

SETTING
THE STAGE

CHILDREN'S EMERGENCY DEPARTMENT SERVICES

JULY 2020

Children’s Emergency Department Services: Setting the Stage for Tiers Development

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HOW TO CITE THE CHILDREN’S EMERGENCY DEPARTMENT 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 Emergency Department Services: Setting the Stage for Tiers Development

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

1. Setting the Stage for Tiers Development (provides the context) (**this document**)
2. Tiers in Brief to Support System Planning (high-level description of the tiers, including responsibilities and requirements)
3. Tiers in Full to Support Operational Planning (detailed description of the responsibilities and requirements at each tier)

1.0 Providers of Children's ED Services

Children's ED services are provided by an interdisciplinary team which includes physicians/nurse practitioners, nurses, allied health and other health care team members.

In BC, physicians that work in EDs have one of three types of qualifications:

1. Royal College of Physicians and Surgeons of Canada (RCPSC)-certified.
 - a) Emergency Medicine specialists (FRCP(EM))
 - Physicians that have completed a 5 year post-graduate Emergency Medicine residency and RCPSC Emergency Medicine examination.
 - Pediatrics is a core component of all Emergency Medicine residency programs.
 - b) Pediatric Emergency Medicine specialists (FRCP(PEM))
 - FRCP-certified specialists in Pediatrics or Emergency Medicine that have completed an additional fellowship in Pediatric Emergency Medicine and the RCPS Pediatric Emergency Medicine examination.
2. Canadian College of Family Physician-certified (CCFP(EM))
 - Physicians that have completed a one-year post-graduate Emergency Medicine fellowship after a two-year Family Medicine residency. Must also have completed the CCFP(EM) examination.
3. Family physicians
 - Smaller rural and community hospitals may be staffed by family physicians who work in the ED on a part-time rotating basis.
 - Basic experience is a core component of family medicine training.

2.0 The Population

Over 800,000 children ages 0-16.9 years live in BC, making up 16% of the population. The highest number is in the FHA (340,622) and the highest percentage of children to total population is in the NHA (20%). See Table 1.

Table 1: Population, 0 – 16.9 Years & Total Population, by HA (2018 Estimates, PEOPLE 2020, bcstats.ca)

| HA | Age | | | | | Total, all Ages | % 0 - 16.9 Yrs within HA | % 0 - 16.9 Yrs within BC |
|---------------------------|---------------|---------------|----------------|----------------|-----------------|--------------------|-----------------------------------|--------------------------------|
| | <1 | 1-1.9 | 2-13.9 | 14-16.9 | Total 0-16.9 | | | |
| Interior | 6,391 | 6,376 | 86,765 | 22,391 | 121,923 | 789,223 | 15% | 15% |
| Fraser | 17,892 | 18,707 | 241,259 | 62,764 | 340,622 | 1,860,798 | 18% | 42% |
| Vancouver Coastal | 9,960 | 9,949 | 114,365 | 31,576 | 165,850 | 1,210,891 | 14% | 20% |
| Vancouver Island | 6,475 | 6,683 | 88,237 | 23,035 | 124,430 | 835,871 | 15% | 15% |
| Northern | 3,466 | 3,594 | 42,533 | 10,125 | 59,718 | 294,904 | 20% | 7% |
| Total | 44,184 | 45,309 | 573,159 | 149,891 | 812,543 | 4,991,687 | 16% | 100% |
| % Total 0-16.9 Yrs | 6% | 6% | 70% | 18% | 100% | | | |

3.0 Utilization of ED Services by BC Children

Two sources of provincial-level data were used to describe the utilization of ED services by children. Unfortunately both sources have limitations:

1. National Ambulatory Care Report System (NACRS): ED data collected via NACRS is available at 29 sites in BC (2018/19). These 29 sites represent 27% of the EDs in B.C. and 68% of the total ED visits (many of the NACRS sites are the higher volume EDs). The NACRS provides patient and aggregate level data (including a breakdown of several variables by age).
2. Health Authority Management Information System (HAMIS): HAMIS data has been collected for several years but only provides aggregate-level data on total visits.

Highlights of the data are provided in the next section. Detailed data and a visual representation (map) are available in Appendices 1 - 3.

3.1 Pediatric ED Visits & Visit Rates

In 2018/19, there were approximately 2.4 million visits to EDs in B.C. hospitals (HAMIS data). Percentages from the 2018/19 NACRS data were applied to the 2018/19 BC ED visit data to help understand the utilization of EDs by children ages 0 – 16.9.

The HAMIS/NACRS data suggests:

- There are an estimated 369,049 pediatric visits (children ages 0 - 16.9 years) to BC EDs each year (~1,000 visits per day). This represents 15% of total ED visits. See Table 2 for HA level data and Appendix 3 for hospital-level data on total ED and pediatric ED visits.
- The pediatric ED visit rate averages 454 visits per 1,000 children per year in BC. It ranges from 343 per 1,000 in the Fraser Health Authority (FHA) to 689 in the Northern Health Authority (NHA). See Table 2, including notes 3 and 4.

