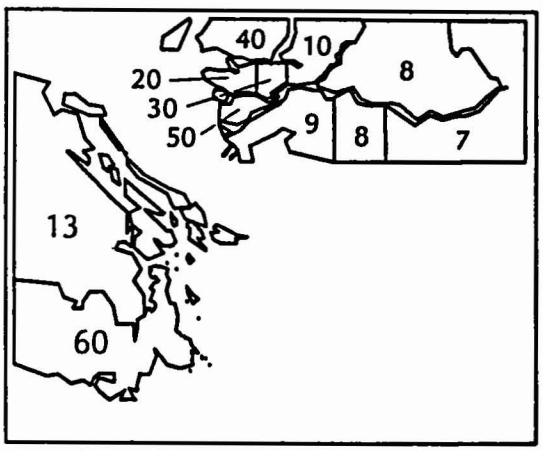
APPENDIX A

MAP OF REGIONAL HOSPITAL DISTRICTS


Regional Hospital District
1 Alberni-Clayoquot
2 Bulkley-Nechako
3 Capital
4 Cariboo
5 Central Coast
6 Central Fraser Valley
7 Central Kootenay
8 Central Okanagan
9 Columbia-Shuswap
10 Comox-Strathcona
11 Cowichan Valley
12 Dewdney-Alouette
13 East Kootenay
14 Fraser-Cheam
15 Fraser-Fort George
16 Greater Vancouver
17 Kitimat-Stikine
18 Kootenay Boundary
19 Mount Waddington
20 Nanaimo
21 North Okanagan
22 Okanagan-Similkameen
23 Peace River
24 Powell River
25 Skeena-Queen Charlotte
26 Squamish-Lillooet
27 Stikine
28 Sunshine Coast
29 Thompson-Nicola
30 Fort Nelson-Liard
HHRU Health Regions*
1 GVRHD
2 Capital
3 Fraser Valley
4 Okanagan
5 South-East
6 Island Coast
7 Central
8 North Central
9 North
*Regional Hospital Districts have been arbitrarily grouped by the Health Human Resources Unit, U.B.C. in order to provide sufficient base for analysis of smaller personnel groups.
North
North Central
Central
Island Coast
South-East
Fraser Valley
Okanagan
GVRHD
Capital
Source: Population Section, Planning and Statistics Division, MF&CR

British Columbia
Health Regions





Health Regions

1. East Kootenay
2. Central Kootenay
4. North Okanagan
5. South Okanagan
6. South Central
7. Upper Fraser Valley
8. Central Fraser Valley
9. Boundary
10. Simon Fraser
11. Coast Garibaldi
13. Central Vancouver Island
14. Upper Island
15. Cariboo
16. Skeena
17. Peace River
18. Northern Interior
20. Vancouver
30. Burnaby
40. North Shore
50. Richmond
60. Capital Regional District

Prepared by: Health Economics and Planning Branch, Ministry of Health & Ministry Responsible for Seniors
Adapted by: Health Human Resources Unit, The University of British Columbia
Map Source: PSD, Ministry of Finance & Corporate Relations

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Table 1

Conversion Summary:
Health Regions, Regional Hospital Districts and Local Health Areas

Health Region	Regional Hospital District	Local Health Area
1 East Kootenay	7 Central Kootenay 9 Columbia-Shuswap 13 East Kootenay	5 Creston 18 Golden 1 Fernie 2 Cranbrook 3 Kimberley 4 Windermere
2 Central Kootenay	7 Central Kootenay 18 Kootenay Boundary	6 Kootenay Lake 7 Nelson 9 Castlegar 10 Arrow Lakes 11 Trail 12 Grand Forks 13 Kettle Valley
4 North Okanagan	9 Columbia-Shuswap 21 North Okanagan	19 Revelstoke 20 Salmon Arm 21 Armstrong-Spallumcheen 22 Vernon 78 Enderby
5 South Okanagan	8 Central Okanagan 22 Okanagan-Similkameen	23 Central Okanagan 14 Southern Okanagan 15 Penticton 16 Keremeos 17 Princeton 77 Summerland
6 South Central	26 Squamish-Lillooet 29 Thompson-Nicola	29 Lillooet 24 Kamloops 26 North Thompson 30 South Cariboo 31 Merritt
7 Upper Fraser Valley	6 Central Fraser Valley 14 Fraser-Cheam	34 Abbotsford 32 Hope 33 Chilliwack 76 Agassiz - Harrison
8 Central Fraser Valley	12 Dewdney-Alouette 16 Greater Vancouver	42 Maple Ridge 75 Mission 35 Langley
9 Boundary	16 Greater Vancouver	36 Surrey 37 Delta
10 Simon Fraser	16 Greater Vancouver	40 New Westminster 43 Coquitlam
11 Coast Garibaldi	24 Powell River 26 Squamish-Lillooet 28 Sunshine Coast	47 Powell River 48 Howe Sound 46 Sunshine Coast
13 Central Vancouver Island	1 Alberni-Clayoquot 11 Cowichan Valley 20 Nanaimo	70 Alberni 65 Cowichan 66 Lake Cowichan 67 Ladysmith 68 Nanaimo 69 Qualicum

... continued

Table 1 (continued)

Conversion Summary:
Health Regions, Regional Hospital Districts and Local Health Areas

Health Region	Regional Hospital District	Local Health Area
14 Upper Vancouver Island	10 Comox-Strathcona	71 Courtenay
		72 Campbell River
		84 Vancouver Island West
	19 Mount Waddington	85 Vancouver Island North
15 Cariboo	4 Cariboo	27 Cariboo - Chilcotin
		28 Quesnel
	5 Central Coast	49 Central Coast
16 Skeena	2 Bulkley-Nechako	54 Smithers
	17 Kitimat-Stikine	80 Kitimat
		88 Terrace
		92 Nishga
		94 Telegraph Creek
	25 Skeena-Queen Charlotte	50 Queen Charlotte
		52 Prince Rupert
	27 Stikine	87 Stikine
17 Peace River	23 Peace River	59 Peace River South
		60 Peace River North
	30 Fort Nelson/Liard	81 Fort Nelson
18 Northern Interior	2 Bulkley-Nechako	55 Burns Lake/Eutsuk Lake
		56 Nechako
	15 Fraser-Fort George	57 Prince George
20 Vancouver	16 Greater Vancouver	39 Vancouver
30 Burnaby	16 Greater Vancouver	41 Burnaby
40 North Shore	16 Greater Vancouver	44 North Vancouver
		45 West Vancouver
50 Richmond	16 Greater Vancouver	38 Richmond
60 Victoria	3 Capital	61 Greater Victoria
		62 Sooke
		63 Saanich
		64 Gulf Islands

Source: Health Economics and Planning Branch, British Columbia Ministry of Health

APPENDIX B

B.C. POPULATION BY REGIONAL HOSPITAL DISTRICT

Table 1

Population Estimates[1] for British Columbia by Regional Hospital District 1991 and 1992

