

Children’s Surgical Services: Setting the Stage for Tiers Development

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HOW TO CITE THE CHILDREN’S SURGICAL SERVICES:

We encourage you to share these documents with others and we welcome their use as a reference. Please cite each document in the module in keeping with the citation on the table of contents of each of the three documents. If referencing the full module, please cite as:

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Children's Surgical Services: Setting the Stage for Tiers Development

The Children's Surgical Tiers of Service module is made up of three components:

1. Documents that provide context and were developed to inform the Surgical Tiers module
 - a. *Children's Surgical Services: Setting the Stage for Tiers Development (this document)*
 - b. Summary of the Evidence Volume-Outcome Relationship in Pediatric Surgery¹
2. Children's Surgical Services: Tiers in Brief to Support System Planning (high-level description of the tiers, including responsibilities and requirements)
3. Children's Surgical Services: Tiers in Full to Support Operational Planning (detailed description of the responsibilities and requirements at each tier)

1.0 Providers of Children's Surgical Services

Children's surgical services are provided by surgical and anesthesia providers in partnership with nurses, allied health and other members of the health care team.

In BC, surgical and anesthesia providers have one of the following types of qualifications:

1. Royal College of Physicians and Surgeons of Canada (RCPSC)-certified (see Table 1).
 - a) Adult surgery specialists and anesthesiologists:
 - Surgeons and anesthesiologists who have completed a post-graduate specialty residency program and the relevant RCPSC examination. Residencies are usually five years.
 - Surgical and anesthesiology residency programs include a pediatric component.
 - b) Pediatric surgery and anesthesiology specialists:
 - Specialty-trained surgeons and anesthesiologists who have completed additional training in pediatrics.
 - In Canada, pediatric general surgery is the only pediatric surgical subspecialty recognized by the RCPSC. Pediatric general surgery requires completion of a two-year residency program and the RCPSC examination.
 - Pediatric training for other surgical specialties and for anesthesiology occurs through fellowships which range from one to four years in length. No subspecialty RCPSC examination is required.
2. Family practice physicians with specialty training
 - a) Family practice physicians with enhanced surgical skills:
 - Family practice physicians who have completed a College of Family Physicians of Canada (CFPC) approved one-year training program in enhanced surgical skills or equivalent training in a program outside of Canada acceptable to the College of Physicians and Surgeons of BC (CPSBC) and the governing body of the HA.²

- In 2011, 40 family practice physicians with enhanced surgical skills were practicing in BC; about two-thirds of these were trained outside of Canada.³ These surgeons were distributed across 11 communities in BC.⁴

b) Family practice anesthesia providers:

- Family practice physicians who have completed a CFPC accredited one-year training program in family practice anesthesia or equivalent training in a program outside of Canada acceptable to the CPSBC and the governing body of the HA. Training program should have included specific training in pediatric, obstetrical and adult anesthesia.⁵
- In 2011, 500 – 700 GP-anesthetists were practicing in Canada, mostly in Ontario, the West and the North.⁶ Specific numbers of GP anesthetists in BC were not available.

Table 1: BC RCPSC-Certified Anesthesiology & Surgical Specialists

| Surgical Specialty | Pediatric Surgery & Anesthesiology Specialists | | Adult Surgery & Anesthesiologists Specialists (see note below) |
|-----------------------------|--|---|---|
| | BC Children's (Active Members only) | Elsewhere in BC | |
| Anesthesia | 24 | 3 (Victoria) | 484 |
| Cardiothoracic Surgery | 2 | 0 | 51 |
| Dental | 44 | 8+ (Victoria), 2 (Kelowna) | Unknown |
| General/Vascular | 5 | 2 (Victoria) | 289 |
| Neurosurgery | 5 | 0 | 47 |
| Ophthalmology | 13 | 1 (Victoria) | 199 |
| Orthopedic | 7 | 5 (Kelowna, Surrey, Victoria x2 & Prince George) | 234 |
| Otolaryngology | 6 | 2 (Surrey & Victoria) | 91 |
| Plastics | 6 | 1 (Victoria) | 95 |
| Urology | 3 | 1 (Kelowna) | 97 |
| Total, excl Obs/Gyne | 115 | 25+ | 1,587 + dentists |
| Obstetrics/Gynecology | 4 Gyne (BCCH) | 1 Gyne (Victoria) | 259 |
| Total, incl Obs/Gyne | 119 | 26+ | 1,846 + dentists |

Sources:

1. Adult surgery specialists & anesthesiologists: Canadian Medical Association Masterfile, January 2014.
2. Pediatric surgery & anesthesiology specialists: Information provided by Children's Surgical Tiers of Service Working Group.

Definitions:

1. Adult surgery & anesthesiology specialist: Physician certified by the RCPSC in surgical specialty or anesthesiology. Training includes a pediatric component.
2. Pediatric surgery & anesthesiology specialist: Physician certified by the RCPSC in surgical specialty or anesthesiology. Has completed a pediatric fellowship in the relevant specialty. Practice may be mixed adults and children or exclusively with children.

Note: Many adult surgery and adult anesthesiology specialists do not perform surgery/provide anesthesia on children.

2.0 Utilization of Surgical Services by Children

2.1 About the Data

Highlights of the data used to inform the development of this module are provided in this section. Detailed data and a visual representation (map) are available in Appendices 1 - 5.

Data is provided for inpatient (including babies in NICU) and day care service utilization. Unfortunately no comparable provincial-level data exists for hospital outpatient or community-based services.

Data is for 2014/15 and children ages 0 - 16.9 years. Surgical procedures were assigned to the surgical specialty of the procedural physician. For example, if a general surgeon performed a thoracic procedure, the procedure was assigned to general surgery (not thoracic surgery).

2.2 Inpatient and Day Care Visits/Procedures

In 2014/15, 40,771 visits (112 per day, including NICU visits) were made by children to a BC hospital for medical/surgical reasons (19,527 medical and 21,244 surgical visits for a 48%/52% split, based on the most responsible physician (MRP). Of these, 23,659 (65 per day or 58% of total visits) were inpatient visits (78% medical and 22% surgical visits).

27,163 procedures were performed during the 40,771 visits in 2014/15. Of these, 22,613 (83%) were performed by surgeons.

Of the 22,613 procedures performed by surgeons (refer to Tables 2 - 5 for details):

- 16,069 (71%) were performed on a surgical day care basis and 6,544 (29%) on inpatients.
- The highest number were otolaryngology (21% of total visits), followed by dental (21%), orthopedic (15%) and general surgery (12%).
- 10,213 (45% of the total provincial procedures) were performed at Children's & Women's (C&W), 3,808 (17%) in Island Health, 2,994 (13%) in FH, 3,054 (14%) in IH, 1,679 (7%) in NHA and 865 (4%) in VCH.
- The highest number were performed on children living in FHA (36% of the total provincial procedures), followed by children living in Island Health (20% of total procedures) and IH (18% of total procedures). On a per capita basis, the number was lower in FHA/VCH (52% of the total surgical visits vs 63% of the population) than in the other HAs.
- 66% were performed in a hospital in the HA in which the child was residing.
 - Children living in VCH and VIHA were the most likely to access services in their home HA (95% in VCH and 86% in VIHA). Children living in FHA were the least likely (36%).
 - Children requiring otolaryngology services were the most likely to access services in their home HA (84%), followed by gynecology (81%), orthopedic surgery (74%), oral surgery (74%), dentistry (71%) and general surgery (67%).

- Services that children were most likely to travel to another HA to receive were cardiac surgery (76% travelled to another HA) and neurosurgery (73% travelled).
- Expectedly, C&W served the highest percentage of children from another HA (74%). Percentages for other HAs ranged from 2% (Island Health) to 29% (VCH).

Table 2: Surgical Procedures, Children Ages 0 – 16.9 Yrs, by Surgical Specialty (CIHI, 2014/15)

| Procedure MD | Procedures | | | % Total Procedures | % SDC/Total Procedures | C&W | % C&W/Total Procedures |
|--------------------------|--------------|---------------|---------------|--------------------|------------------------|---------------|------------------------|
| | Inpatient | Day Surgery | Total | | | | |
| Anaesthesiology | 27 | 38 | 65 | 0% | 58% | 44 | 0% |
| Cardiac/Thoracic Surgery | 391 | 10 | 401 | 2% | 2% | 388 | 4% |
| Dentistry | 33 | 4,810 | 4,843 | 21% | 99% | 2,154 | 21% |
| General Surgery | 1,634 | 1,134 | 2,768 | 12% | 41% | 1,263 | 12% |
| Gynaecology | 51 | 115 | 166 | 1% | 69% | 30 | 0% |
| Neurosurgery | 237 | 15 | 252 | 1% | 6% | 243 | 2% |
| Ophthalmology | 49 | 1,083 | 1,132 | 5% | 96% | 867 | 8% |
| Oral Surgery | 87 | 337 | 424 | 2% | 79% | 116 | 1% |
| Orthopaedic Surgery | 1,464 | 1,845 | 3,309 | 15% | 56% | 1,030 | 10% |
| Otolaryngology | 1,117 | 3,730 | 4,847 | 21% | 77% | 969 | 9% |
| Plastic Surgery | 294 | 796 | 1,090 | 5% | 73% | 537 | 5% |
| Radiology | 964 | 1,014 | 1,978 | 9% | 51% | 1,794 | 18% |
| Urology | 196 | 1,142 | 1,338 | 6% | 85% | 778 | 8% |
| Total Procedures | 6,544 | 16,069 | 22,613 | 100% | 71% | 10,213 | 100% |

Table 3: Surgical Procedures, Children Ages 0 – 16.9 Yrs, by Surgical Specialty & HA of Treating Hospital (CIHI, 2014/15)

| Procedure MD | HA of Treating Hospital | | | | | | Total, excl C&W | C&W | Total, incl C&W | % Total Visits |
|---------------------------|-------------------------|--------------|-------------|--------------|--------------|---------------|-----------------|---------------|-----------------|----------------|
| | Interior | Fraser | Van Coastal | Van Island | Northern | | | | | |
| Anaesthesiology | 3 | 3 | 4 | 4 | 7 | 21 | 44 | 65 | 0% | |
| Cardiac/Thoracic Surgery | 3 | 5 | 5 | | | 13 | 388 | 401 | 2% | |
| Dentistry | 693 | 235 | 57 | 991 | 713 | 2,689 | 2,154 | 4,843 | 21% | |
| General Surgery | 272 | 315 | 137 | 575 | 206 | 1,505 | 1,263 | 2,768 | 12% | |
| Gynaecology | 45 | 20 | 17 | 26 | 28 | 136 | 30 | 166 | 1% | |
| Neurosurgery | 4 | 1 | 3 | 1 | | 9 | 243 | 252 | 1% | |
| Ophthalmology | 55 | 23 | 35 | 134 | 18 | 265 | 867 | 1,132 | 5% | |
| Oral Surgery | 13 | 142 | 23 | 104 | 26 | 308 | 116 | 424 | 2% | |
| Orthopaedic Surgery | 560 | 642 | 261 | 544 | 272 | 2,279 | 1,030 | 3,309 | 15% | |
| Otolaryngology | 1,050 | 1,312 | 198 | 996 | 322 | 3,878 | 969 | 4,847 | 21% | |
| Plastic Surgery | 154 | 120 | 43 | 202 | 34 | 553 | 537 | 1,090 | 5% | |
| Radiology | 52 | 16 | 30 | 71 | 15 | 184 | 1,794 | 1,978 | 9% | |
| Urology | 150 | 160 | 52 | 160 | 38 | 560 | 778 | 1,338 | 6% | |
| Total Procedures | 3,054 | 2,994 | 865 | 3,808 | 1,679 | 12,400 | 10,213 | 22,613 | 100% | |
| % Total Procedures | 14% | 13% | 4% | 17% | 7% | 55% | 45% | 100% | | |

Note: Surgical procedures were assigned to the surgical specialty of the procedural physician. For example, if a general surgeon performed a thoracic procedure, the procedure would be assigned to general surgery (not thoracic surgery).