Table 2: Total ED and Estimated Pediatric ED Visits (2018/19)

| HA | Total ED Visits (Adults & Children) | Pediatric ED Visits (Est.) | % Pediatric ED Visits/Tot ED Visits | % Provincial Pediatric ED Visits | Population 0-16.9 years | Pediatric ED Visits (Est.)/1,000 Population Aged 0 – 16.9 years (HA) | Pediatric ED Visits (Est.)/1,000 Population Ages 0 – 16.9 years (HSDA) |
|--------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------------|-------------------------|--|--|
| IHA | 515,737 | 74,830 | 14.5% | 20.3% | 121,923 | 614 | EK: 831 KB: 783 OK: 470 TCS: 702 |
| FHA | 735,086 | 116,788 | 15.9% | 31.6% | 340,622 | 343 ^{Note 3} | FE: 407 FS: 358 FN: 285 |
| VCH | 446,759 | 32,136 | 7.2% | 8.7% | 165,850 | 489 ^{Note 3} | NS-Coast G: 417 Richmond: 208 ^{Note 3} Van: 642 ^{Note 3} |
| BCCH | 49,647 | 48,927 | 98.5% | 13.3% | | | |
| VIHA | 421,715 | 55,214 | 13.1% | 15.0% | 124,430 | 444 | NVI: 507 CVI: 578 SVI: 322 |
| NHA | 275,891 | 41,153 | 14.9% | 11.2% | 59,718 | 689 | NE: 599 NI: 565 NW: 1,031 |
| Total | 2,444,835 | 369,049 | 15.1% | 100.0% | 812,543 | 454 | 454 |

Notes re Table 2:

1. Total ED visits (adults and children) were based on 2018/19 HAMIS data.
2. Estimated pediatric ED visits were based on 2018/19 NACRS data for sites where NACRS data was available. Where NACRS data was not available, the provincial average of 15% (excludes “outlier sites” as listed in Appendix 3) of total ED visits was utilized.
3. VCH and BCCH visit data was combined to determine the VCH pediatric visit rate. Given the provincial role of BCCH and the fact that a significant number of children from FHA also present to BCCH, the VCH visit rate is likely overstated and the FHA rate understated. At an HSDA level, the BCCH visits were assumed to be from Vancouver. This likely overstates the Vancouver visit rate and understates the rates from Richmond, Coastal and FHA Health Service Delivery Areas (especially Fraser North as it is closest to BCCH).
4. Estimated pediatric ED visits/1,000 population is significantly higher in areas outside the Lower Mainland and Victoria. This may reflect limitations in alternative options for obtaining medical care.
5. Population estimates were based on B.C. statistics from BC Stats for 2018.

Considering future population growth, these figures are expected to increase by about 5% in the next 10 years. The predicted future rise in the number of ED visits may also be impacted by changes such as the availability of primary care services and the public’s perception of the ability to obtain an assessment and diagnosis in the community within an appropriate time frame. These factors have historically increased the rate of ED visits faster than the rate of population growth.

3.2 Ages & Disposition of Children Utilizing ED Services

The highest proportion of pediatric ED visits was comprised of children ages 1 - 4 years of age (33% of the total child visits). See Table 3.

Of the pediatric visits, 91% were discharged home and 4.4% were admitted to hospital. A few were transferred to other hospitals for admission and/or left without being seen/treated.

Table 3: Ages of Pediatric ED Visits (NACRS data, 2018/19)

| Age | % Provincial Pediatric Visits | Disposition after ED Visit | | | | | | Total |
|--------------|-------------------------------|----------------------------|----------------------------|------------------------------------|-------------------------------|--------------------------|--|-------|
| | | % Discharged Home | % Left Before End of Visit | % Admitted to Site of Receiving ED | % Transferred to Another Site | % Death On/After Arrival | % Intra Facility TF to Day Surg/Clinic | |
| <1 | 12% | 87% | 4% | 7.8% | 0.6% | 0.0% | 0.6% | 100% |
| 1 – 4 | 33% | 91% | 5% | 3.4% | 0.3% | 0.0% | 0.4% | 100% |
| 5 – 9 | 24% | 92% | 4% | 3.2% | 0.3% | 0.0% | 0.2% | 100% |
| 10 - 14 | 21% | 91% | 4% | 4.6% | 0.3% | 0.0% | 0.2% | 100% |
| 15 - 16 | 11% | 88% | 4% | 6.8% | 0.5% | 0.0% | 0.1% | 100% |
| Total | 100% | 91% | 4% | 4.4% | 0.2% | 0.0% | 0.3% | 100% |

Notes re Table 3:

1. Data is based on 2018/19 NACRS data for the sites that are collecting NACRS data.
2. Royal Inland data was excluded from the NACRS data due to data quality issues.

3.3 Acuity & Reasons for Children Utilizing ED Services

The acuity levels of children presenting to EDs (NACRS data) are lower than those of adults. Patients triaged at Canadian Triage Acuity Scale (CTAS) levels 4 or 5 comprised 40% of total pediatric ED visits compared to 33% of total adult visits.