Regional Hospital District	1991	1992	Percent Change
Non-Metropolitan - Subtotal	**1,399,047**	**1,434,292**	**2.52**
1 Alberni-Clayoquot	30,209	29,855	-1.17
2 Bulkley-Nechako	37,435	37,784	0.93
4 Cariboo	58,390	58,890	0.86
5 Central Coast	3,145	3,156	0.35
6 Central Fraser Valley	84,502	88,894	5.20
7 Central Kootenay	51,000	52,065	2.09
8 Central Okanagan	109,199	114,882	5.20
9 Columbia-Shuswap	41,343	41,884	1.31
10 Comox-Strathcona	81,572	83,807	2.74
11 Cowichan Valley	59,407	61,270	3.14
12 Dewdney-Alouette	89,200	92,625	3.84
13 East Kootenay	48,401	47,882	-1.07
14 Fraser-Cheam	68,881	71,200	3.37
15 Fraser-Fort George	86,035	86,857	0.96
17 Kitimat-Stikine	39,500	39,932	1.09
18 Kootenay Boundary	31,019	31,472	1.46
19 Mount Waddington	13,633	13,491	-1.04
20 Nanaimo	97,359	101,251	4.00
21 North Okanagan	59,812	61,597	2.98
22 Okanagan-Similkameen	66,409	68,973	3.86
23 Peace River	51,490	52,645	2.24
24 Powell River	18,702	18,961	1.38
25 Skeena-Queen Charlott	23,255	23,468	0.92
26 Squamish-Lillooet	22,018	22,437	1.90
27 Stikine	1,606	1,602	-0.25
28 Sunshine Coast	20,055	20,350	1.47
29 Thompson-Nicola	100,443	101,769	1.32
30 Fort-Nelson	5,027	5,293	5.29
Metropolitan - Subtotal	**1,814,115**	**1,858,466**	**2.44**
3 Capital	298,020	304,549	2.19
16 Greater Vancouver	1,516,095	1,553,917	2.49
TOTAL	**3,213,162**	**3,292,758**	**2.48**

[1] Population estimates supplied by the Population Sector, Planning and Statistics Division, Ministry of Finance and Corporate Relations are from the P.E.O.P.L.E. Projection Model - Projection #17.

Prepared by:
Health Human Resources Unit
The University of British Columbia

Table 2

Population Estimates[1] in British Columbia
by Regional Hospital District by Age and Sex
1992

Regional Hospital District	< 25		25-34		35-44		45-54		55-64		65 +		Subtotal		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Non-Metropolitan - Subtotal	**270,313**	**254,962**	**103,893**	**103,292**	**117,807**	**114,275**	**83,238**	**77,897**	**66,891**	**62,726**	**77,138**	**101,860**	**719,280**	**715,012**	**1,434,292**
1 Alberni-Clayoquot	5,877	5,416	1,820	1,843	2,468	2,424	1,961	1,754	1,641	1,347	1,442	1,862	15,209	14,646	29,855
2 Bulkley-Nechako	8,391	7,800	3,049	2,840	3,465	3,007	2,224	1,943	1,516	1,246	1,003	1,300	19,648	18,136	37,784
4 Cariboo	12,047	12,043	4,100	3,984	5,196	4,885	3,902	3,332	2,854	2,292	1,845	2,410	29,944	28,946	58,890
5 Central Coast	661	653	282	235	289	243	181	143	127	103	95	144	1,635	1,521	3,156
6 Central Fraser Valley	17,159	16,231	7,388	7,151	6,705	6,773	4,336	4,261	3,456	3,838	4,819	6,777	43,863	45,031	88,894
7 Central Kootenay	9,384	8,601	2,944	2,896	3,848	3,850	3,021	2,822	2,670	2,449	4,159	5,421	26,026	26,039	52,065
8 Central Okanagan	19,399	17,891	7,852	7,963	8,005	9,034	5,780	6,523	5,553	6,297	8,828	11,757	55,417	59,465	114,882
9 Columbia-Shuswap	7,511	7,020	2,836	2,684	3,461	3,190	2,455	2,248	2,217	1,998	2,752	3,512	21,232	20,652	41,884
10 Comox-Strathcona	15,214	14,770	6,525	6,241	7,397	7,139	5,361	4,793	4,113	3,728	3,646	4,880	42,256	41,551	83,807
11 Cowichan Valley	10,983	10,726	4,016	4,039	4,644	4,770	3,598	3,400	3,008	2,943	3,942	5,201	30,191	31,079	61,270
12 Dewdney-Alouette	17,713	16,536	7,352	7,717	8,802	8,037	5,225	4,832	4,016	3,615	3,786	4,994	46,894	45,731	92,625
13 East Kootenay	9,486	8,917	3,118	3,128	4,254	4,131	2,945	2,751	2,143	1,754	2,243	3,012	24,189	23,693	47,882
14 Fraser-Cheam	13,487	12,541	5,674	5,846	5,285	4,966	3,542	3,394	3,301	3,151	4,331	5,682	35,620	35,580	71,200
15 Fraser-Fort George	17,761	17,571	6,980	6,908	8,200	7,862	5,715	5,006	3,783	2,835	1,838	2,398	44,277	42,580	86,857
17 Kitimat-Stikine	8,838	8,478	3,093	2,928	3,603	3,244	2,651	2,163	1,740	1,338	811	1,045	20,736	19,196	39,932
18 Kootenay Boundary	5,585	5,130	1,856	1,836	2,387	2,268	1,759	1,672	1,650	1,597	2,472	3,260	15,709	15,763	31,472
19 Mount Waddington	2,687	2,703	1,268	1,136	1,515	1,251	974	737	517	310	166	227	7,127	6,364	13,491
20 Nanaimo	17,052	15,820	6,662	7,173	7,906	8,051	5,597	5,479	5,087	5,231	7,441	9,752	49,745	51,506	101,251
21 North Okanagan	11,181	10,584	3,647	3,968	4,408	4,601	3,563	3,562	3,002	2,887	4,447	5,747	30,248	31,349	61,597
22 Okanagan-Similkameen	11,361	9,889	3,855	4,024	4,375	4,495	3,213	3,599	3,332	3,876	7,292	9,662	33,428	35,545	68,973
23 Peace River	11,104	10,844	4,773	4,377	4,826	4,164	2,908	2,560	2,136	1,699	1,439	1,815	27,186	25,459	52,645
24 Powell River	3,416	3,338	1,288	1,217	1,393	1,368	1,221	1,072	1,018	908	1,207	1,515	9,543	9,418	18,961
25 Skeena-Queen Charlotte	4,768	4,589	2,190	1,924	2,244	1,978	1,503	1,206	942	726	596	802	12,243	11,225	23,468
26 Squamish-Lillooet	4,547	3,953	1,928	1,955	2,268	1,960	1,447	1,034	978	812	660	895	11,828	10,609	22,437
27 Stikine	363	313	117	109	189	169	115	72	52	38	32	33	868	734	1,602
28 Sunshine Coast	3,497	2,951	1,194	1,088	1,626	1,615	1,159	1,113	989	1,227	1,638	2,253	10,103	10,247	20,350
29 Thompson-Nicola	19,693	18,552	7,431	7,484	8,534	8,393	6,654	6,237	4,876	4,327	4,155	5,433	51,343	50,426	101,769
30 Fort Nelson/Liard	1,148	1,102	655	598	514	407	228	189	174	154	53	71	2,772	2,521	5,293
Metropolitan - Subtotal	**295,373**	**285,601**	**161,593**	**168,379**	**149,376**	**156,864**	**106,943**	**109,493**	**82,423**	**84,376**	**111,620**	**146,425**	**907,328**	**951,138**	**1,858,466**
3 Capital	48,619	45,103	20,126	21,618	21,163	24,766	15,603	17,246	12,926	15,046	27,445	34,888	145,882	158,667	304,549
16 Greater Vancouver	246,754	240,498	141,467	146,761	128,213	132,098	91,340	92,247	69,497	69,330	84,175	111,537	761,446	792,471	1,553,917
TOTAL	**565,686**	**540,563**	**265,486**	**271,671**	**267,183**	**271,139**	**190,181**	**187,390**	**149,314**	**147,102**	**188,758**	**248,285**	**1,626,608**	**1,666,150**	**3,292,758**