Table 4: Surgical Procedures, Children Ages 0 – 16.9 Yrs, by Surgical Specialty & HA of Child’s Home Residence (CIHI, 2014/15)

| Procedure MD | Child's Home Residence | | | | | | Total, excl Other | Other | Total, incl Other |
|------------------------------|------------------------|--------------|--------------|--------------|--------------|--|-------------------|------------|-------------------|
| | Interior | Fraser | Van Coastal | Van Island | Northern | | | | |
| Anaesthesiology | 5 | 27 | 16 | 7 | 8 | | 63 | 2 | 65 |
| Cardiac/Thoracic Surgery | 43 | 138 | 75 | 51 | 34 | | 341 | 60 | 401 |
| Dentistry | 755 | 1,316 | 496 | 1,028 | 694 | | 4,289 | 554 | 4,843 |
| General Surgery | 388 | 906 | 513 | 645 | 267 | | 2,719 | 49 | 2,768 |
| Gynaecology | 48 | 45 | 19 | 25 | 28 | | 165 | 1 | 166 |
| Neurosurgery | 40 | 93 | 61 | 31 | 20 | | 245 | 7 | 252 |
| Ophthalmology | 120 | 514 | 240 | 187 | 48 | | 1,109 | 23 | 1,132 |
| Oral Surgery | 22 | 198 | 60 | 106 | 35 | | 421 | 3 | 424 |
| Orthopaedic Surgery | 619 | 1,156 | 522 | 604 | 326 | | 3,227 | 82 | 3,309 |
| Otolaryngology | 1,133 | 1,678 | 595 | 1,044 | 372 | | 4,822 | 25 | 4,847 |
| Plastic Surgery | 201 | 384 | 182 | 223 | 78 | | 1,068 | 22 | 1,090 |
| Radiology | 321 | 843 | 431 | 220 | 125 | | 1,940 | 38 | 1,978 |
| Urology | 216 | 550 | 272 | 203 | 83 | | 1,324 | 14 | 1,338 |
| Total Procedures | 3,911 | 7,848 | 3,482 | 4,374 | 2,118 | | 21,733 | 880 | 22,613 |
| % Total Procedures | 18% | 36% | 16% | 20% | 10% | | 100% | | |
| Pop'n, 0 – 16.9 Yrs | 115,792 | 329,166 | 165,236 | 116,317 | 58,442 | | 784,953 | | |
| % Pop'n, 0 - 16.9 Yrs | 15% | 42% | 21% | 15% | 7% | | 100% | | |

Table 5: % Surgical Procedures in Home HA for Children Ages 0 - 16.9 Yrs (CIHI, 2014/15)

| Procedure MD | Child's Home Residence | | | | | |
|--------------------------------|------------------------|------------|-------------------------|------------|------------|------------|
| | IHA | FHA | VCH (see note below) | VIHA | NHA | Prov Avg |
| Anaesthesiology | 60% | 4% | 94% | 57% | 88% | 48% |
| Cardiac/Thoracic Surgery | 7% | 4% | 100% | 0% | 0% | 24% |
| Dentistry | 91% | 17% | 97% | 96% | 96% | 71% |
| General Surgery | 65% | 34% | 98% | 87% | 76% | 67% |
| Gynaecology | 92% | 42% | 100% | 100% | 96% | 81% |
| Neurosurgery | 10% | 1% | 100% | 3% | 0% | 27% |
| Ophthalmology | 46% | 4% | 100% | 71% | 38% | 42% |
| Oral Surgery | 59% | 63% | 80% | 95% | 74% | 74% |
| Orthopaedic Surgery | 83% | 52% | 93% | 87% | 80% | 74% |
| Otolaryngology | 91% | 72% | 85% | 95% | 79% | 84% |
| Plastic Surgery | 73% | 29% | 95% | 87% | 42% | 62% |
| Radiology | 16% | 2% | 100% | 32% | 10% | 30% |
| Urology | 69% | 28% | 98% | 78% | 46% | 58% |
| % Procedures in Home HA | 75% | 36% | 95% | 86% | 75% | 66% |

Notes:

1. Surgical procedures were assigned to the surgical specialty of the procedural physician. For example, if a general surgeon performed a thoracic procedure, the procedure would be assigned to general surgery (not thoracic surgery).
2. For the purposes of this table, children from VCH that had a procedure at C&W or a VCH hospital were assumed to have received the service in their home HA.

Of the 108 hospitals in BC:

- Surgery was performed on children in 57/108¹ (53%) hospitals in 2014/15 (CIHI).
- Of the 57 hospitals where surgery was performed on children:
 - 23/57 (40%) performed day care surgery only (defined as 5 or less inpatient procedures per year).
 - 26/57 (46%) performed less than 100 procedures, 28 performed between 100 and 1,000 procedures and 3/57 performed more than 1,000 procedures (BCCH, Victoria General and Surrey Memorial).
 - 22/57 (38%) have dedicated pediatric beds (see Appendix 5 for a listing) and collectively performed 87% of the total pediatric surgical volume.

3.0 References

1. Hanley G. Summary of the evidence volume-outcome relationship in pediatric surgery. <http://childhealthbc.ca/>. 2013:1-15.
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3. Grzybowski S et al. The outcomes of perinatal surgical services in rural British Columbia: a population-based study. www.facturation.net/cjrm/vol-18/issue-4/123. *Can J Rural Med*. 2013;18(4). (accessed Nov 20, 2016)
4. National Working Group on Enhanced Surgical Skills. Enhanced surgical skills training program for family physicians: An integrated modular curriculum. www.srpc.ca/ess2016/summit/Draft-2-Enhanced-Surgical-Skills-Curriculum-14-01-21.pdf. 2014: 1-98. (accessed Nov 20, 2016)
5. BC Medical Quality Initiative. Family practice anesthesia clinical privileges. <http://bcmqi.ca/privileging-dictionaries>. 2015:1-8. (accessed Nov 20, 2016)
6. Society of Rural Physicians of Canada in cooperation with the College of Family Physicians of Canada and the Canadian Anesthesiologists Society. Joint position paper on training for rural family physicians in anesthesia. www.srpc.ca/pdf/jppeng.pdf. November 2001: 1-21. (accessed Nov 20, 2016)

¹ 57/76 (75%) if hospitals with no inpatient beds are excluded.

Appendix 1: ED and Med/Surg Visits and Days by Facility

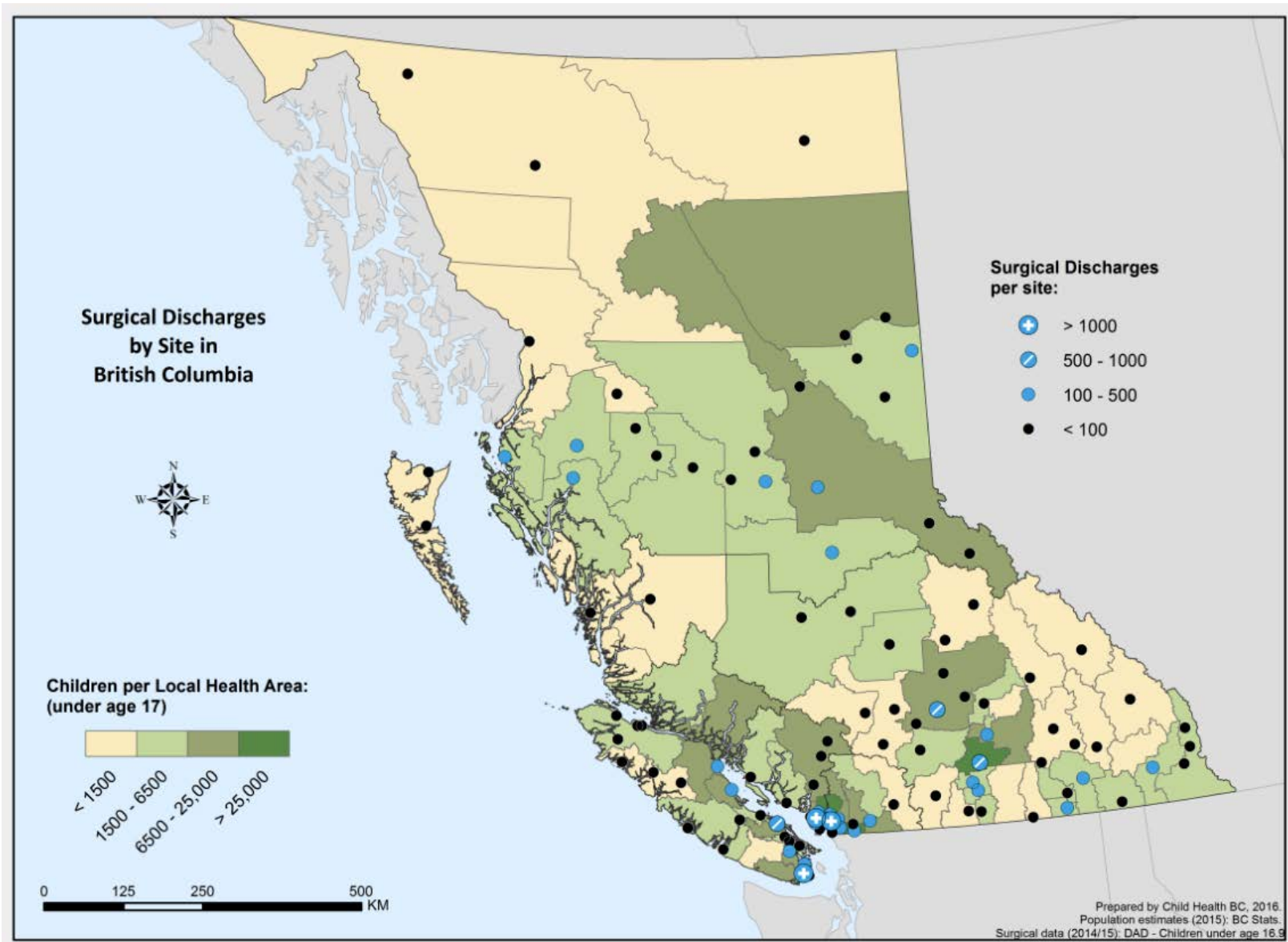
- Includes children ages 0 - 16.9 years.
- Surgical procedures: Procedures performed on children by a surgeon regardless of most responsible physician (MRP). Includes children in NICUs, PICUs, med/surg units and in day care settings.
- Med/surg visits and days: Visits and days sorted by MRP. Includes children in PICUs, med/surg units and in day care settings (excludes children in NICUs).
- Medical and surgical data is for fiscal year 2014/2015. Source is the BC MoH Discharge Abstract Database.
- Emergency Department (ED) visits: Based on 2015/16 National Ambulatory Care Reporting System (NACRS) data for children ages 0-16.9 for sites that submit to NACRS. Where NACRS data was not available, visits were calculated as 15.48% x total ED visits. 2015/16 MIS data was used for total ED visits.

| | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|--------------------------|------------------------------------|---------------|-----------------|-------------|--------------|-----------------|-------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | Day Care Proc's | Inpt Proc's | Total Proc's | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| Interior HA | | | | | | | | | | | | | | | | |
| East Kootenay | Creston Valley Hosp | 2,391 | 8 | | 8 | 8 | | 8 | 0 | 3 | 25 | 28 | 51 | 36 | 51 | |
| | East Kootenay Reg Hosp (Cranbrook) | 3,678 | 303 | 71 | 374 | 303 | 76 | 379 | 165 | | 117 | 117 | 267 | 496 | 432 | 2 |
| | Elk Valley Hosp | 2,000 | 19 | 1 | 20 | 19 | | 19 | 0 | | 29 | 29 | 41 | 48 | 41 | |
| | Elkford H Ctre | 199 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Golden & District Hosp | 1,225 | 7 | 1 | 8 | 7 | | 7 | 0 | 4 | 12 | 16 | 24 | 23 | 24 | |
| | Invermere & District Hosp | 1,850 | | | 0 | | | 0 | | | 18 | 18 | 39 | 18 | 39 | |
| | Sparwood H Ctre | 706 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| Kootenay Boundary | Arrow Lakes Hosp | 677 | | | 0 | | | 0 | | | 1 | 1 | 2 | 1 | 2 | |
| | Boundary Hosp | 2,413 | | | 0 | | | 0 | | | 3 | 3 | 5 | 3 | 5 | |
| | Castlegar H Ctre | 1,637 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Edgewood H Ctre | 226 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Kootenay Bound Hosp | 2,475 | 137 | 40 | 177 | 138 | 40 | 178 | 77 | 1 | 166 | 167 | 450 | 345 | 527 | 4 |
| | Kootenay Lake Hosp | 2,114 | 98 | 1 | 99 | 98 | 3 | 101 | 11 | 1 | 53 | 54 | 124 | 155 | 135 | |
| | Victorian Comm H Ctre of Kaslo | 156 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| Okanagan | Kelowna Gen Hosp | 9,446 | 453 | 178 | 631 | 453 | 176 | 629 | 310 | 14 | 511 | 525 | 1288 | 1154 | 1598 | 10 |
| | Penticton Reg Hosp | 5,679 | 93 | 58 | 151 | 93 | 64 | 157 | 99 | 6 | 227 | 233 | 466 | 390 | 565 | 11 |
| | Princeton Gen Hosp | 1,085 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | South Ok Gen Hosp | 2,810 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | S Similkameen H Ctre | 422 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Summerland H Ctre | | 402 | | 402 | 402 | | 402 | 0 | | | 0 | | 402 | 0 | |
| | Vernon Jubilee Hosp | 6,834 | 246 | 81 | 327 | 246 | 90 | 336 | 148 | 6 | 235 | 241 | 643 | 577 | 791 | 5 |
| Thompson Cariboo Shuswap | 100 Mile District Hosp | 1,925 | 8 | | 8 | 5 | | 5 | 0 | 11 | 16 | 27 | 28 | 32 | 28 | |
| | Alexis Creek H Ctre | 276 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Ashcroft Gen Hosp | 395 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Barriere H Ctre | 229 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Blue River H Ctre | 105 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Cariboo Memorial Hosp | 3,277 | 65 | 6 | 71 | 64 | 6 | 70 | 12 | 1 | 67 | 68 | 150 | 138 | 162 | |
| | Chase & District H Ctre | 653 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Dr. Helmcken Mem Hosp | 570 | | | 0 | | | 0 | | | 3 | 3 | 3 | 3 | 3 | |
| | Lillooet Hosp & H Ctre | 833 | 23 | | 23 | 23 | | 23 | 0 | 1 | 16 | 17 | 23 | 40 | 23 | |
| | Logan Lake H Ctre | 0 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Nicola Valley Hosp | 2,077 | | | 0 | | | 0 | | | 1 | 1 | 2 | 1 | 2 | |
| | Queen Victoria Hosp | 1,422 | 6 | 3 | 9 | 6 | 4 | 10 | 5 | | 8 | 8 | 12 | 18 | 17 | |
| | Royal Inland Hosp | 10,516 | 489 | 203 | 692 | 482 | 214 | 696 | 348 | 6 | 368 | 374 | 899 | 1070 | 1247 | 9 |
| | Shuswap Lake Gen Hosp | 3,130 | 47 | 7 | 54 | 47 | 9 | 56 | 15 | | 45 | 45 | 68 | 101 | 83 | |
| | Slocan Comm H Ctre | 312 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| St. Bartholomew's H Ctre | 317 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | | |
| Interior HA Total | | 74,061 | 2,404 | 650 | 3,054 | 2,394 | 682 | 3,076 | 1,190 | 54 | 1,921 | 1,975 | 4,585 | 5,051 | 5,775 | 41 |

| | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|-----------------------------------|------------------------------|----------------|-----------------|-------------|--------------|-----------------|-------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | Day Care Proc's | Inpt Proc's | Total Proc's | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| Fraser HA | | | | | | | | | | | | | | | | |
| | Abbotsford Reg Hosp | 13,572 | 254 | 167 | 421 | 253 | 165 | 418 | 315 | | 871 | 871 | 2174 | 1289 | 2489 | 12 |
| Fraser East | Chilliwack Gen Hosp | 9,541 | 197 | 19 | 216 | 193 | 21 | 214 | 39 | | 114 | 114 | 121 | 328 | 160 | 4 |
| | Fraser Canyon Hosp | 1,481 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Mission Memorial Hosp | 2,683 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| Fraser North | Burnaby Hosp | 9,120 | 4 | 5 | 9 | 4 | 11 | 15 | 11 | | 132 | 132 | 148 | 147 | 159 | |
| | Eagle Ridge Hosp | 8,495 | 225 | 1 | 226 | 225 | 4 | 229 | 4 | | 103 | 103 | 103 | 332 | 107 | |
| | Ridge Meadows Hosp | 6,269 | 232 | 40 | 272 | 232 | 47 | 279 | 76 | 2 | 7 | 9 | 9 | 288 | 85 | 4 |
| | Royal Columbian Hosp | 10,213 | 82 | 171 | 253 | 82 | 184 | 266 | 334 | 1 | 507 | 508 | 1264 | 774 | 1598 | 12 |
| Fraser South | Delta Hosp | 3,383 | 34 | | 34 | 34 | | 34 | 0 | | 46 | 46 | 46 | 80 | 46 | |
| | Jim Pattison Outpt Ctre | | 7 | | 7 | 7 | | 7 | 0 | 12 | | 12 | 0 | 19 | 0 | |
| | Langley Memorial Hosp | 6,587 | 204 | 83 | 287 | 204 | 89 | 293 | 152 | | 413 | 413 | 1079 | 706 | 1231 | 9 |
| | Peace Arch District Hosp | 6,300 | 27 | 12 | 39 | 27 | 16 | 43 | 20 | 1 | 72 | 73 | 72 | 116 | 92 | |
| | Surrey Memorial Hosp | 36,649 | 775 | 455 | 1230 | 775 | 459 | 1234 | 671 | 4 | 1095 | 1099 | 2988 | 2333 | 3659 | 16 |
| Fraser HA Total | | 114,293 | 2,041 | 953 | 2,994 | 2,036 | 996 | 3,032 | 1,622 | 20 | 3,360 | 3,380 | 8,004 | 6,412 | 9,626 | 57 |
| Vancouver Coastal HA | | | | | | | | | | | | | | | | |
| North Shore/Coast Garibaldi | Bella Coola Gen Hosp | 456 | | | 0 | | | 0 | | | 22 | 22 | 37 | 22 | 37 | |
| | Lions Gate Hosp | 8,240 | 186 | 143 | 329 | 182 | 149 | 331 | 239 | 36 | 426 | 462 | 944 | 793 | 1183 | 10 |
| | Pemberton H Ctre | 813 | | | 0 | | | 0 | | | 0 | 0 | 0 | 0 | 0 | |
| | Powell River Gen Hosp | 2,852 | 28 | 2 | 30 | 28 | 3 | 31 | 7 | 2 | 11 | 13 | 15 | 44 | 22 | |
| | R.W. Large Mem Hosp | 431 | | | 0 | | | 0 | | | 3 | 3 | 3 | 3 | 3 | |
| | Squamish Gen Hosp | 2,237 | 67 | 2 | 69 | 31 | | 31 | 0 | 37 | 21 | 58 | 30 | 89 | 30 | |
| | St. Mary's Hosp, Sechelt | 2,445 | 26 | 5 | 31 | 26 | 4 | 30 | 4 | | 21 | 21 | 34 | 51 | 38 | |
| | Whistler H Ctre | 3,330 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| Richmond | Richmond Hosp | 6,949 | 118 | 51 | 169 | 118 | 55 | 173 | 81 | | 193 | 193 | 305 | 366 | 386 | 4 |
| Vancouver | Mount Saint Jo (Providence) | 1,104 | 14 | | 14 | 14 | | 14 | 0 | 2 | 2 | 4 | 3 | 18 | 3 | |
| | St. Paul's Hosp (Providence) | 1,646 | 34 | 9 | 43 | 33 | 7 | 40 | 23 | 7 | 58 | 65 | 99 | 105 | 122 | |
| | U.B.C. H Sciences Ctre | 1,838 | 72 | 19 | 91 | 72 | 19 | 91 | 19 | | | 0 | | 91 | 19 | |
| | Vancouver Gen Hosp | 136 | 52 | 37 | 89 | 52 | 37 | 89 | 281 | 4 | 7 | 11 | 38 | 100 | 319 | |
| Vancouver Coastal HA Total | | 32,478 | 597 | 268 | 865 | 556 | 274 | 830 | 654 | 88 | 764 | 852 | 1,508 | 1,682 | 2,162 | 14 |
| Vancouver Island HA | | | | | | | | | | | | | | | | |
| Central Van Island | Bamfield H Ctre | 213 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Chemamus Health Ctre | 934 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Cowichan District Hosp | 5,118 | 313 | 59 | 372 | 312 | 58 | 370 | 72 | 2 | 209 | 211 | 479 | 581 | 551 | 4 |
| | Ladysmith Comm H Ctre | 2,476 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Nanaimo Reg Gen Hosp | 8,376 | 725 | 167 | 892 | 725 | 175 | 900 | 290 | 2 | 423 | 425 | 1006 | 1325 | 1296 | 8 |
| | Oceanside H Ctre | 3,889 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Tofino Gen Hosp | 946 | | | 0 | | | 0 | | | | 12 | 12 | 18 | 12 | 18 |
| | West Coast Gen Hosp | 4,070 | 18 | 8 | 26 | 18 | 8 | 26 | 16 | | 60 | 60 | 127 | 86 | 143 | |
| Northern Van Island | Campbell River Hosp | 2,916 | 190 | 38 | 228 | 190 | 44 | 234 | 85 | | 88 | 88 | 226 | 322 | 311 | 1 |
| | Cormorant Island H Ctre | 252 | | | 0 | | | 0 | | | 2 | 2 | 3 | 2 | 3 | |
| | Gold River H Ctre | 467 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Kyuquot H Ctre | 137 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Port Alice Hosp | 113 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Tahsis H Ctre | 396 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Port Hardy Hosp | 1,221 | | | 0 | | | 0 | | | 21 | 21 | 39 | 21 | 39 | |
| | Port McNeill Hosp | 723 | | | 0 | | | 0 | | | 4 | 4 | 5 | 4 | 5 | |
| St. Joseph's Gen Hosp | 3,236 | 186 | 20 | 206 | 186 | 27 | 213 | 53 | | 98 | 98 | 164 | 311 | 217 | 4 | |
| Southern Van Island | Lady Minto/Gulf Islands Hosp | 1,552 | | | 0 | | | 0 | | 1 | 11 | 12 | 13 | 12 | 13 | |
| | Royal Jubilee Hosp | 2,434 | 52 | 12 | 64 | 51 | 7 | 58 | 62 | 4 | 1 | 5 | 1 | 63 | 63 | |
| | Saanich Peninsula Hosp | 2,431 | 205 | | 205 | 205 | | 205 | 0 | | | 0 | | 205 | 0 | |
| | Victoria Gen Hosp | 12,546 | 1238 | 577 | 1815 | 1236 | 497 | 1733 | 959 | 7 | 1095 | 1102 | 3949 | 2835 | 4908 | 16 |
| Vancouver Island HA Total | | 54,444 | 2,927 | 881 | 3,808 | 2,923 | 816 | 3,739 | 1,537 | 16 | 2,024 | 2,040 | 6,030 | 5,779 | 7,567 | 33 |

| | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|--------------------------|----------------------------------|----------------|-----------------|--------------|---------------|-----------------|--------------|---------------|---------------|-----------------|---------------|---------------|---------------|---------------|---------------|--------------|
| | | | Day Care Proc's | Inpt Proc's | Total Proc's | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| Northern HA | | | | | | | | | | | | | | | | |
| North-east | Chetwynd Gen Hosp | 1,428 | | | 0 | | | 0 | | | | 18 | 18 | 32 | 18 | 32 |
| | Dawson Creek Hosp | 3,842 | 126 | 6 | 132 | 126 | 8 | 134 | 14 | 38 | 48 | 86 | 111 | 220 | 125 | |
| | Fort Nelson Gen Hosp | 1,023 | 8 | | 8 | 8 | | 8 | 0 | 2 | 24 | 26 | 43 | 34 | 43 | |
| | Fort St. John Gen Hosp | 4,276 | 88 | 7 | 95 | 88 | 7 | 95 | 20 | 34 | 113 | 147 | 251 | 242 | 271 | |
| | Hudson's Hope H Ctre | 50 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| Tumbler Ridge H Ctre | 362 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | | |
| Northern Interior | Burns Lake Hosp (Lakes District) | | | | 0 | | | 0 | | | 31 | 31 | 58 | 31 | 58 | |
| | Fraser Lake H Ctre | 867 | | | 0 | | | 0 | | | 0 | | 0 | 0 | | |
| | GR Baker Mem Hosp | 2,827 | 189 | 8 | 197 | 189 | 13 | 202 | 22 | 9 | 23 | 32 | 47 | 234 | 69 | |
| | Lakes District Hosp | 2,063 | | | 0 | | | 0 | | | 0 | | 0 | 0 | | |
| | Mackenzie Hosp | 928 | | | 0 | | | 0 | | 4 | 4 | 6 | 4 | 6 | | |
| | McBride & District Hosp | 325 | | | 0 | | | 0 | | 1 | 1 | 1 | 1 | 1 | | |
| | St. John Hosp | 1,689 | 101 | 20 | 121 | 101 | 20 | 121 | 20 | 26 | 55 | 81 | 81 | 202 | 101 | |
| | Stuart Lake Hosp | 916 | | | 0 | | | 0 | | 10 | 10 | 21 | 10 | 21 | | |
| | The Univ Hosp of N BC | 7,271 | 348 | 86 | 434 | 341 | 77 | 418 | 193 | 13 | 499 | 512 | 1455 | 930 | 1648 | 12 |
| Valemount H Ctre | 474 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | | |
| North-west | Atlin H Ctre | 393 | | | 0 | | | 0 | | | 0 | | 0 | 0 | | |
| | Bulkley Valley Hosp | 2,342 | 31 | 2 | 33 | 31 | 3 | 34 | 3 | 26 | 69 | 95 | 146 | 129 | 149 | |
| | Houston H Ctre | 687 | | | 0 | | | 0 | | | 0 | | 0 | 0 | | |
| | Kitimat Gen Hosp | 1,817 | 111 | 3 | 114 | 112 | 2 | 114 | 2 | 3 | 42 | 45 | 94 | 159 | 96 | |
| | Mills Memorial Hosp | 4,085 | 244 | 19 | 263 | 240 | 16 | 256 | 30 | 2 | 99 | 101 | 244 | 357 | 274 | |
| | N Haida Gwaii Hosp | 427 | | | 0 | | | 0 | | | 15 | 15 | 22 | 15 | 22 | |
| | Prince Rupert Reg Hosp | 3,487 | 176 | 7 | 183 | 176 | 9 | 185 | 11 | | 47 | 47 | 80 | 232 | 91 | |
| | Queen Charlotte Is Hosp | 589 | | | 0 | | | 0 | | | 6 | 6 | 11 | 6 | 11 | |
| | Stewart Gen Hosp | 226 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| | Stikine H Ctre | 214 | | | 0 | | | 0 | | | | 0 | | 0 | 0 | |
| Wrinch Memorial Hosp | 1,282 | 98 | 1 | 99 | 98 | | 98 | 0 | | 33 | 33 | 64 | 131 | 64 | | |
| Northern HA Total | | 43,891 | 1,520 | 159 | 1,679 | 1,510 | 155 | 1,665 | 315 | 153 | 1,137 | 1,290 | 2,767 | 2,955 | 3,082 | 12 |
| PHSA HA | | | | | | | | | | | | | | | | |
| PHSA | BC Children's Hosp | 47,673 | 6574 | 3265 | 9839 | 6569 | 2319 | 8888 | 9002 | 787 | 3747 | 4534 | 22728 | 13422 | 31730 | 97 |
| | BC Women's Hosp | | 6 | 368 | 374 | 6 | | 6 | 0 | | 161 | 161 | 347 | 167 | 347 | |
| PHSA HA Total | | 47,673 | 6,580 | 3,633 | 10,213 | 6,575 | 2,319 | 8,894 | 9,002 | 787 | 3,908 | 4,695 | 23,075 | 13,589 | 32,077 | 97 |
| Grand Total | | 366,841 | 16,069 | 6,544 | 22,613 | 15,994 | 5,242 | 21,236 | 14,320 | 1,118 | 13,114 | 14,232 | 45,969 | 35,468 | 60,289 | 254 |

Appendix 2: Map of Pediatric Surgical Discharges in BC



Appendix 3: Surgical Procedures, Children Ages 0 – 16.9 Yrs, by Treating Hospital

- Includes children ages 0 - 16.9 years. Source is the BC MoH Discharge Abstract Database
- Procedures by procedural physician regardless of most responsible physician (MRP). Includes children in NICUs, PICUs, med/surg units and day care settings.
- Surgical procedures are assigned to the surgical specialty of the procedural physician. For example, if a general surgeon performed a thoracic procedure, the procedure is assigned to general surgery (not thoracic surgery).

| Procedure MD | Age of Child | | | | | Total |
|---|--------------|-----------------|---------------|----------------|-----------------|--------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Interior HA | 12 | 113 | 1,014 | 1,276 | 639 | 3,054 |
| 100 Mile District General Hospital | | | | | | |
| Dentistry | | | 4 | | 1 | 5 |
| Radiology | | | | 3 | | 3 |
| Cariboo Memorial Hospital | | | | | | |
| Dentistry | | | 30 | 11 | | 41 |
| General Surgery | | | 1 | 11 | 11 | 23 |
| Gynaecology | | | 1 | 2 | 3 | 6 |
| Radiology | | | | | 1 | 1 |
| Creston Valley Hospital | | | | | | |
| Dentistry | | | 7 | 1 | | 8 |
| East Kootenay Regional Hospital | | | | | | |
| Dentistry | | 1 | 12 | 5 | 2 | 20 |
| General Surgery | | | | 17 | 14 | 31 |
| Gynaecology | | | | 3 | 4 | 7 |
| Orthopaedic Surgery | | | 11 | 26 | 28 | 65 |
| Otolaryngology | | 6 | 93 | 107 | 22 | 228 |
| Radiology | | | | 1 | | 1 |
| Urology | | 6 | 4 | 7 | 5 | 22 |
| Elk Valley Hospital | | | | | | |
| Dentistry | | | 7 | 8 | | 15 |
| General Surgery | | | | 3 | 1 | 4 |
| Otolaryngology | | | 1 | | | 1 |
| Golden & District Hospital | | | | | | |
| Dentistry | | | 5 | | | 5 |
| General Surgery | | | | | 2 | 2 |
| Orthopaedic Surgery | | | | | 1 | 1 |
| Kelowna General Hospital | | | | | | |
| Anaesthesiology | | 1 | | 1 | | 2 |
| Cardiac/Thoracic Surgery | | | | 1 | 2 | 3 |
| Dentistry | | 5 | 13 | 8 | 4 | 30 |
| General Surgery | 1 | 2 | 10 | 37 | 22 | 72 |
| Gynaecology | | | | 1 | 7 | 8 |
| Neurosurgery | | | | | 1 | 1 |
| Ophthalmology | | 13 | 21 | 12 | 1 | 47 |
| Oral Surgery | | | 3 | | 10 | 13 |
| Orthopaedic Surgery | 1 | 3 | 8 | 41 | 41 | 94 |
| Otolaryngology | 1 | 10 | 75 | 81 | 20 | 187 |
| Plastic Surgery | 2 | 11 | 13 | 42 | 25 | 93 |
| Radiology | 1 | 1 | 15 | 17 | 2 | 36 |
| Urology | | 15 | 13 | 9 | 8 | 45 |