Assuming the NACRS percentages are representative of all B.C. EDs, it is estimated that 57,500 children/year present to B.C. EDs with high acuity conditions (CTAS 1 or 2), 161,000 with moderate acuity conditions (CTAS 3) and 147,500 with low acuity conditions (CTAS 4 and 5). See Table 4.

Table 4: CTAS Mix of Pediatric and Adult Visits (NACRS data, 2018/19)

| CTAS | Description | Children (0-17) | Adults (18+) | Estimated Pediatric Visits/Year |
|--------------|---------------|-----------------|--------------|---------------------------------|
| 1 | Resuscitation | 0.4% | 1% | 1,500 |
| 2 | Emergent | 15% | 17% | 56,000 |
| 3 | Urgent | 43% | 49% | 161,000 |
| 4 | Less Urgent | 38% | 29% | 139,000 |
| 5 | Non-Urgent | 2% | 4% | 8,500 |
| 6 | Unknown | 1% | 1% | 3,000 |
| Total | | 100% | 100% | 369,000 |

Note re Table 4: Data is based on 2018/19 NACRS data for the sites that are collecting NACRS data.

The NACRS data suggests:

- The reasons for pediatric ED visits are diverse, although the ten most frequent presenting complaints¹ make up 55% of total cases.
- Fever is the most frequent presenting complaint overall and for children ages 0 – 9 years, while upper extremity injuries are the most common for ages 10 and over.
- See Table 5.

Table 5: Most Frequent Presenting Complaints to ED, by Age Groups (NACRS data, 2015/16)

| Rank | Top 10 Presenting Complaints | | | | | | | | |
|-------------------------------|------------------------------|---------------|------------|------------------------|---------------|------------|------------------------|---------------|------------|
| | <1 Years Old | | | 1-4 Years Old | | | 5-9 Years Old | | |
| | Presenting Complaint | Visits | % | Presenting Complaint | Visits | % | Presenting Complaint | Visits | % |
| 1 | Fever | 6,122 | 21% | Fever | 15,903 | 20% | Fever | 6,644 | 11% |
| 2 | Cough/ congestion | 3,922 | 13% | Cough/congestion | 8,452 | 10% | Abdominal pain | 5,596 | 10% |
| 3 | Nausea and/or vomiting | 2,360 | 8% | Nausea and/or vomiting | 5,959 | 7% | Upper extremity injury | 4,719 | 8% |
| 4 | Shortness of breath | 2,135 | 7% | Laceration / Puncture | 4,867 | 6% | Laceration/ puncture | 3,621 | 6% |
| 5 | Rash | 1,788 | 6% | Shortness of breath | 4,293 | 5% | Cough/ congestion | 3,404 | 6% |
| 6 | Head injury | 1,582 | 5% | Head injury | 3,810 | 5% | Nausea and/or vomiting | 2,908 | 5% |
| 7 | Inconsolable crying | 841 | 3% | Rash | 3,537 | 4% | Head injury | 2,478 | 4% |
| 8 | Diarrhea | 677 | 2% | Upper extremity injury | 3,203 | 4% | Earache | 2,228 | 4% |
| 9 | Minor complaints NOS | 622 | 2% | Abdominal pain | 2,365 | 3% | Lower extremity injury | 2,140 | 4% |
| 10 | Neonatal jaundice | 563 | 2% | Earache | 2,094 | 3% | Rash | 2,069 | 4% |
| Total, top 10 | | 20,612 | | | 54,483 | | | 35,807 | |
| % NACRS visits, top 10 | | | 71% | | | 68% | | | 61% |

¹ “Presenting complaint” refers to the symptom, complaint, problem or reason for seeking emergency medical care as identified by the patient. The Canadian Emergency Department Information System (CEDIS) Working Group developed the Presenting Complaint List (PCL). This information is captured in the NACRS data.

| Rank | Top 10 Presenting Complaints | | | | | |
|-------------------------|--|---------------|------------|--|---------------|------------|
| | 10 -14 Years Old | | | 15 – 16 Years Old | | |
| | Presenting Complaint | Visits | % | Presenting Complaint | Visits | % |
| 1 | Upper extremity injury | 7,028 | 13% | Upper extremity injury | 2,490 | 9% |
| 2 | Lower extremity injury | 4,980 | 10% | Lower extremity injury | 2,336 | 9% |
| 3 | Abdominal pain | 4,439 | 8% | Abdominal pain | 2,224 | 8% |
| 4 | Lower extremity pain | 2352 | 4% | Depression/suicidal/deliberate self-harm | 1853 | 7% |
| 5 | Head injury | 2,181 | 4% | Head injury | 1,059 | 4% |
| 6 | Upper extremity pain | 2,103 | 4% | Lower extremity pain | 1031 | 4% |
| 7 | Laceration/puncture | 2058 | 4% | Laceration/puncture | 1,001 | 4% |
| 8 | Fever | 1,877 | 4% | Upper extremity pain | 755 | 3% |
| 9 | Depression/suicidal/deliberate self-harm | 1,591 | 3% | Headache | 635 | 2% |
| 10 | Nausea and/or vomiting | 1,185 | 2% | Sore throat | 564 | 2% |
| Total, top 10 | | 29,794 | | | 13,948 | |
| % Visits, top 10 | | | 57% | | | 52% |