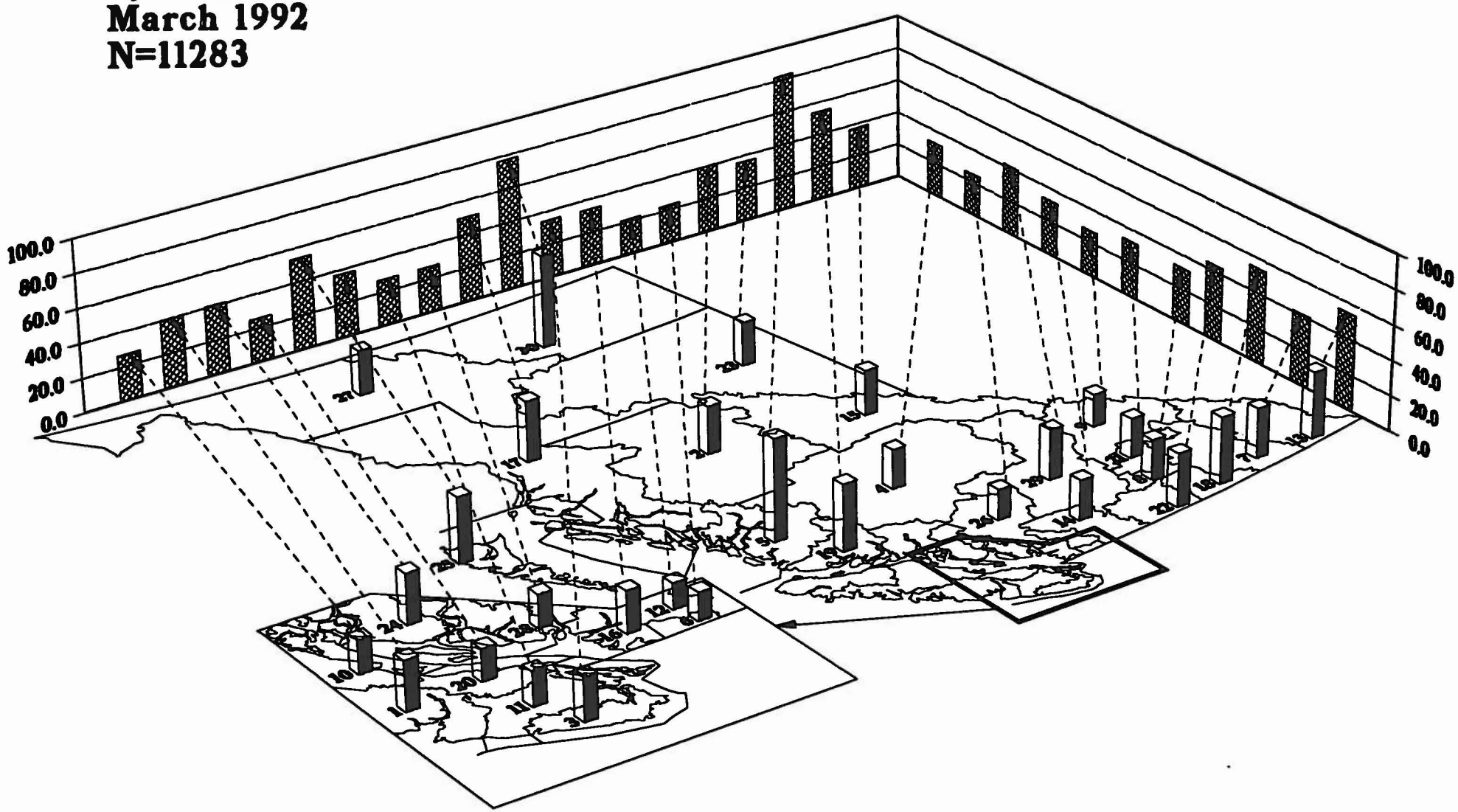
[1] Population estimates supplied by the Population Sector, Planning and Statistics Division, Ministry of Finance and Corporate Relations are from the P.H.O.P.L.E. Projection Model - Projection #17.

