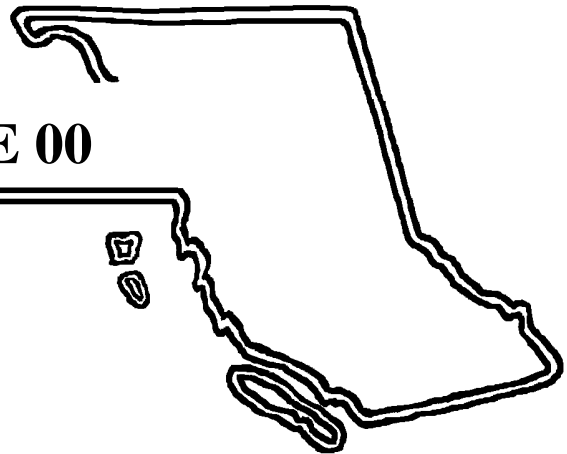


INVENTORY UPDATE 00



A REGIONAL ANALYSIS OF HEALTH PERSONNEL IN THE PROVINCE OF BRITISH COLUMBIA

HHRU 01:6

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FOREWORD

The Health Human Resources Unit (HHRU) was established as a demonstration project by the British Columbia Ministry of Health in 1973. Since that time, the Unit has continued to be funded on an ongoing basis (subject to annual review) as part of the Centre for Health Services and Policy Research. 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 discussions of key current issues and available resources with the senior staff of the Ministry of Health. Various health care provider groups participate indirectly, through on-going formal and informal communications with Ministry of Health officials and with HHRU researchers.

Three types of research are included in the Unit's research agenda. In conjunction with professional licensing bodies or associations, the HHRU maintains the Cooperative Health Human Resources Database. The Unit uses these data to produce regular status reports that provide a basis for in-depth studies and for health human resources planning. The Unit undertakes more detailed analyses bearing on particular health human resources policy issues and assesses the impact of specific policy measures, using secondary analyses of data from the Cooperative Database, data from the administrative databases maintained under the HIDU, or primary data collected through surveys. The HHRU also conducts specific projects pertaining to the management of health human resources at local, regional and provincial levels.

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INVENTORY UPDATE 00 represents the culmination of six intensive months of data collection, consistency checks, table generation, definition and other text verification, proof-reading and analysis. The programmer team working on this edition was headed by Kerry Kerluke and included Harold Yip and Patrick Wong Fung. Allyson MacDonald, Laura Wood and Sherin Rahim-Jamal handled the data collection, editing and updating. Allyson MacDonald and Kerry Kerluke co-ordinated the report production. Tables were produced on an IBMTM compatible PC using, Microsoft® Excel 2000 and software written in FoxPROTM v2.5. Text was produced using Microsoft® Word 2000.

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INTRODUCTION

The Cooperative Health Human Resources Database (CHHRD), developed and maintained by the Health Human Resources Unit (HHRU) since 1973, provides the basis for a number of our regular and special reports. The *INVENTORY* series presents a regional analysis of health personnel in the province of British Columbia. The series has two components - *INVENTORY* and *INVENTORY UPDATE* - which are produced in alternate years. *INVENTORY UPDATE*, published for even-numbered years, contains information derived from the *ROLLCALL UPDATE* series about selected health professions for which annual electronic data are available through the CHHRD. These data are owned by the regulatory bodies and professional associations of each group.

The tables included in this report have been generated in response to a need for regional information about health human resources planning in British Columbia. They have been published in this format to increase the usability of *ROLLCALL UPDATE 00* information, but are not meant to replace that volume, which offers more detailed information about the eighteen health occupations or groups included in *INVENTORY UPDATE 00*.

Table 1 gives a brief outline, for each professional group, of the source of data and the dates of record used in producing these tables.

Table 1
Source of Data and Date of Record for Selected Health Personnel in B.C.

| <u>Occupation</u> | <u>Source of Data</u> | <u>Date of Record</u> |
|--|--|------------------------------|
| <i>Dental Services</i> | | |
| Certified Dental Assistants | College of Dental Surgeons of B.C. | Jun 2000 & Dec 2000 |
| Dental Hygienists | College of Dental Hygienists of B.C. | Dec 1999 & Nov 2000 |
| Dentists | College of Dental Surgeons of B.C. | Jun 2000 & Jan 2001 |
| <i>Medical & Treatment Services</i> | | |
| Acupuncturists | College of Traditional Chinese Medicine Practitioners & Acupuncturists of B.C. | Feb 2001 |
| Emergency Medical Assistants | Emergency Medical Assistant Licensing Board | Nov 1999 & Nov 2000 |
| First Responders | Emergency Medical Assistant Licensing Board | Nov 1999 & Nov 2000 |
| Midwives | College of Midwives of B.C. | Jan 2000 & Jan 2001 |
| Opticians | College of Opticians of B.C. | Nov 1999 & Nov 2000 |
| Pharmacists | College of Pharmacists of B.C. | Apr 2000 & Dec 2000 |
| Physicians | College of Physicians and Surgeons of B.C. | Sep 1999 & Oct 2000 |
| <i>Nursing Services</i> | | |
| Licensed Practical Nurses | College of Licensed Practical Nurses of B.C. | Sep 1999 & Sep 2000 |
| Registered Nurses | Registered Nurses Association of B.C. | Dec 1999 & Dec 2000 |
| Licensed Graduate Nurses | Registered Nurses Association of B.C. | Dec 1999 & Dec 2000 |
| Registered Psychiatric Nurses | College of Registered Psychiatric Nurses of B.C. | Dec 1999 & Jan 2001 |
| <i>Nutrition & Dietary Services</i> | | |
| Dietitians & Nutritionists | B.C. Dietitians' and Nutritionists' Association | Dec 1999 & Mar 2001 |
| <i>Rehabilitation Services</i> | | |
| Massage Therapists | College of Massage Therapists of B.C. | Jan 2000 & Dec 2000 |
| Occupational Therapists | College of Occupational Therapists of B.C. | May 2001 |
| Physical Therapists | College of Physical Therapists of B.C. | Mar 1999 & Apr 2001 |

This edition of *INVENTORY UPDATE* includes for the first time data on the newly regulated profession of acupuncturists. The inclusion of acupuncturists was made possible this year because of the availability of a reliable registration database for this group.

Unlike past years, Psychologists do not appear in *INVENTORY UPDATE* this year because the College of Psychologists of B.C. (CPBC) did not supply data for psychologists, despite the HHRU's persistent efforts to procure the data. We refer you instead to *INVENTORY 99* for the most recent and accurate data available on this group.

Health Authorities (HAs) in British Columbia are now responsible for health human resources planning in their respective regions, thus this edition of *INVENTORY UPDATE* presents data by Health Authority (HA) rather than by Health Region (HR) as previous editions of *INVENTORY UPDATE* have done. The Health Authorities used in *INVENTORY UPDATE 00* comprise the eleven Regional Health Boards and the seven Community Health Services Societies. The boundaries of these Health Authorities are similar to those of the Health Regions with only two differences: the health regions of Vancouver and Richmond are combined into the Vancouver/Richmond Regional Health Board; and the health regions of Simon Fraser and Burnaby are combined into the Simon Fraser Regional Health Board. A map of the province's Health Authorities and a table showing the conversion between Local Health Areas, the Health Regions formerly used in *INVENTORY UPDATE* and the Health Authorities used in this edition is found in Appendix B.

The population 'projections' used this year are from P.E.O.P.L.E. #25 and are the most recent population 'projections' available from the Population Section, B.C. Stats (July 2000). All tables showing inter-temporal comparisons of personnel per 10,000 population distributions for 1998, 1999 and 2000 and rates of change for personnel-to-population ratios have been computed using the P.E.O.P.L.E. #25 population data. Therefore, the 1998 and 1999 personnel to population ratios that appear in *INVENTORY UPDATE 00* may differ from those reported in *INVENTORY 99* because they have been recalculated based on these updated population data.

Table 2 is reproduced from the Introduction to *ROLLCALL UPDATE 00* and presents data for the sixteen health professions and two sub-groups (first responders and licensed graduate nurses) by group type and employment status. All but one health profession included in the *INVENTORY UPDATE* series are now self-regulated groups, where registration with the regulatory body is required for employment in the field. Registered dietitians and nutritionists are the only remaining voluntary membership group, although this group is in the process of becoming a self-regulated health profession (please see the dietitians and nutritionists chapter for more information). Registered dietitians and nutritionists are included because electronic copies of their databases are readily available to the HHRU, and they are considered to have a fairly broad membership base. By definition, if a health profession is a voluntary membership group, all those employed in that field may not be included in the *INVENTORY UPDATE* tables. This should be kept in mind when using these data.

Table 2 also shows the varying proportions of each group that are known to be working in the field, compared to those that are not, and those for whom work status is unknown. The tables in the rest of this publication use *total* numbers for the group, as this represents the potential workforce in each region. The distinction between potential workforce and effective supply is an important one for health planners to make; the former represents health human resources available to the region, while the latter refers to health human resources currently deployed. More information about employment is available in *ROLLCALL UPDATE 00*.

Table 2
Health Personnel Groups in British Columbia
by Group Type by Employment Status
2000

| | Employed in Field ¹ | Not Employed In Field ² | Employment Status Unknown ³ | TOTAL |
|--|-----------------------------------|--|--|---------------|
| SELF-REGULATORY GROUPS | | | | |
| Certified Dental Assistants (CDSBC) | - | 443 | 4,543 | 4,986 |
| Dental Hygienists (CDHBC) | 1,532 | 64 | 157 | 1,753 |
| Dentists (CDSBC) | - | 114 | 2,584 | 2,698 |
| Acupuncturists (CTCMPABC) | - | - | 367 | 367 |
| Emergency Medical Assistants (EMALB) | 2,822 | - | - | 2,822 |
| First Responders ⁴ (EMALB) | 7,808 | - | - | 7,808 |
| Midwives (CMBC) | - | - | 61 | 61 |
| Opticians (COBC) | 1,036 | 212 | 65 | 1,313 |
| Pharmacists (CPBC) | 2,693 | 401 | - | 3,094 |
| Physicians (CPSBC) | - | - | 8,909 | 8,909 |
| Licensed Practical Nurses (CLPNBC) | 4,280 | 536 | 7 | 4,823 |
| Registered Nurses (RNABC) | 27,754 | 3,300 | - | 31,054 |
| Licensed Graduate Nurses (RNABC) | 186 | 28 | - | 214 |
| Registered Psychiatric Nurses (CRPNBC) | 2,203 | 277 | - | 2,480 |
| Massage Therapists (CMTBC) | 1,275 | 86 | 55 | 1,416 |
| Occupational Therapists (COTBC) | - | - | 1,177 | 1,177 |
| Physical Therapists (CPTBC) | 1,922 | 333 | 288 | 2,543 |
| SUB TOTAL | 53,511 | 5,794 | 18,213 | 77,518 |
| VOLUNTARY MEMBERSHIP GROUP | | | | |
| Dietitians and Nutritionists (BCDNA) | - | - | 794 | 794 |
| SUB TOTAL | - | - | 794 | 794 |

¹ Includes personnel who are known to be employed in the field as reported by the regulatory body or membership association.

² Includes personnel who have a membership or registration status which makes them ineligible for employment in the field, and those who are reported as "employed in another field", "unemployed", "on leave" or "not practicing" by the regulatory body, or membership association.

³ Includes personnel who have a membership or registration status which makes them eligible for employment in the field, but whose employment status is unknown.

⁴ Information is collected only for those known to be employed and certified as first responders. However, acting as a first responder is not the primary duty of this employment group (i.e., most are firemen or policemen).

The main body of this publication is comprised of tables, starting with a set of tables for provincial totals and followed by tables grouped by Health Authority, with tables for the eleven Regional Health Boards appearing first then followed by tables for the seven Community Health Services Societies. The first table for each Health Authority shows number and number per 10,000 population in 1999 and 2000 for each health occupation. The first table for each Health Authority also shows the average annual rates of change¹ in the number and number per 10,000 population. The average annual rate of change in number is the growth in the number of the health workforce for the year, while the average

¹ Average annual rate of change (in percent) in the number of personnel is computed as follows:

$$[(\text{Personnel 2000}/\text{Personnel 1999})^{12/n} - 1] \times 100,$$

where n=number of months separating the 1999 and 2000 data based on the dates of record listed for each group.

Average annual rate of change (in percent) in the number of personnel relative to the change in population is computed as follows:

$$[(\text{Personnel 2000}/\text{Personnel 1999}) \times (\text{Population 1999}/\text{Population 2000})]^{12/n} - 1] \times 100,$$

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

annual rate of change in ratio shows the growth in the number of the health workforce in relation to the growth in the population. For the latter statistic, a positive number indicates the health workforce grew faster than the general population, and a negative number indicates the health workforce grew more slowly than the general population. This first table also includes numbers of regional hospital beds, community pharmacies, and regional populations.

The second table for each Health Authority shows age and sex distribution for each of the groups for which it is available from *ROLLCALL UPDATE 00*. The final table produced for each Health Authority shows place of graduation information for those groups normally contained in the HHRU biennial series *PLACE OF GRADUATION* and for whom data are available this year.

Appendix A is a compilation of information for each health profession excerpted from *ROLLCALL UPDATE 00*. Included are definitions of types of registration status as well as other information that may be useful in using the tables. Employment address is used wherever possible to locate the health professionals. Specific percentages of home vs. employment or other address are outlined for each group. All of this information should be considered when interpreting numbers from the tables in this document.