Of the patients *admitted* as inpatients, the ten most common presenting complaints were:

- | | |
|---|--------------------------------------|
| 1. Fever | 6. Nausea and/or vomiting |
| 2. Shortness of breath | 7. Seizure |
| 3. Abdominal pain | 8. Overdose ingestion |
| 4. Depression/suicidal/deliberate self-harm | 9. Upper extremity injury |
| 5. Cough/congestion | 10. Direct referral for consultation |

Note: These ten complaints accounted for 64% of pediatric admissions from ED.

3.4 ED Service Locations

In 2018/19, ED care was provided in 109 hospitals in B.C. (Health Authorities Management Information System (HAMIS) reporting tool).

- An estimated 1,000 physicians and a small number of nurse practitioners provided care, in collaboration with multidisciplinary teams.
- An estimated two-thirds of physicians providing care in EDs in B.C. did so on a part-time basis, in addition to their primary jobs as family physicians.
- Most physicians working in EDs in B.C. graduated from family medicine residency programs and most have no formal emergency medicine training or certification. While statistics are not available in B.C., an Ontario survey reported that 70% of physicians working in EDs in southwestern Ontario had no formal emergency training or certification (Bhimani et al, 2007).

Because children may present to any ED at any time, all EDs in B.C. must be able to provide a high standard of emergent care to children. This includes ensuring appropriate levels of pediatric training for physicians, nurses and other health care providers and the availability of age-appropriate equipment and space that supports child and family-centered care. Processes and protocols must also be in place to support the timely transfer of children to other tiers of service when required.

While ED care is provided in 109 hospitals, relatively few have the capacity to admit children for inpatient care:

- 26/109 (24%) hospitals have designated pediatric beds (including mental health and substance use beds): 173 beds at B.C. Children’s Hospital (BCCH) and 270 in other B.C. hospitals, for a total of 443.
- 31/109 (28%) hospitals do not have any capacity to admit inpatients (adults or children) to their facility.
- Of the 78 hospitals that have capacity to admit inpatients to their facility, 60 admitted children in 2018/19 (>5 inpatient days). 26 of those hospitals have designated pediatric beds, while 34 do not. See Appendix 4 for a list of hospitals with designated inpatient pediatric beds.

4.0 References

Bhimani, Munsif et al. (2007). Emergency Medicine Training Demographics of Physicians Working in Rural & Regional Southwestern Ontario Emergency Departments. *CJEM*, 9(6), pp. 449-452.
www.ncbi.nlm.nih.gov/pubmed/18072991. (accessed July 1, 2020)

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).
- Day care visits = Surgical or medical day care visits in which an anesthetic was provided.
- Medical and surgical data is for fiscal year 2018/2019. Source is the BC MoH Discharge Abstract Database.
- Emergency Department (ED) visits: Based on 2018/19 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% x total ED visits. 2018/19 MIS data was used for total ED visits.