Prepared by:
Health Human Resources Unit
The University of British Columbia

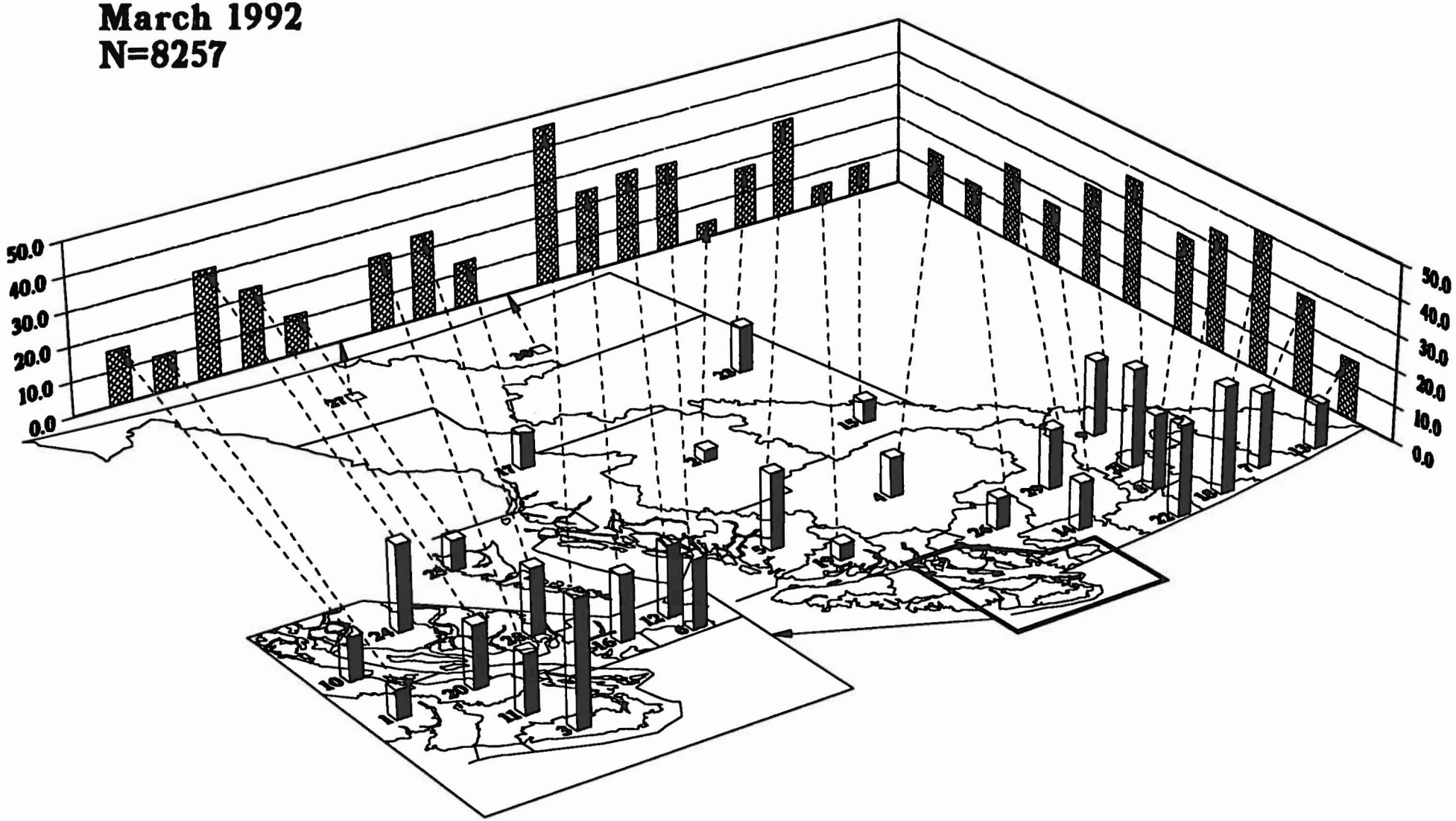
APPENDIX C

HOSPITAL BED CAPACITY IN BRITISH COLUMBIA BY REGIONAL HOSPITAL DISTRICT

Acute Care Beds
per 10,000 Population
by Regional Hospital District
March 1992
N=11283



Extended Care Beds
per 10,000 Population
by Regional Hospital District
March 1992
N=8257