REGIONAL DISTRIBUTIONS

Table 1
B.C. - TOTAL
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|------------------|------------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 4,887 | 4,986 | 12.15 | 12.26 | 4.09 | 1.85 |
| Dental Hygienists | 1,743 | 1,753 | 4.33 | 4.31 | 0.57 | -0.52 |
| Dentists | 2,666 | 2,698 | 6.63 | 6.63 | 2.07 | 0.18 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 367 | n/a | 0.90 | n/a | n/a |
| Emergency Medical Assistants | 2,802 | 2,822 | 6.96 | 6.94 | 0.66 | -0.35 |
| First Responders | 7,599 | 7,808 | 18.89 | 19.20 | 2.54 | 1.51 |
| Midwives | 57 | 61 | 0.14 | 0.15 | 7.02 | 5.86 |
| Opticians | 1,319 | 1,313 | 3.28 | 3.23 | -0.45 | -1.53 |
| Pharmacists | 3,008 | 3,094 | 7.48 | 7.61 | 4.32 | 2.63 |
| Physicians (Directory Active) | 8,809 | 8,909 | 21.90 | 21.90 | 1.05 | 0.04 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 4,863 | 4,823 | 12.09 | 11.86 | -0.82 | -1.90 |
| Registered Nurses | 31,512 | 31,054 | 78.33 | 76.35 | -1.45 | -2.52 |
| Licensed Graduate Nurses | 241 | 214 | 0.60 | 0.53 | -11.20 | -12.17 |
| Registered Psychiatric Nurses | 2,495 | 2,480 | 6.20 | 6.10 | -0.56 | -1.55 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 787 | 794 | 1.96 | 1.95 | 0.67 | -0.15 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 1,371 | 1,416 | 3.41 | 3.48 | 3.28 | 2.16 |
| Occupational Therapists ⁶ | n/a | 1,177 | n/a | 2.89 | n/a | n/a |
| Physical Therapists ⁷ | 2,394 | 2,543 | 5.99 | 6.25 | 2.94 | 2.10 |
| TOTAL⁸ | 76,553 | 76,768 | 190.28 | 188.75 | 0.14 | -0.40 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 9,001 | n/a | 22.13 | n/a | n/a |
| Extended Care Beds | n/a | 8,733 | n/a | 21.47 | n/a | n/a |
| TOTAL BEDS | n/a | 17,734 | n/a | 43.60 | n/a | n/a |
| <i>Community Pharmacies</i> | 753 | 746 | 1.87 | 1.83 | -1.39 | -2.99 |
| <i>Population</i> | 4,023,100 | 4,067,179 | n/a | n/a | 0.55 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 2
B.C. - TOTAL
Selected Health Personnel¹ by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Sex | |
|-------------------------------|------|-------|-------|--------|-------|--------|-------|--------|-------|-------|------|-----|-------------|-----|----------|--------|---------|--------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | Unknown | Total |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 478 | 6 | 1,777 | 1 | 1,907 | 1 | 720 | 0 | 80 | 0 | 3 | 0 | 10 | 8 | 4,975 | 3 | 4,986 |
| Dental Hygienists | 1 | 33 | 20 | 610 | 23 | 646 | 12 | 358 | 5 | 40 | 0 | 2 | 0 | 3 | 61 | 1,692 | 0 | 1,753 |
| Dentists | 1 | 0 | 323 | 211 | 586 | 239 | 695 | 118 | 371 | 22 | 122 | 4 | 5 | 1 | 2,103 | 595 | 0 | 2,698 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 93 | 52 | 577 | 255 | 778 | 290 | 488 | 134 | 115 | 26 | 1 | 0 | 9 | 4 | 2,061 | 761 | 0 | 2,822 |
| First Responders | 404 | 55 | 2,054 | 211 | 2,590 | 167 | 1,829 | 81 | 353 | 15 | 23 | 8 | 16 | 2 | 7,269 | 539 | 0 | 7,808 |
| Opticians | 23 | 27 | 68 | 141 | 91 | 122 | 94 | 82 | 32 | 22 | 2 | 1 | 282 | 326 | 592 | 721 | 0 | 1,313 |
| Pharmacists | 34 | 99 | 389 | 591 | 339 | 521 | 399 | 368 | 166 | 84 | 59 | 5 | 23 | 17 | 1,409 | 1,685 | 0 | 3,094 |
| Physicians (Directory Active) | 3 | 2 | 778 | 581 | 1,709 | 1,012 | 1,989 | 623 | 1,282 | 197 | 652 | 64 | 11 | 6 | 6,424 | 2,485 | 0 | 8,909 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 3 | 91 | 49 | 577 | 115 | 1,238 | 126 | 1,774 | 57 | 689 | 2 | 35 | 5 | 62 | 357 | 4,466 | 0 | 4,823 |
| Registered Nurses | 36 | 517 | 268 | 4,788 | 441 | 8,644 | 373 | 10,306 | 130 | 5,094 | 8 | 449 | 0 | 0 | 1,256 | 29,798 | 0 | 31,054 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 1 | 29 | 1 | 118 | 1 | 59 | 0 | 5 | 0 | 0 | 3 | 211 | 0 | 214 |
| Registered Psychiatric Nurses | 0 | 29 | 38 | 321 | 108 | 506 | 206 | 677 | 182 | 325 | 9 | 26 | 12 | 39 | 555 | 1,923 | 2 | 2,480 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 5 | 23 | 131 | 372 | 154 | 330 | 90 | 237 | 21 | 42 | 7 | 4 | 0 | 0 | 408 | 1,008 | 0 | 1,416 |
| Physical Therapists | 9 | 37 | 167 | 485 | 162 | 587 | 95 | 642 | 43 | 253 | 10 | 26 | 5 | 19 | 491 | 2,049 | 3 | 2,543 |
| TOTAL | 612 | 1,443 | 4,868 | 10,920 | 7,098 | 16,238 | 6,398 | 16,238 | 2,758 | 6,948 | 895 | 632 | 368 | 489 | 22,997 | 52,908 | 8 | 75,913 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 3
B.C. - TOTAL
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|-------|---------------|-------|---------|------|--------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 4,548 | 91.22 | 171 | 3.43 | 46 | 0.92 | 6 | 0.12 | 9 | 0.18 | 4,780 | 95.87 | 206 | 4.13 | 0 | 0.00 | 4,986 | 100.00 |
| Dental Hygienists | 885 | 50.48 | 172 | 9.81 | 157 | 8.96 | 244 | 13.92 | 147 | 8.39 | 1,605 | 91.56 | 148 | 8.44 | 0 | 0.00 | 1,753 | 100.00 |
| Dentists | 1,011 | 37.47 | 368 | 13.64 | 251 | 9.30 | 217 | 8.04 | 236 | 8.75 | 2,083 | 77.21 | 614 | 22.76 | 1 | 0.04 | 2,698 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 2,316 | 74.85 | 157 | 5.07 | 245 | 7.92 | 49 | 1.58 | 35 | 1.13 | 2,802 | 90.56 | 226 | 7.30 | 66 | 2.13 | 3,094 | 100.00 |
| Physicians (Directory Active) | 2,427 | 27.24 | 1,098 | 12.32 | 736 | 8.26 | 1,476 | 16.57 | 709 | 7.96 | 6,446 | 72.35 | 2,459 | 27.60 | 4 | 0.04 | 8,909 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 3,283 | 68.07 | 334 | 6.93 | 299 | 6.20 | 380 | 7.88 | 188 | 3.90 | 4,484 | 92.97 | 231 | 4.79 | 108 | 2.24 | 4,823 | 100.00 |
| Registered Nurses | 16,961 | 54.62 | 2,445 | 7.87 | 2,414 | 7.77 | 3,061 | 9.86 | 1,586 | 5.11 | 26,467 | 85.23 | 4,576 | 14.74 | 11 | 0.04 | 31,054 | 100.00 |
| Registered Psychiatric Nurses | 1,604 | 64.68 | 100 | 4.03 | 290 | 11.69 | 0 | 0.00 | 0 | 0.00 | 1,994 | 80.40 | 308 | 12.42 | 178 | 7.18 | 2,480 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 385 | 48.49 | 81 | 10.20 | 71 | 8.94 | 94 | 11.84 | 101 | 12.72 | 732 | 92.19 | 59 | 7.43 | 3 | 0.38 | 794 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 1,040 | 73.45 | 3 | 0.21 | 4 | 0.28 | 338 | 23.87 | 1 | 0.07 | 1,386 | 97.88 | 19 | 1.34 | 11 | 0.78 | 1,416 | 100.00 |
| Physical Therapists | 754 | 29.65 | 230 | 9.04 | 178 | 7.00 | 356 | 14.00 | 173 | 6.80 | 1,691 | 66.50 | 767 | 30.16 | 85 | 3.34 | 2,543 | 100.00 |
| TOTAL | 35,214 | 54.55 | 5,159 | 7.99 | 4,691 | 7.27 | 6,221 | 9.64 | 3,185 | 4.93 | 54,470 | 84.38 | 9,613 | 14.89 | 467 | 0.72 | 64,550 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 4
North Okanagan Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 140 | 143 | 11.83 | 11.99 | 4.33 | 2.73 |
| Dental Hygienists | 45 | 50 | 3.80 | 4.19 | 11.11 | 10.25 |
| Dentists | 58 | 60 | 4.90 | 5.03 | 5.98 | 4.58 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 0 | n/a | 0.00 | n/a | n/a |
| Emergency Medical Assistants | 89 | 87 | 7.52 | 7.30 | -2.08 | -2.77 |
| First Responders | 183 | 206 | 15.47 | 17.27 | 11.55 | 10.75 |
| Midwives | 0 | 0 | 0.00 | 0.00 | * | * |
| Opticians | 32 | 32 | 2.70 | 2.68 | 0.00 | -0.77 |
| Pharmacists | 73 | 72 | 6.17 | 6.04 | -2.05 | -3.18 |
| Physicians (Directory Active) | 203 | 206 | 17.16 | 17.27 | 1.36 | 0.64 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 202 | 198 | 17.07 | 16.60 | -1.98 | -2.74 |
| Registered Nurses | 796 | 784 | 67.27 | 65.74 | -1.51 | -2.27 |
| Licensed Graduate Nurses | 0 | 0 | 0.00 | 0.00 | * | * |
| Registered Psychiatric Nurses | 76 | 71 | 6.42 | 5.95 | -6.09 | -6.76 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 19 | 17 | 1.61 | 1.43 | -8.00 | -8.54 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 52 | 53 | 4.39 | 4.44 | 1.92 | 1.14 |
| Occupational Therapists ⁶ | n/a | 20 | n/a | 1.68 | n/a | n/a |
| Physical Therapists ⁷ | 76 | 76 | 6.45 | 6.37 | 0.00 | -0.58 |
| TOTAL⁸ | 2,044 | 2,055 | 172.74 | 172.33 | 0.27 | -0.12 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 261 | n/a | 21.89 | n/a | n/a |
| Extended Care Beds | n/a | 325 | n/a | 27.25 | n/a | n/a |
| TOTAL BEDS | n/a | 586 | n/a | 49.14 | n/a | n/a |
| <i>Community Pharmacies</i> | 20 | 20 | 1.69 | 1.68 | 0.00 | -1.16 |
| <i>Population</i> | 118,329 | 119,250 | n/a | n/a | 0.39 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 5
North Okanagan Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|---|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 8 | 0 | 50 | 0 | 51 | 0 | 28 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 143 | 143 |
| Dental Hygienists | 0 | 1 | 0 | 20 | 0 | 18 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 49 | 50 |
| Dentists | 0 | 0 | 9 | 4 | 13 | 3 | 18 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 53 | 7 | 60 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 2 | 0 | 15 | 5 | 19 | 10 | 18 | 8 | 9 | 1 | 0 | 0 | 0 | 0 | 63 | 24 | 87 |
| First Responders | 19 | 4 | 38 | 7 | 65 | 11 | 39 | 7 | 13 | 2 | 1 | 0 | 0 | 0 | 175 | 31 | 206 |
| Opticians | 0 | 0 | 0 | 2 | 1 | 4 | 5 | 3 | 2 | 1 | 0 | 0 | 7 | 7 | 15 | 17 | 32 |
| Pharmacists | 0 | 0 | 5 | 9 | 15 | 10 | 17 | 8 | 5 | 1 | 2 | 0 | 0 | 0 | 44 | 28 | 72 |
| Physicians (Directory Active) | 0 | 0 | 20 | 10 | 57 | 18 | 40 | 8 | 33 | 3 | 17 | 0 | 0 | 0 | 167 | 39 | 206 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 3 | 3 | 21 | 1 | 47 | 3 | 82 | 1 | 34 | 0 | 2 | 1 | 0 | 9 | 189 | 198 |
| Registered Nurses | 1 | 4 | 3 | 67 | 6 | 206 | 5 | 334 | 1 | 151 | 0 | 6 | 0 | 0 | 16 | 768 | 784 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 1 | 1 | 11 | 4 | 33 | 6 | 13 | 0 | 1 | 0 | 1 | 11 | 60 | 71 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 1 | 2 | 15 | 6 | 17 | 6 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 14 | 39 | 53 |
| Physical Therapists | 0 | 2 | 4 | 10 | 7 | 17 | 6 | 19 | 2 | 7 | 1 | 1 | 0 | 0 | 20 | 56 | 76 |
| <hr/> | | | | | | | | | | | | | | | | | |
| TOTAL | 22 | 23 | 99 | 221 | 191 | 423 | 162 | 545 | 85 | 219 | 21 | 10 | 8 | 9 | 588 | 1,450 | 2,038 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 6
North Okanagan Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | TOTAL | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 123 | 86.01 | 9 | 6.29 | 2 | 1.40 | 0 | 0.00 | 0 | 0.00 | 134 | 93.71 | 9 | 6.29 | 0 | 0.00 | 143 | 100.00 |
| Dental Hygienists | 21 | 42.00 | 9 | 18.00 | 9 | 18.00 | 4 | 8.00 | 2 | 4.00 | 45 | 90.00 | 5 | 10.00 | 0 | 0.00 | 50 | 100.00 |
| Dentists | 22 | 36.67 | 17 | 28.33 | 8 | 13.33 | 3 | 5.00 | 5 | 8.33 | 55 | 91.67 | 5 | 8.33 | 0 | 0.00 | 60 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 52 | 72.22 | 3 | 4.17 | 14 | 19.44 | 0 | 0.00 | 0 | 0.00 | 69 | 95.83 | 3 | 4.17 | 0 | 0.00 | 72 | 100.00 |
| Physicians (Directory Active) | 59 | 28.64 | 37 | 17.96 | 29 | 14.08 | 20 | 9.71 | 17 | 8.25 | 162 | 78.64 | 44 | 21.36 | 0 | 0.00 | 206 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 121 | 61.11 | 28 | 14.14 | 19 | 9.60 | 16 | 8.08 | 5 | 2.53 | 189 | 95.45 | 2 | 1.01 | 7 | 3.54 | 198 | 100.00 |
| Registered Nurses | 462 | 58.93 | 114 | 14.54 | 76 | 9.69 | 59 | 7.53 | 30 | 3.83 | 741 | 94.52 | 43 | 5.48 | 0 | 0.00 | 784 | 100.00 |
| Registered Psychiatric Nurses | 45 | 63.38 | 9 | 12.68 | 10 | 14.08 | 0 | 0.00 | 0 | 0.00 | 64 | 90.14 | 1 | 1.41 | 6 | 8.45 | 71 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 8 | 47.06 | 1 | 5.88 | 1 | 5.88 | 1 | 5.88 | 3 | 17.65 | 14 | 82.35 | 3 | 17.65 | 0 | 0.00 | 17 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 40 | 75.47 | 0 | 0.00 | 1 | 1.89 | 12 | 22.64 | 0 | 0.00 | 53 | 100.00 | 0 | 0.00 | 0 | 0.00 | 53 | 100.00 |
| Physical Therapists | 25 | 32.89 | 12 | 15.79 | 9 | 11.84 | 8 | 10.53 | 2 | 2.63 | 56 | 73.68 | 20 | 26.32 | 0 | 0.00 | 76 | 100.00 |
| TOTAL | 978 | 56.53 | 239 | 13.82 | 178 | 10.29 | 123 | 7.11 | 64 | 3.70 | 1,582 | 91.45 | 135 | 7.80 | 13 | 0.75 | 1,730 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 7
Okanagan Similkameen Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 328 | 327 | 14.21 | 14.03 | -0.61 | -2.61 |
| Dental Hygienists | 112 | 123 | 4.85 | 5.28 | 9.82 | 8.71 |
| Dentists | 126 | 130 | 5.46 | 5.58 | 5.50 | 3.68 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 5 | n/a | 0.21 | n/a | n/a |
| Emergency Medical Assistants | 180 | 181 | 7.80 | 7.76 | 0.51 | -0.43 |
| First Responders | 442 | 452 | 19.15 | 19.39 | 2.09 | 1.13 |
| Midwives | 2 | 2 | 0.09 | 0.09 | * | * |
| Opticians | 94 | 93 | 4.07 | 3.99 | -1.06 | -2.07 |
| Pharmacists | 172 | 183 | 7.45 | 7.85 | 9.74 | 8.08 |
| Physicians (Directory Active) | 418 | 439 | 18.11 | 18.83 | 4.63 | 3.65 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 499 | 489 | 21.62 | 20.98 | -2.00 | -3.00 |
| Registered Nurses | 1,846 | 1,807 | 79.99 | 77.51 | -2.11 | -3.10 |
| Licensed Graduate Nurses | 5 | 5 | 0.22 | 0.21 | * | * |
| Registered Psychiatric Nurses | 109 | 113 | 4.72 | 4.85 | 3.38 | 2.42 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 42 | 42 | 1.82 | 1.80 | 0.00 | -0.76 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 86 | 98 | 3.73 | 4.20 | 13.95 | 12.80 |
| Occupational Therapists ⁶ | n/a | 96 | n/a | 4.12 | n/a | n/a |
| Physical Therapists ⁷ | 146 | 162 | 6.37 | 6.95 | 5.12 | 4.30 |
| TOTAL⁸ | 4,607 | 4,646 | 199.63 | 199.29 | 0.42 | -0.09 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 530 | n/a | 22.73 | n/a | n/a |
| Extended Care Beds | n/a | 673 | n/a | 28.87 | n/a | n/a |
| TOTAL BEDS | n/a | 1,203 | n/a | 51.60 | n/a | n/a |
| <i>Community Pharmacies</i> | 45 | 47 | 1.95 | 2.02 | 6.74 | 5.12 |
| <i>Population</i> | 230,773 | 233,133 | n/a | n/a | 0.51 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 8
Okanagan Similkameen Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-------|-------|-------|-------|-----|------|----|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 28 | 2 | 112 | 0 | 126 | 0 | 53 | 0 | 4 | 0 | 2 | 0 | 0 | 2 | 325 | 327 |
| Dental Hygienists | 0 | 2 | 2 | 39 | 0 | 52 | 1 | 24 | 0 | 2 | 0 | 0 | 0 | 1 | 3 | 120 | 123 |
| Dentists | 1 | 0 | 18 | 9 | 28 | 8 | 40 | 1 | 19 | 0 | 6 | 0 | 0 | 0 | 112 | 18 | 130 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 5 | 6 | 40 | 16 | 49 | 14 | 37 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 140 | 41 | 181 |
| First Responders | 42 | 4 | 123 | 4 | 136 | 8 | 94 | 6 | 30 | 0 | 4 | 0 | 1 | 0 | 430 | 22 | 452 |
| Opticians | 0 | 2 | 1 | 12 | 5 | 11 | 5 | 15 | 3 | 4 | 0 | 0 | 19 | 16 | 33 | 60 | 93 |
| Pharmacists | 3 | 6 | 24 | 28 | 22 | 23 | 23 | 22 | 18 | 3 | 8 | 1 | 1 | 1 | 99 | 84 | 183 |
| Physicians (Directory Active) | 0 | 0 | 26 | 14 | 113 | 52 | 114 | 19 | 74 | 6 | 19 | 2 | 0 | 0 | 346 | 93 | 439 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 1 | 6 | 10 | 62 | 19 | 119 | 14 | 175 | 4 | 70 | 0 | 3 | 0 | 6 | 48 | 441 | 489 |
| Registered Nurses | 1 | 26 | 23 | 227 | 22 | 505 | 17 | 634 | 8 | 313 | 0 | 31 | 0 | 0 | 71 | 1,736 | 1,807 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| Registered Psychiatric Nurses | 0 | 1 | 3 | 13 | 4 | 23 | 13 | 25 | 1 | 25 | 0 | 1 | 1 | 3 | 22 | 91 | 113 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 2 | 2 | 6 | 21 | 16 | 18 | 10 | 17 | 1 | 3 | 2 | 0 | 0 | 0 | 37 | 61 | 98 |
| Physical Therapists | 0 | 0 | 12 | 24 | 17 | 48 | 6 | 40 | 2 | 11 | 2 | 0 | 0 | 0 | 39 | 123 | 162 |
| TOTAL | 55 | 83 | 290 | 581 | 431 | 1,008 | 374 | 1,038 | 169 | 443 | 41 | 40 | 22 | 27 | 1,382 | 3,220 | 4,602 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 9
Okanagan Similkameen Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|-------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 293 | 89.60 | 17 | 5.20 | 7 | 2.14 | 1 | 0.31 | 0 | 0.00 | 318 | 97.25 | 9 | 2.75 | 0 | 0.00 | 327 | 100.00 |
| Dental Hygienists | 52 | 42.28 | 24 | 19.51 | 15 | 12.20 | 15 | 12.20 | 4 | 3.25 | 110 | 89.43 | 13 | 10.57 | 0 | 0.00 | 123 | 100.00 |
| Dentists | 31 | 23.85 | 28 | 21.54 | 19 | 14.62 | 10 | 7.69 | 17 | 13.08 | 105 | 80.77 | 25 | 19.23 | 0 | 0.00 | 130 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 126 | 68.85 | 21 | 11.48 | 28 | 15.30 | 1 | 0.55 | 0 | 0.00 | 176 | 96.17 | 4 | 2.19 | 3 | 1.64 | 183 | 100.00 |
| Physicians (Directory Active) | 109 | 24.83 | 78 | 17.77 | 66 | 15.03 | 84 | 19.13 | 24 | 5.47 | 361 | 82.23 | 78 | 17.77 | 0 | 0.00 | 439 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 347 | 70.96 | 47 | 9.61 | 38 | 7.77 | 26 | 5.32 | 15 | 3.07 | 473 | 96.73 | 7 | 1.43 | 9 | 1.84 | 489 | 100.00 |
| Registered Nurses | 971 | 53.74 | 243 | 13.45 | 252 | 13.95 | 172 | 9.52 | 68 | 3.76 | 1,706 | 94.41 | 101 | 5.59 | 0 | 0.00 | 1,807 | 100.00 |
| Registered Psychiatric Nurses | 58 | 51.33 | 13 | 11.50 | 29 | 25.66 | 0 | 0.00 | 0 | 0.00 | 100 | 88.50 | 4 | 3.54 | 9 | 7.96 | 113 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 21 | 50.00 | 5 | 11.90 | 6 | 14.29 | 7 | 16.67 | 2 | 4.76 | 41 | 97.62 | 1 | 2.38 | 0 | 0.00 | 42 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 63 | 64.29 | 1 | 1.02 | 0 | 0.00 | 31 | 31.63 | 0 | 0.00 | 95 | 96.94 | 2 | 2.04 | 1 | 1.02 | 98 | 100.00 |
| Physical Therapists | 45 | 27.78 | 16 | 9.88 | 22 | 13.58 | 23 | 14.20 | 12 | 7.41 | 118 | 72.84 | 41 | 25.31 | 3 | 1.85 | 162 | 100.00 |
| TOTAL | 2,116 | 54.08 | 493 | 12.60 | 482 | 12.32 | 370 | 9.46 | 142 | 3.63 | 3,603 | 92.08 | 285 | 7.28 | 25 | 0.64 | 3,913 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 10
Thompson Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 167 | 172 | 12.31 | 12.50 | 6.08 | 3.08 |
| Dental Hygienists | 57 | 54 | 4.20 | 3.92 | -5.26 | -6.61 |
| Dentists | 59 | 61 | 4.35 | 4.43 | 5.88 | 3.31 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 2 | n/a | 0.15 | n/a | n/a |
| Emergency Medical Assistants | 204 | 212 | 15.04 | 15.40 | 3.61 | 2.25 |
| First Responders | 264 | 262 | 19.46 | 19.04 | -0.70 | -2.00 |
| Midwives | 0 | 0 | 0.00 | 0.00 | * | * |
| Opticians | 34 | 33 | 2.51 | 2.40 | -2.94 | -4.32 |
| Pharmacists | 84 | 89 | 6.19 | 6.47 | 9.06 | 6.74 |
| Physicians (Directory Active) | 209 | 208 | 15.40 | 15.11 | -0.44 | -1.75 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 194 | 198 | 14.30 | 14.39 | 2.06 | 0.61 |
| Registered Nurses | 1,067 | 1,042 | 78.64 | 75.71 | -2.34 | -3.73 |
| Licensed Graduate Nurses | 1 | 1 | 0.07 | 0.07 | * | * |
| Registered Psychiatric Nurses | 51 | 48 | 3.76 | 3.49 | -5.44 | -6.68 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 21 | 24 | 1.55 | 1.74 | 10.53 | 9.35 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 38 | 40 | 2.80 | 2.91 | 5.26 | 3.77 |
| Occupational Therapists ⁶ | n/a | 27 | n/a | 1.96 | n/a | n/a |
| Physical Therapists ⁷ | 60 | 60 | 4.44 | 4.36 | 0.00 | -0.91 |
| TOTAL⁸ | 2,510 | 2,504 | 184.99 | 181.93 | -0.12 | -0.83 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 329 | n/a | 23.90 | n/a | n/a |
| Extended Care Beds | n/a | 255 | n/a | 18.53 | n/a | n/a |
| TOTAL BEDS | n/a | 584 | n/a | 42.43 | n/a | n/a |
| <i>Community Pharmacies</i> | 26 | 26 | 1.92 | 1.89 | 0.00 | -2.12 |
| <i>Population</i> | 135,683 | 137,639 | n/a | n/a | 0.72 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 11
Thompson Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|---|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 13 | 0 | 57 | 0 | 71 | 0 | 30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 172 | 172 |
| Dental Hygienists | 0 | 1 | 1 | 19 | 0 | 23 | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 53 | 54 |
| Dentists | 0 | 0 | 7 | 6 | 14 | 3 | 20 | 0 | 7 | 0 | 4 | 0 | 0 | 0 | 52 | 9 | 61 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 15 | 7 | 51 | 18 | 44 | 29 | 36 | 5 | 5 | 1 | 0 | 0 | 1 | 0 | 152 | 60 | 212 |
| First Responders | 11 | 3 | 75 | 17 | 76 | 13 | 52 | 2 | 12 | 1 | 0 | 0 | 0 | 0 | 226 | 36 | 262 |
| Opticians | 1 | 0 | 2 | 3 | 3 | 2 | 2 | 5 | 0 | 0 | 0 | 0 | 6 | 9 | 14 | 19 | 33 |
| Pharmacists | 2 | 2 | 18 | 9 | 4 | 17 | 15 | 7 | 6 | 4 | 3 | 0 | 2 | 0 | 50 | 39 | 89 |
| Physicians (Directory Active) | 0 | 0 | 13 | 7 | 53 | 12 | 59 | 14 | 37 | 1 | 10 | 1 | 1 | 0 | 173 | 35 | 208 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 0 | 1 | 9 | 1 | 44 | 3 | 103 | 1 | 32 | 0 | 0 | 0 | 4 | 6 | 192 | 198 |
| Registered Nurses | 0 | 9 | 11 | 169 | 14 | 318 | 5 | 363 | 2 | 143 | 1 | 7 | 0 | 0 | 33 | 1,009 | 1,042 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 4 | 0 | 6 | 1 | 16 | 6 | 12 | 0 | 1 | 1 | 1 | 8 | 40 | 48 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 2 | 2 | 12 | 3 | 12 | 2 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | 8 | 32 | 40 |
| Physical Therapists | 0 | 1 | 1 | 5 | 4 | 16 | 6 | 15 | 2 | 10 | 0 | 0 | 0 | 0 | 13 | 47 | 60 |
| <hr/> | | | | | | | | | | | | | | | | | |
| TOTAL | 29 | 38 | 182 | 335 | 216 | 566 | 201 | 572 | 78 | 210 | 19 | 9 | 11 | 14 | 736 | 1,744 | 2,480 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 12
Thompson Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|-------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 154 | 89.53 | 15 | 8.72 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 169 | 98.26 | 3 | 1.74 | 0 | 0.00 | 172 | 100.00 |
| Dental Hygienists | 27 | 50.00 | 10 | 18.52 | 4 | 7.41 | 5 | 9.26 | 5 | 9.26 | 51 | 94.44 | 3 | 5.56 | 0 | 0.00 | 54 | 100.00 |
| Dentists | 29 | 47.54 | 9 | 14.75 | 9 | 14.75 | 6 | 9.84 | 2 | 3.28 | 55 | 90.16 | 6 | 9.84 | 0 | 0.00 | 61 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 73 | 82.02 | 4 | 4.49 | 8 | 8.99 | 0 | 0.00 | 0 | 0.00 | 85 | 95.51 | 3 | 3.37 | 1 | 1.12 | 89 | 100.00 |
| Physicians (Directory Active) | 46 | 22.12 | 41 | 19.71 | 21 | 10.10 | 38 | 18.27 | 13 | 6.25 | 159 | 76.44 | 49 | 23.56 | 0 | 0.00 | 208 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 124 | 62.63 | 21 | 10.61 | 21 | 10.61 | 11 | 5.56 | 8 | 4.04 | 185 | 93.43 | 7 | 3.54 | 6 | 3.03 | 198 | 100.00 |
| Registered Nurses | 721 | 69.19 | 96 | 9.21 | 72 | 6.91 | 80 | 7.68 | 29 | 2.78 | 998 | 95.78 | 44 | 4.22 | 0 | 0.00 | 1,042 | 100.00 |
| Registered Psychiatric Nurses | 30 | 62.50 | 1 | 2.08 | 5 | 10.42 | 0 | 0.00 | 0 | 0.00 | 36 | 75.00 | 5 | 10.42 | 7 | 14.58 | 48 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 12 | 50.00 | 3 | 12.50 | 2 | 8.33 | 1 | 4.17 | 3 | 12.50 | 21 | 87.50 | 2 | 8.33 | 1 | 4.17 | 24 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 31 | 77.50 | 0 | 0.00 | 1 | 2.50 | 8 | 20.00 | 0 | 0.00 | 40 | 100.00 | 0 | 0.00 | 0 | 0.00 | 40 | 100.00 |
| Physical Therapists | 22 | 36.67 | 7 | 11.67 | 6 | 10.00 | 4 | 6.67 | 4 | 6.67 | 43 | 71.67 | 17 | 28.33 | 0 | 0.00 | 60 | 100.00 |
| TOTAL | 1,269 | 63.58 | 207 | 10.37 | 149 | 7.46 | 153 | 7.67 | 64 | 3.21 | 1,842 | 92.28 | 139 | 6.96 | 15 | 0.75 | 1,996 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 13
Fraser Valley Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 366 | 373 | 15.24 | 15.34 | 3.86 | 1.29 |
| Dental Hygienists | 82 | 83 | 3.41 | 3.41 | 1.22 | -0.04 |
| Dentists | 94 | 98 | 3.91 | 4.03 | 7.41 | 5.12 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 4 | n/a | 0.16 | n/a | n/a |
| Emergency Medical Assistants | 126 | 142 | 5.25 | 5.84 | 11.67 | 10.38 |
| First Responders | 359 | 401 | 14.95 | 16.49 | 10.75 | 9.48 |
| Midwives | 1 | 1 | 0.04 | 0.04 | * | * |
| Opticians | 81 | 79 | 3.37 | 3.25 | -2.47 | -3.68 |
| Pharmacists | 147 | 159 | 6.12 | 6.54 | 12.49 | 10.39 |
| Physicians (Directory Active) | 336 | 330 | 13.99 | 13.57 | -1.65 | -2.78 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 215 | 205 | 8.95 | 8.43 | -4.65 | -5.84 |
| Registered Nurses | 1,401 | 1,387 | 58.34 | 57.04 | -1.00 | -2.23 |
| Licensed Graduate Nurses | 7 | 6 | 0.29 | 0.25 | * | * |
| Registered Psychiatric Nurses | 130 | 129 | 5.41 | 5.30 | -0.71 | -1.85 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 24 | 24 | 1.00 | 0.99 | 0.00 | -0.94 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 44 | 45 | 1.83 | 1.85 | 2.27 | 1.00 |
| Occupational Therapists ⁶ | n/a | 36 | n/a | 1.48 | n/a | n/a |
| Physical Therapists ⁷ | 78 | 80 | 3.27 | 3.29 | 1.22 | 0.25 |
| TOTAL⁸ | 3,491 | 3,542 | 145.37 | 145.66 | 0.73 | 0.10 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 401 | n/a | 16.49 | n/a | n/a |
| Extended Care Beds | n/a | 601 | n/a | 24.71 | n/a | n/a |
| TOTAL BEDS | n/a | 1,002 | n/a | 41.20 | n/a | n/a |
| <i>Community Pharmacies</i> | 44 | 45 | 1.83 | 1.85 | 3.43 | 1.50 |
| <i>Population</i> | 240,144 | 243,175 | n/a | n/a | 0.63 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 14
Fraser Valley Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 59 | 1 | 133 | 0 | 141 | 0 | 34 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 372 | 373 |
| Dental Hygienists | 0 | 3 | 1 | 26 | 1 | 33 | 2 | 14 | 1 | 2 | 0 | 0 | 0 | 0 | 5 | 78 | 83 |
| Dentists | 0 | 0 | 14 | 6 | 26 | 6 | 27 | 4 | 13 | 0 | 2 | 0 | 0 | 0 | 82 | 16 | 98 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 10 | 3 | 25 | 14 | 43 | 8 | 32 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 116 | 26 | 142 |
| First Responders | 31 | 1 | 125 | 7 | 167 | 4 | 53 | 2 | 9 | 0 | 1 | 0 | 1 | 0 | 387 | 14 | 401 |
| Opticians | 2 | 3 | 4 | 12 | 4 | 5 | 5 | 5 | 2 | 3 | 1 | 0 | 15 | 18 | 33 | 46 | 79 |
| Pharmacists | 3 | 1 | 32 | 27 | 24 | 20 | 20 | 16 | 8 | 3 | 5 | 0 | 0 | 0 | 92 | 67 | 159 |
| Physicians (Directory Active) | 0 | 0 | 23 | 18 | 81 | 22 | 73 | 20 | 52 | 7 | 31 | 3 | 0 | 0 | 260 | 70 | 330 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 2 | 0 | 18 | 4 | 70 | 3 | 68 | 1 | 33 | 0 | 2 | 0 | 4 | 8 | 197 | 205 |
| Registered Nurses | 1 | 23 | 10 | 212 | 13 | 384 | 15 | 460 | 9 | 235 | 1 | 24 | 0 | 0 | 49 | 1,338 | 1,387 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| Registered Psychiatric Nurses | 0 | 1 | 4 | 11 | 3 | 19 | 11 | 37 | 19 | 16 | 4 | 1 | 1 | 2 | 42 | 87 | 129 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 7 | 10 | 4 | 6 | 6 | 10 | 1 | 0 | 1 | 0 | 0 | 0 | 19 | 26 | 45 |
| Physical Therapists | 0 | 3 | 11 | 15 | 5 | 12 | 3 | 18 | 4 | 9 | 0 | 0 | 0 | 0 | 23 | 57 | 80 |
| <hr/> | | | | | | | | | | | | | | | | | |
| TOTAL | 47 | 99 | 257 | 509 | 375 | 730 | 250 | 691 | 125 | 317 | 46 | 30 | 17 | 24 | 1,117 | 2,400 | 3,517 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 15
Fraser Valley Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|--|---------------------|--------------|------------|-------------|-------------------------|-------------|------------|-------------|--------------|-------------|-----------------|--------------|---------------|--------------|-----------|-------------|--------------|---------------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 352 | 94.37 | 7 | 1.88 | 2 | 0.54 | 0 | 0.00 | 2 | 0.54 | 363 | 97.32 | 10 | 2.68 | 0 | 0.00 | 373 | 100.00 |
| Dental Hygienists | 33 | 39.76 | 3 | 3.61 | 8 | 9.64 | 18 | 21.69 | 14 | 16.87 | 76 | 91.57 | 7 | 8.43 | 0 | 0.00 | 83 | 100.00 |
| Dentists | 42 | 42.86 | 15 | 15.31 | 11 | 11.22 | 1 | 1.02 | 8 | 8.16 | 77 | 78.57 | 21 | 21.43 | 0 | 0.00 | 98 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 123 | 77.36 | 7 | 4.40 | 11 | 6.92 | 1 | 0.63 | 0 | 0.00 | 142 | 89.31 | 16 | 10.06 | 1 | 0.63 | 159 | 100.00 |
| Physicians (Directory Active) | 89 | 26.97 | 33 | 10.00 | 39 | 11.82 | 44 | 13.33 | 17 | 5.15 | 222 | 67.27 | 108 | 32.73 | 0 | 0.00 | 330 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 114 | 55.61 | 21 | 10.24 | 20 | 9.76 | 23 | 11.22 | 14 | 6.83 | 192 | 93.66 | 7 | 3.41 | 6 | 2.93 | 205 | 100.00 |
| Registered Nurses | 769 | 55.44 | 110 | 7.93 | 160 | 11.54 | 146 | 10.53 | 67 | 4.83 | 1,252 | 90.27 | 135 | 9.73 | 0 | 0.00 | 1,387 | 100.00 |
| Registered Psychiatric Nurses | 68 | 52.71 | 8 | 6.20 | 22 | 17.05 | 0 | 0.00 | 0 | 0.00 | 98 | 75.97 | 22 | 17.05 | 9 | 6.98 | 129 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 12 | 50.00 | 1 | 4.17 | 2 | 8.33 | 5 | 20.83 | 3 | 12.50 | 23 | 95.83 | 1 | 4.17 | 0 | 0.00 | 24 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 33 | 73.33 | 0 | 0.00 | 0 | 0.00 | 10 | 22.22 | 0 | 0.00 | 43 | 95.56 | 2 | 4.44 | 0 | 0.00 | 45 | 100.00 |
| Physical Therapists | 29 | 36.25 | 11 | 13.75 | 2 | 2.50 | 9 | 11.25 | 2 | 2.50 | 53 | 66.25 | 23 | 28.75 | 4 | 5.00 | 80 | 100.00 |
| TOTAL | 1,664 | 57.12 | 216 | 7.42 | 277 | 9.51 | 257 | 8.82 | 127 | 4.36 | 2,541 | 87.23 | 352 | 12.08 | 20 | 0.69 | 2,913 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 16
South Fraser Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 736 | 761 | 12.96 | 13.21 | 6.91 | 3.89 |
| Dental Hygienists | 204 | 206 | 3.59 | 3.58 | 0.98 | -0.46 |
| Dentists | 289 | 289 | 5.09 | 5.02 | 0.00 | -2.42 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 38 | n/a | 0.66 | n/a | n/a |
| Emergency Medical Assistants | 127 | 141 | 2.24 | 2.45 | 10.13 | 8.69 |
| First Responders | 926 | 925 | 16.31 | 16.06 | -0.10 | -1.41 |
| Midwives | 6 | 7 | 0.11 | 0.12 | * | * |
| Opticians | 178 | 188 | 3.14 | 3.26 | 5.62 | 4.12 |
| Pharmacists | 346 | 353 | 6.09 | 6.13 | 3.05 | 0.86 |
| Physicians (Directory Active) | 714 | 742 | 12.58 | 12.88 | 3.61 | 2.25 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 398 | 393 | 7.01 | 6.82 | -1.26 | -2.66 |
| Registered Nurses | 2,883 | 2,877 | 50.78 | 49.95 | -0.21 | -1.63 |
| Licensed Graduate Nurses | 27 | 23 | 0.48 | 0.40 | -14.81 | -16.03 |
| Registered Psychiatric Nurses | 243 | 244 | 4.28 | 4.24 | 0.38 | -0.94 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 74 | 68 | 1.30 | 1.18 | -6.14 | -7.15 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 123 | 132 | 2.17 | 2.29 | 7.32 | 5.79 |
| Occupational Therapists ⁶ | n/a | 88 | n/a | 1.53 | n/a | n/a |
| Physical Therapists ⁷ | 208 | 227 | 3.69 | 3.94 | 4.29 | 3.20 |
| TOTAL⁸ | 7,482 | 7,576 | 131.79 | 131.55 | 0.63 | -0.09 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 780 | n/a | 13.54 | n/a | n/a |
| Extended Care Beds | n/a | 908 | n/a | 15.77 | n/a | n/a |
| TOTAL BEDS | n/a | 1,688 | n/a | 29.31 | n/a | n/a |
| <i>Community Pharmacies</i> | 96 | 95 | 1.69 | 1.65 | -1.56 | -3.65 |
| <i>Population</i> | 567,732 | 575,919 | n/a | n/a | 0.72 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 17
South Fraser Regional Health Board
Selected Health Personnel¹ by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Sex | Total |
|---|------|-----|-------|-------|-------|-------|-------|-------|-------|-----|------|----|-------------|----|----------|-------|---------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | Unknown | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 65 | 1 | 286 | 0 | 274 | 1 | 116 | 0 | 12 | 0 | 0 | 0 | 5 | 2 | 758 | 1 | 761 |
| Dental Hygienists | 1 | 5 | 4 | 55 | 1 | 81 | 0 | 53 | 0 | 6 | 0 | 0 | 0 | 0 | 6 | 200 | 0 | 206 |
| Dentists | 0 | 0 | 29 | 18 | 68 | 30 | 82 | 18 | 34 | 3 | 7 | 0 | 0 | 0 | 220 | 69 | 0 | 289 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 0 | 0 | 19 | 7 | 57 | 8 | 36 | 3 | 10 | 1 | 0 | 0 | 0 | 0 | 122 | 19 | 0 | 141 |
| First Responders | 64 | 0 | 294 | 20 | 318 | 7 | 188 | 2 | 29 | 0 | 1 | 0 | 2 | 0 | 896 | 29 | 0 | 925 |
| Opticians | 6 | 12 | 12 | 14 | 8 | 22 | 10 | 9 | 4 | 2 | 0 | 0 | 32 | 57 | 72 | 116 | 0 | 188 |
| Pharmacists | 1 | 13 | 48 | 80 | 37 | 54 | 54 | 36 | 16 | 5 | 6 | 0 | 3 | 0 | 165 | 188 | 0 | 353 |
| Physicians (Directory Active) | 0 | 0 | 44 | 23 | 167 | 89 | 170 | 65 | 107 | 14 | 55 | 7 | 1 | 0 | 544 | 198 | 0 | 742 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 1 | 18 | 1 | 56 | 9 | 92 | 6 | 147 | 1 | 57 | 0 | 3 | 0 | 2 | 18 | 375 | 0 | 393 |
| Registered Nurses | 2 | 59 | 18 | 435 | 31 | 716 | 33 | 987 | 8 | 545 | 1 | 42 | 0 | 0 | 93 | 2,784 | 0 | 2,877 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 10 | 1 | 9 | 0 | 0 | 0 | 0 | 1 | 22 | 0 | 23 |
| Registered Psychiatric Nurses | 0 | 4 | 4 | 38 | 9 | 53 | 15 | 65 | 17 | 29 | 0 | 6 | 0 | 4 | 45 | 199 | 0 | 244 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 1 | 1 | 21 | 32 | 13 | 35 | 8 | 17 | 1 | 3 | 0 | 0 | 0 | 0 | 44 | 88 | 0 | 132 |
| Physical Therapists | 0 | 4 | 20 | 40 | 19 | 46 | 7 | 55 | 5 | 21 | 2 | 2 | 2 | 3 | 55 | 171 | 1 | 227 |
| TOTAL | 76 | 181 | 515 | 1,104 | 737 | 1,510 | 610 | 1,583 | 233 | 707 | 72 | 60 | 40 | 71 | 2,283 | 5,216 | 2 | 7,501 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 18
South Fraser Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|------|---------|-------|--------------|-------|-----------------|-------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 659 | 86.60 | 18 | 2.37 | 11 | 1.45 | 0 | 0.00 | 0 | 0.00 | 688 | 90.41 | 73 | 9.59 | 0 | 0.00 | 761 | 100.00 |