| HA/HSDA | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|-------------------------------------|---|-----------|----------------|------------|-------------|-----------------|-------------|--------------|------------|-----------------|-------------|--------------|------------|--------------|------------|--------------|
| | | | Day Care Procs | Inpt Procs | Total Procs | 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 | 2,351 | 56 | 1 | 57 | 56 | | 56 | | | 33 | 33 | 52 | 89 | 52 | |
| | East Kootenay Reg Hosp | 3,347 | 242 | 49 | 291 | 242 | 56 | 298 | 89 | | 108 | 108 | 232 | 406 | 321 | 2 |
| | Elk Valley Hosp | 1,845 | 30 | 0 | 30 | 30 | | 30 | | 3 | 28 | 31 | 46 | 61 | 46 | |
| | Elkford Health Centre | 224 | | | | | | | | | | | | | | |
| | Golden and District Hosp | 1,301 | 15 | 0 | 15 | 15 | | 15 | | | 15 | 15 | 29 | 30 | 29 | |
| | Invermere and District Hosp | 1,623 | | | | | | | | | 4 | 4 | 10 | 4 | 10 | |
| | Sparwood H Ctre | 711 | | | | | | | | | | | | | | |
| Kootenay Boundary | Arrow Lakes Hosp | 770 | | | | | | | | | 3 | 3 | 3 | 3 | 3 | |
| | Boundary Hosp | 1,860 | | | | | | | | | | | | | | |
| | Castlegar and District Community H Ctre | 1,634 | | | | | | | | | | | | | | |
| | Edgewood H Ctre | 397 | | | | | | | | | | | | | | |
| | Kootenay Boundary Regional Hosp | 2,399 | 126 | 30 | 156 | 126 | 28 | 154 | 70 | 1 | 143 | 144 | 299 | 298 | 369 | 4 |
| | Kootenay Lake Hosp | 2,048 | 154 | 0 | 154 | 154 | | 154 | | | 32 | 32 | 69 | 186 | 69 | |
| | Slocan Community H Ctre | 318 | | | | | | | | | | | | | | |
| Victorian Community H Ctre of Kaslo | 235 | | | | | | | | | | | | | | | |
| Okanagan | Kelowna General Hosp | 9,941 | 457 | 125 | 582 | 455 | 120 | 575 | 234 | 3 | 522 | 525 | 1,314 | 1,100 | 1,548 | 10 |
| | Penticton Regional Hosp | 5,715 | 72 | 39 | 111 | 71 | 37 | 108 | 58 | 1 | 179 | 180 | 342 | 288 | 400 | |
| | Princeton General Hosp | 1,163 | | | | | | | | | | | | | | |
| | South Okanagan General Hosp | 2,669 | | | | | | | | | | | | | | |
| | South Similkameen H Ctre | 413 | | | | | | | | | | | | | | |
| | Summerland Memorial H Ctre | | 568 | | 568 | 567 | | 567 | | | | | | 567 | | |
| | Vernon Jubilee Hosp | 7,524 | 134 | 129 | 263 | 134 | 140 | 274 | 221 | 5 | 198 | 203 | 449 | 477 | 670 | 5 |
| Thompson Cariboo Shuswap | 100 Mile District General Hosp | 1,882 | | | | | | | | 10 | 7 | 17 | 7 | 17 | 7 | |
| | Alexis Creek H Ctre | 229 | | | | | | | | | | | | | | |
| | Ashcroft Hosp and Community H Ctre | 326 | | | | | | | | | | | | | | |
| | Barriere H Ctre | 176 | | | | | | | | | | | | | | |
| | Blue River H Ctre | 33 | | | | | | | | | | | | | | |
| | Cariboo Memorial Hosp | 2,929 | 67 | 8 | 75 | 67 | 6 | 73 | 17 | 2 | 95 | 97 | 224 | 170 | 241 | |
| | Chase and District H Ctre | 641 | | | | | | | | | | | | | | |
| | Dr. Helmcken Memorial Hosp | 546 | | | | | | | | | | | | | | |
| | Kamloops Urgent Family Care Centre | 971 | | | | | | | | | | | | | | |
| | Lillooet Hosp And H Ctre | 912 | 21 | 0 | 21 | 21 | | 21 | | 1 | 7 | 8 | 10 | 29 | 10 | |

| HA/HSDA | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|---------|----------------------|-----------|----------------|------------|-------------|-----------------|-------------|--------------|------------|-----------------|-------------|--------------|------------|--------------|------------|--------------|
| | | | Day Care Procs | Inpt Procs | Total Procs | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| | Nicola Valley H Ctre | 2,102 | | | | | | | | | | | | | | |

| HA/HSDA | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|--------------------------|---------------------------|---------------|----------------|------------|--------------|-----------------|-------------|--------------|------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | Day Care Procs | Inpt Procs | Total Procs | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| | Queen Victoria Hosp | 1,311 | 7 | 0 | 7 | 7 | 1 | 8 | 1 | 4 | 12 | 16 | 15 | 24 | 16 | |
| | Royal Inland Hosp | 10,782 | 447 | 186 | 633 | 445 | 187 | 632 | 275 | | 361 | 361 | 810 | 993 | 1,085 | 9 |
| | Shuswap Lake General Hosp | 3,211 | 24 | 11 | 35 | 24 | 12 | 36 | 20 | | 32 | 32 | 48 | 68 | 68 | |
| | St. Bartholomew's H Ctre | 294 | | | | | | | | | | | | | | |
| Interior HA Total | | 74,830 | 2,420 | 578 | 2,998 | 2,414 | 587 | 3,001 | 985 | 30 | 1,779 | 1,809 | 3,959 | 4,810 | 4,944 | 30 |