| Procedure MD | Age of Child | | | | | Total |
|--|--------------|-----------------|---------------|----------------|-----------------|-------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Kootenay Boundary Reg Hospital | | | | | | |
| Anaesthesiology | | | | 1 | | 1 |
| Dentistry | | | 7 | 6 | 3 | 16 |
| General Surgery | | | 3 | 6 | 8 | 17 |
| Gynaecology | | | | | 2 | 2 |
| Orthopaedic Surgery | | 1 | 7 | 30 | 18 | 56 |
| Otolaryngology | | 2 | 27 | 30 | 2 | 61 |
| Plastic Surgery | | 1 | 3 | 6 | 6 | 16 |
| Urology | | | 2 | 5 | 1 | 8 |
| Kootenay Lake Hospital | | | | | | |
| Dentistry | | 2 | 43 | 41 | 5 | 91 |
| General Surgery | | | | | 2 | 2 |
| Gynaecology | | | | | 3 | 3 |
| Ophthalmology | | 1 | 1 | 1 | | 3 |
| Lillooet Hospital & Health Centre | | | | | | |
| Dentistry | | | 19 | 4 | | 23 |
| Penticton Regional Hospital | | | | | | |
| General Surgery | | | 2 | 9 | 12 | 23 |
| Gynaecology | 1 | | | | 1 | 2 |
| Ophthalmology | | | 1 | | | 1 |
| Orthopaedic Surgery | | 1 | 10 | 27 | 26 | 64 |
| Otolaryngology | | 4 | 22 | 17 | 4 | 47 |
| Urology | | 1 | 3 | 9 | 1 | 14 |
| Queen Victoria Hospital | | | | | | |
| General Surgery | | | 3 | 3 | 3 | 9 |
| Royal Inland Hospital | | | | | | |
| Dentistry | | 1 | 77 | 68 | 9 | 155 |
| General Surgery | | | 3 | 18 | 10 | 31 |
| Gynaecology | 1 | | 1 | 2 | 6 | 10 |
| Neurosurgery | | | 1 | | 2 | 3 |
| Ophthalmology | | | | | 1 | 1 |
| Orthopaedic Surgery | | | 17 | 77 | 86 | 180 |
| Otolaryngology | | 8 | 83 | 92 | 34 | 217 |
| Plastic Surgery | 3 | | 4 | 20 | 18 | 45 |
| Radiology | | | 1 | 5 | 4 | 10 |
| Urology | 1 | | 17 | 15 | 7 | 40 |
| Shuswap Lake General Hospital | | | | | | |
| Dentistry | | | 16 | 9 | 1 | 26 |
| General Surgery | | | 1 | 3 | 9 | 13 |
| Gynaecology | | | | | 2 | 2 |
| Ophthalmology | | | 1 | 2 | | 3 |
| Orthopaedic Surgery | | | | 1 | 7 | 8 |
| Radiology | | | | | 1 | 1 |
| Urology | | | | | 1 | 1 |
| Summerland Memorial H Centre | | | | | | |
| Dentistry | | | 168 | 84 | 6 | 258 |
| Otolaryngology | | | 39 | 81 | 24 | 144 |
| Vernon Jubilee Hospital | | | | | | |
| General Surgery | | 1 | 3 | 22 | 19 | 45 |
| Gynaecology | | | | 3 | 2 | 5 |
| Orthopaedic Surgery | | 4 | 16 | 38 | 34 | 92 |
| Otolaryngology | | 9 | 57 | 79 | 20 | 165 |
| Urology | | 3 | 9 | 7 | 1 | 20 |

| Procedure MD | Age of Child | | | | | Total |
|---------------------------------------|--------------|-----------------|---------------|----------------|-----------------|--------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Fraser HA | 4 | 33 | 862 | 1,381 | 714 | 2,994 |
| Abbotsford Regional Hospital | | | | | | |
| Anaesthesiology | | | 1 | | | 1 |
| Dentistry | | | 44 | 34 | 3 | 81 |
| General Surgery | | | 4 | 23 | 22 | 49 |
| Gynaecology | | | 1 | | 6 | 7 |
| Oral Surgery | | 1 | 2 | 6 | 3 | 12 |
| Orthopaedic Surgery | | | 32 | 70 | 30 | 132 |
| Otolaryngology | | | 38 | 40 | 8 | 86 |
| Plastic Surgery | | | 3 | 11 | 6 | 20 |
| Radiology | | | | 2 | 2 | 4 |
| Urology | | | 7 | 15 | 7 | 29 |
| Burnaby Hospital | | | | | | |
| Anaesthesiology | | | | | 1 | 1 |
| Orthopaedic Surgery | | | 1 | 2 | 2 | 5 |
| Otolaryngology | | | | | 3 | 3 |
| Chilliwack General Hospital | | | | | | |
| Dentistry | | | | 4 | | 4 |
| General Surgery | | | | 1 | 7 | 8 |
| Gynaecology | | | | | 2 | 2 |
| Ophthalmology | | | | 2 | | 2 |
| Orthopaedic Surgery | | | | 13 | 19 | 32 |
| Otolaryngology | | | 76 | 83 | 8 | 167 |
| Radiology | | | 1 | | | 1 |
| Delta Hospital | | | | | | |
| General Surgery | | | | | 14 | 14 |
| Gynaecology | | | | | 1 | 1 |
| Ophthalmology | | | | | 5 | 5 |
| Oral Surgery | | | | | 3 | 3 |
| Orthopaedic Surgery | | | | | 6 | 6 |
| Otolaryngology | | | | | 1 | 1 |
| Plastic Surgery | | | | | 4 | 4 |
| Eagle Ridge Hospital | | | | | | |
| Dentistry | | | 13 | 11 | | 24 |
| General Surgery | | | | | 9 | 9 |
| Oral Surgery | | | | 7 | 1 | 8 |
| Orthopaedic Surgery | | | | 12 | 62 | 74 |
| Otolaryngology | | | 26 | 37 | 10 | 73 |
| Plastic Surgery | | | 2 | 5 | 16 | 23 |
| Urology | | | 1 | 10 | 4 | 15 |
| Jim Pattison Outpt Surg Centre | | | | | | |
| General Surgery | | | | 1 | 2 | 3 |
| Otolaryngology | | | | 1 | | 1 |
| Plastic Surgery | | | | 1 | | 1 |
| Radiology | | | | | 1 | 1 |
| Urology | | | | | 1 | 1 |
| Langley Memorial Hospital | | | | | | |
| General Surgery | | | 1 | 21 | 18 | 40 |
| Gynaecology | 1 | | | | 3 | 4 |
| Ophthalmology | | | 1 | | | 1 |
| Oral Surgery | | | 2 | 52 | 33 | 87 |
| Orthopaedic Surgery | | | 7 | 24 | 29 | 60 |
| Otolaryngology | | | 26 | 38 | 9 | 73 |
| Urology | | | 10 | 10 | 2 | 22 |

| Procedure MD | Age of Child | | | | | Total |
|-------------------------------------|--------------|-----------------|---------------|----------------|-----------------|------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Peace Arch District Hospital | | | | | | |
| General Surgery | | | | | 12 | 12 |
| Oral Surgery | | | | | 4 | 4 |
| Orthopaedic Surgery | | | | | 9 | 9 |
| Otolaryngology | | | | | 8 | 8 |
| Plastic Surgery | | | | | 3 | 3 |
| Urology | | | | | 3 | 3 |
| Ridge Meadows Hospital | | | | | | |
| Dentistry | | | 79 | 31 | 2 | 112 |
| General Surgery | | | | 9 | 9 | 18 |
| Gynaecology | | | 1 | 3 | | 4 |
| Oral Surgery | | | | 4 | 2 | 6 |
| Orthopaedic Surgery | | | 17 | 47 | 31 | 95 |
| Urology | | | 19 | 13 | 5 | 37 |
| Royal Columbian Hospital | | | | | | |
| Anaesthesiology | 1 | | | | | 1 |
| General Surgery | | | 2 | 36 | 24 | 62 |
| Gynaecology | | | | | 1 | 1 |
| Neurosurgery | | | | | 1 | 1 |
| Ophthalmology | 1 | | | | | 1 |
| Oral Surgery | | | | 1 | | 1 |
| Orthopaedic Surgery | | | 17 | 71 | 41 | 129 |
| Otolaryngology | | | 1 | | 1 | 2 |
| Plastic Surgery | | | 6 | 14 | 25 | 45 |
| Radiology | 1 | | | 2 | 3 | 6 |
| Urology | | | 1 | 1 | 2 | 4 |
| Surrey Memorial Hospital | | | | | | |
| Cardiac/Thoracic Surgery | | | | | 5 | 5 |
| Dentistry | | | 9 | 4 | 1 | 14 |
| General Surgery | | | 3 | 62 | 35 | 100 |
| Gynaecology | | | | | 1 | 1 |
| Ophthalmology | | | 1 | 6 | 7 | 14 |
| Oral Surgery | | | 1 | 10 | 10 | 21 |
| Orthopaedic Surgery | | 1 | 29 | 50 | 20 | 100 |
| Otolaryngology | | 31 | 359 | 440 | 68 | 898 |
| Plastic Surgery | | | 6 | 11 | 7 | 24 |
| Radiology | | | | 2 | 2 | 4 |
| Urology | | | 12 | 28 | 9 | 49 |
| Vancouver Coastal HA | 1 | 3 | 139 | 318 | 404 | 865 |
| Lions Gate Hospital | | | | | | |
| Anaesthesiology | | | | 1 | 1 | 2 |
| General Surgery | | 1 | 2 | 46 | 22 | 71 |
| Gynaecology | 1 | | | 2 | 2 | 5 |
| Oral Surgery | | | | | 2 | 2 |
| Orthopaedic Surgery | | | 7 | 49 | 49 | 105 |
| Otolaryngology | | 2 | 61 | 46 | 7 | 116 |
| Plastic Surgery | | | | 3 | 7 | 10 |
| Radiology | | | | 4 | 2 | 6 |
| Urology | | | 1 | 4 | 7 | 12 |
| Mount Saint Joseph Hospital | | | | | | |
| General Surgery | | | | | 4 | 4 |
| Ophthalmology | | | | 2 | 2 | 4 |
| Otolaryngology | | | | | 2 | 2 |
| Plastic Surgery | | | | 1 | 1 | 2 |
| Urology | | | | | 2 | 2 |