| Dental Hygienists | 110 | 53.40 | 14 | 6.80 | 18 | 8.74 | 28 | 13.59 | 16 | 7.77 | 186 | 90.29 | 20 | 9.71 | 0 | 0.00 | 206 | 100.00 |
| Dentists | 145 | 50.17 | 30 | 10.38 | 28 | 9.69 | 23 | 7.96 | 12 | 4.15 | 238 | 82.35 | 51 | 17.65 | 0 | 0.00 | 289 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 266 | 75.35 | 14 | 3.97 | 22 | 6.23 | 5 | 1.42 | 5 | 1.42 | 312 | 88.39 | 30 | 8.50 | 11 | 3.12 | 353 | 100.00 |
| Physicians (Directory Active) | 209 | 28.17 | 66 | 8.89 | 74 | 9.97 | 112 | 15.09 | 55 | 7.41 | 516 | 69.54 | 226 | 30.46 | 0 | 0.00 | 742 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 258 | 65.65 | 31 | 7.89 | 25 | 6.36 | 34 | 8.65 | 14 | 3.56 | 362 | 92.11 | 25 | 6.36 | 6 | 1.53 | 393 | 100.00 |
| Registered Nurses | 1,533 | 53.28 | 179 | 6.22 | 233 | 8.10 | 253 | 8.79 | 132 | 4.59 | 2,330 | 80.99 | 546 | 18.98 | 1 | 0.03 | 2,877 | 100.00 |
| Registered Psychiatric Nurses | 180 | 73.77 | 11 | 4.51 | 23 | 9.43 | 0 | 0.00 | 0 | 0.00 | 214 | 87.70 | 16 | 6.56 | 14 | 5.74 | 244 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 37 | 54.41 | 7 | 10.29 | 6 | 8.82 | 7 | 10.29 | 7 | 10.29 | 64 | 94.12 | 3 | 4.41 | 1 | 1.47 | 68 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 109 | 82.58 | 0 | 0.00 | 0 | 0.00 | 22 | 16.67 | 0 | 0.00 | 131 | 99.24 | 1 | 0.76 | 0 | 0.00 | 132 | 100.00 |
| Physical Therapists | 62 | 27.31 | 21 | 9.25 | 17 | 7.49 | 31 | 13.66 | 15 | 6.61 | 146 | 64.32 | 71 | 31.28 | 10 | 4.41 | 227 | 100.00 |
| TOTAL | 3,568 | 56.71 | 391 | 6.21 | 457 | 7.26 | 515 | 8.18 | 256 | 4.07 | 5,187 | 82.44 | 1,062 | 16.88 | 43 | 0.68 | 6,292 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 19
Simon Fraser Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 668 | 683 | 13.14 | 13.20 | 4.54 | 0.90 |
| Dental Hygienists | 173 | 181 | 3.40 | 3.50 | 4.62 | 2.78 |
| Dentists | 323 | 326 | 6.35 | 6.30 | 1.60 | -1.45 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 63 | n/a | 1.22 | n/a | n/a |
| Emergency Medical Assistants | 119 | 128 | 2.34 | 2.47 | 6.96 | 5.22 |
| First Responders | 832 | 836 | 16.36 | 16.15 | 0.44 | -1.19 |
| Midwives | 5 | 8 | 0.10 | 0.15 | * | * |
| Opticians | 238 | 242 | 4.68 | 4.68 | 1.68 | -0.11 |
| Pharmacists | 369 | 374 | 7.26 | 7.23 | 2.04 | -0.64 |
| Physicians (Directory Active) | 825 | 837 | 16.22 | 16.17 | 1.34 | -0.30 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 424 | 436 | 8.34 | 8.42 | 2.83 | 1.02 |
| Registered Nurses | 3,804 | 3,743 | 74.81 | 72.32 | -1.60 | -3.33 |
| Licensed Graduate Nurses | 42 | 39 | 0.83 | 0.75 | -7.14 | -8.78 |
| Registered Psychiatric Nurses | 1,044 | 1,022 | 20.53 | 19.75 | -1.95 | -3.54 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 100 | 97 | 1.97 | 1.87 | -2.26 | -3.55 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 131 | 150 | 2.58 | 2.90 | 14.50 | 12.49 |
| Occupational Therapists ⁶ | n/a | 128 | n/a | 2.47 | n/a | n/a |
| Physical Therapists ⁷ | 250 | 250 | 4.96 | 4.83 | 0.00 | -1.29 |
| TOTAL⁸ | 9,347 | 9,352 | 183.82 | 180.68 | 0.03 | -0.86 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 937 | n/a | 18.10 | n/a | n/a |
| Extended Care Beds | n/a | 958 | n/a | 18.51 | n/a | n/a |
| TOTAL BEDS | n/a | 1,895 | n/a | 36.61 | n/a | n/a |
| <i>Community Pharmacies</i> | 77 | 77 | 1.51 | 1.49 | 0.00 | -2.63 |
| <i>Population</i> | 508,490 | 517,594 | n/a | n/a | 0.89 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 20
Simon Fraser Regional Health Board
Selected Health Personnel¹ by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Sex Unknown | Total |
|---|------|-----|-------|-------|-------|-------|-------|-------|-------|-----|------|----|-------------|----|----------|-------|-------------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 55 | 1 | 259 | 0 | 267 | 0 | 88 | 0 | 10 | 0 | 0 | 0 | 2 | 1 | 681 | 1 | 683 |
| Dental Hygienists | 0 | 6 | 1 | 84 | 4 | 60 | 1 | 23 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 175 | 0 | 181 |
| Dentists | 0 | 0 | 44 | 30 | 81 | 37 | 61 | 15 | 37 | 3 | 18 | 0 | 0 | 0 | 241 | 85 | 0 | 326 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 0 | 0 | 25 | 3 | 51 | 11 | 30 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 110 | 18 | 0 | 128 |
| First Responders | 30 | 1 | 253 | 10 | 273 | 6 | 219 | 0 | 42 | 1 | 1 | 0 | 0 | 0 | 818 | 18 | 0 | 836 |
| Opticians | 5 | 4 | 18 | 26 | 18 | 22 | 10 | 3 | 8 | 2 | 0 | 0 | 63 | 63 | 122 | 120 | 0 | 242 |
| Pharmacists | 6 | 13 | 39 | 70 | 42 | 69 | 43 | 51 | 17 | 7 | 9 | 0 | 6 | 2 | 162 | 212 | 0 | 374 |
| Physicians (Directory Active) | 1 | 0 | 72 | 35 | 153 | 103 | 189 | 58 | 132 | 17 | 66 | 9 | 2 | 0 | 615 | 222 | 0 | 837 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 9 | 4 | 55 | 10 | 122 | 19 | 145 | 4 | 55 | 0 | 5 | 0 | 8 | 37 | 399 | 0 | 436 |
| Registered Nurses | 3 | 62 | 30 | 572 | 40 | 1,055 | 58 | 1,244 | 34 | 595 | 3 | 47 | 0 | 0 | 168 | 3,575 | 0 | 3,743 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 23 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 39 |
| Registered Psychiatric Nurses | 0 | 14 | 18 | 119 | 48 | 196 | 94 | 260 | 94 | 148 | 3 | 8 | 4 | 16 | 261 | 761 | 0 | 1,022 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 1 | 5 | 24 | 49 | 22 | 19 | 4 | 16 | 4 | 4 | 0 | 2 | 0 | 0 | 55 | 95 | 0 | 150 |
| Physical Therapists | 3 | 2 | 14 | 55 | 12 | 69 | 8 | 51 | 5 | 24 | 0 | 4 | 2 | 0 | 44 | 205 | 1 | 250 |
| TOTAL | 49 | 171 | 543 | 1,367 | 754 | 2,043 | 736 | 1,981 | 381 | 876 | 100 | 75 | 77 | 92 | 2,640 | 6,605 | 2 | 9,247 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 21
Simon Fraser Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|------|---------|-------|--------------|-------|-----------------|-------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 630 | 92.24 | 19 | 2.78 | 3 | 0.44 | 0 | 0.00 | 1 | 0.15 | 653 | 95.61 | 30 | 4.39 | 0 | 0.00 | 683 | 100.00 |
| Dental Hygienists | 96 | 53.04 | 17 | 9.39 | 15 | 8.29 | 26 | 14.36 | 15 | 8.29 | 169 | 93.37 | 12 | 6.63 | 0 | 0.00 | 181 | 100.00 |
| Dentists | 126 | 38.65 | 39 | 11.96 | 29 | 8.90 | 23 | 7.06 | 35 | 10.74 | 252 | 77.30 | 74 | 22.70 | 0 | 0.00 | 326 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 290 | 77.54 | 10 | 2.67 | 15 | 4.01 | 6 | 1.60 | 6 | 1.60 | 327 | 87.43 | 41 | 10.96 | 6 | 1.60 | 374 | 100.00 |
| Physicians (Directory Active) | 250 | 29.87 | 105 | 12.54 | 66 | 7.89 | 114 | 13.62 | 79 | 9.44 | 614 | 73.36 | 223 | 26.64 | 0 | 0.00 | 837 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 284 | 65.14 | 12 | 2.75 | 28 | 6.42 | 48 | 11.01 | 18 | 4.13 | 390 | 89.45 | 43 | 9.86 | 3 | 0.69 | 436 | 100.00 |
| Registered Nurses | 2,077 | 55.49 | 177 | 4.73 | 253 | 6.76 | 275 | 7.35 | 168 | 4.49 | 2,950 | 78.81 | 789 | 21.08 | 4 | 0.11 | 3,743 | 100.00 |
| Registered Psychiatric Nurses | 671 | 65.66 | 13 | 1.27 | 75 | 7.34 | 0 | 0.00 | 0 | 0.00 | 759 | 74.27 | 198 | 19.37 | 65 | 6.36 | 1,022 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 57 | 58.76 | 10 | 10.31 | 7 | 7.22 | 7 | 7.22 | 8 | 8.25 | 89 | 91.75 | 7 | 7.22 | 1 | 1.03 | 97 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 134 | 89.33 | 0 | 0.00 | 0 | 0.00 | 14 | 9.33 | 0 | 0.00 | 148 | 98.67 | 1 | 0.67 | 1 | 0.67 | 150 | 100.00 |
| Physical Therapists | 93 | 37.20 | 16 | 6.40 | 15 | 6.00 | 29 | 11.60 | 22 | 8.80 | 175 | 70.00 | 69 | 27.60 | 6 | 2.40 | 250 | 100.00 |
| TOTAL | 4,708 | 58.13 | 418 | 5.16 | 506 | 6.25 | 542 | 6.69 | 352 | 4.35 | 6,526 | 80.58 | 1,487 | 18.36 | 86 | 1.06 | 8,099 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 22
Central Vancouver Island Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|---------------------------------|---------------|----------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 371 | 379 | 15.26 | 15.45 | 4.36 | 2.52 |
| Dental Hygienists | 89 | 90 | 3.66 | 3.67 | 1.12 | 0.23 |
| Dentists | 121 | 124 | 4.98 | 5.06 | 4.29 | 2.71 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 6 | n/a | 0.24 | n/a | n/a |
| Emergency Medical Assistants | 227 | 232 | 9.34 | 9.46 | 2.03 | 1.20 |
| First Responders | 712 | 685 | 29.29 | 27.93 | -3.51 | -4.29 |
| Midwives | 5 | 4 | 0.21 | 0.16 | * | * |
| Opticians | 58 | 60 | 2.39 | 2.45 | 3.45 | 2.53 |
| Pharmacists | 145 | 149 | 5.96 | 6.07 | 4.17 | 2.79 |
| Physicians (Directory Active) | 406 | 417 | 16.70 | 17.00 | 2.50 | 1.66 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 418 | 434 | 17.19 | 17.69 | 3.83 | 2.91 |
| Registered Nurses | 1,536 | 1,513 | 63.18 | 61.68 | -1.50 | -2.37 |
| Licensed Graduate Nurses | 5 | 2 | 0.21 | 0.08 | * | * |
| Registered Psychiatric Nurses | 70 | 75 | 2.88 | 3.06 | 6.58 | 5.71 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 36 | 38 | 1.48 | 1.55 | 4.14 | 3.45 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 69 | 60 | 2.84 | 2.45 | -13.04 | -13.81 |
| Occupational Therapists ⁶ | n/a | 54 | n/a | 2.20 | n/a | n/a |
| Physical Therapists ⁷ | 117 | 121 | 4.84 | 4.93 | 1.63 | 0.90 |
| TOTAL⁸ | 4,385 | 4,383 | 180.37 | 178.69 | -0.02 | -0.47 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 483 | n/a | 19.69 | n/a | n/a |
| Extended Care Beds | n/a | 442 | n/a | 18.02 | n/a | n/a |
| TOTAL BEDS | n/a | 925 | n/a | 37.71 | n/a | n/a |
| <i>Community Pharmacies</i> | 50 | 47 | 2.06 | 1.92 | -8.86 | -10.07 |
| <i>Population</i> | 243,112 | 245,279 | n/a | n/a | 0.44 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 23
Central Vancouver Island Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-------|-------|-----|------|----|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 38 | 0 | 114 | 1 | 159 | 0 | 60 | 0 | 7 | 0 | 0 | 0 | 0 | 1 | 378 | 379 |
| Dental Hygienists | 0 | 1 | 0 | 29 | 2 | 30 | 1 | 23 | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 87 | 90 |
| Dentists | 0 | 0 | 11 | 8 | 34 | 7 | 29 | 6 | 23 | 0 | 6 | 0 | 0 | 0 | 103 | 21 | 124 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 11 | 8 | 58 | 26 | 41 | 24 | 41 | 9 | 12 | 2 | 0 | 0 | 0 | 0 | 163 | 69 | 232 |
| First Responders | 50 | 11 | 173 | 25 | 203 | 23 | 145 | 15 | 30 | 2 | 2 | 3 | 3 | 0 | 606 | 79 | 685 |
| Opticians | 0 | 0 | 5 | 9 | 1 | 11 | 8 | 3 | 3 | 2 | 0 | 0 | 5 | 13 | 22 | 38 | 60 |
| Pharmacists | 0 | 2 | 16 | 27 | 20 | 22 | 20 | 19 | 11 | 4 | 5 | 0 | 1 | 2 | 73 | 76 | 149 |
| Physicians (Directory Active) | 0 | 0 | 21 | 10 | 93 | 51 | 113 | 19 | 65 | 10 | 31 | 4 | 0 | 0 | 323 | 94 | 417 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 12 | 3 | 45 | 5 | 124 | 7 | 173 | 3 | 55 | 0 | 3 | 0 | 4 | 18 | 416 | 434 |
| Registered Nurses | 1 | 12 | 4 | 149 | 17 | 395 | 14 | 589 | 5 | 302 | 1 | 24 | 0 | 0 | 42 | 1,471 | 1,513 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 6 | 2 | 20 | 7 | 29 | 2 | 9 | 0 | 0 | 0 | 0 | 11 | 64 | 75 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 1 | 2 | 10 | 8 | 15 | 4 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 45 | 60 |
| Physical Therapists | 0 | 3 | 1 | 19 | 11 | 23 | 3 | 36 | 4 | 19 | 0 | 1 | 0 | 1 | 19 | 102 | 121 |
| TOTAL | 62 | 88 | 294 | 477 | 438 | 904 | 392 | 1,000 | 159 | 418 | 45 | 35 | 9 | 20 | 1,399 | 2,942 | 4,341 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 24
Central Vancouver Island Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|--|---------------------|--------------|------------|-------------|-------------------------|-------------|------------|-------------|--------------|-------------|-----------------|--------------|---------------|--------------|-----------|-------------|--------------|---------------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 367 | 96.83 | 10 | 2.64 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 377 | 99.47 | 2 | 0.53 | 0 | 0.00 | 379 | 100.00 |
| Dental Hygienists | 49 | 54.44 | 16 | 17.78 | 7 | 7.78 | 10 | 11.11 | 3 | 3.33 | 85 | 94.44 | 5 | 5.56 | 0 | 0.00 | 90 | 100.00 |
| Dentists | 49 | 39.52 | 31 | 25.00 | 14 | 11.29 | 10 | 8.06 | 9 | 7.26 | 113 | 91.13 | 11 | 8.87 | 0 | 0.00 | 124 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 111 | 74.50 | 4 | 2.68 | 23 | 15.44 | 5 | 3.36 | 0 | 0.00 | 143 | 95.97 | 6 | 4.03 | 0 | 0.00 | 149 | 100.00 |
| Physicians (Directory Active) | 120 | 28.78 | 67 | 16.07 | 34 | 8.15 | 52 | 12.47 | 26 | 6.24 | 299 | 71.70 | 118 | 28.30 | 0 | 0.00 | 417 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 362 | 83.41 | 17 | 3.92 | 14 | 3.23 | 23 | 5.30 | 7 | 1.61 | 423 | 97.47 | 8 | 1.84 | 3 | 0.69 | 434 | 100.00 |
| Registered Nurses | 824 | 54.46 | 149 | 9.85 | 117 | 7.73 | 196 | 12.95 | 70 | 4.63 | 1,356 | 89.62 | 157 | 10.38 | 0 | 0.00 | 1,513 | 100.00 |
| Registered Psychiatric Nurses | 48 | 64.00 | 2 | 2.67 | 12 | 16.00 | 0 | 0.00 | 0 | 0.00 | 62 | 82.67 | 5 | 6.67 | 8 | 10.67 | 75 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 14 | 36.84 | 9 | 23.68 | 4 | 10.53 | 5 | 13.16 | 4 | 10.53 | 36 | 94.74 | 2 | 5.26 | 0 | 0.00 | 38 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 37 | 61.67 | 1 | 1.67 | 0 | 0.00 | 20 | 33.33 | 0 | 0.00 | 58 | 96.67 | 0 | 0.00 | 2 | 3.33 | 60 | 100.00 |
| Physical Therapists | 29 | 23.97 | 17 | 14.05 | 10 | 8.26 | 13 | 10.74 | 5 | 4.13 | 74 | 61.16 | 43 | 35.54 | 4 | 3.31 | 121 | 100.00 |
| TOTAL | 2,010 | 59.12 | 323 | 9.50 | 235 | 6.91 | 334 | 9.82 | 124 | 3.65 | 3,026 | 89.00 | 357 | 10.50 | 17 | 0.50 | 3,400 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 25
Northern Interior Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 182 | 181 | 13.66 | 13.50 | -1.10 | -2.35 |
| Dental Hygienists | 70 | 75 | 5.25 | 5.59 | 7.14 | 6.46 |
| Dentists | 58 | 56 | 4.35 | 4.18 | -5.84 | -6.86 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 1 | n/a | 0.07 | n/a | n/a |
| Emergency Medical Assistants | 198 | 188 | 14.86 | 14.02 | -4.67 | -5.23 |
| First Responders | 290 | 302 | 21.77 | 22.52 | 3.81 | 3.20 |
| Midwives | 1 | 1 | 0.08 | 0.07 | * | * |
| Opticians | 25 | 24 | 1.88 | 1.79 | -4.00 | -4.61 |
| Pharmacists | 71 | 67 | 5.33 | 5.00 | -8.33 | -9.20 |
| Physicians (Directory Active) | 192 | 194 | 14.41 | 14.47 | 0.96 | 0.37 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 156 | 154 | 11.71 | 11.49 | -1.28 | -1.91 |
| Registered Nurses | 872 | 835 | 65.45 | 62.28 | -4.24 | -4.85 |
| Licensed Graduate Nurses | 3 | 3 | 0.23 | 0.22 | * | * |
| Registered Psychiatric Nurses | 33 | 36 | 2.48 | 2.68 | 8.36 | 7.73 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 16 | 16 | 1.20 | 1.19 | 0.00 | -0.48 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 15 | 14 | 1.13 | 1.04 | -6.67 | -7.26 |
| Occupational Therapists ⁶ | n/a | 25 | n/a | 1.86 | n/a | n/a |
| Physical Therapists ⁷ | 53 | 53 | 3.98 | 3.95 | 0.00 | -0.31 |
| TOTAL⁸ | 2,235 | 2,199 | 167.76 | 164.01 | -0.81 | -1.13 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 287 | n/a | 21.40 | n/a | n/a |
| Extended Care Beds | n/a | 86 | n/a | 6.41 | n/a | n/a |
| TOTAL BEDS | n/a | 373 | n/a | 27.82 | n/a | n/a |
| <i>Community Pharmacies</i> | 23 | 24 | 1.73 | 1.79 | 6.59 | 5.58 |
| <i>Population</i> | 133,227 | 134,081 | n/a | n/a | 0.32 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 26
Northern Interior Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|---|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 14 | 0 | 62 | 0 | 70 | 0 | 34 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 181 | 181 |
| Dental Hygienists | 0 | 3 | 0 | 38 | 0 | 25 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 75 |
| Dentists | 0 | 0 | 7 | 5 | 12 | 3 | 17 | 3 | 7 | 0 | 2 | 0 | 0 | 0 | 45 | 11 | 56 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 9 | 3 | 38 | 18 | 56 | 15 | 23 | 13 | 7 | 5 | 0 | 0 | 1 | 0 | 134 | 54 | 188 |
| First Responders | 32 | 9 | 55 | 11 | 91 | 18 | 52 | 8 | 24 | 1 | 0 | 0 | 1 | 0 | 255 | 47 | 302 |
| Opticians | 1 | 0 | 0 | 4 | 0 | 6 | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 8 | 5 | 19 | 24 |
| Pharmacists | 0 | 0 | 15 | 16 | 11 | 8 | 6 | 5 | 3 | 1 | 1 | 0 | 0 | 1 | 36 | 31 | 67 |
| Physicians (Directory Active) | 1 | 0 | 20 | 15 | 39 | 24 | 50 | 9 | 22 | 1 | 13 | 0 | 0 | 0 | 145 | 49 | 194 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 0 | 1 | 25 | 3 | 41 | 0 | 62 | 2 | 20 | 0 | 0 | 0 | 0 | 6 | 148 | 154 |
| Registered Nurses | 0 | 13 | 2 | 152 | 13 | 250 | 8 | 291 | 1 | 102 | 0 | 3 | 0 | 0 | 24 | 811 | 835 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| Registered Psychiatric Nurses | 0 | 0 | 1 | 5 | 2 | 4 | 1 | 16 | 2 | 3 | 0 | 1 | 0 | 1 | 6 | 30 | 36 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 1 | 4 | 2 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 10 | 14 |
| Physical Therapists | 0 | 0 | 5 | 14 | 2 | 11 | 0 | 17 | 0 | 3 | 0 | 0 | 0 | 1 | 7 | 46 | 53 |
| TOTAL | 43 | 42 | 145 | 369 | 231 | 477 | 158 | 475 | 69 | 137 | 16 | 4 | 5 | 11 | 667 | 1,515 | 2,182 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 27
Northern Interior Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|-------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 173 | 95.58 | 3 | 1.66 | 1 | 0.55 | 1 | 0.55 | 0 | 0.00 | 178 | 98.34 | 3 | 1.66 | 0 | 0.00 | 181 | 100.00 |
| Dental Hygienists | 61 | 81.33 | 4 | 5.33 | 4 | 5.33 | 0 | 0.00 | 0 | 0.00 | 69 | 92.00 | 6 | 8.00 | 0 | 0.00 | 75 | 100.00 |
| Dentists | 25 | 44.64 | 4 | 7.14 | 2 | 3.57 | 5 | 8.93 | 7 | 12.50 | 43 | 76.79 | 13 | 23.21 | 0 | 0.00 | 56 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 52 | 77.61 | 3 | 4.48 | 9 | 13.43 | 0 | 0.00 | 0 | 0.00 | 64 | 95.52 | 2 | 2.99 | 1 | 1.49 | 67 | 100.00 |
| Physicians (Directory Active) | 44 | 22.68 | 20 | 10.31 | 10 | 5.15 | 23 | 11.86 | 17 | 8.76 | 114 | 58.76 | 79 | 40.72 | 1 | 0.52 | 194 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 103 | 66.88 | 8 | 5.19 | 14 | 9.09 | 15 | 9.74 | 7 | 4.55 | 147 | 95.45 | 4 | 2.60 | 3 | 1.95 | 154 | 100.00 |
| Registered Nurses | 516 | 61.80 | 77 | 9.22 | 66 | 7.90 | 63 | 7.54 | 51 | 6.11 | 773 | 92.57 | 62 | 7.43 | 0 | 0.00 | 835 | 100.00 |
| Registered Psychiatric Nurses | 20 | 55.56 | 4 | 11.11 | 4 | 11.11 | 0 | 0.00 | 0 | 0.00 | 28 | 77.78 | 2 | 5.56 | 6 | 16.67 | 36 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 7 | 43.75 | 3 | 18.75 | 0 | 0.00 | 2 | 12.50 | 4 | 25.00 | 16 | 100.00 | 0 | 0.00 | 0 | 0.00 | 16 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 11 | 78.57 | 0 | 0.00 | 0 | 0.00 | 3 | 21.43 | 0 | 0.00 | 14 | 100.00 | 0 | 0.00 | 0 | 0.00 | 14 | 100.00 |
| Physical Therapists | 16 | 30.19 | 10 | 18.87 | 4 | 7.55 | 4 | 7.55 | 3 | 5.66 | 37 | 69.81 | 14 | 26.42 | 2 | 3.77 | 53 | 100.00 |
| TOTAL | 1,028 | 61.15 | 136 | 8.09 | 114 | 6.78 | 116 | 6.90 | 89 | 5.29 | 1,483 | 88.22 | 185 | 11.01 | 13 | 0.77 | 1,681 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 28
Vancouver/Richmond Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 589 | 606 | 8.04 | 8.17 | 5.86 | 3.20 |
| Dental Hygienists | 348 | 333 | 4.75 | 4.49 | -4.31 | -5.52 |
| Dentists | 852 | 870 | 11.63 | 11.73 | 3.65 | 1.41 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 204 | n/a | 2.75 | n/a | n/a |
| Emergency Medical Assistants | 253 | 279 | 3.45 | 3.76 | 9.45 | 8.17 |
| First Responders | 1,080 | 1,167 | 14.74 | 15.73 | 7.41 | 6.16 |
| Midwives | 11 | 15 | 0.15 | 0.20 | 36.36 | 34.64 |
| Opticians | 322 | 311 | 4.40 | 4.19 | -3.42 | -4.64 |
| Pharmacists | 824 | 866 | 11.25 | 11.67 | 7.74 | 5.71 |
| Physicians (Directory Active) | 3,321 | 3,316 | 45.34 | 44.70 | -0.14 | -1.31 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 792 | 771 | 10.81 | 10.39 | -2.65 | -3.88 |
| Registered Nurses | 8,481 | 8,423 | 115.78 | 113.54 | -0.68 | -1.94 |
| Licensed Graduate Nurses | 82 | 76 | 1.12 | 1.02 | -7.32 | -8.49 |
| Registered Psychiatric Nurses | 332 | 339 | 4.53 | 4.57 | 1.94 | 0.75 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 252 | 264 | 3.44 | 3.56 | 3.55 | 2.57 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 365 | 364 | 4.98 | 4.91 | -0.27 | -1.53 |
| Occupational Therapists ⁶ | n/a | 437 | n/a | 5.89 | n/a | n/a |
| Physical Therapists ⁷ | 678 | 734 | 9.37 | 9.89 | 3.88 | 2.67 |
| TOTAL⁸ | 18,582 | 18,734 | 253.69 | 252.53 | 0.41 | -0.23 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 2,410 | n/a | 32.49 | n/a | n/a |
| Extended Care Beds | n/a | 1,866 | n/a | 25.15 | n/a | n/a |
| TOTAL BEDS | n/a | 4,276 | n/a | 57.64 | n/a | n/a |
| <i>Community Pharmacies</i> | 149 | 150 | 2.03 | 2.02 | 1.01 | -0.90 |
| <i>Population</i> | 732,482 | 741,862 | n/a | n/a | 0.64 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 29
Vancouver/Richmond Regional Health Board
Selected Health Personnel¹ by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Sex Unknown | Total |
|-------------------------------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-------------|-----|----------|--------|-------------|--------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 54 | 0 | 234 | 0 | 213 | 0 | 94 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 605 | 1 | 606 |
| Dental Hygienists | 0 | 6 | 7 | 115 | 7 | 121 | 2 | 65 | 2 | 6 | 0 | 1 | 0 | 1 | 18 | 315 | 0 | 333 |
| Dentists | 0 | 0 | 108 | 92 | 180 | 89 | 189 | 44 | 101 | 11 | 46 | 4 | 5 | 1 | 629 | 241 | 0 | 870 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 1 | 0 | 52 | 16 | 126 | 24 | 47 | 3 | 9 | 0 | 0 | 0 | 1 | 0 | 236 | 43 | 0 | 279 |
| First Responders | 12 | 0 | 272 | 27 | 389 | 10 | 395 | 2 | 58 | 0 | 0 | 0 | 1 | 1 | 1,127 | 40 | 0 | 1,167 |
| Opticians | 4 | 4 | 16 | 27 | 30 | 15 | 26 | 20 | 4 | 2 | 1 | 0 | 86 | 76 | 167 | 144 | 0 | 311 |
| Pharmacists | 12 | 38 | 103 | 188 | 81 | 164 | 106 | 106 | 20 | 31 | 6 | 1 | 5 | 5 | 333 | 533 | 0 | 866 |
| Physicians (Directory Active) | 1 | 2 | 419 | 337 | 535 | 382 | 636 | 258 | 411 | 82 | 216 | 29 | 3 | 5 | 2,221 | 1,095 | 0 | 3,316 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 1 | 18 | 17 | 115 | 40 | 175 | 41 | 205 | 26 | 115 | 1 | 5 | 2 | 10 | 128 | 643 | 0 | 771 |
| Registered Nurses | 19 | 212 | 116 | 1,715 | 159 | 2,463 | 106 | 2,355 | 37 | 1,128 | 1 | 112 | 0 | 0 | 438 | 7,985 | 0 | 8,423 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 45 | 0 | 16 | 0 | 5 | 0 | 0 | 0 | 76 | 0 | 76 |
| Registered Psychiatric Nurses | 0 | 6 | 7 | 72 | 19 | 82 | 25 | 77 | 13 | 25 | 0 | 5 | 2 | 5 | 66 | 272 | 1 | 339 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 1 | 7 | 36 | 108 | 44 | 81 | 18 | 57 | 3 | 8 | 1 | 0 | 0 | 0 | 103 | 261 | 0 | 364 |
| Physical Therapists | 4 | 14 | 67 | 165 | 46 | 157 | 24 | 176 | 8 | 58 | 2 | 6 | 0 | 7 | 151 | 583 | 0 | 734 |
| TOTAL | 55 | 361 | 1,220 | 3,211 | 1,656 | 3,986 | 1,615 | 3,507 | 692 | 1,492 | 274 | 168 | 105 | 111 | 5,617 | 12,836 | 2 | 18,455 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 30
Vancouver/Richmond Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|--|---------------------|--------------|------------|-------------|-------------------------|-------------|--------------|--------------|--------------|-------------|-----------------|--------------|---------------|--------------|------------|-------------|---------------|---------------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 544 | 89.77 | 22 | 3.63 | 2 | 0.33 | 2 | 0.33 | 1 | 0.17 | 571 | 94.22 | 35 | 5.78 | 0 | 0.00 | 606 | 100.00 |
| Dental Hygienists | 146 | 43.84 | 25 | 7.51 | 31 | 9.31 | 64 | 19.22 | 42 | 12.61 | 308 | 92.49 | 25 | 7.51 | 0 | 0.00 | 333 | 100.00 |
| Dentists | 326 | 37.47 | 61 | 7.01 | 73 | 8.39 | 68 | 7.82 | 74 | 8.51 | 602 | 69.20 | 267 | 30.69 | 1 | 0.11 | 870 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 678 | 78.29 | 28 | 3.23 | 28 | 3.23 | 21 | 2.42 | 12 | 1.39 | 767 | 88.57 | 71 | 8.20 | 28 | 3.23 | 866 | 100.00 |
| Physicians (Directory Active) | 959 | 28.92 | 325 | 9.80 | 239 | 7.21 | 580 | 17.49 | 287 | 8.66 | 2,390 | 72.07 | 923 | 27.83 | 3 | 0.09 | 3,316 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 502 | 65.11 | 30 | 3.89 | 35 | 4.54 | 50 | 6.49 | 25 | 3.24 | 642 | 83.27 | 94 | 12.19 | 35 | 4.54 | 771 | 100.00 |
| Registered Nurses | 4,398 | 52.21 | 458 | 5.44 | 428 | 5.08 | 793 | 9.41 | 486 | 5.77 | 6,563 | 77.92 | 1,856 | 22.03 | 4 | 0.05 | 8,423 | 100.00 |
| Registered Psychiatric Nurses | 244 | 71.98 | 8 | 2.36 | 31 | 9.14 | 0 | 0.00 | 0 | 0.00 | 283 | 83.48 | 31 | 9.14 | 25 | 7.37 | 339 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 139 | 52.65 | 11 | 4.17 | 20 | 7.58 | 32 | 12.12 | 35 | 13.26 | 237 | 89.77 | 27 | 10.23 | 0 | 0.00 | 264 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 296 | 81.32 | 0 | 0.00 | 1 | 0.27 | 58 | 15.93 | 0 | 0.00 | 355 | 97.53 | 6 | 1.65 | 3 | 0.82 | 364 | 100.00 |
| Physical Therapists | 250 | 34.06 | 29 | 3.95 | 32 | 4.36 | 110 | 14.99 | 50 | 6.81 | 471 | 64.17 | 235 | 32.02 | 28 | 3.81 | 734 | 100.00 |
| TOTAL | 8,482 | 50.23 | 997 | 5.90 | 920 | 5.45 | 1,778 | 10.53 | 1,012 | 5.99 | 13,189 | 78.11 | 3,570 | 21.14 | 127 | 0.75 | 16,886 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 31
North Shore Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 179 | 181 | 9.99 | 10.03 | 2.25 | 0.89 |
| Dental Hygienists | 123 | 122 | 6.86 | 6.76 | -0.81 | -1.47 |
| Dentists | 196 | 195 | 10.94 | 10.81 | -0.87 | -2.00 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 11 | n/a | 0.61 | n/a | n/a |
| Emergency Medical Assistants | 85 | 80 | 4.74 | 4.43 | -5.44 | -6.02 |
| First Responders | 323 | 341 | 18.02 | 18.90 | 5.13 | 4.49 |
| Midwives | 2 | 1 | 0.11 | 0.06 | * | * |
| Opticians | 51 | 57 | 2.85 | 3.16 | 11.76 | 11.02 |
| Pharmacists | 152 | 160 | 8.48 | 8.87 | 8.00 | 6.92 |
| Physicians (Directory Active) | 388 | 394 | 21.65 | 21.84 | 1.43 | 0.80 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 152 | 156 | 8.48 | 8.65 | 2.63 | 1.95 |
| Registered Nurses | 1,241 | 1,241 | 69.24 | 68.78 | 0.00 | -0.66 |
| Licensed Graduate Nurses | 30 | 24 | 1.67 | 1.33 | -20.00 | -20.53 |
| Registered Psychiatric Nurses | 73 | 69 | 4.07 | 3.82 | -5.07 | -5.65 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 38 | 36 | 2.12 | 2.00 | -3.97 | -4.45 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 91 | 94 | 5.08 | 5.21 | 3.30 | 2.61 |
| Occupational Therapists ⁶ | n/a | 44 | n/a | 2.44 | n/a | n/a |
| Physical Therapists ⁷ | 140 | 147 | 7.81 | 8.15 | 2.37 | 2.08 |
| TOTAL⁸ | 3,264 | 3,298 | 182.11 | 182.78 | 0.52 | 0.19 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 348 | n/a | 19.29 | n/a | n/a |
| Extended Care Beds | n/a | 294 | n/a | 16.29 | n/a | n/a |
| TOTAL BEDS | n/a | 642 | n/a | 35.58 | n/a | n/a |
| <i>Community Pharmacies</i> | 30 | 30 | 1.67 | 1.66 | 0.00 | -0.99 |
| <i>Population</i> | 179,234 | 180,432 | n/a | n/a | 0.33 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 32
North Shore Regional Health Board
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 15 | 0 | 52 | 0 | 79 | 0 | 29 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 181 | 181 |
| Dental Hygienists | 0 | 1 | 0 | 32 | 0 | 43 | 0 | 38 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 122 | 122 |
| Dentists | 0 | 0 | 16 | 11 | 36 | 28 | 38 | 15 | 35 | 2 | 14 | 0 | 0 | 0 | 139 | 56 | 195 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 0 | 2 | 16 | 13 | 25 | 3 | 15 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 58 | 22 | 80 |
| First Responders | 6 | 1 | 76 | 5 | 113 | 2 | 113 | 3 | 22 | 0 | 0 | 0 | 0 | 0 | 330 | 11 | 341 |
| Opticians | 2 | 0 | 2 | 5 | 7 | 5 | 4 | 0 | 0 | 0 | 0 | 1 | 12 | 19 | 27 | 30 | 57 |
| Pharmacists | 2 | 4 | 10 | 35 | 11 | 38 | 18 | 18 | 11 | 7 | 1 | 2 | 1 | 2 | 54 | 106 | 160 |
| Physicians (Directory Active) | 0 | 0 | 23 | 18 | 50 | 63 | 77 | 29 | 68 | 12 | 51 | 2 | 1 | 0 | 270 | 124 | 394 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 5 | 3 | 36 | 3 | 43 | 2 | 42 | 2 | 16 | 0 | 0 | 1 | 3 | 11 | 145 | 156 |
| Registered Nurses | 2 | 21 | 4 | 202 | 13 | 310 | 8 | 361 | 1 | 292 | 0 | 27 | 0 | 0 | 28 | 1,213 | 1,241 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 7 | 1 | 11 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 23 | 24 |
| Registered Psychiatric Nurses | 0 | 2 | 1 | 19 | 4 | 16 | 3 | 15 | 1 | 5 | 1 | 0 | 1 | 1 | 11 | 58 | 69 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 9 | 24 | 9 | 27 | 4 | 16 | 2 | 2 | 1 | 0 | 0 | 0 | 25 | 69 | 94 |
| Physical Therapists | 0 | 2 | 5 | 30 | 4 | 35 | 5 | 38 | 1 | 23 | 1 | 3 | 0 | 0 | 16 | 131 | 147 |
| <hr/> | | | | | | | | | | | | | | | | | |
| TOTAL | 12 | 53 | 165 | 482 | 275 | 699 | 288 | 619 | 145 | 377 | 69 | 36 | 16 | 25 | 970 | 2,291 | 3,261 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 33
North Shore Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|--|---------------------|--------------|------------|-------------|-------------------------|-------------|------------|--------------|--------------|-------------|-----------------|--------------|---------------|--------------|-----------|-------------|--------------|---------------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 169 | 93.37 | 4 | 2.21 | 2 | 1.10 | 1 | 0.55 | 0 | 0.00 | 176 | 97.24 | 5 | 2.76 | 0 | 0.00 | 181 | 100.00 |
| Dental Hygienists | 59 | 48.36 | 9 | 7.38 | 10 | 8.20 | 15 | 12.30 | 15 | 12.30 | 108 | 88.52 | 14 | 11.48 | 0 | 0.00 | 122 | 100.00 |
| Dentists | 68 | 34.87 | 29 | 14.87 | 16 | 8.21 | 13 | 6.67 | 14 | 7.18 | 140 | 71.79 | 55 | 28.21 | 0 | 0.00 | 195 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 126 | 78.75 | 6 | 3.75 | 7 | 4.38 | 1 | 0.63 | 1 | 0.63 | 141 | 88.13 | 15 | 9.38 | 4 | 2.50 | 160 | 100.00 |
| Physicians (Directory Active) | 132 | 33.50 | 54 | 13.71 | 21 | 5.33 | 60 | 15.23 | 26 | 6.60 | 293 | 74.37 | 101 | 25.63 | 0 | 0.00 | 394 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 118 | 75.64 | 5 | 3.21 | 5 | 3.21 | 12 | 7.69 | 5 | 3.21 | 145 | 92.95 | 8 | 5.13 | 3 | 1.92 | 156 | 100.00 |
| Registered Nurses | 620 | 49.96 | 60 | 4.83 | 94 | 7.57 | 160 | 12.89 | 77 | 6.20 | 1,011 | 81.47 | 228 | 18.37 | 2 | 0.16 | 1,241 | 100.00 |
| Registered Psychiatric Nurses | 59 | 85.51 | 1 | 1.45 | 3 | 4.35 | 0 | 0.00 | 0 | 0.00 | 63 | 91.30 | 2 | 2.90 | 4 | 5.80 | 69 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 20 | 55.56 | 4 | 11.11 | 3 | 8.33 | 3 | 8.33 | 5 | 13.89 | 35 | 97.22 | 1 | 2.78 | 0 | 0.00 | 36 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 72 | 76.60 | 0 | 0.00 | 0 | 0.00 | 21 | 22.34 | 0 | 0.00 | 93 | 98.94 | 1 | 1.06 | 0 | 0.00 | 94 | 100.00 |
| Physical Therapists | 39 | 26.53 | 5 | 3.40 | 9 | 6.12 | 24 | 16.33 | 12 | 8.16 | 89 | 60.54 | 54 | 36.73 | 4 | 2.72 | 147 | 100.00 |
| TOTAL | 1,482 | 53.02 | 177 | 6.33 | 170 | 6.08 | 310 | 11.09 | 155 | 5.55 | 2,294 | 82.08 | 484 | 17.32 | 17 | 0.61 | 2,795 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 34
Capital Regional Health Board
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 450 | 457 | 13.48 | 13.65 | 3.14 | 2.53 |
| Dental Hygienists | 220 | 225 | 6.59 | 6.72 | 2.27 | 1.97 |
| Dentists | 230 | 230 | 6.89 | 6.87 | 0.00 | -0.51 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 22 | n/a | 0.66 | n/a | n/a |
| Emergency Medical Assistants | 206 | 210 | 6.17 | 6.27 | 1.79 | 1.51 |
| First Responders | 892 | 842 | 26.72 | 25.15 | -5.19 | -5.44 |
| Midwives | 14 | 11 | 0.42 | 0.33 | -21.43 | -21.66 |
| Opticians | 117 | 106 | 3.50 | 3.17 | -9.40 | -9.67 |
| Pharmacists | 283 | 283 | 8.48 | 8.45 | 0.00 | -0.44 |
| Physicians (Directory Active) | 954 | 963 | 28.57 | 28.76 | 0.87 | 0.60 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 496 | 488 | 14.86 | 14.57 | -1.61 | -1.90 |
| Registered Nurses | 3,820 | 3,731 | 114.42 | 111.42 | -2.33 | -2.62 |
| Licensed Graduate Nurses | 15 | 15 | 0.45 | 0.45 | 0.00 | -0.30 |
| Registered Psychiatric Nurses | 148 | 144 | 4.43 | 4.30 | -2.50 | -2.76 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 86 | 86 | 2.58 | 2.57 | 0.00 | -0.22 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 148 | 158 | 4.43 | 4.72 | 6.76 | 6.44 |
| Occupational Therapists ⁶ | n/a | 136 | n/a | 4.06 | n/a | n/a |
| Physical Therapists ⁷ | 285 | 310 | 8.52 | 9.26 | 4.12 | 4.05 |
| TOTAL⁸ | 8,364 | 8,259 | 250.52 | 246.65 | -0.63 | -0.78 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 1,028 | n/a | 30.70 | n/a | n/a |
| Extended Care Beds | n/a | 1,353 | n/a | 40.41 | n/a | n/a |
| TOTAL BEDS | n/a | 2,381 | n/a | 71.11 | n/a | n/a |
| <i>Community Pharmacies</i> | 73 | 67 | 2.19 | 2.00 | -12.07 | -12.46 |
| <i>Population</i> | 333,859 | 334,847 | n/a | n/a | 0.15 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 35