| Fraser HA | | | | | | | | | | | | | | | | |
|------------------------|---|----------------|--------------|------------|--------------|--------------|------------|--------------|--------------|----------|--------------|--------------|--------------|--------------|--------------|-----------|
| Fraser East | Abbotsford Regional Hosp and Cancer Centre | 12,355 | 364 | 174 | 538 | 364 | 174 | 538 | 289 | | 895 | 895 | 2,199 | 1,433 | 2,488 | 12 |
| | Chilliwack General Hosp | 8,848 | 98 | 7 | 105 | 98 | 7 | 105 | 12 | | 9 | 9 | 13 | 114 | 25 | 4 |
| | Fraser Canyon Hosp | 1,674 | | | | | | | | | | | | | | |
| | Mission Memorial Hosp | 3,053 | | | | | | | | 2 | | 2 | | 2 | | |
| Fraser North | Burnaby Hosp | 8,115 | 0 | 1 | 1 | | 1 | 1 | 1 | | 53 | 53 | 98 | 54 | 99 | |
| | Eagle Ridge Hosp | 7,744 | 203 | 2 | 205 | 203 | 3 | 206 | 3 | | 112 | 112 | 112 | 318 | 115 | |
| | Ridge Meadows Hosp And Health Care Centre | 6,860 | 178 | 49 | 227 | 178 | 54 | 232 | 82 | 3 | 12 | 15 | 12 | 247 | 94 | 4 |
| Fraser South | Royal Columbian Hosp | 9,984 | 132 | 145 | 277 | 132 | 147 | 279 | 304 | | 613 | 613 | 1,367 | 892 | 1,671 | 12 |
| | Delta Hosp | 3,131 | 33 | 0 | 33 | 32 | 2 | 34 | 2 | | 25 | 25 | 25 | 59 | 27 | |
| | Jim Pattison Outpatient Care and Surgery Centre | | 2 | 0 | 2 | 2 | | 2 | | | | | | 2 | | |
| | Langley Memorial Hosp | 5,762 | 107 | 59 | 166 | 105 | 61 | 166 | 83 | | 294 | 294 | 719 | 460 | 802 | 9 |
| | Peace Arch District Hosp | 5,721 | 1 | 0 | 1 | 1 | | 1 | | | 2 | 2 | 2 | 3 | 2 | |
| | Surrey Memorial Hosp | 43,541 | 706 | 426 | 1,132 | 706 | 434 | 1,140 | 634 | 4 | 1,288 | 1,292 | 3,630 | 2,432 | 4,264 | 16 |
| Fraser HA Total | | 116,788 | 1,824 | 863 | 2,687 | 1,821 | 883 | 2,704 | 1,410 | 9 | 3,303 | 3,312 | 8,177 | 6,016 | 9,587 | 57 |

| Vancouver Coastal HA | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------------|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|-----------|
| North Shore/Coast Garibaldi | Bella Cooola General Hosp | 507 | | | | | | | | | 19 | 19 | 25 | 19 | 25 | |
| | Lions Gate Hosp | 8,782 | 171 | 156 | 327 | 170 | 172 | 342 | 271 | 26 | 433 | 459 | 981 | 801 | 1,252 | 10 |
| | Pemberton H Ctre | 833 | | | | | | | | | | | | | | |
| | Powell River General Hosp | 2,685 | 21 | 2 | 23 | 21 | 2 | 23 | 4 | | 17 | 17 | 35 | 40 | 39 | |
| | R.W. Large Memorial Hosp | 500 | | | | | | | | | 4 | 4 | 4 | 4 | 4 | |
| | Sechelt Hosp | 2,559 | 27 | 6 | 33 | 27 | 5 | 32 | 11 | 1 | 18 | 19 | 31 | 51 | 42 | |
| | Squamish General Hosp | 2,126 | 94 | 4 | 98 | 48 | | 48 | | 49 | 25 | 74 | 35 | 122 | 35 | |
| | Whistler H Ctre | 2,926 | | | | | | | | | | | | | | |
| Richmond | Richmond Hosp | 6,806 | 127 | 21 | 148 | 127 | 26 | 153 | 34 | 1 | 182 | 183 | 347 | 336 | 381 | 4 |
| Vancouver | Mount Saint Joseph Hosp | 1,197 | 14 | 0 | 14 | 14 | | 14 | | | | | | 14 | | |
| | St. Paul's Hosp | 1,405 | 28 | 5 | 33 | 26 | 4 | 30 | 16 | 2 | 70 | 72 | 101 | 102 | 117 | |
| | UBC Health Sciences Centre | 1,680 | 40 | 23 | 63 | 40 | 24 | 64 | 39 | 2 | | 2 | | 66 | 39 | |
| | Vancouver General Hosp | 130 | 43 | 20 | 63 | 43 | 19 | 62 | 95 | 76 | 1 | 77 | 37 | 139 | 132 | |
| Vancouver Coastal HA Total | | 32,136 | 565 | 237 | 802 | 516 | 252 | 768 | 470 | 157 | 769 | 926 | 1,596 | 1,694 | 2,066 | 14 |