Bassinets
per 10,000 Population
by Regional Hospital District
March 1992
N=1155

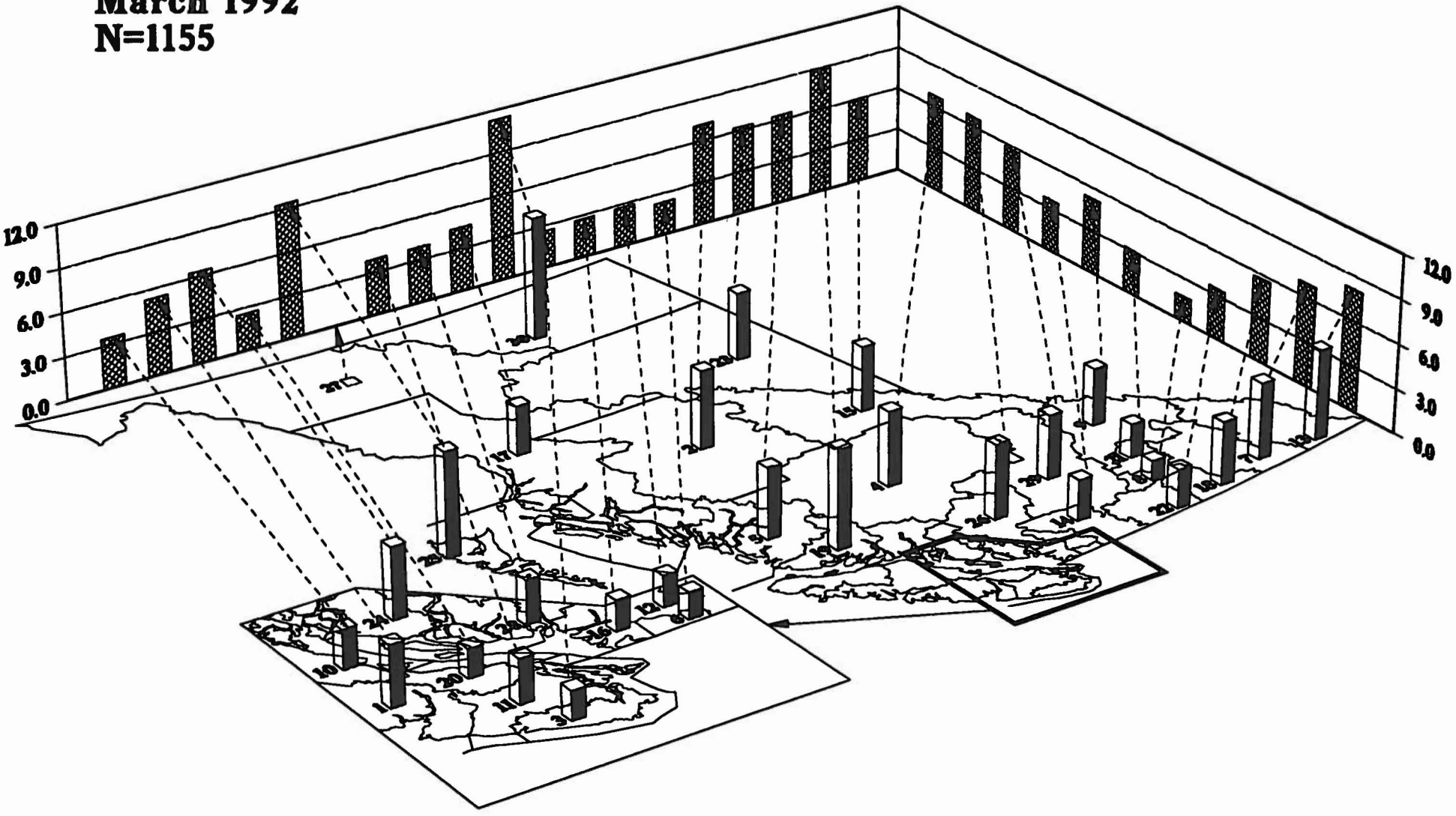


Table 1a

Approved Hospital Bed Capacity[1] in British Columbia

by Regional Hospital District

March 1991 and March 1992

Regional Hospital District	Acute Care Beds		Extended Care Beds		Bassinets[2]		Rehabilitation Beds		Total	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**5,092**	**4,964**	**2,903**	**3,112**	**707**	**652**	**0**	**0**	**8,702**	**8,728**
1 Alberni-Clayoquot	139	118	32	32	16	16	0	0	187	166
2 Bulkley-Nechako	150	150	17	17	35	27	0	0	202	194
4 Cariboo	189	189	88	88	47	40	0	0	324	317
5 Central Coast	26	26	9	9	6	2	0	0	41	37
6 Central Fraser Valley	202	202	225	225	21	21	0	0	448	448
7 Central Kootenay	216	212	128	146	36	36	0	0	380	394
8 Central Okanagan	329	372	320	320	20	20	0	0	669	712
9 Columbia-Shuswap	113	113	58	120	22	22	0	0	193	255
10 Comox-Strathcona	225	225	133	133	29	29	0	0	387	387
11 Cowichan Valley	167	167	133	133	27	24	0	0	327	324
12 Dewdney-Alouette	196	196	244	244	26	26	0	0	466	466
13 East Kootenay	261	261	79	80	49	39	0	0	389	380
14 Fraser-Cheam	232	232	95	125	26	26	0	0	353	383
15 Fraser-Fort George	324	324	74	74	52	52	0	0	450	450
17 Kitimat-Stikine	200	200	53	53	28	18	0	0	281	271
18 Kootenay Boundary	228	171	103	126	18	18	0	0	349	315
19 Mount Waddington	80	73	8	8	12	12	0	0	100	93
20 Nanaimo	260	260	231	231	26	26	0	0	517	517
21 North Okanagan	213	201	208	228	24	19	0	0	445	448
22 Okanagan-Similkameen	294	300	198	235	28	24	0	0	520	559
23 Peace River	192	192	94	94	33	33	0	0	319	319
24 Powell River	77	77	60	60	12	12	0	0	149	149
25 Skeena-Queen Charlotte	126	126	27	27	27	22	0	0	180	175
26 Squamish-Lillooet	56	56	26	26	12	15	0	0	94	97
27 Stikine	6	6	0	0	0	0	0	0	6	6
28 Sunshine Coast	55	55	50	50	8	8	0	0	113	113
29 Thompson-Nicola	495	419	210	228	61	59	0	0	766	706
30 Fort Nelson/Liard	41	41	0	0	6	6	0	0	47	47
Metropolitan - Subtotal	**6,273**	**6,319**	**4,898**	**5,145**	**510**	**503**	**428**	**420**	**12,109**	**12,387**
3 Capital	1,045	1,045	1,428	1,405	79	79	153	145	2,705	2,674
16 Greater Vancouver	5,228	5,274	3,470	3,740	431	424	275	275	9,404	9,713
TOTAL	**11,365**	**11,283**	**7,801**	**8,257**	**1,217**	**1,155**	**428**	**420**	**20,811**	**21,115**

[1] Source: Hospital Care Division, Care Services, Ministry of Health

[2] Figures refer to Set Up Bassinets.

Prepared by:
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The University of British Columbia

Table 1b

Approved Hospital Bed Capacity in British Columbia per 10,000 Population by Regional Hospital District March 1991[1] and March 1992

Regional Hospital District	Acute Care Beds		Extended Care Beds		Bassinets		Rehabilitation Beds		Total	
	1991	1992	1991	1992	1991	1992	1991	1992	1991	1992
Non-Metropolitan - Subtotal	**36.40**	**34.61**	**20.75**	**21.70**	**5.05**	**4.55**	**0.00**	**0.00**	**62.20**	**60.85**
1 Alberni-Clayoquot	46.01	39.52	10.59	10.72	5.30	5.36	0.00	0.00	61.90	55.60
2 Bulkley-Nechako	40.07	39.70	4.54	4.50	9.35	7.15	0.00	0.00	53.96	51.34
4 Cariboo	32.37	32.09	15.07	14.94	8.05	6.79	0.00	0.00	55.49	53.83
5 Central Coast	82.67	82.38	28.62	28.52	19.08	6.34	0.00	0.00	130.37	117.24
6 Central Fraser Valley	23.90	22.72	26.63	25.31	2.49	2.36	0.00	0.00	53.02	50.40
7 Central Kootenay	42.35	40.72	25.10	28.04	7.06	6.91	0.00	0.00	74.51	75.67
8 Central Okanagan	30.13	32.38	29.30	27.85	1.83	1.74	0.00	0.00	61.26	61.98
9 Columbia-Shuswap	27.33	26.98	14.03	28.65	5.32	5.25	0.00	0.00	46.68	60.88
10 Comox-Strathcona	27.58	26.85	16.30	15.87	3.56	3.46	0.00	0.00	47.44	46.18
11 Cowichan Valley	28.11	27.26	22.39	21.71	4.54	3.92	0.00	0.00	55.04	52.88
12 Dewdney-Alouette	21.97	21.16	27.35	26.34	2.91	2.81	0.00	0.00	52.24	50.31
13 East Kootenay	53.92	54.51	16.32	16.71	10.12	8.15	0.00	0.00	80.37	79.36
14 Fraser-Cheam	33.68	32.58	13.79	17.56	3.77	3.65	0.00	0.00	51.25	53.79
15 Fraser-Fort George	37.66	37.30	8.60	8.52	6.04	5.99	0.00	0.00	52.30	51.81
17 Kitimat-Stikine	50.63	50.09	13.42	13.27	7.09	4.51	0.00	0.00	71.14	67.87
18 Kootenay Boundary	73.50	54.33	33.21	40.04	5.80	5.72	0.00	0.00	112.51	100.09
19 Mount Waddington	58.68	54.11	5.87	5.93	8.80	8.89	0.00	0.00	73.35	68.93
20 Nanaimo	26.71	25.68	23.73	22.81	2.67	2.57	0.00	0.00	53.10	51.06
21 North Okanagan	35.61	32.63	34.78	37.01	4.01	3.08	0.00	0.00	74.40	72.73
22 Okanagan-Similkameen	44.27	43.50	29.82	34.07	4.22	3.48	0.00	0.00	78.30	81.05
23 Peace River	37.29	36.47	18.26	17.86	6.41	6.27	0.00	0.00	61.95	60.59
24 Powell River	41.17	40.61	32.08	31.64	6.42	6.33	0.00	0.00	79.67	78.58
25 Skeena-Queen Charlotte	54.18	53.69	11.61	11.51	11.61	9.37	0.00	0.00	77.40	74.57
26 Squamish-Lillooet	25.43	24.96	11.81	11.59	5.45	6.69	0.00	0.00	42.69	43.23
27 Stikine	37.36	37.45	0.00	0.00	0.00	0.00	0.00	0.00	37.36	37.45
28 Sunshine Coast	27.42	27.03	24.93	24.57	3.99	3.93	0.00	0.00	56.35	55.53
29 Thompson-Nicola	49.28	41.17	20.91	22.40	6.07	5.80	0.00	0.00	76.26	69.37
30 Fort Nelson/Liard	81.56	77.46	0.00	0.00	11.94	11.34	0.00	0.00	93.50	88.80
Metropolitan - Subtotal	**34.58**	**34.00**	**27.00**	**27.68**	**2.81**	**2.71**	**2.36**	**2.26**	**66.75**	**66.65**
3 Capital	35.06	34.31	47.92	46.13	2.65	2.59	5.13	4.76	90.77	87.80
16 Greater Vancouver	34.48	33.94	22.89	24.07	2.84	2.73	1.81	1.77	62.03	62.51
TOTAL	**35.37**	**34.27**	**24.28**	**25.08**	**3.79**	**3.51**	**1.33**	**1.28**	**64.77**	**64.13**

[1] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91. See Foreword.