Capital Regional Health Board
Selected Health Personnel¹ by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Sex Unknown | Total |
|---|------|-----|-------|-----|-------|-------|-------|-------|-------|-----|------|----|-------------|----|----------|-------|-------------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 59 | 1 | 178 | 0 | 148 | 0 | 63 | 0 | 7 | 0 | 0 | 0 | 1 | 1 | 456 | 0 | 457 |
| Dental Hygienists | 0 | 1 | 1 | 79 | 5 | 84 | 2 | 46 | 1 | 6 | 0 | 0 | 0 | 0 | 9 | 216 | 0 | 225 |
| Dentists | 0 | 0 | 18 | 12 | 43 | 12 | 85 | 5 | 46 | 1 | 8 | 0 | 0 | 0 | 200 | 30 | 0 | 230 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 10 | 3 | 37 | 8 | 61 | 17 | 52 | 15 | 6 | 1 | 0 | 0 | 0 | 0 | 166 | 44 | 0 | 210 |
| First Responders | 40 | 9 | 191 | 27 | 295 | 24 | 205 | 11 | 25 | 4 | 6 | 2 | 3 | 0 | 765 | 77 | 0 | 842 |
| Opticians | 1 | 2 | 7 | 12 | 6 | 10 | 8 | 11 | 3 | 4 | 0 | 0 | 22 | 20 | 47 | 59 | 0 | 106 |
| Pharmacists | 3 | 6 | 34 | 32 | 28 | 51 | 44 | 47 | 22 | 8 | 5 | 0 | 1 | 2 | 137 | 146 | 0 | 283 |
| Physicians (Directory Active) | 0 | 0 | 34 | 48 | 163 | 95 | 240 | 74 | 178 | 32 | 90 | 5 | 3 | 1 | 708 | 255 | 0 | 963 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 7 | 3 | 53 | 12 | 113 | 24 | 177 | 9 | 76 | 1 | 7 | 0 | 6 | 49 | 439 | 0 | 488 |
| Registered Nurses | 4 | 40 | 22 | 401 | 67 | 984 | 70 | 1,350 | 18 | 702 | 0 | 73 | 0 | 0 | 181 | 3,550 | 0 | 3,731 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 15 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 8 | 5 | 30 | 19 | 46 | 11 | 23 | 0 | 1 | 0 | 1 | 35 | 109 | 0 | 144 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 1 | 6 | 36 | 7 | 39 | 16 | 39 | 7 | 7 | 0 | 0 | 0 | 0 | 36 | 122 | 0 | 158 |
| Physical Therapists | 1 | 3 | 11 | 43 | 18 | 68 | 11 | 94 | 7 | 40 | 2 | 6 | 1 | 4 | 51 | 258 | 1 | 310 |
| TOTAL | 59 | 131 | 365 | 937 | 710 | 1,676 | 776 | 1,987 | 333 | 916 | 112 | 94 | 30 | 35 | 2,385 | 5,776 | 1 | 8,162 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 36
Capital Regional Health Board
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|--|---------------------|--------------|------------|--------------|-------------------------|-------------|------------|--------------|--------------|-------------|-----------------|--------------|---------------|--------------|-----------|-------------|--------------|---------------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 434 | 94.97 | 16 | 3.50 | 4 | 0.88 | 0 | 0.00 | 2 | 0.44 | 456 | 99.78 | 1 | 0.22 | 0 | 0.00 | 457 | 100.00 |
| Dental Hygienists | 130 | 57.78 | 18 | 8.00 | 20 | 8.89 | 31 | 13.78 | 16 | 7.11 | 215 | 95.56 | 10 | 4.44 | 0 | 0.00 | 225 | 100.00 |
| Dentists | 59 | 25.65 | 61 | 26.52 | 24 | 10.43 | 32 | 13.91 | 27 | 11.74 | 203 | 88.26 | 27 | 11.74 | 0 | 0.00 | 230 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 183 | 64.66 | 23 | 8.13 | 41 | 14.49 | 3 | 1.06 | 3 | 1.06 | 253 | 89.40 | 21 | 7.42 | 9 | 3.18 | 283 | 100.00 |
| Physicians (Directory Active) | 210 | 21.81 | 148 | 15.37 | 80 | 8.31 | 208 | 21.60 | 88 | 9.14 | 734 | 76.22 | 229 | 23.78 | 0 | 0.00 | 963 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 318 | 65.16 | 30 | 6.15 | 30 | 6.15 | 57 | 11.68 | 32 | 6.56 | 467 | 95.70 | 9 | 1.84 | 12 | 2.46 | 488 | 100.00 |
| Registered Nurses | 2,125 | 56.96 | 349 | 9.35 | 306 | 8.20 | 459 | 12.30 | 177 | 4.74 | 3,416 | 91.56 | 315 | 8.44 | 0 | 0.00 | 3,731 | 100.00 |
| Registered Psychiatric Nurses | 70 | 48.61 | 11 | 7.64 | 36 | 25.00 | 0 | 0.00 | 0 | 0.00 | 117 | 81.25 | 16 | 11.11 | 11 | 7.64 | 144 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 26 | 30.23 | 15 | 17.44 | 8 | 9.30 | 13 | 15.12 | 17 | 19.77 | 79 | 91.86 | 7 | 8.14 | 0 | 0.00 | 86 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 84 | 53.16 | 1 | 0.63 | 0 | 0.00 | 64 | 40.51 | 1 | 0.63 | 150 | 94.94 | 5 | 3.16 | 3 | 1.90 | 158 | 100.00 |
| Physical Therapists | 66 | 21.29 | 46 | 14.84 | 33 | 10.65 | 60 | 19.35 | 23 | 7.42 | 228 | 73.55 | 69 | 22.26 | 13 | 4.19 | 310 | 100.00 |
| TOTAL | 3,705 | 52.37 | 718 | 10.15 | 582 | 8.23 | 927 | 13.10 | 386 | 5.46 | 6,318 | 89.30 | 709 | 10.02 | 48 | 0.68 | 7,075 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 37
East Kootenay Community Health Services Society
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|---------------|---------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 104 | 105 | 12.69 | 12.72 | 1.93 | 0.49 |
| Dental Hygienists | 29 | 28 | 3.54 | 3.39 | -3.45 | -4.14 |
| Dentists | 38 | 38 | 4.64 | 4.60 | 0.00 | -1.22 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 2 | n/a | 0.24 | n/a | n/a |
| Emergency Medical Assistants | 135 | 142 | 16.47 | 17.20 | 4.78 | 4.09 |
| First Responders | 113 | 122 | 13.79 | 14.78 | 7.33 | 6.62 |
| Midwives | 0 | 1 | 0.00 | 0.12 | * | * |
| Opticians | 7 | 7 | 0.85 | 0.85 | * | * |
| Pharmacists | 49 | 46 | 5.98 | 5.57 | -9.04 | -10.01 |
| Physicians (Directory Active) | 130 | 127 | 15.86 | 15.38 | -2.13 | -2.78 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 166 | 171 | 20.25 | 20.71 | 3.01 | 2.28 |
| Registered Nurses | 543 | 529 | 66.25 | 64.08 | -2.58 | -3.27 |
| Licensed Graduate Nurses | 0 | 0 | 0.00 | 0.00 | * | * |
| Registered Psychiatric Nurses | 18 | 21 | 2.20 | 2.54 | 15.29 | 14.53 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 15 | 16 | 1.83 | 1.94 | 4.96 | 4.40 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 27 | 27 | 3.29 | 3.27 | 0.00 | -0.71 |
| Occupational Therapists ⁶ | n/a | 10 | n/a | 1.21 | n/a | n/a |
| Physical Therapists ⁷ | 41 | 44 | 5.06 | 5.33 | 3.45 | 2.50 |
| TOTAL⁸ | 1,415 | 1,424 | 172.64 | 172.50 | 0.32 | -0.04 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 189 | n/a | 22.89 | n/a | n/a |
| Extended Care Beds | n/a | 113 | n/a | 13.69 | n/a | n/a |
| TOTAL BEDS | n/a | 302 | n/a | 36.58 | n/a | n/a |
| <i>Community Pharmacies</i> | 17 | 17 | 2.07 | 2.06 | 0.00 | -1.07 |
| <i>Population</i> | 81,964 | 82,552 | n/a | n/a | 0.36 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 38
East Kootenay Community Health Services Society
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|---|-------------|---|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 16 | 0 | 43 | 0 | 38 | 0 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 105 | 105 |
| Dental Hygienists | 0 | 1 | 0 | 9 | 1 | 11 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 26 | 28 |
| Dentists | 0 | 0 | 7 | 0 | 6 | 2 | 12 | 1 | 7 | 0 | 3 | 0 | 0 | 0 | 35 | 3 | 38 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 4 | 2 | 35 | 19 | 33 | 23 | 13 | 6 | 6 | 1 | 0 | 0 | 0 | 0 | 91 | 51 | 142 |
| First Responders | 4 | 1 | 23 | 7 | 43 | 6 | 21 | 4 | 11 | 0 | 2 | 0 | 0 | 0 | 104 | 18 | 122 |
| Opticians | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 4 | 7 |
| Pharmacists | 0 | 1 | 10 | 11 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 0 | 1 | 0 | 23 | 23 | 46 |
| Physicians (Directory Active) | 0 | 0 | 12 | 9 | 30 | 9 | 33 | 5 | 18 | 1 | 9 | 1 | 0 | 0 | 102 | 25 | 127 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 5 | 0 | 22 | 2 | 55 | 1 | 62 | 0 | 20 | 0 | 0 | 1 | 3 | 4 | 167 | 171 |
| Registered Nurses | 0 | 6 | 4 | 79 | 6 | 136 | 4 | 194 | 1 | 92 | 0 | 7 | 0 | 0 | 15 | 514 | 529 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 2 | 1 | 7 | 1 | 4 | 0 | 5 | 0 | 0 | 0 | 1 | 2 | 19 | 21 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 2 | 6 | 2 | 9 | 3 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 7 | 20 | 27 |
| Physical Therapists | 0 | 0 | 2 | 11 | 2 | 13 | 2 | 9 | 1 | 4 | 0 | 0 | 0 | 0 | 7 | 37 | 44 |
| TOTAL | 8 | 32 | 95 | 219 | 129 | 314 | 95 | 305 | 48 | 129 | 16 | 8 | 4 | 5 | 395 | 1,012 | 1,407 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 39
East Kootenay Community Health Services Society
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | TOTAL | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 91 | 86.67 | 8 | 7.62 | 3 | 2.86 | 0 | 0.00 | 0 | 0.00 | 102 | 97.14 | 3 | 2.86 | 0 | 0.00 | 105 | 100.00 |
| Dental Hygienists | 8 | 28.57 | 6 | 21.43 | 3 | 10.71 | 2 | 7.14 | 3 | 10.71 | 22 | 78.57 | 6 | 21.43 | 0 | 0.00 | 28 | 100.00 |
| Dentists | 11 | 28.95 | 7 | 18.42 | 4 | 10.53 | 3 | 7.89 | 1 | 2.63 | 26 | 68.42 | 12 | 31.58 | 0 | 0.00 | 38 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 32 | 69.57 | 7 | 15.22 | 5 | 10.87 | 0 | 0.00 | 0 | 0.00 | 44 | 95.65 | 2 | 4.35 | 0 | 0.00 | 46 | 100.00 |
| Physicians (Directory Active) | 19 | 14.96 | 29 | 22.83 | 18 | 14.17 | 25 | 19.69 | 4 | 3.15 | 95 | 74.80 | 32 | 25.20 | 0 | 0.00 | 127 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 127 | 74.27 | 17 | 9.94 | 8 | 4.68 | 10 | 5.85 | 5 | 2.92 | 167 | 97.66 | 2 | 1.17 | 2 | 1.17 | 171 | 100.00 |
| Registered Nurses | 198 | 37.43 | 133 | 25.14 | 75 | 14.18 | 58 | 10.96 | 26 | 4.91 | 490 | 92.63 | 39 | 7.37 | 0 | 0.00 | 529 | 100.00 |
| Registered Psychiatric Nurses | 9 | 42.86 | 2 | 9.52 | 9 | 42.86 | 0 | 0.00 | 0 | 0.00 | 20 | 95.24 | 0 | 0.00 | 1 | 4.76 | 21 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 5 | 31.25 | 3 | 18.75 | 3 | 18.75 | 0 | 0.00 | 2 | 12.50 | 13 | 81.25 | 3 | 18.75 | 0 | 0.00 | 16 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 14 | 51.85 | 0 | 0.00 | 0 | 0.00 | 13 | 48.15 | 0 | 0.00 | 27 | 100.00 | 0 | 0.00 | 0 | 0.00 | 27 | 100.00 |
| Physical Therapists | 5 | 11.36 | 6 | 13.64 | 7 | 15.91 | 6 | 13.64 | 4 | 9.09 | 28 | 63.64 | 13 | 29.55 | 3 | 6.82 | 44 | 100.00 |
| TOTAL | 519 | 45.05 | 218 | 18.92 | 135 | 11.72 | 117 | 10.16 | 45 | 3.91 | 1,034 | 89.76 | 112 | 9.72 | 6 | 0.52 | 1,152 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 40
Kootenay Boundary Community Health Services Society
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|---|---------------|---------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| Dental Services | | | | | | |
| Certified Dental Assistants | 112 | 114 | 13.59 | 13.78 | 3.60 | 2.67 |
| Dental Hygienists | 33 | 32 | 4.01 | 3.87 | -3.03 | -3.47 |
| Dentists | 42 | 44 | 5.10 | 5.32 | 8.30 | 7.47 |
| Medical & Treatment Services | | | | | | |
| Acupuncturists ⁵ | n/a | 2 | n/a | 0.24 | n/a | n/a |
| Emergency Medical Assistants | 152 | 148 | 18.45 | 17.88 | -2.43 | -2.84 |
| First Responders | 220 | 224 | 26.70 | 27.07 | 1.68 | 1.26 |
| Midwives | 2 | 2 | 0.24 | 0.24 | * | * |
| Opticians | 11 | 13 | 1.34 | 1.57 | 18.18 | 17.65 |
| Pharmacists | 52 | 55 | 6.31 | 6.65 | 8.78 | 8.04 |
| Physicians (Directory Active) | 144 | 141 | 17.48 | 17.04 | -1.92 | -2.33 |
| Nursing Services | | | | | | |
| Licensed Practical Nurses | 205 | 199 | 24.88 | 24.05 | -2.93 | -3.36 |
| Registered Nurses | 697 | 676 | 84.60 | 81.68 | -3.01 | -3.45 |
| Licensed Graduate Nurses | 12 | 10 | 1.46 | 1.21 | -16.67 | -17.04 |
| Registered Psychiatric Nurses | 23 | 25 | 2.79 | 3.02 | 8.00 | 7.55 |
| Nutrition & Dietary Services | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 17 | 17 | 2.06 | 2.05 | 0.00 | -0.34 |
| Rehabilitation Services | | | | | | |
| Massage Therapists | 45 | 45 | 5.46 | 5.44 | 0.00 | -0.45 |
| Occupational Therapists ⁶ | n/a | 14 | n/a | 1.69 | n/a | n/a |
| Physical Therapists ⁷ | 56 | 64 | 6.80 | 7.73 | 6.62 | 6.39 |
| TOTAL⁸ | 1,823 | 1,809 | 221.28 | 218.59 | -0.38 | -0.61 |
| Hospital Beds^{9,10} | | | | | | |
| Acute Care Beds | n/a | 207 | n/a | 25.01 | n/a | n/a |
| Extended Care Beds | n/a | 244 | n/a | 29.48 | n/a | n/a |
| TOTAL BEDS | n/a | 451 | n/a | 54.50 | n/a | n/a |
| Community Pharmacies | 21 | 21 | 2.55 | 2.54 | 0.00 | -0.67 |
| Population | 82,386 | 82,758 | n/a | n/a | 0.23 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 41
Kootenay Boundary Community Health Services Society
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|----|----------|-------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 11 | 0 | 47 | 0 | 38 | 0 | 16 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 114 | 114 |
| Dental Hygienists | 0 | 0 | 1 | 11 | 2 | 10 | 0 | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 4 | 28 | 32 |
| Dentists | 0 | 0 | 4 | 4 | 10 | 3 | 17 | 0 | 5 | 0 | 1 | 0 | 0 | 0 | 37 | 7 | 44 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 2 | 3 | 23 | 16 | 37 | 21 | 26 | 11 | 4 | 3 | 0 | 0 | 1 | 1 | 93 | 55 | 148 |
| First Responders | 20 | 1 | 45 | 4 | 78 | 3 | 54 | 4 | 13 | 0 | 1 | 0 | 1 | 0 | 212 | 12 | 224 |
| Opticians | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 8 | 5 | 13 |
| Pharmacists | 0 | 1 | 11 | 10 | 5 | 6 | 5 | 8 | 6 | 0 | 1 | 0 | 2 | 0 | 30 | 25 | 55 |
| Physicians (Directory Active) | 0 | 0 | 12 | 6 | 26 | 22 | 34 | 12 | 18 | 2 | 9 | 0 | 0 | 0 | 99 | 42 | 141 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 0 | 2 | 15 | 1 | 56 | 2 | 91 | 1 | 26 | 0 | 0 | 0 | 5 | 6 | 193 | 199 |
| Registered Nurses | 0 | 5 | 4 | 58 | 12 | 171 | 13 | 289 | 2 | 111 | 0 | 11 | 0 | 0 | 31 | 645 | 676 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | 10 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 1 | 1 | 4 | 4 | 7 | 2 | 4 | 0 | 1 | 0 | 1 | 7 | 18 | 25 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 6 | 10 | 8 | 8 | 2 | 9 | 1 | 0 | 1 | 0 | 0 | 0 | 18 | 27 | 45 |
| Physical Therapists | 0 | 0 | 5 | 8 | 1 | 19 | 5 | 15 | 0 | 7 | 0 | 2 | 0 | 2 | 11 | 53 | 64 |
| TOTAL | 22 | 21 | 113 | 190 | 184 | 362 | 165 | 474 | 53 | 162 | 13 | 14 | 6 | 11 | 556 | 1,234 | 1,790 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 42
Kootenay Boundary Community Health Services Society
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|------|-----------------|-------|---------------|-------|---------|-------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 99 | 86.84 | 7 | 6.14 | 1 | 0.88 | 0 | 0.00 | 0 | 0.00 | 107 | 93.86 | 7 | 6.14 | 0 | 0.00 | 114 | 100.00 |
| Dental Hygienists | 8 | 25.00 | 4 | 12.50 | 4 | 12.50 | 8 | 25.00 | 3 | 9.38 | 27 | 84.38 | 5 | 15.63 | 0 | 0.00 | 32 | 100.00 |
| Dentists | 16 | 36.36 | 9 | 20.45 | 2 | 4.55 | 6 | 13.64 | 4 | 9.09 | 37 | 84.09 | 7 | 15.91 | 0 | 0.00 | 44 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 39 | 70.91 | 9 | 16.36 | 4 | 7.27 | 1 | 1.82 | 1 | 1.82 | 54 | 98.18 | 0 | 0.00 | 1 | 1.82 | 55 | 100.00 |
| Physicians (Directory Active) | 32 | 22.70 | 25 | 17.73 | 7 | 4.96 | 31 | 21.99 | 10 | 7.09 | 105 | 74.47 | 36 | 25.53 | 0 | 0.00 | 141 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 157 | 78.89 | 17 | 8.54 | 6 | 3.02 | 6 | 3.02 | 4 | 2.01 | 190 | 95.48 | 6 | 3.02 | 3 | 1.51 | 199 | 100.00 |
| Registered Nurses | 441 | 65.24 | 61 | 9.02 | 44 | 6.51 | 51 | 7.54 | 27 | 3.99 | 624 | 92.31 | 52 | 7.69 | 0 | 0.00 | 676 | 100.00 |
| Registered Psychiatric Nurses | 18 | 72.00 | 2 | 8.00 | 2 | 8.00 | 0 | 0.00 | 0 | 0.00 | 22 | 88.00 | 0 | 0.00 | 3 | 12.00 | 25 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 8 | 47.06 | 3 | 17.65 | 4 | 23.53 | 0 | 0.00 | 0 | 0.00 | 15 | 88.24 | 2 | 11.76 | 0 | 0.00 | 17 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 23 | 51.11 | 0 | 0.00 | 0 | 0.00 | 21 | 46.67 | 0 | 0.00 | 44 | 97.78 | 0 | 0.00 | 1 | 2.22 | 45 | 100.00 |
| Physical Therapists | 12 | 18.75 | 15 | 23.44 | 2 | 3.13 | 8 | 12.50 | 4 | 6.25 | 41 | 64.06 | 21 | 32.81 | 2 | 3.13 | 64 | 100.00 |
| <hr/> | | | | | | | | | | | | | | | | | | |
| TOTAL | 853 | 60.41 | 152 | 10.76 | 76 | 5.38 | 132 | 9.35 | 53 | 3.75 | 1,266 | 89.66 | 136 | 9.63 | 10 | 0.71 | 1,412 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 43
Coast Garibaldi Community Health Services Society
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|---------------|---------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 88 | 90 | 11.15 | 11.19 | 4.60 | 0.63 |
| Dental Hygienists | 29 | 29 | 3.68 | 3.60 | 0.00 | -1.92 |
| Dentists | 36 | 37 | 4.56 | 4.60 | 4.81 | 1.39 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 3 | n/a | 0.37 | n/a | n/a |
| Emergency Medical Assistants | 146 | 132 | 18.50 | 16.41 | -8.89 | -10.50 |
| First Responders | 238 | 230 | 30.16 | 28.59 | -3.11 | -4.82 |
| Midwives | 3 | 3 | 0.38 | 0.37 | * | * |
| Opticians | 14 | 12 | 1.77 | 1.49 | -14.29 | -15.93 |
| Pharmacists | 52 | 56 | 6.59 | 6.96 | 11.76 | 8.56 |
| Physicians (Directory Active) | 114 | 125 | 14.45 | 15.54 | 8.87 | 6.95 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 102 | 99 | 12.93 | 12.31 | -2.94 | -4.80 |
| Registered Nurses | 391 | 380 | 49.55 | 47.24 | -2.81 | -4.68 |
| Licensed Graduate Nurses | 1 | 1 | 0.13 | 0.12 | * | * |
| Registered Psychiatric Nurses | 30 | 29 | 3.80 | 3.60 | -3.08 | -4.80 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 8 | 9 | 1.01 | 1.12 | * | * |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 65 | 63 | 8.24 | 7.83 | -3.08 | -4.93 |
| Occupational Therapists ⁶ | n/a | 10 | n/a | 1.24 | n/a | n/a |
| Physical Therapists ⁷ | 58 | 63 | 7.43 | 7.83 | 4.05 | 2.55 |
| TOTAL⁸ | 1,375 | 1,358 | 174.26 | 168.80 | -0.62 | -1.58 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 103 | n/a | 12.80 | n/a | n/a |
| Extended Care Beds | n/a | 145 | n/a | 18.02 | n/a | n/a |
| TOTAL BEDS | n/a | 248 | n/a | 30.83 | n/a | n/a |
| <i>Community Pharmacies</i> | 18 | 17 | 2.28 | 2.11 | -8.22 | -10.84 |
| <i>Population</i> | 78,906 | 80,448 | n/a | n/a | 0.97 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 44
Coast Garibaldi Community Health Services Society
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|---|-------------|---|----------|-----|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 7 | 0 | 28 | 0 | 42 | 0 | 11 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 90 | 90 |
| Dental Hygienists | 0 | 0 | 0 | 8 | 0 | 9 | 0 | 10 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 29 | 29 |
| Dentists | 0 | 0 | 4 | 2 | 7 | 1 | 11 | 2 | 4 | 1 | 5 | 0 | 0 | 0 | 31 | 6 | 37 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 2 | 2 | 51 | 18 | 25 | 10 | 13 | 6 | 3 | 1 | 1 | 0 | 0 | 0 | 95 | 37 | 132 |
| First Responders | 5 | 2 | 75 | 5 | 83 | 5 | 38 | 0 | 11 | 4 | 0 | 1 | 1 | 0 | 213 | 17 | 230 |
| Opticians | 0 | 0 | 1 | 2 | 1 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 2 | 1 | 7 | 5 | 12 |
| Pharmacists | 1 | 6 | 6 | 8 | 8 | 11 | 4 | 6 | 3 | 1 | 2 | 0 | 0 | 0 | 24 | 32 | 56 |
| Physicians (Directory Active) | 0 | 0 | 6 | 9 | 31 | 18 | 31 | 8 | 12 | 1 | 9 | 0 | 0 | 0 | 89 | 36 | 125 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 1 | 0 | 13 | 2 | 26 | 0 | 40 | 1 | 16 | 0 | 0 | 0 | 0 | 3 | 96 | 99 |
| Registered Nurses | 1 | 2 | 1 | 54 | 4 | 114 | 3 | 131 | 0 | 64 | 0 | 6 | 0 | 0 | 9 | 371 | 380 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 4 | 2 | 9 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 24 | 29 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 1 | 5 | 18 | 7 | 22 | 2 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 14 | 49 | 63 |
| Physical Therapists | 0 | 0 | 3 | 20 | 0 | 20 | 1 | 12 | 1 | 6 | 0 | 0 | 0 | 0 | 5 | 58 | 63 |
| TOTAL | 9 | 21 | 152 | 189 | 170 | 288 | 109 | 244 | 35 | 100 | 17 | 8 | 3 | 1 | 495 | 851 | 1,346 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 45
Coast Garibaldi Community Health Services Society
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | TOTAL | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 82 | 91.11 | 2 | 2.22 | 3 | 3.33 | 1 | 1.11 | 0 | 0.00 | 88 | 97.78 | 2 | 2.22 | 0 | 0.00 | 90 | 100.00 |
| Dental Hygienists | 16 | 55.17 | 6 | 20.69 | 1 | 3.45 | 1 | 3.45 | 1 | 3.45 | 25 | 86.21 | 4 | 13.79 | 0 | 0.00 | 29 | 100.00 |
| Dentists | 18 | 48.65 | 1 | 2.70 | 2 | 5.41 | 3 | 8.11 | 5 | 13.51 | 29 | 78.38 | 8 | 21.62 | 0 | 0.00 | 37 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 48 | 85.71 | 1 | 1.79 | 3 | 5.36 | 1 | 1.79 | 1 | 1.79 | 54 | 96.43 | 2 | 3.57 | 0 | 0.00 | 56 | 100.00 |
| Physicians (Directory Active) | 35 | 28.00 | 13 | 10.40 | 14 | 11.20 | 24 | 19.20 | 14 | 11.20 | 100 | 80.00 | 25 | 20.00 | 0 | 0.00 | 125 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 77 | 77.78 | 5 | 5.05 | 4 | 4.04 | 6 | 6.06 | 3 | 3.03 | 95 | 95.96 | 1 | 1.01 | 3 | 3.03 | 99 | 100.00 |
| Registered Nurses | 216 | 56.84 | 27 | 7.11 | 23 | 6.05 | 55 | 14.47 | 20 | 5.26 | 341 | 89.74 | 39 | 10.26 | 0 | 0.00 | 380 | 100.00 |
| Registered Psychiatric Nurses | 27 | 93.10 | 0 | 0.00 | 1 | 3.45 | 0 | 0.00 | 0 | 0.00 | 28 | 96.55 | 1 | 3.45 | 0 | 0.00 | 29 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 4 | 44.44 | 0 | 0.00 | 0 | 0.00 | 2 | 22.22 | 3 | 33.33 | 9 | 100.00 | 0 | 0.00 | 0 | 0.00 | 9 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 44 | 69.84 | 0 | 0.00 | 1 | 1.59 | 17 | 26.98 | 0 | 0.00 | 62 | 98.41 | 1 | 1.59 | 0 | 0.00 | 63 | 100.00 |
| Physical Therapists | 14 | 22.22 | 8 | 12.70 | 0 | 0.00 | 12 | 19.05 | 8 | 12.70 | 42 | 66.67 | 19 | 30.16 | 2 | 3.17 | 63 | 100.00 |
| TOTAL | | | | | | | | | | | | | | | | | | |
| | 581 | 59.29 | 63 | 6.43 | 52 | 5.31 | 122 | 12.45 | 55 | 5.61 | 873 | 89.08 | 102 | 10.41 | 5 | 0.51 | 980 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 46
Upper Island/Central Coast Community Health Services Society
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|----------------|----------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 178 | 177 | 14.55 | 14.41 | -1.12 | -1.84 |
| Dental Hygienists | 52 | 50 | 4.25 | 4.07 | -3.85 | -4.20 |
| Dentists | 57 | 57 | 4.66 | 4.64 | 0.00 | -0.63 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 4 | n/a | 0.33 | n/a | n/a |
| Emergency Medical Assistants | 179 | 178 | 14.63 | 14.49 | -0.52 | -0.85 |
| First Responders | 289 | 296 | 23.62 | 24.10 | 2.23 | 1.89 |
| Midwives | 5 | 5 | 0.41 | 0.41 | * | * |
| Opticians | 22 | 21 | 1.80 | 1.71 | -4.55 | -4.90 |
| Pharmacists | 63 | 58 | 5.15 | 4.72 | -11.67 | -12.15 |
| Physicians (Directory Active) | 183 | 184 | 14.96 | 14.98 | 0.50 | 0.16 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 171 | 167 | 13.98 | 13.60 | -2.34 | -2.70 |
| Registered Nurses | 826 | 811 | 67.51 | 66.04 | -1.82 | -2.18 |
| Licensed Graduate Nurses | 4 | 4 | 0.33 | 0.33 | * | * |
| Registered Psychiatric Nurses | 38 | 37 | 3.11 | 3.01 | -2.43 | -2.76 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 15 | 15 | 1.23 | 1.22 | 0.00 | -0.27 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 39 | 41 | 3.19 | 3.34 | 5.13 | 4.74 |
| Occupational Therapists ⁶ | n/a | 24 | n/a | 1.95 | n/a | n/a |
| Physical Therapists ⁷ | 61 | 64 | 4.98 | 5.21 | 2.33 | 2.21 |
| TOTAL⁸ | 2,182 | 2,165 | 178.33 | 176.29 | -0.39 | -0.57 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 220 | n/a | 17.91 | n/a | n/a |
| Extended Care Beds | n/a | 214 | n/a | 17.43 | n/a | n/a |
| TOTAL BEDS | n/a | 434 | n/a | 35.34 | n/a | n/a |
| <i>Community Pharmacies</i> | 23 | 24 | 1.88 | 1.95 | 6.59 | 6.01 |
| <i>Population</i> | 122,359 | 122,809 | n/a | n/a | 0.18 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 47
Upper Island/Central Coast Community Health Services Society
Selected Health Personnel¹ by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Sex Unknown | Total |
|-------------------------------|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|----|----------|-------|-------------|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 11 | 0 | 44 | 0 | 89 | 0 | 29 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 177 | 0 | 177 |
| Dental Hygienists | 0 | 0 | 0 | 13 | 0 | 20 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 49 | 0 | 50 |
| Dentists | 0 | 0 | 11 | 1 | 9 | 3 | 23 | 3 | 7 | 0 | 0 | 0 | 0 | 0 | 50 | 7 | 0 | 57 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 4 | 2 | 23 | 6 | 50 | 30 | 35 | 12 | 9 | 4 | 0 | 0 | 1 | 2 | 122 | 56 | 0 | 178 |
| First Responders | 12 | 2 | 87 | 11 | 100 | 8 | 62 | 3 | 11 | 0 | 0 | 0 | 0 | 0 | 272 | 24 | 0 | 296 |
| Opticians | 0 | 0 | 0 | 5 | 2 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 2 | 7 | 5 | 16 | 0 | 21 |
| Pharmacists | 0 | 1 | 4 | 11 | 11 | 9 | 6 | 7 | 6 | 1 | 0 | 0 | 0 | 2 | 27 | 31 | 0 | 58 |
| Physicians (Directory Active) | 0 | 0 | 8 | 7 | 40 | 26 | 53 | 12 | 24 | 5 | 9 | 0 | 0 | 0 | 134 | 50 | 0 | 184 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 0 | 0 | 14 | 2 | 53 | 0 | 76 | 1 | 17 | 0 | 1 | 0 | 3 | 3 | 164 | 0 | 167 |
| Registered Nurses | 0 | 8 | 4 | 76 | 12 | 257 | 6 | 300 | 2 | 136 | 0 | 10 | 0 | 0 | 24 | 787 | 0 | 811 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 6 | 0 | 7 | 2 | 17 | 0 | 1 | 1 | 0 | 1 | 1 | 4 | 32 | 1 | 37 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 1 | 1 | 8 | 1 | 11 | 2 | 13 | 0 | 3 | 0 | 1 | 0 | 0 | 4 | 37 | 0 | 41 |
| Physical Therapists | 0 | 1 | 0 | 11 | 4 | 15 | 5 | 19 | 1 | 7 | 0 | 0 | 0 | 1 | 10 | 54 | 0 | 64 |
| TOTAL | 16 | 26 | 138 | 213 | 231 | 530 | 195 | 511 | 62 | 179 | 10 | 12 | 4 | 17 | 656 | 1,488 | 1 | 2,145 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 48
Upper Island/Central Coast Community Health Services Society
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | TOTAL | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 158 | 89.27 | 9 | 5.08 | 4 | 2.26 | 0 | 0.00 | 2 | 1.13 | 173 | 97.74 | 4 | 2.26 | 0 | 0.00 | 177 | 100.00 |
| Dental Hygienists | 19 | 38.00 | 2 | 4.00 | 7 | 14.00 | 12 | 24.00 | 2 | 4.00 | 42 | 84.00 | 8 | 16.00 | 0 | 0.00 | 50 | 100.00 |
| Dentists | 19 | 33.33 | 11 | 19.30 | 6 | 10.53 | 7 | 12.28 | 8 | 14.04 | 51 | 89.47 | 6 | 10.53 | 0 | 0.00 | 57 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 32 | 55.17 | 6 | 10.34 | 9 | 15.52 | 2 | 3.45 | 4 | 6.90 | 53 | 91.38 | 4 | 6.90 | 1 | 1.72 | 58 | 100.00 |
| Physicians (Directory Active) | 51 | 27.72 | 27 | 14.67 | 9 | 4.89 | 27 | 14.67 | 17 | 9.24 | 131 | 71.20 | 53 | 28.80 | 0 | 0.00 | 184 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 113 | 67.66 | 14 | 8.38 | 8 | 4.79 | 16 | 9.58 | 9 | 5.39 | 160 | 95.81 | 4 | 2.40 | 3 | 1.80 | 167 | 100.00 |
| Registered Nurses | 439 | 54.13 | 56 | 6.91 | 86 | 10.60 | 100 | 12.33 | 62 | 7.64 | 743 | 91.62 | 68 | 8.38 | 0 | 0.00 | 811 | 100.00 |
| Registered Psychiatric Nurses | 21 | 56.76 | 6 | 16.22 | 5 | 13.51 | 0 | 0.00 | 0 | 0.00 | 32 | 86.49 | 2 | 5.41 | 3 | 8.11 | 37 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 6 | 40.00 | 2 | 13.33 | 2 | 13.33 | 3 | 20.00 | 2 | 13.33 | 15 | 100.00 | 0 | 0.00 | 0 | 0.00 | 15 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 26 | 63.41 | 0 | 0.00 | 0 | 0.00 | 15 | 36.59 | 0 | 0.00 | 41 | 100.00 | 0 | 0.00 | 0 | 0.00 | 41 | 100.00 |
| Physical Therapists | 23 | 35.94 | 4 | 6.25 | 6 | 9.38 | 9 | 14.06 | 4 | 6.25 | 46 | 71.88 | 17 | 26.56 | 1 | 1.56 | 64 | 100.00 |
| TOTAL | 907 | 54.61 | 137 | 8.25 | 142 | 8.55 | 191 | 11.50 | 110 | 6.62 | 1,487 | 89.52 | 166 | 9.99 | 8 | 0.48 | 1,661 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 49
Cariboo Community Health Services Society
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|---|---------------|---------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| Dental Services | | | | | | |
| Certified Dental Assistants | 80 | 80 | 10.44 | 10.36 | 0.00 | -1.37 |
| Dental Hygienists | 28 | 26 | 3.65 | 3.37 | -7.14 | -7.78 |
| Dentists | 30 | 30 | 3.91 | 3.89 | 0.00 | -1.17 |
| Medical & Treatment Services | | | | | | |
| Acupuncturists ⁵ | n/a | 0 | n/a | 0.00 | n/a | n/a |
| Emergency Medical Assistants | 77 | 80 | 10.04 | 10.36 | 3.59 | 2.94 |
| First Responders | 70 | 103 | 9.13 | 13.34 | 42.84 | 41.93 |
| Midwives | 0 | 0 | 0.00 | 0.00 | * | * |
| Opticians | 22 | 23 | 2.87 | 2.98 | 4.55 | 3.83 |
| Pharmacists | 42 | 40 | 5.48 | 5.18 | -7.06 | -8.01 |
| Physicians (Directory Active) | 83 | 90 | 10.83 | 11.66 | 7.76 | 7.08 |
| Nursing Services | | | | | | |
| Licensed Practical Nurses | 93 | 92 | 12.13 | 11.92 | -1.08 | -1.75 |
| Registered Nurses | 418 | 406 | 54.53 | 52.60 | -2.87 | -3.54 |
| Licensed Graduate Nurses | 1 | 0 | 0.13 | 0.00 | * | * |
| Registered Psychiatric Nurses | 24 | 24 | 3.13 | 3.11 | 0.00 | -0.63 |
| Nutrition & Dietary Services | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 8 | 7 | 1.04 | 0.91 | * | * |
| Rehabilitation Services | | | | | | |
| Massage Therapists | 13 | 13 | 1.70 | 1.68 | 0.00 | -0.69 |
| Occupational Therapists ⁶ | n/a | 5 | n/a | 0.65 | n/a | n/a |
| Physical Therapists ⁷ | 29 | 29 | 3.79 | 3.76 | 0.00 | -0.40 |
| TOTAL⁸ | 1,018 | 1,043 | 132.80 | 135.12 | 1.22 | 0.87 |
| Hospital Beds^{9,10} | | | | | | |
| Acute Care Beds | n/a | 119 | n/a | 15.42 | n/a | n/a |
| Extended Care Beds | n/a | 113 | n/a | 14.64 | n/a | n/a |
| TOTAL BEDS | n/a | 232 | n/a | 30.06 | n/a | n/a |
| Community Pharmacies | 14 | 15 | 1.83 | 1.94 | 10.90 | 9.77 |
| Population | 76,659 | 77,188 | n/a | n/a | 0.34 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 50
Cariboo Community Health Services Society
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|---|----------|-----|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 7 | 0 | 29 | 0 | 36 | 0 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 80 | 80 |
| Dental Hygienists | 0 | 1 | 1 | 9 | 0 | 10 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 26 |
| Dentists | 0 | 0 | 4 | 1 | 11 | 3 | 7 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 25 | 5 | 30 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 3 | 1 | 14 | 11 | 17 | 7 | 8 | 10 | 5 | 4 | 0 | 0 | 0 | 0 | 47 | 33 | 80 |
| First Responders | 6 | 0 | 22 | 2 | 28 | 7 | 27 | 5 | 1 | 0 | 2 | 2 | 1 | 0 | 87 | 16 | 103 |
| Opticians | 0 | 0 | 0 | 5 | 0 | 3 | 2 | 3 | 1 | 0 | 0 | 0 | 2 | 7 | 5 | 18 | 23 |
| Pharmacists | 0 | 1 | 6 | 10 | 6 | 3 | 4 | 0 | 4 | 3 | 2 | 1 | 0 | 0 | 22 | 18 | 40 |
| Physicians (Directory Active) | 0 | 0 | 8 | 5 | 20 | 9 | 24 | 6 | 8 | 1 | 9 | 0 | 0 | 0 | 69 | 21 | 90 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 1 | 0 | 5 | 0 | 23 | 0 | 42 | 0 | 20 | 0 | 0 | 0 | 1 | 0 | 92 | 92 |
| Registered Nurses | 1 | 3 | 1 | 55 | 2 | 109 | 3 | 157 | 0 | 67 | 0 | 8 | 0 | 0 | 7 | 399 | 406 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 2 | 1 | 8 | 0 | 5 | 3 | 4 | 0 | 0 | 1 | 0 | 5 | 19 | 24 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 1 | 4 | 1 | 4 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 10 | 13 |
| Physical Therapists | 0 | 0 | 0 | 3 | 2 | 7 | 2 | 14 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 25 | 29 |
| TOTAL | 10 | 14 | 57 | 141 | 88 | 229 | 78 | 255 | 25 | 102 | 13 | 12 | 4 | 8 | 275 | 761 | 1,036 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 51
Cariboo Community Health Services Society
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | TOTAL | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|-------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 79 | 98.75 | 0 | 0.00 | 1 | 1.25 | 0 | 0.00 | 0 | 0.00 | 80 | 100.00 | 0 | 0.00 | 0 | 0.00 | 80 | 100.00 |
| Dental Hygienists | 21 | 80.77 | 2 | 7.69 | 1 | 3.85 | 0 | 0.00 | 2 | 7.69 | 26 | 100.00 | 0 | 0.00 | 0 | 0.00 | 26 | 100.00 |
| Dentists | 12 | 40.00 | 1 | 3.33 | 3 | 10.00 | 2 | 6.67 | 2 | 6.67 | 20 | 66.67 | 10 | 33.33 | 0 | 0.00 | 30 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 31 | 77.50 | 1 | 2.50 | 5 | 12.50 | 1 | 2.50 | 0 | 0.00 | 38 | 95.00 | 2 | 5.00 | 0 | 0.00 | 40 | 100.00 |
| Physicians (Directory Active) | 32 | 35.56 | 6 | 6.67 | 3 | 3.33 | 9 | 10.00 | 4 | 4.44 | 54 | 60.00 | 36 | 40.00 | 0 | 0.00 | 90 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 63 | 68.48 | 8 | 8.70 | 10 | 10.87 | 7 | 7.61 | 1 | 1.09 | 89 | 96.74 | 2 | 2.17 | 1 | 1.09 | 92 | 100.00 |
| Registered Nurses | 274 | 67.49 | 27 | 6.65 | 27 | 6.65 | 38 | 9.36 | 13 | 3.20 | 379 | 93.35 | 27 | 6.65 | 0 | 0.00 | 406 | 100.00 |
| Registered Psychiatric Nurses | 14 | 58.33 | 1 | 4.17 | 5 | 20.83 | 0 | 0.00 | 0 | 0.00 | 20 | 83.33 | 0 | 0.00 | 4 | 16.67 | 24 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 4 | 57.14 | 1 | 14.29 | 0 | 0.00 | 1 | 14.29 | 1 | 14.29 | 7 | 100.00 | 0 | 0.00 | 0 | 0.00 | 7 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 7 | 53.85 | 0 | 0.00 | 0 | 0.00 | 6 | 46.15 | 0 | 0.00 | 13 | 100.00 | 0 | 0.00 | 0 | 0.00 | 13 | 100.00 |
| Physical Therapists | 11 | 37.93 | 0 | 0.00 | 2 | 6.90 | 0 | 0.00 | 2 | 6.90 | 15 | 51.72 | 13 | 44.83 | 1 | 3.45 | 29 | 100.00 |
| TOTAL | 548 | 65.47 | 47 | 5.62 | 57 | 6.81 | 64 | 7.65 | 25 | 2.99 | 741 | 88.53 | 90 | 10.75 | 6 | 0.72 | 837 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 52
North West Community Health Services Society¹
Health Personnel², Hospital Beds, Community Pharmacies and Population
1999 and 2000³