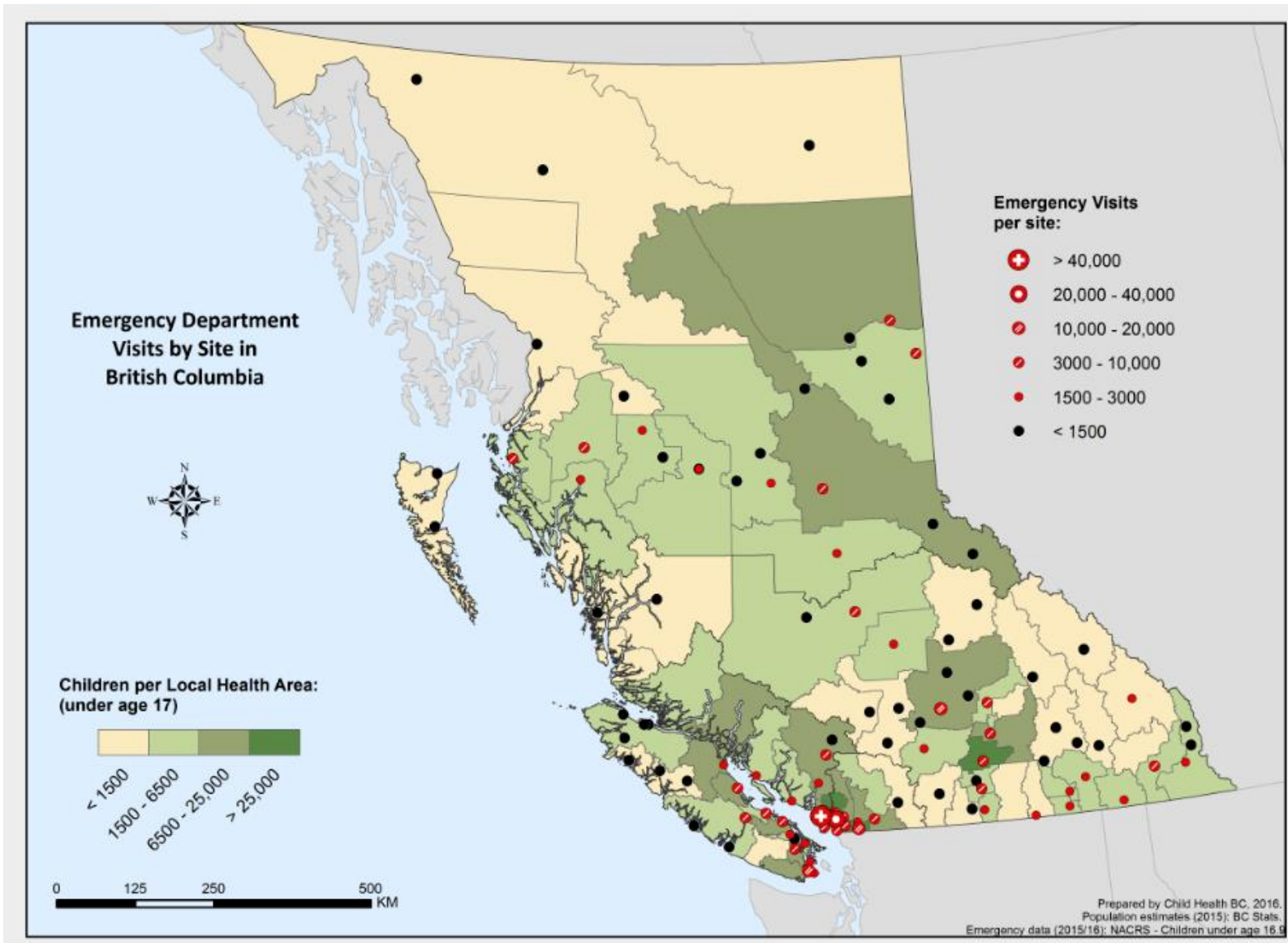
| Island HA | | | | | | | | | | | | | | | | |
|--------------------------|-------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-------|-------|---|
| Central Vancouver Island | Bamfield H Ctre | 260 | | | | | | | | | | | | | | |
| | Chemainus Health Care Centre | 1,136 | | | | | | | | | | | | | | |
| | Cowichan District Hosp | 4,623 | 296 | 47 | 343 | 296 | 44 | 340 | 70 | | 181 | 181 | 358 | 521 | 428 | 4 |
| | Ladysmith Community H Ctre | 2,261 | | | | | | | | | | | | | | |
| | Nanaimo Regional General Hosp | 7,900 | 742 | 162 | 904 | 742 | 159 | 901 | 240 | | 399 | 399 | 944 | 1,300 | 1,184 | 8 |
| | Oceanside H Ctre | 4,333 | | | | | | | | | | | | | | |
| | Tofino General Hosp | 1,002 | | | | | | | | | 24 | 24 | 40 | 24 | 40 | |
| | West Coast General Hosp | 4,112 | 66 | 5 | 71 | 66 | 7 | 73 | 20 | 3 | 50 | 53 | 78 | 126 | 98 | |

| HA/HSDA | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds | |
|------------------------|-----------------------------------|-----------|----------------|------------|-------------|-----------------|-------------|--------------|------------|-----------------|-------------|--------------|------------|--------------|------------|--------------|--|
| | | | Day Care Procs | Inpt Procs | Total Procs | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | | |
| North Vancouver Island | Cormorant Island Community H Ctre | 275 | | | | | | | | | | 1 | 1 | 3 | 1 | 3 | |
| | Gold River H Ctre | 508 | | | | | | | | | | | | | | | |
| | Kyuquot H Ctre | 225 | | | | | | | | | | | | | | | |