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Health Human Resources Unit
The University of British Columbia

Table 1c

Annual Rate of Change in Approved Hospital Bed Capacity in British Columbia by Regional Hospital District March 1991 to March 1992

Regional Hospital District	Acute Care Beds		Extended Care Beds		Bassinets		Rehabilitation Beds		Total	
	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]	Number[1]	Ratio[2]
Non-Metropolitan - Subtotal	**-2.51**	**-4.91**	**7.20**	**4.57**	**-7.78**	**-10.05**	*	*	**0.30**	**-2.17**
1 Alberni-Clayoquot	-15.11	-14.10	0.00	1.19	0.00	1.19	*	*	-11.23	-10.18
2 Bulkley-Nechako	0.00	-0.92	0.00	-0.92	-22.86	-23.57	*	*	-3.96	-4.85
4 Cariboo	0.00	-0.85	0.00	-0.85	-14.89	-15.62	*	*	-2.16	-2.99
5 Central Coast	0.00	-0.35	*	*	*	*	*	*	-9.76	-10.07
6 Central Fraser Valley	0.00	-4.94	0.00	-4.94	0.00	-4.94	*	*	0.00	-4.94
7 Central Kootenay	-1.85	-3.86	14.06	11.73	0.00	-2.05	*	*	3.68	1.56
8 Central Okanagan	13.07	7.48	0.00	-4.95	0.00	-4.95	*	*	6.43	1.16
9 Columbia-Shuswap	0.00	-1.29	106.90	104.22	0.00	-1.29	*	*	32.12	30.42
10 Comox-Strathcona	0.00	-2.67	0.00	-2.67	0.00	-2.67	*	*	0.00	-2.67
11 Cowichan Valley	0.00	-3.04	0.00	-3.04	-11.11	-13.81	*	*	-0.92	-3.93
12 Dewdney-Alouette	0.00	-3.70	0.00	-3.70	0.00	-3.70	*	*	0.00	-3.70
13 East Kootenay	0.00	1.08	1.27	2.36	-20.41	-19.55	*	*	-2.31	-1.25
14 Fraser-Cheam	0.00	-3.26	31.58	27.29	0.00	-3.26	*	*	8.50	4.96
15 Fraser-Fort George	0.00	-0.95	0.00	-0.95	0.00	-0.95	*	*	0.00	-0.95
17 Kitimat-Stikine	0.00	-1.08	0.00	-1.08	-35.71	-36.41	*	*	-3.56	-4.60
18 Kootenay Boundary	-25.00	-26.08	22.33	20.57	0.00	-1.44	*	*	-9.74	-11.04
19 Mount Waddington	-8.75	-7.79	*	*	0.00	1.05	*	*	-7.00	-6.02
20 Nanaimo	0.00	-3.84	0.00	-3.84	0.00	-3.84	*	*	0.00	-3.84
21 North Okanagan	-5.63	-8.37	9.62	6.44	-20.83	-23.13	*	*	0.67	-2.24
22 Okanagan-Similkameen	2.04	-1.75	18.69	14.27	-14.29	-17.47	*	*	7.50	3.50
23 Peace River	0.00	-2.19	0.00	-2.19	0.00	-2.19	*	*	0.00	-2.19
24 Powell River	0.00	-1.37	0.00	-1.37	0.00	-1.37	*	*	0.00	-1.37
25 Skeena-Queen Charlotte	0.00	-0.91	0.00	-0.91	-18.52	-19.26	*	*	-2.78	-3.66
26 Squamish-Lillooet	0.00	-1.87	0.00	-1.87	25.00	22.67	*	*	3.19	1.26
27 Stikine	*	*	*	*	*	*	*	*	*	*
28 Sunshine Coast	0.00	-1.45	0.00	-1.45	*	*	*	*	0.00	-1.45
29 Thompson-Nicola	-15.35	-16.46	8.57	7.16	-3.28	-4.54	*	*	-7.83	-9.03
30 Fort Nelson/Liard	0.00	-5.03	*	*	*	*	*	*	0.00	-5.03
Metropolitan - Subtotal	**0.73**	**-1.67**	**5.04**	**2.54**	**-1.37**	**-3.73**	**-1.87**	**-4.21**	**2.30**	**-0.15**
3 Capital	0.00	-2.14	-1.61	-3.72	0.00	-2.14	-5.23	-7.26	-1.15	-3.27
16 Greater Vancouver	0.88	-1.58	7.78	5.16	-1.62	-4.02	0.00	-2.43	3.29	0.77
TOTAL	**-0.72**	**-3.12**	**5.85**	**3.29**	**-5.09**	**-7.39**	**-1.87**	**-4.24**	**1.46**	**-0.99**

[1] Rate of change (in percent) in the number.
[2] Rate of change (in percent) in the number per 10,000 population.
* Indicates that the base for the rate of change is less than 10.

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The University of British Columbia

APPENDIX D

COMMUNITY PHARMACIES IN BRITISH COLUMBIA BY REGIONAL HOSPITAL DISTRICT

Community Pharmacies
per 10,000 Population
by Regional Hospital District
December 1992
N=680