| Procedure MD | Age of Child | | | | | Total |
|--------------------------------------|--------------|-----------------|---------------|----------------|-----------------|-------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Powell River General Hospital | | | | | | |
| Dentistry | | | 3 | 5 | 4 | 12 |
| General Surgery | | | 3 | 9 | 4 | 16 |
| Gynaecology | | | | | 2 | 2 |
| Richmond Hospital | | | | | | |
| Anaesthesiology | | | | 1 | 1 | 2 |
| General Surgery | | | 2 | 11 | 9 | 22 |
| Gynaecology | | | | 1 | 2 | 3 |
| Orthopaedic Surgery | | | 6 | 20 | 25 | 51 |
| Otolaryngology | | | 12 | 33 | 7 | 52 |
| Plastic Surgery | | | 1 | 4 | 6 | 11 |
| Urology | | | 7 | 17 | 4 | 28 |
| Sechelt Hospital | | | | | | |
| Dentistry | | | 5 | 3 | 1 | 9 |
| General Surgery | | | | 5 | 10 | 15 |
| Gynaecology | | | | 1 | 3 | 4 |
| Radiology | | | | | 1 | 1 |
| Urology | | | | 2 | | 2 |
| Squamish General Hospital | | | | | | |
| Dentistry | | | 22 | 12 | 2 | 36 |
| Orthopaedic Surgery | | | | 1 | 18 | 19 |
| Otolaryngology | | | 4 | 8 | | 12 |
| Plastic Surgery | | | | 1 | 1 | 2 |
| St. Paul's Hospital | | | | | | |
| General Surgery | | | | | 2 | 2 |
| Gynaecology | | | | | 1 | 1 |
| Orthopaedic Surgery | | | | 4 | 20 | 24 |
| Otolaryngology | | | | 2 | 4 | 6 |
| Plastic Surgery | | | | | 8 | 8 |
| Radiology | | | | | 2 | 2 |
| UBC Health Sciences Centre | | | | | | |
| Cardiac/Thoracic Surgery | | | | | 1 | 1 |
| Ophthalmology | | | | | 1 | 1 |
| Oral Surgery | | | | | 21 | 21 |
| Orthopaedic Surgery | | | | 1 | 46 | 47 |
| Otolaryngology | | | | | 10 | 10 |
| Plastic Surgery | | | | 1 | 4 | 5 |
| Radiology | | | | | 5 | 5 |
| Urology | | | | | 1 | 1 |
| Vancouver General Hospital | | | | | | |
| Cardiac/Thoracic Surgery | | | | | 4 | 4 |
| General Surgery | | | | 2 | 5 | 7 |
| Gynaecology | | | | | 2 | 2 |
| Neurosurgery | | | | | 3 | 3 |
| Ophthalmology | | | | 11 | 19 | 30 |
| Orthopaedic Surgery | | | | | 15 | 15 |
| Plastic Surgery | | | | | 5 | 5 |
| Radiology | | | 1 | 3 | 12 | 16 |
| Urology | | | 2 | 2 | 3 | 7 |

| Procedure MD | Age of Child | | | | | Total |
|--|--------------|-----------------|---------------|----------------|-----------------|--------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Vancouver Island HA | 105 | 236 | 1,410 | 1,412 | 645 | 3,808 |
| Campbell River Hospital | | | | | | |
| Dentistry | | | | 2 | 8 | 10 |
| General Surgery | | | 4 | 8 | 6 | 18 |
| Gynaecology | | | | | 1 | 1 |
| Oral Surgery | | | 6 | 9 | 10 | 25 |
| Orthopaedic Surgery | | | 1 | 21 | 22 | 44 |
| Otolaryngology | | 5 | 29 | 46 | 14 | 94 |
| Plastic Surgery | | | 7 | 17 | 6 | 30 |
| Urology | | | 2 | 3 | 1 | 6 |
| Cowichan District Hospital | | | | | | |
| Dentistry | | 2 | 82 | 23 | 8 | 115 |
| General Surgery | | | | 19 | 13 | 32 |
| Gynaecology | | | | 2 | | 2 |
| Ophthalmology | | | | 1 | | 1 |
| Oral Surgery | | | | 7 | 3 | 10 |
| Orthopaedic Surgery | | 1 | 10 | 34 | 30 | 75 |
| Otolaryngology | | 2 | 53 | 50 | 12 | 117 |
| Plastic Surgery | | | | 2 | 3 | 5 |
| Radiology | | | | 1 | | 1 |
| Urology | | | 4 | 6 | 4 | 14 |
| Nanaimo Regional General Hospital | | | | | | |
| Anaesthesiology | 1 | | | | 2 | 3 |
| Dentistry | | 18 | 290 | 153 | 4 | 465 |
| General Surgery | | | 1 | 25 | 18 | 44 |
| Gynaecology | | | 1 | 1 | 3 | 5 |
| Ophthalmology | | 1 | 5 | 5 | 1 | 12 |
| Oral Surgery | | | 2 | 13 | 21 | 36 |
| Orthopaedic Surgery | | 1 | 24 | 19 | 31 | 75 |
| Otolaryngology | | 6 | 82 | 100 | 10 | 198 |
| Plastic Surgery | | | 6 | 18 | 16 | 40 |
| Radiology | | | | 2 | | 2 |
| Urology | | | 1 | 6 | 5 | 12 |
| Royal Jubilee Hospital | | | | | | |
| General Surgery | | | | | 3 | 3 |
| Ophthalmology | | | | 3 | 3 | 6 |
| Orthopaedic Surgery | | | | 1 | 9 | 10 |
| Otolaryngology | | | | | 1 | 1 |
| Plastic Surgery | | | | 9 | 33 | 42 |
| Radiology | | | | | 1 | 1 |
| Urology | | | | | 1 | 1 |
| Saanich Peninsula Hospital | | | | | | |
| Dentistry | | | 114 | 59 | 5 | 178 |
| Gynaecology | | | | | 1 | 1 |
| Orthopaedic Surgery | | | 1 | 9 | 14 | 24 |
| Plastic Surgery | | | | 1 | 1 | 2 |
| St. Joseph's General Hospital | | | | | | |
| Anaesthesiology | | | | | 1 | 1 |
| Dentistry | | | 35 | 15 | 5 | 55 |
| General Surgery | | | 2 | 8 | 8 | 18 |
| Gynaecology | | | 1 | | 2 | 3 |
| Ophthalmology | | | 3 | 4 | | 7 |
| Orthopaedic Surgery | | 1 | 3 | 16 | 10 | 30 |
| Otolaryngology | | | 29 | 37 | 13 | 79 |
| Radiology | | | 2 | | | 2 |
| Urology | | | 2 | 5 | 4 | 11 |

| Procedure MD | Age of Child | | | | | Total |
|---|--------------|-----------------|---------------|----------------|-----------------|--------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Victoria General Hospital | | | | | | |
| Dentistry | | 10 | 101 | 49 | 8 | 168 |
| General Surgery | 74 | 59 | 108 | 144 | 59 | 444 |
| Gynaecology | | | | 9 | 5 | 14 |
| Neurosurgery | | | | | 1 | 1 |
| Ophthalmology | 3 | 17 | 57 | 27 | 4 | 108 |
| Oral Surgery | | 1 | 16 | 11 | 5 | 33 |
| Orthopaedic Surgery | | 8 | 39 | 128 | 111 | 286 |
| Otolaryngology | 9 | 60 | 211 | 186 | 41 | 507 |
| Plastic Surgery | 3 | 19 | 22 | 30 | 9 | 83 |
| Radiology | 10 | 13 | 12 | 21 | 9 | 65 |
| Urology | 5 | 12 | 37 | 32 | 20 | 106 |
| West Coast General Hospital | | | | | | |
| General Surgery | | | 1 | 10 | 5 | 16 |
| Urology | | | 4 | 5 | 1 | 10 |
| Northern HA | 4 | 43 | 674 | 679 | 279 | 1,679 |
| Bulkley Valley District Hospital | | | | | | |
| Dentistry | | | 7 | 7 | | 14 |
| General Surgery | | | | 3 | 5 | 8 |
| Orthopaedic Surgery | | | 1 | | 1 | 2 |
| Otolaryngology | | 1 | 4 | 3 | | 8 |
| Urology | | | | | 1 | 1 |
| Dawson Creek & District Hospital | | | | | | |
| Dentistry | | 1 | 31 | 17 | 3 | 52 |
| General Surgery | | | 8 | 22 | 9 | 39 |
| Gynaecology | | | | 2 | 5 | 7 |
| Orthopaedic Surgery | | 1 | 5 | 14 | 12 | 32 |
| Radiology | | | | 1 | | 1 |
| Urology | | | 1 | | | 1 |
| Fort Nelson General Hospital | | | | | | |
| Otolaryngology | | | 3 | 5 | | 8 |
| Fort St. John General Hospital | | | | | | |
| Dentistry | | | 35 | 7 | | 42 |
| General Surgery | | | 12 | 14 | 6 | 32 |
| Gynaecology | | | | 1 | | 1 |
| Ophthalmology | | | 4 | 3 | 3 | 10 |
| Orthopaedic Surgery | | | 1 | | 3 | 4 |
| Otolaryngology | | | | 5 | 1 | 6 |
| G.R. Baker Memorial Hospital | | | | | | |
| Dentistry | | | 66 | 22 | 6 | 94 |
| General Surgery | | | | 2 | | 2 |
| Orthopaedic Surgery | | | | | 6 | 6 |
| Otolaryngology | | | 34 | 51 | 6 | 91 |
| Plastic Surgery | | | | | 3 | 3 |
| Radiology | | | 1 | | | 1 |
| Kitimat General Hospital | | | | | | |
| Anaesthesiology | | | 1 | | | 1 |
| Dentistry | | | 23 | 27 | | 50 |
| General Surgery | | 1 | | 1 | 6 | 8 |
| Orthopaedic Surgery | | | 7 | 24 | 10 | 41 |
| Otolaryngology | | | 3 | 9 | 1 | 13 |
| Urology | | | | 1 | | 1 |