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|---------------|---------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ⁴ | Ratio ⁵ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 95 | 98 | 10.39 | 10.66 | 6.42 | 5.13 |
| Dental Hygienists | 33 | 31 | 3.61 | 3.37 | -6.06 | -6.63 |
| Dentists | 35 | 33 | 3.83 | 3.59 | -9.59 | -10.53 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁶ | n/a | 0 | n/a | 0.00 | n/a | n/a |
| Emergency Medical Assistants | 206 | 179 | 22.54 | 19.47 | -12.16 | -12.65 |
| First Responders | 284 | 317 | 31.07 | 34.47 | 10.68 | 10.06 |
| Midwives | 0 | 0 | 0.00 | 0.00 | * | * |
| Opticians | 8 | 6 | 0.88 | 0.65 | * | * |
| Pharmacists | 53 | 51 | 5.80 | 5.55 | -5.61 | -6.46 |
| Physicians (Directory Active) | 128 | 136 | 14.00 | 14.79 | 5.76 | 5.17 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 97 | 93 | 10.61 | 10.11 | -4.12 | -4.70 |
| Registered Nurses | 546 | 536 | 59.74 | 58.29 | -1.83 | -2.43 |
| Licensed Graduate Nurses | 3 | 3 | 0.33 | 0.33 | * | * |
| Registered Psychiatric Nurses | 28 | 27 | 3.06 | 2.94 | -3.30 | -3.84 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 11 | 13 | 1.20 | 1.41 | 13.35 | 12.83 |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 14 | 12 | 1.53 | 1.30 | -14.29 | -14.80 |
| Occupational Therapists ⁷ | n/a | 15 | n/a | 1.63 | n/a | n/a |
| Physical Therapists ⁸ | 32 | 33 | 3.50 | 3.59 | 1.49 | 1.20 |
| TOTAL⁹ | 1,573 | 1,568 | 172.10 | 170.51 | -0.16 | -0.46 |
| <i>Hospital Beds</i> ^{10,11} | | | | | | |
| Acute Care Beds | n/a | 208 | n/a | 22.62 | n/a | n/a |
| Extended Care Beds | n/a | 74 | n/a | 8.05 | n/a | n/a |
| TOTAL BEDS | n/a | 282 | n/a | 30.67 | n/a | n/a |
| <i>Community Pharmacies</i> | 16 | 13 | 1.75 | 1.41 | -26.76 | -27.43 |
| <i>Population</i> | 91,403 | 91,959 | n/a | n/a | 0.30 | n/a |