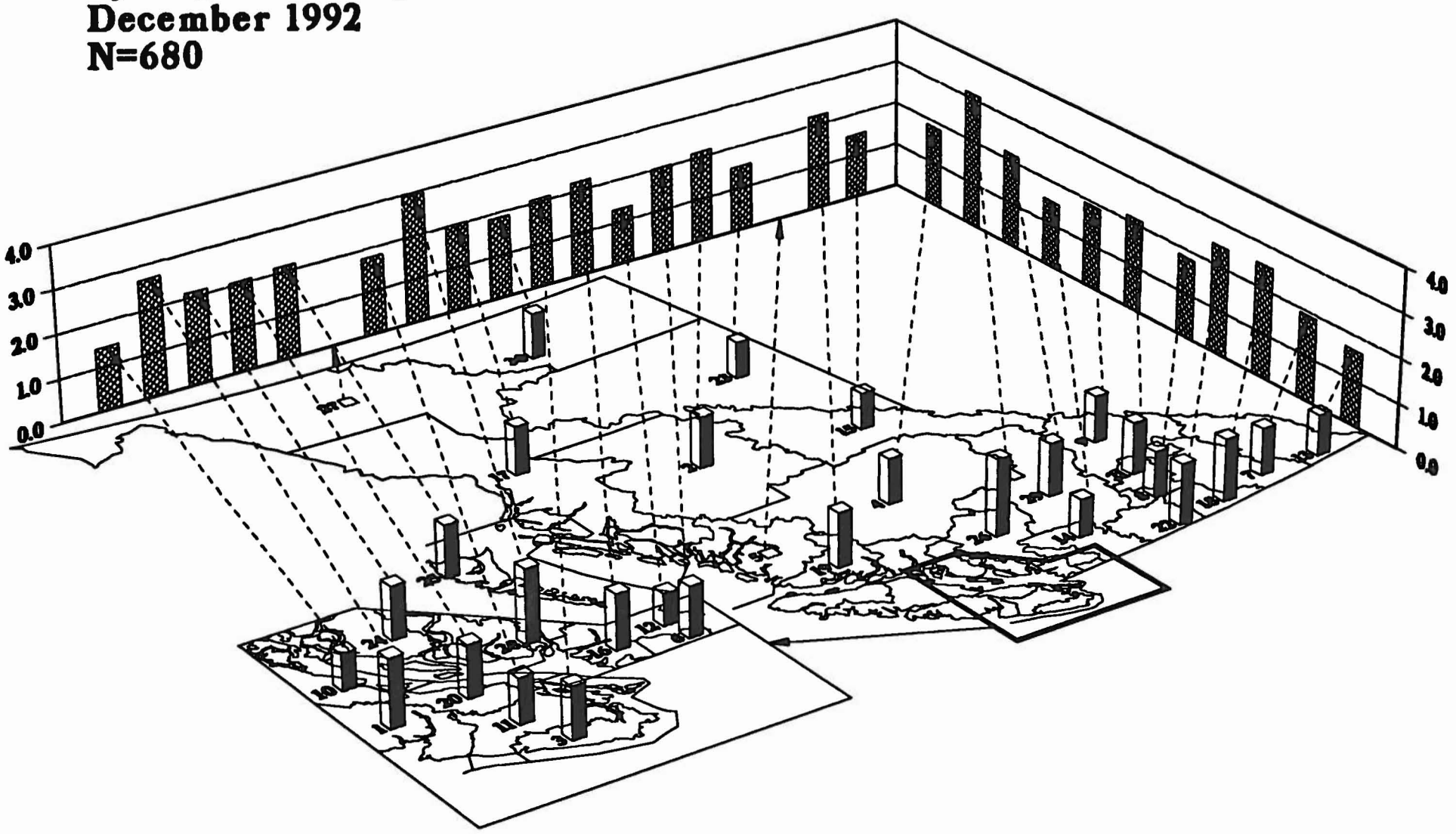

Table 1

Community Pharmacies[1] in British Columbia
by Regional Hospital District
December 1991[2] and December 1992

Regional Hospital District	Number 1991	Number 1992	Number per 10,000 Population 1991	Number per 10,000 Population 1992	Annual Rate of Change[3] Number	Annual Rate of Change[3] Ratio
Non-Metropolitan - Subtotal	**261**	**274**	**1.87**	**1.91**	**4.98**	**2.40**
1 Alberni-Clayoquot	8	8	2.65	2.68	*	*
2 Bulkley-Nechako	8	8	2.14	2.12	*	*
4 Cariboo	10	11	1.71	1.87	10.00	9.07
5 Central Coast	0	0	0.00	0.00	*	*
6 Central Fraser Valley	15	18	1.78	2.02	20.00	14.07
7 Central Kootenay	10	10	1.96	1.92	0.00	-2.05
8 Central Okanagan	18	21	1.65	1.83	16.67	10.90
9 Columbia-Shuswap	7	8	1.69	1.91	*	*
10 Comox-Strathcona	12	12	1.47	1.43	0.00	-2.67
11 Cowichan Valley	11	11	1.85	1.80	0.00	-3.04
12 Dewdney-Alouette	12	12	1.35	1.30	0.00	-3.70
13 East Kootenay	8	8	1.65	1.67	*	*
14 Fraser-Cheam	11	11	1.60	1.54	0.00	-3.26
15 Fraser-Fort George	13	13	1.51	1.50	0.00	-0.95
17 Kitimat-Stikine	7	8	1.77	2.00	*	*
18 Kootenay Boundary	7	8	2.26	2.54	*	*
19 Mount Waddington	3	3	2.20	2.22	*	*
20 Nanaimo	20	21	2.05	2.07	5.00	0.96
21 North Okanagan	12	13	2.01	2.11	8.33	5.19
22 Okanagan-Similkameen	17	17	2.56	2.46	0.00	-3.72
23 Peace River	8	8	1.55	1.52	*	*
24 Powell River	4	4	2.14	2.11	*	*
25 Skeena-Queen Charlotte	4	5	1.72	2.13	*	*
26 Squamish-Lillooet	7	7	3.18	3.12	*	*
27 Stikine	0	0	0.00	0.00	*	*
28 Sunshine Coast	6	6	2.99	2.95	*	*
29 Thompson-Nicola	22	22	2.19	2.16	0.00	-1.30
30 Fort Nelson/Liard	1	1	1.99	1.89	*	*
Metropolitan - Subtotal	**388**	**406**	**2.14**	**2.18**	**4.64**	**2.14**
3 Capital	62	63	2.08	2.07	1.61	-0.57
16 Greater Vancouver	326	343	2.15	2.21	5.21	2.65
TOTAL	**649**	**680**	**2.02**	**2.07**	**4.78**	**2.24**

[1] Includes retail pharmacies only. Hospital pharmacies are excluded. Source: College of Pharmacists of B.C.

[2] These figures differ from the corresponding figures for 1991 appearing in ROLLCALL 91 because of an error in the method of calculation used for ROLLCALL 91 pharmacies. Also, see Foreword.

[3] Rate of change (in percent) in the number and in the number per 10,000 population.

* Indicates that the base for the rate of change is less than 10.

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HHRU 85:1 (R:25)	*Pharmacists in British Columbia, 1975-1983. A Descriptive Report.* February 1985. (C. Jackson, S. Chan, M.L. Barer)
HHRU 85:2 (S:18)	*Life-Cycle Activity Patterns of Registered Nurses in British Columbia: Forecasting Future Supply and Professional Life Expectancy.* March 1985. (A. Kazanjian, K. Brothers, G. Wong)
HHRU 85:3 (R:26)	*ROLLCALL UPDATE 84. A Status Report of Selected Health Personnel in British Columbia, and an Analysis of Trends, 1974-84.* April 1985.
HHRU 85:4 (R:27)	*Dentists, Dental Hygienists and Certified Dental Assistants in British Columbia, 1974-1984. A Descriptive Report.* April 1985. (R. Gupta, G. Wong, M.L. Barer, A. Kazanjian)
HHRU 85:5 (S:19)	*Tobacco Taxes and Health Care Costs: Do Canadian Smokers Pay Their Way?* April 1985. (G.L. Stoddart, R.J. Labelle, M.L. Barer, R.G. Evans)
HHRU 85:6 (HMRU 85:1)	*Fee Practice Medical Service Expenditures Per Capita, and Full-Time-Equivalent Physicians in B.C. 1979-80 to 1983-84.* May 1985. (M.L. Barer, P. Wong Fung)
HHRU 86:1 (HMRU 86:1)	*Diagnostic Ultrasound in B.C., 1979 to 1984.* February 1986. (C. Kinnis, M.L. Barer)
HHRU 86:2 (S:20)	*Life Cycle Activity Patterns of Physicians.* February 1986. (M.L. Barer, R. Gupta, M. Kruger)
HHRU 86:3 (R:28)	*ROLLCALL 85. A Status Report of Health Personnel in the Province of British Columbia.* March 1986.
HHRU 86:4 (P:7)	*PRODUCTION 85. A Status Report on the Production of Health and Human Services Personnel in the Province of British Columbia.* March 1986.
HHRU 86:5 (R:29)	*Place of Graduation for Selected Health Occupations, 1985.* May 1986. (V. Lee, C. Jackson)
HHRU 86:6 (S:21)	*Specialty and Practice Location Decisions of Physicians Entering Postgraduate Training in British Columbia, 1974 to 1978.* May 1986. (M.L. Barer, C. Kinnis, S. Chan)