| Procedure MD | Age of Child | | | | | Total |
|--|--------------|-----------------|---------------|----------------|-----------------|---------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| Mills Memorial Hospital | | | | | | |
| Dentistry | | 5 | 79 | 44 | 5 | 133 |
| General Surgery | | 3 | 2 | 6 | 16 | 27 |
| Gynaecology | | | | 2 | 3 | 5 |
| Ophthalmology | | | 1 | 1 | | 2 |
| Otolaryngology | | 8 | 34 | 36 | 2 | 80 |
| Radiology | | | 1 | 1 | 1 | 3 |
| Urology | | | 3 | 8 | 2 | 13 |
| Prince George Regional Hospital | | | | | | |
| Anaesthesiology | 1 | | | 3 | 2 | 6 |
| Dentistry | | | 55 | 38 | 4 | 97 |
| General Surgery | 3 | 8 | 10 | 25 | 20 | 66 |
| Gynaecology | | 1 | | 4 | 4 | 9 |
| Ophthalmology | | 2 | 3 | 1 | | 6 |
| Oral Surgery | | 3 | 3 | 17 | 3 | 26 |
| Orthopaedic Surgery | | 2 | 14 | 59 | 67 | 142 |
| Otolaryngology | | 3 | 10 | 5 | 4 | 22 |
| Plastic Surgery | | | 10 | 11 | 7 | 28 |
| Radiology | | | | 2 | 8 | 10 |
| Urology | | 2 | 7 | 9 | 4 | 22 |
| Prince Rupert Regional Hospital | | | | | | |
| Dentistry | | | 60 | 23 | 3 | 86 |
| General Surgery | | | 3 | 14 | 7 | 24 |
| Gynaecology | | | 1 | 3 | 2 | 6 |
| Orthopaedic Surgery | | | 6 | 18 | 16 | 40 |
| Otolaryngology | | 1 | 10 | 11 | 2 | 24 |
| Plastic Surgery | | | 1 | 2 | | 3 |
| St. John's Hospital | | | | | | |
| Dentistry | | | 36 | 19 | 1 | 56 |
| Orthopaedic Surgery | | | | 1 | 4 | 5 |
| Otolaryngology | | | 22 | 35 | 3 | 60 |
| Wrinch Memorial Hospital | | | | | | |
| Dentistry | | 1 | 54 | 34 | | 89 |
| Otolaryngology | | | 2 | 6 | 2 | 10 |
| PHSA HA | 1,095 | 1,272 | 3,581 | 3,226 | 1,040 | 10,213 |
| B.C. Children's Hospital | | | | | | |
| Anaesthesiology | 2 | 4 | 1 | 9 | 28 | 44 |
| Cardiac/Thoracic Surgery | 178 | 75 | 53 | 38 | 25 | 369 |
| Dentistry | 12 | 59 | 1,373 | 651 | 59 | 2,155 |
| General Surgery | 155 | 180 | 310 | 309 | 156 | 1,110 |
| Gynaecology | | | 3 | 12 | 7 | 22 |
| Neurosurgery | 33 | 30 | 51 | 83 | 32 | 229 |
| Ophthalmology | 32 | 165 | 326 | 285 | 50 | 858 |
| Oral Surgery | | | 9 | 77 | 30 | 116 |
| Orthopaedic Surgery | 13 | 29 | 166 | 525 | 296 | 1,029 |
| Otolaryngology | 26 | 102 | 346 | 393 | 84 | 951 |
| Plastic Surgery | 46 | 119 | 141 | 165 | 64 | 535 |
| Radiology | 215 | 309 | 559 | 417 | 153 | 1,653 |
| Urology | 15 | 200 | 243 | 260 | 51 | 769 |

| Procedure MD | Age of Child | | | | | Total |
|------------------------------------|--------------|-----------------|---------------|----------------|-----------------|---------------|
| | < 6 mos | 6 mos - 1.9 Yrs | 2.0 - 5.9 Yrs | 6.0 - 13.9 Yrs | 14.0 - 16.9 Yrs | |
| B.C. Women's Hospital | | | | | | |
| Cardiac/Thoracic Surgery | 19 | | | | | 19 |
| General Surgery | 153 | | | | | 153 |
| Gynaecology | 2 | | | 2 | 4 | 8 |
| Neurosurgery | 14 | | | | | 14 |
| Ophthalmology | 9 | | | | | 9 |
| Orthopaedic Surgery | 1 | | | | | 1 |
| Otolaryngology | 18 | | | | | 18 |
| Plastic Surgery | 2 | | | | | 2 |
| Radiology | 141 | | | | | 141 |
| Urology | 9 | | | | | 9 |
| Total Surgical Procedures | 1,221 | 1,700 | 7,680 | 8,292 | 3,719 | 22,613 |
| % Total Surgical Procedures | 5% | 8% | 34% | 37% | 16% | 100% |

Appendix 4: Surgical Procedures, Children Ages 0 – 16.9 Yrs, by HA of Treating Hospital & Child's Home Residence

- Includes children ages 0 - 16.9 years. Source is the BC MoH Discharge Abstract Database
- Procedures by procedural physician regardless of most responsible physician (MRP). Includes children in NICUs, PICUs, med/surg units and day care settings.
- Surgical procedures are assigned to the surgical specialty of the procedural physician. For example, if a general surgeon performed a thoracic procedure, the procedure is assigned to general surgery (not thoracic surgery).

| Procedure MD | HA of Treating Hospital | Child's Home Residence | | | | | | | |
|--------------------------|-------------------------|------------------------|----------------|----------------|----------------|---------------|-------------------|------------|-------------------|
| | | Interior | Fraser | Van Coastal | Van Island | Northern | Total, excl Other | Other | Total, incl Other |
| Pop'n, 0 - 16.9 Yrs | | 115,792 | 329,166 | 165,236 | 116,317 | 58,442 | 784,953 | | |
| Anaesthe-siology | Interior | 3 | | | | | 3 | | 3 |
| | Fraser | | 1 | 1 | 1 | | 3 | | 3 |
| | Vancouver Coastal | | | 4 | | | 4 | | 4 |
| | PHSA | 2 | 26 | 11 | 2 | 1 | 42 | 2 | 44 |
| | Vancouver Island | | | | 4 | | 4 | | 4 |
| | Northern | | | | | 7 | 7 | | 7 |
| | Total | 5 | 27 | 16 | 7 | 8 | 63 | 2 | 65 |
| | % treated in home HA | 60% | 4% | 94% | 57% | 88% | 48% | | |
| Per 1,000 pop'n children | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | |
| Cardiac/Thoracic Surgery | Interior | 3 | | | | | 3 | | 3 |
| | Fraser | | 5 | | | | 5 | | 5 |
| | Vancouver Coastal | | 2 | 3 | | | 5 | | 5 |
| | PHSA | 40 | 131 | 72 | 51 | 34 | 328 | 60 | 388 |
| | Vancouver Island | | | | | | 0 | | 0 |
| | Northern | | | | | | 0 | | 0 |
| | Total | 43 | 138 | 75 | 51 | 34 | 341 | 60 | 401 |
| | % treated in home HA | 7% | 4% | 100% | 0% | 0% | 24% | | |
| Per 1,000 pop'n children | 0.4 | 0.4 | 0.5 | 0.4 | 0.6 | 0.4 | | | |
| Dentistry | Interior | 685 | | 4 | | 2 | 691 | 2 | 693 |
| | Fraser | 1 | 229 | 4 | | 1 | 235 | | 235 |
| | Vancouver Coastal | | | 55 | 2 | | 57 | | 57 |
| | PHSA | 31 | 1085 | 424 | 42 | 23 | 1605 | 549 | 2,154 |
| | Vancouver Island | 1 | 2 | 4 | 983 | 1 | 991 | | 991 |
| | Northern | 37 | | 5 | 1 | 667 | 710 | 3 | 713 |
| | Total | 755 | 1,316 | 496 | 1,028 | 694 | 4,289 | 554 | 4,843 |
| | % treated in home HA | 91% | 17% | 97% | 96% | 96% | 71% | | |
| Per 1,000 pop'n children | 6.5 | 4.0 | 3.0 | 8.8 | 11.9 | 5.5 | | | |
| General Surgery | Interior | 251 | 4 | 3 | 1 | 2 | 261 | 11 | 272 |
| | Fraser | | 304 | 7 | 1 | | 312 | 3 | 315 |
| | Vancouver Coastal | | 8 | 124 | 1 | 2 | 135 | 2 | 137 |
| | PHSA | 136 | 587 | 378 | 78 | 60 | 1239 | 24 | 1,263 |
| | Vancouver Island | | 3 | 1 | 564 | | 568 | 7 | 575 |
| | Northern | 1 | | | | 203 | 204 | 2 | 206 |
| | Total | 388 | 906 | 513 | 645 | 267 | 2,719 | 49 | 2,768 |
| | % treated in home HA | 65% | 34% | 98% | 87% | 76% | 67% | | |
| Per 1,000 pop'n children | 3.4 | 2.8 | 3.1 | 5.5 | 4.6 | 3.5 | | | |
| Gynaecology | Interior | 44 | | | | 1 | 45 | | 45 |
| | Fraser | 1 | 19 | | | | 20 | | 20 |
| | Vancouver Coastal | | 5 | 12 | | | 17 | | 17 |
| | PHSA | 2 | 21 | 7 | | | 30 | | 30 |
| | Vancouver Island | 1 | | | 25 | | 26 | | 26 |
| | Northern | | | | | 27 | 27 | 1 | 28 |
| | Total | 48 | 45 | 19 | 25 | 28 | 165 | 1 | 166 |
| | % treated in home HA | 92% | 42% | 100% | 100% | 96% | 81% | | |
| Per 1,000 pop'n children | 0.4 | 0.1 | 0.1 | 0.2 | 0.5 | 0.2 | | | |