¹ Includes the Nisga'a Health Authority.

² Psychologists do not appear in this table as no data were received from this group this year.

³ Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

⁴ Rate of change (in percent) in the number.

⁵ Rate of change (in percent) in the number per 10,000 population.

⁶ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁷ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁸ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁹ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

¹⁰ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹¹ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Prepared by:

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 Centre for Health Services and Policy Research
 The University of British Columbia

Table 53
North West Community Health Services Society¹
Selected Health Personnel² by Age and Sex
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|---|------|----|-------|-----|-------|-----|-------|-----|-------|-----|------|----|-------------|---|----------|-----|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 11 | 0 | 35 | 0 | 37 | 0 | 13 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 98 | 98 |
| Dental Hygienists | 0 | 1 | 0 | 15 | 0 | 12 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 31 |
| Dentists | 0 | 0 | 6 | 1 | 5 | 0 | 14 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 31 | 2 | 33 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 9 | 5 | 41 | 25 | 33 | 25 | 18 | 12 | 6 | 2 | 0 | 0 | 3 | 0 | 110 | 69 | 179 |
| First Responders | 17 | 6 | 104 | 17 | 99 | 6 | 51 | 5 | 8 | 0 | 2 | 0 | 1 | 1 | 282 | 35 | 317 |
| Opticians | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 2 | 6 |
| Pharmacists | 0 | 2 | 3 | 12 | 10 | 8 | 6 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 23 | 28 | 51 |
| Physicians (Directory Active) | 0 | 0 | 16 | 10 | 33 | 10 | 37 | 5 | 18 | 1 | 5 | 1 | 0 | 0 | 109 | 27 | 136 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 1 | 1 | 4 | 1 | 19 | 1 | 42 | 0 | 18 | 0 | 3 | 0 | 3 | 3 | 90 | 93 |
| Registered Nurses | 0 | 5 | 7 | 91 | 8 | 173 | 5 | 165 | 1 | 75 | 0 | 6 | 0 | 0 | 21 | 515 | 536 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| Registered Psychiatric Nurses | 0 | 0 | 0 | 4 | 0 | 5 | 2 | 12 | 1 | 2 | 0 | 0 | 0 | 1 | 3 | 24 | 27 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 0 | 0 | 5 | 0 | 2 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 1 | 11 | 12 |
| Physical Therapists | 0 | 1 | 3 | 7 | 5 | 6 | 1 | 8 | 0 | 2 | 0 | 0 | 0 | 0 | 9 | 24 | 33 |
| TOTAL | 27 | 32 | 181 | 226 | 195 | 304 | 137 | 273 | 44 | 107 | 7 | 11 | 5 | 6 | 596 | 959 | 1,555 |

¹ Includes the Nisga'a Health Authority.

² Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 54
North West Community Health Services Society¹
Selected Health Personnel² by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | TOTAL | |
|---|---------------------|-------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| <i>Dental Services</i> | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 88 | 89.80 | 1 | 1.02 | 0 | 0.00 | 0 | 0.00 | 1 | 1.02 | 90 | 91.84 | 8 | 8.16 | 0 | 0.00 | 98 | 100.00 |
| Dental Hygienists | 24 | 77.42 | 1 | 3.23 | 0 | 0.00 | 4 | 12.90 | 0 | 0.00 | 29 | 93.55 | 2 | 6.45 | 0 | 0.00 | 31 | 100.00 |
| Dentists | 9 | 27.27 | 9 | 27.27 | 0 | 0.00 | 1 | 3.03 | 1 | 3.03 | 20 | 60.61 | 13 | 39.39 | 0 | 0.00 | 33 | 100.00 |
| <i>Medical & Treatment Services</i> | | | | | | | | | | | | | | | | | | |
| Pharmacists | 35 | 68.63 | 4 | 7.84 | 7 | 13.73 | 1 | 1.96 | 1 | 1.96 | 48 | 94.12 | 3 | 5.88 | 0 | 0.00 | 51 | 100.00 |
| Physicians (Directory Active) | 25 | 18.38 | 16 | 11.76 | 5 | 3.68 | 22 | 16.18 | 10 | 7.35 | 78 | 57.35 | 58 | 42.65 | 0 | 0.00 | 136 | 100.00 |
| <i>Nursing Services</i> | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 53 | 56.99 | 5 | 5.38 | 7 | 7.53 | 14 | 15.05 | 9 | 9.68 | 88 | 94.62 | 2 | 2.15 | 3 | 3.23 | 93 | 100.00 |
| Registered Nurses | 253 | 47.20 | 55 | 10.26 | 52 | 9.70 | 68 | 12.69 | 57 | 10.63 | 485 | 90.49 | 51 | 9.51 | 0 | 0.00 | 536 | 100.00 |
| Registered Psychiatric Nurses | 17 | 62.96 | 2 | 7.41 | 7 | 25.93 | 0 | 0.00 | 0 | 0.00 | 26 | 96.30 | 1 | 3.70 | 0 | 0.00 | 27 | 100.00 |
| <i>Nutrition & Dietary Services</i> | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 5 | 38.46 | 0 | 0.00 | 2 | 15.38 | 4 | 30.77 | 2 | 15.38 | 13 | 100.00 | 0 | 0.00 | 0 | 0.00 | 13 | 100.00 |
| <i>Rehabilitation Services</i> | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 9 | 75.00 | 0 | 0.00 | 0 | 0.00 | 3 | 25.00 | 0 | 0.00 | 12 | 100.00 | 0 | 0.00 | 0 | 0.00 | 12 | 100.00 |
| Physical Therapists | 9 | 27.27 | 2 | 6.06 | 2 | 6.06 | 5 | 15.15 | 1 | 3.03 | 19 | 57.58 | 12 | 36.36 | 2 | 6.06 | 33 | 100.00 |
| TOTAL | 527 | 49.58 | 95 | 8.94 | 82 | 7.71 | 122 | 11.48 | 82 | 7.71 | 908 | 85.42 | 150 | 14.11 | 5 | 0.47 | 1,063 | 100.00 |

¹ Includes the Nisga'a Health Authority.

² Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

Table 55
Peace Liard Community Health Services Society
Health Personnel¹, Hospital Beds, Community Pharmacies and Population
1999 and 2000²

| Health Group | Number | | Number per 10,000 Population | | Average Annual Rate of Change | |
|--|---------------|---------------|------------------------------|---------------|-------------------------------|--------------------|
| | 1999 | 2000 | 1999 | 2000 | Number ³ | Ratio ⁴ |
| <i>Dental Services</i> | | | | | | |
| Certified Dental Assistants | 54 | 59 | 8.14 | 8.91 | 19.38 | 19.75 |
| Dental Hygienists | 16 | 15 | 2.41 | 2.26 | -6.25 | -6.10 |
| Dentists | 22 | 20 | 3.32 | 3.02 | -15.07 | -14.85 |
| <i>Medical & Treatment Services</i> | | | | | | |
| Acupuncturists ⁵ | n/a | 0 | n/a | 0.00 | n/a | n/a |
| Emergency Medical Assistants | 93 | 83 | 14.01 | 12.53 | -9.97 | -9.84 |
| First Responders | 82 | 97 | 12.36 | 14.64 | 16.77 | 16.94 |
| Midwives | 0 | 0 | 0.00 | 0.00 | * | * |
| Opticians | 5 | 6 | 0.75 | 0.91 | * | * |
| Pharmacists | 31 | 33 | 4.67 | 4.98 | 9.83 | 10.09 |
| Physicians (Directory Active) | 61 | 60 | 9.19 | 9.06 | -1.51 | -1.37 |
| <i>Nursing Services</i> | | | | | | |
| Licensed Practical Nurses | 83 | 80 | 12.51 | 12.07 | -3.61 | -3.46 |
| Registered Nurses | 344 | 333 | 51.84 | 50.26 | -3.20 | -3.05 |
| Licensed Graduate Nurses | 3 | 2 | 0.45 | 0.30 | * | * |
| Registered Psychiatric Nurses | 25 | 27 | 3.77 | 4.08 | 7.36 | 7.52 |
| <i>Nutrition & Dietary Services</i> | | | | | | |
| Dietitians & Nutritionists (BCDNA) | 5 | 5 | 0.75 | 0.75 | * | * |
| <i>Rehabilitation Services</i> | | | | | | |
| Massage Therapists | 6 | 7 | 0.90 | 1.06 | * | * |
| Occupational Therapists ⁶ | n/a | 8 | n/a | 1.21 | n/a | n/a |
| Physical Therapists ⁷ | 26 | 26 | 3.94 | 3.92 | 0.00 | -0.22 |
| TOTAL⁸ | 856 | 853 | 129.00 | 128.75 | -0.18 | -0.10 |
| <i>Hospital Beds^{9,10}</i> | | | | | | |
| Acute Care Beds | n/a | 161 | n/a | 24.30 | n/a | n/a |
| Extended Care Beds | n/a | 69 | n/a | 10.41 | n/a | n/a |
| TOTAL BEDS | n/a | 230 | n/a | 34.71 | n/a | n/a |
| <i>Community Pharmacies</i> | 11 | 11 | 1.66 | 1.66 | 0.00 | 0.24 |
| <i>Population</i> | 66,358 | 66,254 | n/a | n/a | -0.08 | n/a |

¹ Psychologists do not appear in this table as no data were received from this group this year.

² Dates of record differ for health groups. Please refer to the Introduction for specific dates of record for each group.

³ Rate of change (in percent) in the number.

⁴ Rate of change (in percent) in the number per 10,000 population.

⁵ Acupuncturists appear in *ROLLCALL UPDATE* and *INVENTORY UPDATE* for the first time in 2000. Hence, 1999 data are not available.

⁶ Due to the change in the source of data this year, data from 1999 are not comparable and are not shown in the table.

⁷ Due to errors found in the PT data published in *ROLLCALL 99* and *INVENTORY 99*, data from *INVENTORY UPDATE 98* are presented here for comparison.

⁸ Total excludes Acupuncturists and Occupational Therapists because comparable data for 1999 and 2000 are not available.

⁹ Data for 1999 are not available because hospital bed capacity data were never approved by the B.C. Ministry of Health in 1999.

¹⁰ Data on bassinets are not included, as data were unavailable in 2000.

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

n/a - Not applicable/not comparable.

Table 56
Peace Liard Community Health Services Society
Selected Health Personnel¹ by Age and Sex²
2000

| Health Group | < 25 | | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65 + | | Age Unknown | | Subtotal | | Total |
|-------------------------------|------|----|-------|-----|-------|-----|-------|-----|-------|----|------|---|-------------|---|----------|-----|-------|
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | |
| Dental Services | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 0 | 7 | 0 | 14 | 0 | 28 | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 59 | 59 |
| Dental Hygienists | 0 | 0 | 1 | 9 | 0 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 15 |
| Dentists | 0 | 0 | 6 | 1 | 3 | 1 | 5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 18 | 2 | 20 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | |
| Emergency Medical Assistants | 6 | 5 | 14 | 16 | 11 | 11 | 8 | 7 | 3 | 0 | 0 | 0 | 1 | 1 | 43 | 40 | 83 |
| First Responders | 3 | 0 | 23 | 5 | 33 | 6 | 21 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 84 | 13 | 97 |
| Opticians | 0 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 3 | 6 |
| Pharmacists | 1 | 2 | 5 | 8 | 1 | 4 | 5 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 15 | 18 | 33 |
| Physicians (Directory Active) | 0 | 0 | 1 | 0 | 25 | 7 | 16 | 2 | 5 | 1 | 3 | 0 | 0 | 0 | 50 | 10 | 60 |
| Nursing Services | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 0 | 3 | 0 | 9 | 0 | 16 | 0 | 42 | 0 | 9 | 0 | 1 | 0 | 0 | 0 | 80 | 80 |
| Registered Nurses | 0 | 7 | 4 | 74 | 2 | 98 | 0 | 102 | 0 | 41 | 0 | 5 | 0 | 0 | 6 | 327 | 333 |
| Licensed Graduate Nurses | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 |
| Registered Psychiatric Nurses | 0 | 1 | 0 | 6 | 6 | 6 | 1 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 11 | 16 | 27 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | |
| Massage Therapists | 0 | 1 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 6 | 7 |
| Physical Therapists | 1 | 1 | 3 | 5 | 3 | 5 | 0 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 7 | 19 | 26 |
| TOTAL | 11 | 27 | 57 | 149 | 87 | 189 | 57 | 178 | 22 | 57 | 4 | 6 | 2 | 2 | 240 | 608 | 848 |

¹ Age and sex information are not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

² There are no health personnel with missing sex information.

Table 57
Peace Liard Community Health Services Society
Selected Health Personnel¹ by Place of Graduation
2000

| Health Group | Place of Graduation | | | | | | | | | | | | | | | | TOTAL | |
|---|---------------------|--------|---------|-------|-------------------------|-------|---------|-------|--------------|-------|-----------------|--------|---------------|-------|---------|-------|-------|--------|
| | B.C. | | Alberta | | Saskatchewan & Manitoba | | Ontario | | Other Canada | | Canada Subtotal | | Other Country | | Unknown | | | |
| | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| Dental Services | | | | | | | | | | | | | | | | | | |
| Certified Dental Assistants | 53 | 89.83 | 4 | 6.78 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 57 | 96.61 | 2 | 3.39 | 0 | 0.00 | 59 | 100.00 |
| Dental Hygienists | 5 | 33.33 | 2 | 13.33 | 0 | 0.00 | 1 | 6.67 | 4 | 26.67 | 12 | 80.00 | 3 | 20.00 | 0 | 0.00 | 15 | 100.00 |
| Dentists | 4 | 20.00 | 6 | 30.00 | 1 | 5.00 | 1 | 5.00 | 5 | 25.00 | 17 | 85.00 | 3 | 15.00 | 0 | 0.00 | 20 | 100.00 |
| Medical & Treatment Services | | | | | | | | | | | | | | | | | | |
| Pharmacists | 19 | 57.58 | 6 | 18.18 | 6 | 18.18 | 0 | 0.00 | 1 | 3.03 | 32 | 96.97 | 1 | 3.03 | 0 | 0.00 | 33 | 100.00 |
| Physicians (Directory Active) | 6 | 10.00 | 8 | 13.33 | 1 | 1.67 | 3 | 5.00 | 1 | 1.67 | 19 | 31.67 | 41 | 68.33 | 0 | 0.00 | 60 | 100.00 |
| Nursing Services | | | | | | | | | | | | | | | | | | |
| Licensed Practical Nurses | 42 | 52.50 | 18 | 22.50 | 7 | 8.75 | 6 | 7.50 | 7 | 8.75 | 80 | 100.00 | 0 | 0.00 | 0 | 0.00 | 80 | 100.00 |
| Registered Nurses | 124 | 37.24 | 74 | 22.22 | 50 | 15.02 | 35 | 10.51 | 26 | 7.81 | 309 | 92.79 | 24 | 7.21 | 0 | 0.00 | 333 | 100.00 |
| Registered Psychiatric Nurses | 5 | 18.52 | 6 | 22.22 | 11 | 40.74 | 0 | 0.00 | 0 | 0.00 | 22 | 81.48 | 2 | 7.41 | 3 | 11.11 | 27 | 100.00 |
| Nutrition & Dietary Services | | | | | | | | | | | | | | | | | | |
| Dietitians & Nutritionists | 0 | 0.00 | 3 | 60.00 | 1 | 20.00 | 1 | 20.00 | 0 | 0.00 | 5 | 100.00 | 0 | 0.00 | 0 | 0.00 | 5 | 100.00 |
| Rehabilitation Services | | | | | | | | | | | | | | | | | | |
| Massage Therapists | 7 | 100.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 7 | 100.00 | 0 | 0.00 | 0 | 0.00 | 7 | 100.00 |
| Physical Therapists | 4 | 15.38 | 5 | 19.23 | 0 | 0.00 | 1 | 3.85 | 0 | 0.00 | 10 | 38.46 | 16 | 61.54 | 0 | 0.00 | 26 | 100.00 |
| TOTAL | | | | | | | | | | | | | | | | | | |
| | 269 | 40.45 | 132 | 19.85 | 77 | 11.58 | 48 | 7.22 | 44 | 6.62 | 570 | 85.71 | 92 | 13.83 | 3 | 0.45 | 665 | 100.00 |

¹ Place of graduation is not available for all health personnel groups. Therefore, the total number shown here will be less than the total shown in the first table of this section.

APPENDIX A

INFORMATION ABOUT HEALTH PERSONNEL

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 desensitising 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
- (q) other procedures that the general examination committee may authorise while the certified dental assistant is participating in courses of study and training approved by the general examination committee, and subject to the requirements of that committee with respect thereto;
- (r) applying treatment liners in teeth without pulpal involvement;
- (s) removing retraction cord.²

On successful completion of the specific 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;
- (l) fitting headgear prior to assessment by a member;

¹ *Regulations of The College of Dental Surgeons of British Columbia*, Auxiliary Bodies, revised May 1995, Article 10.16. See also *National Occupational Classification 1992*, Major Group 34, No. 3411, Ottawa: Employment and Immigration Canada.

² *Ibid.*, Article 10.17.

- (m) these duties within the Prosthodontic Module:
- (i) fabricating provisional restorations intraorally;
 - (ii) trying-in provisional restorations and adjusting occlusion outside of the mouth;
 - (iii) removing provisional cement;
 - (iv) removing provisional restorations;
 - (v) temporary cementation of provisional restorations prior to assessment by a member.³

Notes:

Information on certified dental assistants was prepared from registration data maintained by the College of Dental Surgeons of British Columbia (CDSBC), and includes certified dental assistants (CDAs) who were British Columbia residents at the date of record. Data presented in the tables are based on home address for the majority of certified dental assistants. Precise percentages of home versus employment or other address are not known. CDAs can register with the CDSBC as either *licensed* or *non-practising*. Licensed CDAs may legally practise their skills in B.C., non-practising CDAs remain on the register but may not practise.

DENTAL HYGIENISTS

Definition: A dental hygienist

... assesses the status of teeth and adjacent tissues and provides preventive and therapeutic dental hygiene care for teeth and adjacent tissues. The range of activities for a dental hygienist include:

- (a) clinical therapy;
- (b) health promotion;
- (c) education;
- (d) administration;
- (e) research.⁴

Notes:

Information on dental hygienists was prepared from registration data maintained by the College of Dental Hygienists of British Columbia (CDHBC), and includes dental hygienists who reported a British Columbia address at the date of record. Data presented in the tables are based on home address for the majority of dental hygienists. Precise percentages of home versus employment or other address are not known.

Dental hygienists included in these tables may be registered with the CDHBC as *Full*, *Limited*, *Residential Care* or *Non-Practising* registrants. Full, Limited and Residential Care registrants are those who may legally practice as dental hygienists in B.C. Limited registrants (formerly Conditionally licensed) hygienists are qualified to practise as dental hygienists, except that they are not authorised to administer local anaesthesia. Residential Care registrants meet all requirements for Full registration plus additional qualifications. Residential Care registration allows hygienists working in approved residential or long term care facilities to practice without a prior dentist examination of clients.⁵

³ *Regulations*, op. cit., revised April 1996, Article 10.19.

⁴ Adapted from the regulations of the College of Dental Hygienists of British Columbia, Section 4. See also *National Occupational Classification 1992*, Major Group 32, No. 3222, Ottawa: Employment and Immigration Canada.

⁵ Adapted from information supplied by the CDHBC.

DENTISTS

Definition: A dentist

...diagnoses and treats disorders of the teeth and mouth.

Dentists perform some or all of the following duties:

- (a) examine patients' teeth, gums, and surrounding tissue to diagnose disease, injury, and decay and plan appropriate treatment;
- (b) restore, extract, and replace diseased and decayed teeth;
- (c) perform oral surgery, periodontal surgery, and other treatments;
- (d) clean teeth and instruct patients on oral hygiene;
- (e) design bridgework, fit dentures and provide appliances to correct abnormal positioning of the teeth and jaws, or write fabrication instructions or prescriptions for use by denturists and dental technicians;
- (f) supervise dental hygienists, dental assistants and other staff.⁶

Notes:

Information on dentists was prepared from registration data maintained by the College of Dental Surgeons of British Columbia (CDSBC), and includes dentists who reported a British Columbia address at the date of record. Data presented in the tables are based on employment address for the majority of dentists. Precise percentages of home versus employment or other address are not known.

Dentists may be *licensed*, or hold *temporary* or *non-practising* status in the CDSBC. Licensed dentists are those who may legally practice in B.C. Temporary status may be held for up to one year for the purpose of lecturing or other educational activities in the province; temporary status dentists may not perform dental services for a fee. Non-practising status encompasses dentists who are fully registered with the CDSBC but do not have a licence to practice in this province.

ACUPUNCTURISTS

Definition: An acupuncturist

...diagnoses the diseases, physiological disorders and injuries of patients and treats them by the insertion of acupuncture needles or through the use of laser and electric stimulation.⁷

Notes:

Information on acupuncturists was derived from data supplied by the College of Traditional Chinese Medicine Practitioners and Acupuncturists of British Columbia (CTCMPABC) and includes acupuncturists who reported a British Columbia address at the date of record. Data in the tables are presented based on employment address for the majority of acupuncturists. Precise percentages of home versus employment or other address are not known. Acupuncturists appear for the first time in INVENTORY UPDATE 00.

⁶ Adapted from *National Occupational Classification 1992*, Major Group 31, No. 3113, Ottawa: Employment and Immigration Canada.

⁷ Adapted from *National Occupational Classification 1992*, Major Group 32, No. 3232.2, Ottawa: Employment and Immigration Canada.

EMERGENCY MEDICAL ASSISTANTS

Definition: An emergency medical assistant

...provides first aid, nursing, and medical services to minimise disability or loss of life in emergency situations. An emergency medical assistant (EMA) will be skilled in the areas of first aid, general ambulance practices and procedures, basic nursing, patient assessment, specialised 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) such as a Native Band Council. All other EMAs are employed either with the EHSC or with a contractor who has a contract for service with the EHSC.

Emergency medical assistants are categorised as follows:

- (a) *Emergency Medical Assistant First Responder (EMA FR)*
Receive 4 to 32 hours of training. Acting as an EMA is generally not a primary duty.
- (b) *Emergency Medical Assistant First Aid (EMA FA)*
Receive approximately 70 hours of training. Many EMA FA's eventually receive the necessary training, mostly related to ambulance operation, to move to EMA 1 status.
- (c) *Emergency Medical Assistant 1 (EMA 1)*
Receive approximately 80 hours of training. An EMA 1 candidate must have a secondary school education and an Industrial First Aid (IFA) certificate. An EMA 1 is expected to work to strict protocol. He/she will make only limited decisions about patient management.
- (d) *Emergency Medical Assistant 2 (EMA 2)*
Receive 240 hours of training. An EMA 2 candidate must have successfully completed EMA 1 training. EMA 2 training is focused on developing patient assessment skills to a level where the attendant knows why certain measures are taken, and how certain conditions can worsen or improve depending on actions taken. These improved assessment skills assist the EMA 2 in revealing underlying conditions which may not otherwise be discovered.
- (e) *Emergency Medical Assistant 3 - Advanced Life Support (EMA 3 (ALS))*
Receive 56 weeks of training. A candidate for EMA 3 (ALS) must have an EMA 2 licence and three years of full-time ambulance experience.
- (f) *Emergency Medical Assistant 3 - Infant Transport Team (EMA 3 (ITT))*
Receive 18 months of training. An EMA 3 (ITT) candidate must have an EMA 2 licence and three years of full-time ambulance experience. EMA 3 (ITT)'s are only employed in Vancouver, and are mostly involved in hospital to hospital transport.⁸

Notes:

Information on emergency medical assistants was prepared from registration data maintained by the Emergency Medical Assistants Licensing Board (EMALB) of the B.C. Ministry of Health, and includes only *licensed* emergency medical assistants who reported a British Columbia address at the date of record. Data presented in the tables are based on employment address for all EMAs. First Responders

⁸ Adapted from the Health Emergency Act, R.S.B.C.1996, Chapter 182, and from information provided by the Emergency Medical Assistants Licensing Board, Ministry of Health, Province of British Columbia, January 1994.

are shown as separate categories, as the level of training is quite different from other EMAs. In addition, as stated above acting as an EMA is not generally a primary work duty for first responders.

MIDWIVES

Definition: A midwife

...carries out examinations necessary to establish and monitor normal pregnancies, manages normal deliveries and advises pregnant women as soon as any pregnancy at risk is detected.

Midwives may perform some or all of the following duties:

- (a) counsel and educate women concerning diet, exercise and other prenatal health practices;
- (b) monitor the condition of the mother and the baby during labour and guide the birthing process;
- (c) take appropriate measures when an emergency arises and arrange for contact with physicians (obstetricians);
- (d) examine and care for newborn babies, and educate mothers on health care;
- (e) conduct classes on pregnancy and childbirth, as well as family planning and other related topics in the community.⁹

Notes:

Information on midwives was derived from data supplied by the College of Midwives of British Columbia (CMBC), and includes midwives who reported a British Columbia address at the date of record. The data in the tables are presented based on employment address for the majority of midwives. Precise percentages of home versus employment or other address are not known.

Midwives can register with the CMBC as either *General* or *Conditional* registrants. A *General* registrant is a fully registered midwife with the CMBC. A *Conditional* registrant is a midwife who has been identified through the CMBC assessment procedure to have a discrete gap in her/his clinical or theoretical knowledge at the time of registration. Conditional registrants must practice under the supervision of a General registrant for a period up to 12 months.¹⁰ All registrants must remain active in both the home and hospital environments.

OPTICIANS

Definition: An optician

...fits clients with prescription eyeglasses or contact lenses, assists clients in the selection of eyeglass frames, arranges for the production of eyeglasses or contact lenses and mounts lenses in eyeglass frames.

Opticians may perform some or all of the following duties:

- (a) obtain specifications for eyeglasses or contact lenses from a prescription prepared by an ophthalmologist or optometrist or by analysing the client's eyeglasses or contact lenses, and by

⁹ Adapted from *National Occupational Classification 1992*, Major Group 32, No. 3232, Ottawa: Employment and Immigration Canada.

¹⁰ Adapted from information supplied by the College of Midwives of B.C.

- measuring the client's eye curvature, pupillary distance and bridge width, using optical measuring devices;
- (b) assist clients in selecting eyeglasses by advising on lens materials, frames, tints and anti-reflection coating;
 - (c) advise on use and care of contact lenses;
 - (d) arrange for grinding and polishing of lenses or grind and polish lenses;
 - (e) cut and edge lenses and fit lenses into frames;
 - (f) adjust finished eyeglasses to fit client;
 - (g) supervise or manage the activities of other opticians or student opticians.¹¹

Notes:

Information on opticians was derived from data supplied by the College of Opticians of British Columbia (COBC), and includes opticians who reported a British Columbia address at the date of record. The data in the tables are presented based on employment address when the membership status is *licensed*, and when employment address is available. In November 1999 and November 2000, employment address was available for 95.2% and 94.3% of licensed opticians, respectively. Home address is used for the remainder, and for opticians with non-practising or student membership status.

A *licensed dispensing optician* is licensed by the College of Opticians of B.C. to provide dispensing services for eyeglasses. They are not permitted to dispense contact lenses. A *licensed contact lens fitter* is licensed by the College of Opticians of B.C. to provide dispensing services for both eyeglasses and contact lenses. Licensed contact lens fitters have had additional training in fitting contact lenses. A *non-practising dispensing optician* is currently not employed in the field of opticianry, but must be able to meet the requirements for full registration as a dispensing optician by the College of Opticians of B.C. A *non-practising contact lens fitter* is currently not employed in the field of opticianry, but must be able to meet the requirements for full registration as a contact lens fitter by the College of Opticians of B.C. A *student contact lens fitter* is enrolled in an approved contact lens program. The College of Opticians of B.C. has three registration categories for student contact lens fitters: student contact lens fitter, dispensing optician license/student contact lens fitter, and non-practising optician/student contact lens fitter.¹²

PHARMACISTS

Definition: A pharmacist

...is responsible for the "practice of pharmacy", which includes the practice of and responsibility for:

- (a) interpretation and evaluation of prescriptions;
- (b) compounding, dispensing and adding labelling of drugs and devices;
- (c) monitoring drug therapy;
- (d) identification, assessment and recommendations necessary to resolve or prevent drug related problems in patients;
- (e) advising persons of the therapeutic values, content and hazards of drugs and devices;
- (f) safe storage of drugs and devices;
- (g) maintenance of proper records, including patient records, for drugs and devices;

¹¹ Adapted from *National Occupational Classification 1992*, Major Group 32, No. 3231, Ottawa: Employment and Immigration Canada.

¹² Adapted from information supplied by the College of Opticians of B.C., and from the Bylaws of the College of Opticians of B.C. as listed under Canadian Licensing Information for British Columbia on the web site of The Opticians Association of Canada (<http://www.opticians.ca/licensinfo/licensinfo.htm>).

- (h) services, duties and transactions necessary to the management, operation and control of a pharmacy or to provide pharmacy services in a hospital, facility or care centre;
- (i) sale of drugs by pharmacists.¹³

Notes:

Information on pharmacists has been prepared from registration data maintained by the College of Pharmacists of British Columbia (CPBC), and includes licensed pharmacists who reported a British Columbia address at the date of record. The data in the tables are presented based on employment address when pharmacists report employment in pharmacy. In April 2000 and December 2000, employment address was available for 99.7% and 99.8% of pharmacists employed in pharmacy, respectively. Home address is used for the remainder, as well as for pharmacists not employed in pharmacy.

PHYSICIANS

Definition: A physician in general practice

...diagnoses and treats the diseases, physiological disorders, and injuries of patients.

Physicians in general practice perform some or all of the following duties:

- (a) examine patients, order laboratory tests, X-rays, and other diagnostic procedures and consult with other medical practitioners to evaluate patients' health;
- (b) prescribe and administer medications and treatments;
- (c) perform and assist in routine surgery;
- (d) inoculate and vaccinate patients;
- (e) deliver babies and provide pre-natal and post-natal care;
- (f) advise patients on health care;
- (g) report births, deaths and contagious diseases to governmental authorities.¹⁴

Specialist physicians include those who practice in clinical medicine, laboratory medicine, or surgery. Specialists in clinical medicine diagnose and treat diseases and physiological or psychiatric disorders and act as consultants to other physicians. Specialists in laboratory medicine study the nature, cause and development of diseases in humans. Specialists in surgery perform and supervise surgical procedures.¹⁵

Osteopaths diagnose disorders and injuries of the musculo-skeletal, circulatory and nervous systems. Treatments include manipulative therapy, medications, or surgery.¹⁶ Osteopaths are regulated under the Medical Practitioners Act and must be registered by the College of Physicians and Surgeons of British Columbia in order to practise in the province. There is currently only one Directory Active osteopath in the province; he(she) is not included in any of the tables.

¹³ Adapted from information provided by the College of Pharmacists of British Columbia. See also *National Occupational Classification 1992*, Major Group 31, No. 3131, Ottawa: Employment and Immigration Canada.

¹⁴ Adapted from *National Occupational Classification 1992*, Major Group 31, No. 3112, Ottawa: Employment and Immigration Canada.

¹⁵ Adapted from *National Occupational Classification 1992*, Major Group 31, No. 3111, Ottawa: Employment and Immigration Canada.

¹⁶ Adapted from *National Occupational Classification 1992*, Major Group 31, No. 3123, Ottawa: Employment and Immigration Canada.

Notes:

Information on physicians was derived from the College of Physicians and Surgeons of British Columbia (CPSBC) physician database and includes physicians who, at the date of record, were registered by the CPSBC on the *full*, *special* or *temporary* registers. Physicians on these registers are designated Directory Active and are licensed to practise medicine in British Columbia. The temporary register includes those who are in postgraduate training or who have a temporary licence to practise. Data presented in the tables are based on employment address for the majority of physicians. Precise percentages of home versus employment or other address are not known.

Directory Active physicians may be either *Non-Postgraduate* physicians who, according to the records of the CPSBC, are not involved in postgraduate work or *Postgraduate* physicians who, according to the records of the CPSBC, are involved in postgraduate work. Postgraduate physicians may be fully registered or on the temporary, educational register.