HHRU 86:7 (S:22)	*Nurse Requirements in British Columbia: 1979-1982 Trends. Part II: Nurse Educators (Academic) - Preliminary Findings.* September 1986. (A. Kazanjian, S. Chan)
HHRU 86:8 (R:30)	*Registered Psychiatric Nurses in British Columbia, 1985. A Status Report.* October 1986. (C. Kinnis)
HHRU 87:1 (S:23)	*Dental Hygienists in British Columbia, 1985: A Survey of Demographic, Educational and Career Patterns.* February 1987. (I. Pulcins, V. Lee)
HHRU 87:2 (R:31)	*ROLLCALL UPDATE 86. A Status Report of Selected Health Personnel in the Province of British Columbia.* March 1987.
HHRU 87:3 (HMRU 87:1)	*Fee Practice Medical Service Expenditures per Capita, and Full-Time-Equivalent Physicians in B.C., 1985-86.* March 1987. (M.L. Barer, P. Wong Fung)
HHRU 87:4 (S:24)	*Difficult-to-Fill Vacancies in the Health Care Field, British Columbia, 1980-1986.* June 1987. (C. Kinnis)
HHRU 88:1(1) (HMRU 88:1(1))	*The Nurse Manpower Study. Volume I: Report of the Nurse Manpower Study Advisory Committee.* February 1988.
HHRU 88:1(2) (HMRU 88:1(2))	*The Nurse Manpower Study. Volume II: A Synthesis of the Nurse Manpower Data in British Columbia.* February 1988. (I. Pulcins, A. Kazanjian, K. Kerluke)
HHRU 88:1(3) (HMRU 88:1(3))	*The Nurse Manpower Study. Volume III: Influence of the Workplace on Nurse Manpower Supply in British Columbia: An Exploratory Study.* February 1988. (D.G. Layton)
HHRU 88:2 (HMRU 88:2)	*Diagnostic Ultrasound in British Columbia, 1986.* March 1988. (C. Kinnis, M.L. Barer)
HHRU 88:3 (HMRU 88:3)	*Social Workers in Health Care Settings in British Columbia, 1987. A Status Report.* March 1988. (I. Pulcins, S. Chan)
HHRU 88:4 (HMRU 88:4)	*ROLLCALL 87. A Status Report of Health Personnel in the Province of British Columbia.* March 1988.
HHRU 88:5 (HMRU 88:5)	*PRODUCTION 87. A Status Report on the Production of Health and Human Services Personnel in the Province of British Columbia.* March 1988.
HHRU 88:6 (HMRU 88:6)	*Supply of and Requirements for Academic Medical Manpower in British Columbia.* May 1988. (M.L. Barer, A. Kazanjian, N. Pagliccia)
HHRU 88:7 (HMRU 88:7)	*Place of Graduation for Selected Health Occupations - 1987.* August 1988. (K. Kerluke, C. Jackson, A. Kazanjian)
HHRU 89:1 (HMRU 89:1)	*ROLLCALL UPDATE 88. A Status Report of Selected Health Personnel in the Province of British Columbia.* March 1988.

HHRU 89:2 (HMRU 89:2) *Health Managers in B.C. Part I: Methods and Preliminary Findings From Survey of Chief Executive Officers.* July 1989. (A. Kazanjian, N. Pagliccia, C. Jackson)

HHRU 89:3 (HMRU 89:3) *Fee Practice Medical Service Expenditures Per Capita, and Full-Time-Equivalent Physicians in British Columbia, 1987-88.* August 1989. (A. Kazanjian, P. Wong Fung, M.L. Barer)

HHRU 89:4 (HMRU 89:4) *Providers of Vision Care in British Columbia: A Report on the Status of Ophthalmologists and Optometrists, and On the Utilization of Ophthalmological and Optometric Services, 1975-1988.* July 1989. (I. Pulcins, P. Wong Fung, C. Jackson, K. Kerluke, A. Kazanjian)

HHRU 90:1 (HMRU 90:1) *Nurse Deployment Patterns: Examples for Health Human Resources Management.* February 1990. (A. Kazanjian, I. Pulcins, K. Kerluke)

HHRU 90:2 (HMRU 90:2) *Proceedings of the Workshop on Priorities in Health Human Resources Research in Canada.* March 1990. (A. Kazanjian, K. Friesen)

HHRU 90:3 (HMRU 90:3) *ROLLCALL 89. A Status Report of Health Personnel in the Province of British Columbia.* March 1990.

HHRU 90:4 (HMRU 90:4) *PRODUCTION 89. A Status Report on the Production of Health and Human Services Personnel in the Province of British Columbia.* March 1990.

HHRU 90:5 (HMRU 90:5) *Health Personnel Modelling: A Bibliography With Abstracts.* June 1990. (N. Pagliccia, C. Jackson, A. Kazanjian)

HHRU 90:6 (HMRU 90:6) *Health Managers in B.C. Part II: Who Manages Our System? - Sociodemographic Characteristics, Employment Patterns, Educational Background and Training of Health Managers.* June 1990. (A. Kazanjian, C. Jackson, N. Pagliccia)

HHRU 90:7 (HMRU 90:7) *Place of Graduation for Selected Health Occupations - 1989.* November 1990. (S. Cavalier, K. Kerluke, L. Wood)

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HHRU 92:3 *PRODUCTION 91. A Status Report on the Production of Health and Human Services Personnel in the Province of British Columbia.* May 1992.

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HHRU 92:6 *PLACE OF GRADUATION 91. A Status Report on Place of Graduation for Selected Health Personnel in the Province of British Columbia.* November 1992. (A. MacDonald, K. Kerluke, L.E. Apland, L. Wood)

HHRU 92:7 *Fee Practice Medical Service Expenditures per Capita, and Full-Time-Equivalent Physicians in British Columbia, 1989-1990.* November 1992. (A. Kazanjian, P. Wong Fung, M.L. Barer)

HHRU 92:8 *Diagnostic Medical Sonographers in British Columbia, 1991.* December 1992. (L.E. Apland, A. Kazanjian)

HHRU 93:1 *Study of Rural Physician Supply: Perceptions of Rural and Urban.* January 1993. (N. Pagliccia, L.E. Apland, A. Kazanjian)

HHRU 93:2 *Nursing Resources Models: Part I: Synthesis of the Literature and a Modelling Strategy for B.C.* February 1993. (N. Pagliccia, L. Wood, A. Kazanjian)

HHRU 93:3 *Nursing Resources in British Columbia: Trends, Tensions and Tentative Solutions.* February 1993. (A. Kazanjian, L. Wood) Also listed as Health Policy Research Unit Report HPRU 93:5D