| Procedure MD | HA of Treating Hospital | Child's Home Residence | | | | | | | Other | Total, incl Other |
|--------------------------|-------------------------|------------------------|--------------|-------------|--------------|------------|-------------------|-----------|--------------|-------------------|
| | | Interior | Fraser | Van Coastal | Van Island | Northern | Total, excl Other | | | |
| Neuro-surgery | Interior | 4 | | | | | 4 | | 4 | |
| | Fraser | | 1 | | | | 1 | | 1 | |
| | Vancouver Coastal | | 1 | 2 | | | 3 | | 3 | |
| | PHSA | 36 | 91 | 59 | 30 | 20 | 236 | 7 | 243 | |
| | Vancouver Island | | | | 1 | | 1 | | 1 | |
| | Northern | | | | | | 0 | | 0 | |
| | Total | 40 | 93 | 61 | 31 | 20 | 245 | 7 | 252 | |
| | % treated in home HA | 10% | 1% | 100% | 3% | 0% | 27% | | | |
| Per 1,000 pop'n children | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | | | | |
| Ophthalmology | Interior | 55 | | | | | 55 | | 55 | |
| | Fraser | | 23 | | | | 23 | | 23 | |
| | Vancouver Coastal | 7 | 10 | 11 | 5 | 1 | 34 | 1 | 35 | |
| | PHSA | 58 | 481 | 229 | 49 | 29 | 846 | 21 | 867 | |
| | Vancouver Island | | | | 133 | | 133 | 1 | 134 | |
| | Northern | | | | | 18 | 18 | | 18 | |
| | Total | 120 | 514 | 240 | 187 | 48 | 1,109 | 23 | 1,132 | |
| | % treated in home HA | 46% | 4% | 100% | 71% | 38% | 42% | | | |
| Per 1,000 pop'n children | 1.0 | 1.6 | 1.5 | 1.6 | 0.8 | 1.4 | | | | |
| Oral Surgery | Interior | 13 | | | | | 13 | | 13 | |
| | Fraser | 1 | 125 | 9 | 1 | 6 | 142 | | 142 | |
| | Vancouver Coastal | 1 | 14 | 6 | 1 | 1 | 23 | | 23 | |
| | PHSA | 7 | 59 | 42 | 3 | 2 | 113 | 3 | 116 | |
| | Vancouver Island | | | 3 | 101 | | 104 | | 104 | |
| | Northern | | | | | 26 | 26 | | 26 | |
| | Total | 22 | 198 | 60 | 106 | 35 | 421 | 3 | 424 | |
| | % treated in home HA | 59% | 63% | 80% | 95% | 74% | 74% | | | |
| Per 1,000 pop'n children | 0.2 | 0.6 | 0.4 | 0.9 | 0.6 | 0.5 | | | | |
| Orthopaedic Surgery | Interior | 511 | 10 | 7 | 3 | 3 | 534 | 26 | 560 | |
| | Fraser | 2 | 604 | 21 | 1 | 1 | 629 | 13 | 642 | |
| | Vancouver Coastal | 5 | 63 | 170 | 4 | 6 | 248 | 13 | 261 | |
| | PHSA | 94 | 476 | 316 | 68 | 55 | 1009 | 21 | 1,030 | |
| | Vancouver Island | 2 | 3 | 7 | 527 | | 539 | 5 | 544 | |
| | Northern | 5 | | 1 | 1 | 261 | 268 | 4 | 272 | |
| | Total | 619 | 1,156 | 522 | 604 | 326 | 3,227 | 82 | 3,309 | |
| | % treated in home HA | 83% | 52% | 93% | 87% | 80% | 74% | | | |
| Per 1,000 pop'n children | 5.3 | 3.5 | 3.2 | 5.2 | 5.6 | 4.1 | | | | |
| Otolaryngology | Interior | 1031 | 5 | 2 | 1 | 6 | 1045 | 5 | 1,050 | |
| | Fraser | 6 | 1212 | 82 | 3 | 4 | 1307 | 5 | 1,312 | |
| | Vancouver Coastal | | 38 | 158 | 1 | 1 | 198 | | 198 | |
| | PHSA | 69 | 423 | 345 | 52 | 66 | 955 | 14 | 969 | |
| | Vancouver Island | | | 8 | 987 | 1 | 996 | | 996 | |
| | Northern | 27 | | | | 294 | 321 | 1 | 322 | |
| | Total | 1,133 | 1,678 | 595 | 1,044 | 372 | 4,822 | 25 | 4,847 | |
| | % treated in home HA | 91% | 72% | 85% | 95% | 79% | 84% | | | |
| Per 1,000 pop'n children | 9.8 | 5.1 | 3.6 | 9.0 | 6.4 | 6.1 | | | | |
| Plastic Surgery | Interior | 146 | 2 | | | 1 | 149 | 5 | 154 | |
| | Fraser | 1 | 112 | 7 | | | 120 | | 120 | |
| | Vancouver Coastal | | 6 | 35 | 1 | 1 | 43 | | 43 | |
| | PHSA | 53 | 263 | 138 | 28 | 42 | 524 | 13 | 537 | |
| | Vancouver Island | | 1 | 2 | 194 | 1 | 198 | 4 | 202 | |
| | Northern | 1 | | | | 33 | 34 | | 34 | |
| | Total | 201 | 384 | 182 | 223 | 78 | 1,068 | 22 | 1,090 | |
| | % treated in home HA | 73% | 29% | 95% | 87% | 42% | 62% | | | |
| Per 1,000 pop'n children | 1.7 | 1.2 | 1.1 | 1.9 | 1.3 | 1.4 | | | | |

| Procedure MD | HA of Treating Hospital | Child's Home Residence | | | | | | | Total, incl Other | |
|--------------------------|-------------------------|------------------------|--------------|--------------|--------------|--------------|-------------------|---------------|-------------------|---------------|
| | | Interior | Fraser | Van Coastal | Van Island | Northern | Total, excl Other | Other | | |
| Radiology | Interior | 51 | 1 | | | | | 52 | | 52 |
| | Fraser | | 14 | 1 | | | | 15 | 1 | 16 |
| | Vancouver Coastal | 3 | 8 | 9 | 6 | 3 | | 29 | 1 | 30 |
| | PHSA | 267 | 820 | 421 | 144 | 109 | | 1761 | 33 | 1,794 |
| | Vancouver Island | | | | 70 | | | 70 | 1 | 71 |
| | Northern | | | | | 13 | | 13 | 2 | 15 |
| | Total | 321 | 843 | 431 | 220 | 125 | | 1,940 | 38 | 1,978 |
| | % treated in home HA | 16% | 2% | 100% | 32% | 10% | | 30% | | |
| Per 1,000 pop'n children | 2.8 | 2.6 | 2.6 | 1.9 | 2.1 | | 2.5 | | | |
| Urology | Interior | 149 | 1 | | | | | 150 | | 150 |
| | Fraser | 1 | 154 | 3 | 2 | | | 160 | | 160 |
| | Vancouver Coastal | 2 | 22 | 24 | 1 | | | 49 | 3 | 52 |
| | PHSA | 64 | 373 | 243 | 42 | 45 | | 767 | 11 | 778 |
| | Vancouver Island | | | 2 | 158 | | | 160 | | 160 |
| | Northern | | | | | 38 | | 38 | | 38 |
| | Total | 216 | 550 | 272 | 203 | 83 | | 1,324 | 14 | 1,338 |
| | % treated in home HA | 69% | 28% | 98% | 78% | 46% | | 58% | | |
| Per 1,000 pop'n children | 1.9 | 1.7 | 1.6 | 1.7 | 1.4 | | 1.7 | | | |
| All Procedures | Interior | 2,946 | 23 | 16 | 5 | 15 | | 3005 | 49 | 3,054 |
| | Fraser | 13 | 2,803 | 135 | 9 | 12 | | 2972 | 22 | 2,994 |
| | Vancouver Coastal | 18 | 177 | 613 | 22 | 15 | | 845 | 20 | 865 |
| | PHSA | 859 | 4,836 | 2,685 | 589 | 486 | | 9455 | 758 | 10,213 |
| | Vancouver Island | 4 | 9 | 27 | 3,747 | 3 | | 3790 | 18 | 3,808 |
| | Northern | 71 | 0 | 6 | 2 | 1,587 | | 1666 | 13 | 1,679 |
| | Total | 3,911 | 7,848 | 3,482 | 4,374 | 2,118 | | 21,733 | 880 | 22,613 |
| | % treated in home HA | 75% | 36% | 95% | 86% | 75% | | 66% | | |
| Per 1,000 pop'n children | 33.8 | 23.8 | 21.1 | 37.6 | 36.2 | | 27.7 | | | |

Appendix 5: HA Operated Pediatric Inpatient Beds in BC

| HA | Hospital | General Pediatric Beds | Pediatric Observation Beds | Ped ICU Beds ⁱⁱ | Child & Youth MH Beds | Youth SU Beds ⁱⁱⁱ | Total Ped Beds | NICU Beds |
|--------------|--|------------------------|----------------------------|----------------------------|-----------------------|------------------------------|------------------|-----------------|
| IHA | Kelowna General | 10 | | | 8 | | 18 | 12 |
| | Kootenay Boundary (Trail) | 4 | | | | | 4 | |
| | Penticton Regional | 11 | | | | | 11 | |
| | East Kootenay (Cranbrook) | 2 | | | | | 2 | |
| | Vernon | 5 | | | | | 5 | |
| | Royal Inland | 9 | | | 2 | | 11 | 8 |
| | Ashnola (Keremeos) | | | | | | 22 ^{iv} | 22 |
| FHA | Abbotsford Regional | 12 | | | | | 12 | 10 |
| | Langley Memorial | 9 | | | | | 9 | |
| | Chilliwack General | | 4 | | | | 4 | |
| | Royal Columbian | 12 | | | | | 12 | 24 |
| | Ridge Meadows | | 4 | | | | 4 | |
| | Surrey Memorial | 16 | | | 20 | | 36 | 28 ^v |
| | Burnaby | | | | | | | 8 |
| | Creekside Withdrawal Management Centre | | | | | 6 | 6 | |
| VCH | Last Door Recovery Centre | | | | | 10 ^{vi} | 10 | |
| | Lions Gate & Carlile Centre | 10 | | | 10 | | 20 | 9 |
| | Richmond | | 4 | | | | 4 | 6 |
| | St Paul's | | | | | | | 9 |
| | Peak House | | | | | 8 | 8 | |
| Island H | Young Bears Lodge | | | | | 5 | 5 | |
| | Nanaimo Regional | 8 | | | | | 8 | 9 |
| | St Joseph's General | 4 | | | | | 4 | |
| | Victoria General | 16 | | 5 | | | 21 | 22 |
| | Cowichan District (Duncan) | 4 | | | | | 4 | |
| | Campbell River | 1 | | | | | 1 | |
| NHA | Ledger House | | | | 14 ^{vii} | | 14 | |
| | University Hospital of Northern B.C. | 12 ^{viii} | | | 6 | | 18 | 9 |
| | Nechako Centre | | | | | 8 ^{ix} | | |
| PHSA | B.C. Children's Hospital | 97 | | 22 | 54 ^x | | 173 | |
| | BC Women's | | | | | | | 60 |
| TOTAL | | 242 | 12 | 27 | 114 | 59 | 446 | 214 |

Source: Survey of health planners & ED working group in each HA and internet.

Note: Several hospitals in BC do not have dedicated pediatric beds but admit children to beds on an adult inpatient unit(s). These hospitals are not included on the list above.

ⁱⁱ Beds have the capacity for invasive monitoring, inotropic drugs and mechanical ventilation.

ⁱⁱⁱ Excludes beds in home-based settings.

^{iv} Includes beds for ages 17 - 24.

^v Plan to increase to 48 beds in the future.

^{vi} Contracted beds and number of beds fluctuates.

^{vii} 14 beds: 5 child, 6 youth & 3 special care beds.

^{viii} 4 beds have the capacity for more intensive monitoring, up to and including continuous cardiorespiratory monitoring.

^{ix} Includes 1 detox bed.

^x Includes 14 beds at Looking Glass (up to age 24), a residential eating disorders program operated by PHSA (BC Mental Health & Substance Use Services and BCCH) in collaboration with the Looking Glass Foundation.