LICENSED PRACTICAL NURSES

Definition: A licensed practical nurse

...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 are consistent with [his/her] 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 registered nurse who is providing 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.¹⁷

Notes:

Information on LPNs was prepared from registration data maintained by the College of Licensed Practical Nurses of British Columbia (CLPNBC), and includes LPNs who reported a British Columbia address at the date of record. LPNs can register with the CLPNBC as either *practising* or *non-practising*. The data in the tables are presented based on employment address when the registration status is *practising*, when employment in nursing is reported, and when employment address is available. In 1999 and 2000, employment address was available for 89% of practising LPNs employed in nursing. Home address is used for the remainder, as well as for practising LPNs who are not employed in nursing, and for LPNs with non-practising registration status.

¹⁷ Adapted from information provided by the College of Licensed Practical Nurses of British Columbia, and the Licensed Practical Nurses Regulation (under the Health Professions Act), B.C. Reg. 71/96. See also *National Occupational Classification 1992*, Major Group 32, No. 3233, Ottawa: Employment and Immigration Canada.

REGISTERED NURSES

Definition: A registered nurse

...performs for others health care services which require the application of professional nursing knowledge and skills. The practice of nursing includes:

- (a) promoting, maintaining or restoring the health of the general public;
- (b) teaching nursing theory or practice;
- (c) counselling persons in respect of health care;
- (d) coordinating health care services;
- (e) engaging in administration, supervision, education, consultation, teaching or research for any of the foregoing.¹⁸

Notes:

Information on registered nurses (RNs) was prepared from registration data maintained by the Registered Nurses Association of British Columbia (RNABC), and includes RNs who reported a British Columbia address at the date of record. An RN may hold a *practising* or *non-practising* membership in the RNABC. A practising RN may or may not be employed in nursing. A non-practising RN who commences employment in nursing in British Columbia must convert to practising membership. The data in the tables are presented based on employment address when the membership status is practising, when employment in nursing is reported, and when employment address is available. In 1999 and 2000, employment address was available for 88% of practising RNs employed in nursing. Home address is used for the remainder, as well as for practising RNs who are not employed in nursing, and for RNs with non-practising membership status.

There was a small number of RNs dually registered with the Registered Psychiatric Nurses Association of British Columbia (see text on RPNs). Dual registrants are included in both the RN and RPN categories.

LICENSED GRADUATE NURSES

Definition: A licensed graduate nurse

- (a) was 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) graduated from a school of nursing that has standards substantially equivalent to those of any approved school of nursing, and;
- (c) was never a registered nurse, and at the time of application to the RNABC did not qualify as a registered nurse.¹⁹

Notes:

Information on licensed graduate nurses (LGNs) was derived from registration data maintained by the Registered Nurses Association of British Columbia (RNABC) and includes LGNs who reported a British Columbia address at the date of record. An LGN may hold a *practising* or *non-practising*

¹⁸ Adapted from the Rules under the *Nurses (Registered) Act*, R.S.B.C. 1996, Chapter 335, Part 2, s.2.1. (Information provided by the Registered Nurses Association of British Columbia.)

¹⁹ Adapted from the *Nursing Statutes Amendment Act*, S.B.C. 1988, Chapter 51, Section 15.

membership in the RNABC. A practising LGN may or may not be employed in nursing. A non-practising LGN who commences employment in nursing in British Columbia must convert to practising membership. The data in the tables are presented based on employment address when the membership status is practising, when employment in nursing is reported, and when employment address is available. In 1999 and 2000, employment address was available for 90% and 88% respectively, of practising LGNs employed in nursing. Home address is used for the remainder, as well as for practising LGNs who are not employed in nursing, and for LGNs with non-practising membership status.

REGISTERED PSYCHIATRIC NURSES

Definition: A registered psychiatric nurse

...practises in primary, secondary and tertiary care settings and provides 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.²⁰

Notes:

Information on registered psychiatric nurses (RPNs) was prepared from data maintained by the College of Registered Psychiatric Nurses of British Columbia (CRPNBC), and includes RPNs who reported a British Columbia address at the date of record. An RPN may hold either a *practising* or *non-practising* membership with the CRPNBC. A practising RPN must be employed in nursing. A non-practising RPN may not actively engage in the practise of psychiatric nursing. The data in the tables are presented based on employment address when the membership status is practising and employment address is available. In December 1999 and January 2001, employment address was available for 95% and 94% of practising RPNs respectively. Home address is used for the remainder, as well as for RPNs with non-practising status.

In 2001, 362 practising and 89 non-practising RPNs held dual registration with the Registered Nurses Association of British Columbia (RNABC) and the CRPNBC. The numbers for 1999 were 359 practising and 117 non-practising nurses. Dual registrants are included in both the RN and RPN categories.

DIETITIANS AND NUTRITIONISTS

Definition: A dietitian/nutritionist

...is a professional uniquely prepared for the practise 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, organisations and the community.²¹

²⁰ Adapted from information provided by the Registered Psychiatric Nurses Association of British Columbia. See also *National Occupational Classification 1992*, Major Group 31, No. 3152, Ottawa; Employment and Immigration Canada.

²¹ Adapted from information provided by the Canadian Dietetic Association. See also *National Occupational Classification 1992*, Major Group 31, No. 3132, Ottawa; Employment and Immigration Canada.

Notes:

Information on registered dietitians and nutritionists (RDNs) was derived from the membership database of the British Columbia Dietitians' and Nutritionists' Association (BCDNA), and includes RDNs who reported a British Columbia address at the date of record. The data in the tables are presented based on employment address when employment is reported and when employment address is available. In 1999, employment address was available for 97% of RDNs employed in dietetics/nutrition, and in 2001, employment address was available for 97% of employed RDNs. Home address was used for the remainder.

Age and sex information are no longer available, as the BCDNA no longer collects these data, thus age and sex information is not included this year for RDNs.

MASSAGE THERAPISTS

Definition: A massage therapist

...provides assessment, treatment and prevention of soft tissue and joint disorders, dysfunction or injury using treatment methods which include (but are not limited to) manual techniques, hydrotherapy, light therapy, electrical modalities, therapeutic exercise and patient education to rehabilitate, relieve pain and promote overall health.²²

Notes:

Information on massage therapists (MTs) was prepared from registration data maintained by the College of Massage Therapists of British Columbia (CMTBC), and reflects members who reported a British Columbia address at the date of record. MTs may register with the CMTBC as either *Active* or *Inactive* Registrants. Active Registrants are massage therapists who have passed registration examinations and are qualified to practise in massage therapy in British Columbia. Inactive Registrants are members of the CMTBC who are not currently practising massage therapy in British Columbia. The data in the tables are presented based on employment address when the registration status is Active, when employment in massage therapy is reported, and when employment address is available. In January 2000 and December 2000, employment address was available for 95% of Active Registrant massage therapists employed in massage therapy. Home address is used for the remainder, as well as for those who are not employed in massage therapy, and for MTs with Inactive registration status.

OCCUPATIONAL THERAPISTS

Definition: An occupational therapist

...plans and carries out individually designed programs of activity for patients with physical or mental health problems to enhance their ability to care for themselves and to engage in work and recreational pursuits.

Occupational therapists perform some or all of the following duties:

- (a) observe patients and consult physicians' prognoses to assess patients' emotional and physical capacities;

²² Adapted from information provided by the College of Massage Therapists of British Columbia.

- (b) develop treatment programs which may include manual and creative arts, industrial and vocational skills and recreational activities;
- (c) implement the treatment programs and evaluate their progress;
- (d) maintain clinical and statistical records;
- (e) advise on health risks in the workplace or participate in other programs, such as pre-retirement programs, to prevent physical or mental health problems;
- (f) conduct research in occupational therapy;
- (g) act as an occupational therapy consultant or educator.²³

Notes:

Information on occupational therapists (OTs) was prepared from registration data maintained by the College of Occupational Therapists of British Columbia (COTBC), and includes COTBC registrants who reported a British Columbia address at the date of record. OTs who are also registered with the College of Physical Therapists of British Columbia (CPTBC) are included in both the occupational therapy and physical therapy categories. The exact number of personnel who are registered with both the COTBC and the CPTBC is not known, so the extent of double-counting of personnel in these two groups can not be determined.

Previous editions of *INVENTORY* and *INVENTORY UPDATE* presented data supplied by the B.C. Society of Occupational Therapists (BCSOT), a voluntary membership group. Beginning this year, data were supplied by the new regulatory body for OTs, the College of Occupational Therapists of B.C. (COTBC). With the change in the source of data, from a voluntary membership group, where membership was not required for employment as an OT, to a regulatory body, where registration is mandatory for employment as an OT, the data this year are not comparable to previous year's data. Age and sex information was also not included this year, as these data were unavailable at the time of publication from the COTBC.

OTs may hold *Full*, *Provisional*, *Temporary* or *Non-Practising* registration with the COTBC. OTs who register as Provisional generally have met the educational and competency requirements of Full registration, but have either not completed the national certification exam of the Canadian Association of Occupational Therapists, or have been found to require minimal educational upgrading prior to being granted Full registration. OTs temporarily working in the province of British Columbia and who are fully registered in another jurisdiction, may register with the COTBC as Temporary registrants for a maximum of 120 days. Non-Practising OTs meet the requirements for Full registration, but are not currently practicing occupational therapy (there were no Non-Practising registrants in May 2001).

The data in the tables are presented based on employment address when the membership status is full, provisional or temporary, and when employment address is available. In May 2001, employment address was available for 90.6% of full, provisional or temporary OTs. Home address is used for the remainder.

²³ Adapted from *National Occupational Classification 1992*, Major Group 31, No. 3143, Ottawa: Employment and Immigration Canada.

PHYSICAL THERAPISTS

Definition: A physical therapist (formerly a physiotherapist)

...provides physical, diagnostic and rehabilitative services to patients with physical dysfunctions caused by trauma, congenital abnormality, disease, surgery, obstetrical and gynaecological conditions, and aging processes, to restore and/or achieve optimal function.

Physical therapists perform some or all of the following duties:

- (a) administer tests and examine, observe and take a full history of patients, to determine condition and status;
- (b) develop, plan, co-ordinate, monitor and adjust a rehabilitation treatment program appropriate to a condition, to achieve objectives, either on an individual or group basis;
- (c) provide consultation to physicians, dentists, other health professionals, teachers or others appropriate to the case;
- (d) instruct, advise and co-ordinate programs of remedial modalities for continuation of treatment;
- (e) recommend referral to other health centres, clinics or treatment facilities as appropriate;
- (f) provide consultation and direction to nurses, aides and activity workers, to assist in their methods of handling the patient;
- (g) advise, teach, counsel and educate the patient, his/her family and/or caregivers on correct positions, aids, methods and means of movement for the affected part or the body as a whole;
- (h) conduct screening and other health promotion methods to facilitate physical health and prevent the premature dysfunction of the body;
- (i) conduct research projects relating to any of the above to advance the state of knowledge in this field.²⁴

Notes:

Information on physical therapists (PTs) was prepared from registration data maintained by the College of Physical Therapists of British Columbia (CPTBC), and includes PTs who reported a British Columbia address at the date of record. PTs who also are also registered with the College of Occupational Therapists of B.C. (COTBC) are included in both the physical therapy and occupational therapy categories. The exact number of personnel who are registered with both the CPTBC and the COTBC is not known, so the extent of double-counting of personnel in these two groups cannot be determined.

During the preparation of *ROLLCALL UPDATE 00*, data errors were discovered in the June 2000 PT data, which appeared in *ROLLCALL 99* and *INVENTORY 99*. These errors originated from the source of the data. So far, attempts by CPTBC to reconstruct accurate June 2000 data have been unsuccessful. As a result, March 1999 data from *INVENTORY UPDATE 98* are presented for comparative purposes in the tables this year. Thus all comparisons are across 25 months rather than the typical *INVENTORY UPDATE* period of approximately 12 months. This should be kept in mind when interpreting the data.

Please note, two major changes have occurred in the registration categories since *INVENTORY UPDATE 98* was published. As of April 1999, PTs can register with the CPTBC as *full*, *interim*, *limited* or *inactive* registrants. The CPTBC replaced the former registration category of "limited" with the registration category "interim". A PT may work as an interim (formerly limited) registrant until all

²⁴ Adapted from *National Occupational Classification 1992*, Major Group 31, No. 3142, Ottawa: Employment and Immigration Canada.

qualifications for membership are met. The CPTBC has also created a new registration category titled “limited”. Limited registrant PTs are restricted to practice only in a specific area and/or under supervision and/or in a limited capacity.²⁵ There was only 1 limited registrant in 2001, he/she is included with the full registrants for 2001 in all tables. Remedial gymnasts may also register as members of the CPTBC but are not included in the tables.

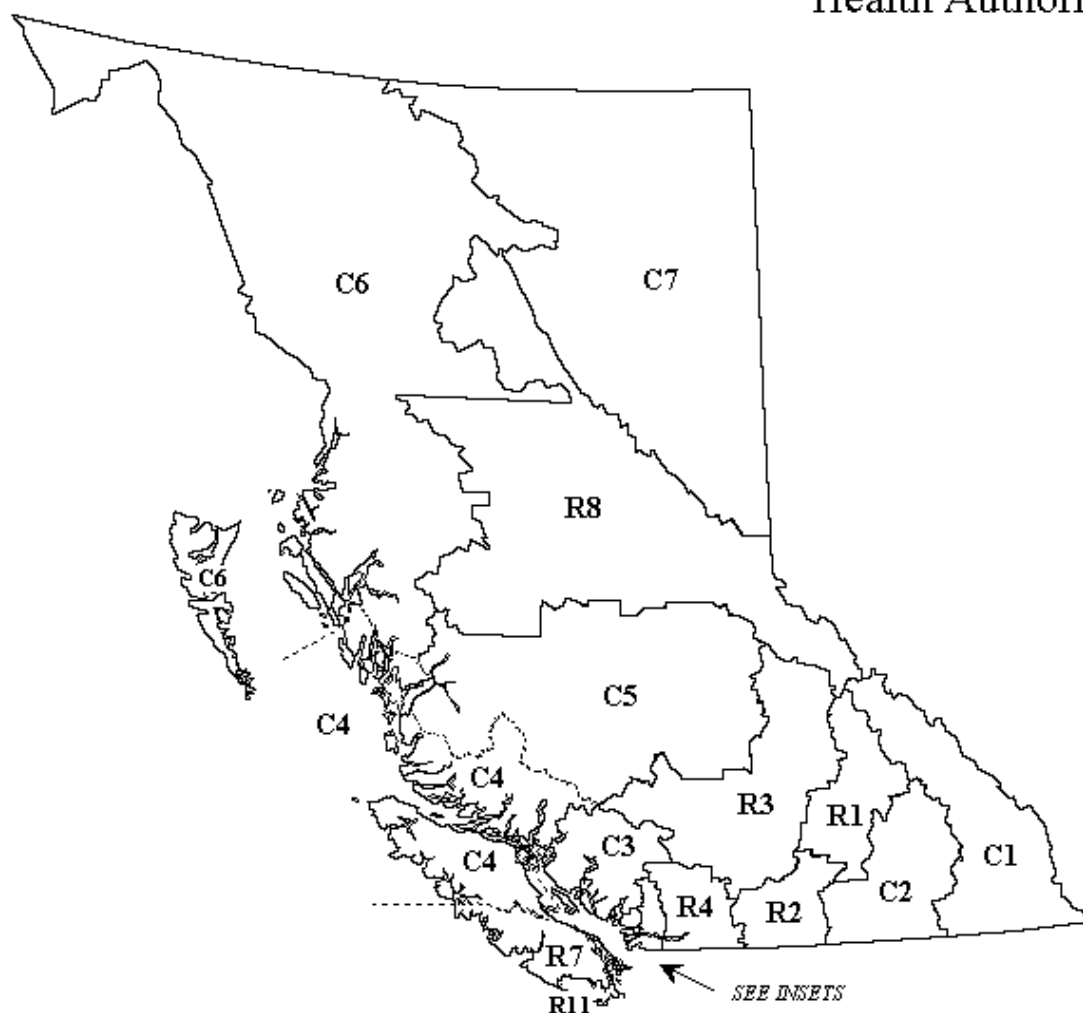
The data in the tables are presented based on employment address when the registration status is full, interim or limited, when employment in physical therapy is reported, and when employment address is available. In 1999 and 2001, employment address was available for 98% of full, interim or limited PTs employed in physical therapy. Home address is used for the remainder, as well as for PTs with full, interim or limited status who are not employed in physical therapy, and for PTs with inactive registration status.

²⁵ Adapted from the *Bylaws of the College of Physical Therapists of British Columbia*, dated April 15, 1999.

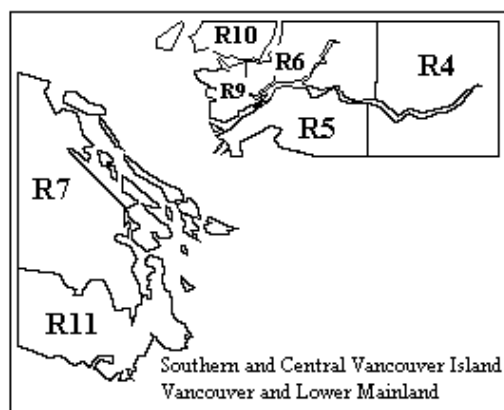
APPENDIX B

MAP OF BRITISH COLUMBIA BY HEALTH AUTHORITIES

British Columbia Health Authorities



HEALTH AUTHORITIES



Regional Health Boards

- R1. North Okanagan
- R2. Okanagan Similkameen
- R3. Thompson
- R4. Fraser Valley
- R5. South Fraser
- R6. Simon Fraser
- R7. Central Vancouver Island
- R8. Northern Interior
- R9. Vancouver/Richmond
- R10. North Shore
- R11. Capital

Comm. Health Services Societies

- C1. East Kootenay
- C2. Kootenay Boundary
- C3. Coast Garibaldi
- C4. Upper Island/Central Coast
- C5. Cariboo
- C6. North West
- C7. Peace Liard

Prepared by: Planning & Evaluation Division, Ministry of Health and Ministry Responsible for Seniors

Boundary Source: B C STATS, Ministry of Finance and Corporate Relations

Modified by: Health Human Resources Unit, Centre for Health Services & Policy Research, U.B.C.

Conversion Summary: B.C. Health Authorities, B.C. Health Regions and Local Health Areas

| Regional Health Boards | Old B.C. Health Regions | Local Health Area(s) | |
|----------------------------|--------------------------------|---|--|
| 1 North Okanagan | 3 North Okanagan | 19 Revelstoke 20 Salmon Arm 21 Armstrong-Spallumcheen | 22 Vernon 78 Enderby |
| 2 Okanagan Similkameen | 4 South Okanagan - Similkameen | 14 Southern Okanagan 15 Penticton 16 Keremeos | 17 Princeton 23 Central Okanagan 77 Summerland |
| 3 Thompson | 5 Thompson | 24 Kamloops 26 North Thompson 29 Lillooet | 30 South Cariboo 31 Merritt |
| 4 Fraser Valley | 6 Fraser Valley | 32 Hope 33 Chilliwack 34 Abbotsford | 75 Mission 76 Agassiz - Harrison |
| 5 South Fraser | 7 South Fraser Valley | 35 Langley 36 Surrey | 37 Delta |
| 6 Simon Fraser | 8 Simon Fraser | 40 New Westminster 42 Maple Ridge | 43 Coquitlam |
| | 17 Burnaby | 41 Burnaby | |
| 7 Central Vancouver Island | 10 Central Vancouver Island | 65 Cowichan 66 Lake Cowichan 67 Ladysmith | 68 Nanaimo 69 Qualicum 70 Alberni |
| 8 Northern Interior | 15 Northern Interior | 55 Burns Lake 56 Nechako | 57 Prince George |
| 9 Vancouver/Richmond | 16 Vancouver | 39 Vancouver | |
| | 19 Richmond | 38 Richmond | |
| 10 North Shore | 18 North Shore | 44 North Vancouver | 45 West Vancouver |
| 11 Capital | 20 Capital | 61 Greater Victoria | 63 Saanich |
| | | 62 Sooke | 64 Gulf Islands |

| Comm. Health Services Societies | Old B.C. Health Regions | Local Health Area(s) | |
|---------------------------------|-------------------------------|--|---|
| 1 East Kootenay | 1 East Kootenay | 1 Fernie 2 Cranbrook 3 Kimberley | 4 Windermere 5 Creston 18 Golden |
| 2 Kootenay Boundary | 2 West Kootenay - Boundary | 6 Kootenay Lake 7 Nelson 9 Castlegar 10 Arrow Lakes | 11 Trail 12 Grand Forks 13 Kettle Valley |
| 3 Coast Garibaldi | 9 Coast Garibaldi | 46 Sunshine Coast 47 Powell River | 48 Howe Sound |
| 4 Upper Island/Central Coast | 11 Upper Island/Central Coast | 71 Courtenay 72 Campbell River 83 Central Coast | 84 Vancouver Island West 85 Vancouver Island North |
| 5 Cariboo | 12 Cariboo | 25 100 Mile House 27 Cariboo - Chilcotin | 28 Quesnel 49 Bella Coola Valley |
| 6 North West | 13 North West | 50 Queen Charlotte | 80 Kitimat |
| | | 51 Snow Country | 87 Stikine |
| | | 52 Prince Rupert | 88 Terrace |
| | | 53 Upper Skeena | 92 Nisga'a |
| 7 Peace Liard | 14 Peace Liard | 54 Smithers | 94 Telegraph Creek |
| | | 59 Peace River South 60 Peace River North | 81 Fort Nelson |

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R = Reprint

C = Conference Presentation

W = Working Paper

Some of the early reports may not be available for distribution

- HHRU 01:5W** *Literature Review of HHR Policy/Planning Models - Summary of Population-Based Models.* Prepared for the Planning Methodologies Working Group, Health Human Resources Advisory Committee, BC Ministry of Health Planning. August 2001. (A. Kazanjian, S. Rahim-Jamal, A. MacDonald).
- HHRU 01:4** *ROLLCALL UPDATE 00. A Status Report of Selected Health Personnel in the Province of British Columbia.* June 2001. ISBN 1-894066-82-0. ISSN 0828-9360.
- HHRU 01:3** *Doctors & Patients: Supply, Use and Payments in British Columbia, 1998-1999. Part I - Physician FTEs and Distribution in B.C.* June 2001. (The "Doctors & Patients" reports are an updated version of the HHRU series of reports formerly titled: "Fee Practice Medical Services Expenditures per Capita and Full-Time-Equivalent (FTE) Physicians".) (A. Kazanjian, A. Chen, L. Wood, P. Wong Fung).
- HHRU 01:2W** *Mental Health Workforce – General Analysis.* January 2001. (S. Rahim-Jamal.)
- HHRU 01:1W** *Continuing Care Workforce – General Analysis.* January 2001. (S. Rahim-Jamal.)
- HHRU 00:10** *PLACE OF GRADUATION 99. A Status Report on Place of Graduation for Selected Health Personnel in the Province of British Columbia.* November 2000. (K. Kerluke, A. MacDonald, L. Wood). ISBN 1-894066-83-9. ISSN 1200-0701.
- HHRU 00:9** *INVENTORY 99. A Regional Analysis of Health Personnel in the Province of British Columbia.* September 2000. ISBN 1-894066-84-7.
- HHRU 00:8** *ROLLCALL 99. A Status Report of Health Personnel in the Province of British Columbia.* August 2000. ISBN 1-894066-85-5. ISSN 0707-3542.
- HHRU 00:7** *Nursing Workforce Study Volume V Changes in the Nursing Workforce and Policy Implications.* April 2000. (A. Kazanjian). ISBN 1-894066-86-3.
- HHRU 00:6** *Nursing Workforce Study Volume IV Nursing Workforce Deployment: A Survey of Employers.* April 2000. (A. Kazanjian, S. Rahim-Jamal, A. MacDonald, L. Wood, C. Cole). ISBN 1-894066-87-1.
- HHRU 00:5** *Nursing Workforce Study Volume III An Inventory of Nursing Program Enrolments and Graduates in Canada by Province/Territory, 1998.* April 2000. (A. Kazanjian, A. MacDonald, L. Wood, C. Cole). ISBN 1-894066-88-X.

- HHRU 00:4** *Nursing Workforce Study Volume II The Supply of Nursing Personnel in Canada.* April 2000. (A. Kazanjian, L. Wood, H. Yip, S. Rahim-Jamal, A. MacDonald). ISBN 1-894066-89-8.
- HHRU 00:3** *Nursing Workforce Study Volume I Demographic Context and Health System Structure for Nursing Services in Canada.* April 2000. (A. Kazanjian, S. Rahim-Jamal, L. Wood, A. MacDonald). ISBN 1-894066-90-1.
- HHRU 00:2** *Issues in Physician Resources Planning in B.C.: Key Determinants of Supply and Distribution, 1991-96.* March 2000. (A. Kazanjian, R.J. Reid, N. Pagliccia, L. Aplan, L. Wood). ISBN 1-894066-91-X.
- HHRU 00:1** *The Effects of Rationed Access Days (RADs) on Physician Fee-for-service Payments in B.C.* March 2000. (R. Hanvelt, R. Reid, D.G. Schneider, N. Pagliccia, K. McGrail, M.L. Barer, R.G. Evans). ISBN 1-894066-92-8.
- HHRU 99:6** *Immigration and Emigration of Physicians to/from Canada.* December 1999. (M.L. Barer, William A. Webber). ISBN 1-894066-93-6.
- HHRU 99:5** *Improving Access to Needed Medical Services in Rural and Remote Canadian Communities: Recruitment and Retention Revisited.* June 1999. (M.L. Barer, Greg L. Stoddart). ISBN 1-894066-94-4.
- HHRU 99:4** *INVENTORY UPDATE 98. A Regional Analysis of Health Personnel in the Province of British Columbia.* June 1999. ISBN 1-894066-95-2. ISSN 1196-9911.
- HHRU 99:3** *Toward Improved Access to Medical Services for Relatively Underserved Populations: Canadian Approaches, Foreign Lessons.* May 1999. (M.L. Barer, L. Wood, D.G. Schneider). ISBN 1-894066-95-2.
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