| HA/HSDA | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|--------------------------|--|---------------|----------------|------------|--------------|-----------------|-------------|--------------|--------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | Day Care Procs | Inpt Procs | Total Procs | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| North Vancouver Island | The North Island Hosp/ Campbell R & District | 3,154 | 173 | 39 | 212 | 173 | 31 | 204 | 54 | 2 | 102 | 104 | 274 | 308 | 328 | 1 |
| | The North Island Hosp Comox Valley | 3,755 | 175 | 35 | 210 | 175 | 43 | 218 | 74 | 1 | 119 | 120 | 246 | 338 | 320 | 4 |
| | Port Alice H Ctre | 97 | | | | | | | | | | | | | | |
| | Port Hardy Hosp | 1,468 | | | | | | | | | 8 | 8 | 32 | 8 | 32 | |
| | Port McNeill And District Hosp | 611 | | | | | | | | | 6 | 6 | 14 | 6 | 14 | |
| | St. Joseph's General Hosp | 0 | | | | | | | | | | | | | | |
| South Vancouver Island | Tahsis H Ctre | 399 | | | | | | | | | | | | | | |
| | Lady Minto / Gulf Islands Hosp | 1,638 | | | | | | | | 2 | 3 | 5 | 3 | 5 | 3 | |
| | Royal Jubilee Hosp | 2,394 | 121 | 6 | 127 | 121 | 20 | 141 | 27 | 2 | 30 | 32 | 51 | 173 | 78 | |
| | Saanich Peninsula Hosp | 2,426 | 223 | 0 | 223 | 223 | | 223 | | | | | | 223 | | |
| Victoria General Hosp | 12,638 | 1,236 | 585 | 1,821 | 1,232 | 469 | 1,701 | 932 | 3 | 1,237 | 1,240 | 4,852 | 2,941 | 5,784 | 16 | |
| Island HA Total | | 55,214 | 3,032 | 879 | 3,911 | 3,028 | 773 | 3,801 | 1,417 | 13 | 2,160 | 2,173 | 6,895 | 5,974 | 8,312 | 33 |
| Northern HA | | | | | | | | | | | | | | | | |
| Northeast | Chetwynd General Hosp | 1,132 | | | | | | | | | 2 | 2 | 3 | 2 | 3 | |
| | Dawson Creek and District Hosp | 2,894 | 106 | 4 | 110 | 106 | 3 | 109 | 8 | 48 | 44 | 92 | 57 | 201 | 65 | |
| | Fort Nelson General Hosp | 986 | 4 | 0 | 4 | 3 | | 3 | | 1 | 16 | 17 | 25 | 20 | 25 | |
| | Fort St. John General Hosp | 4,123 | 118 | 6 | 124 | 118 | 5 | 123 | 17 | 34 | 118 | 152 | 281 | 275 | 298 | |
| | Hudson's Hope H Ctre | 79 | | | | | | | | | | | | | | |
| | Tumbler Ridge H Ctre | 445 | | | | | | | | | | | | | | |
| Northern Interior | Fraser Lake H Ctre | 899 | | | | | | | | | | | | | | |
| | G.R. Baker Memorial Hosp | 2,546 | 225 | 22 | 247 | 225 | 22 | 247 | 23 | 5 | 6 | 11 | 12 | 258 | 35 | |
| | Lakes District Hosp and H Ctre | 1,777 | | | | | | | | | 12 | 12 | 18 | 12 | 18 | |
| | Mackenzie And District Hosp | 920 | | | | | | | | | 4 | 4 | 6 | 4 | 6 | |
| | McBride and District Hosp | 259 | | | | | | | | | | | | | | |
| | St. John Hosp | 1,502 | 97 | 11 | 108 | 97 | 9 | 106 | 9 | 18 | 32 | 50 | 49 | 156 | 58 | |
| | Stuart Lake Hosp | 888 | | | | | | | | | | | | | | |
| | The University Hosp of Northern BC | 6,961 | 360 | 99 | 459 | 357 | 98 | 455 | 195 | 15 | 510 | 525 | 1,415 | 980 | 1,610 | 12 |
| Valemount H Ctre | 548 | | | | | | | | | | | | | | | |
| Northwest | Atlin H Ctre | 413 | | | | | | | | | | | | | | |
| | Bulkley Valley District Hosp | 2,179 | 38 | 2 | 40 | 38 | 1 | 39 | 1 | 14 | 26 | 40 | 41 | 79 | 42 | |
| | Haida Gwaii Hosp and H Ctre | 428 | | | | | | | | | 6 | 6 | 12 | 6 | 12 | |
| | Houston H Ctre | 823 | | | | | | | | | | | | | | |
| | Kitimat General Hosp | 1,788 | 84 | 5 | 89 | 84 | 4 | 88 | 4 | 2 | 46 | 48 | 88 | 136 | 92 | |
| | Mills Memorial Hosp | 4,029 | 302 | 23 | 325 | 301 | 21 | 322 | 35 | 3 | 98 | 101 | 250 | 423 | 285 | |
| | Northern Haida Gwaii Hosp and H Ctre | 526 | | | | | | | | | 11 | 11 | 12 | 11 | 12 | |
| | Prince Rupert Regional Hosp | 3,385 | 162 | 8 | 170 | 162 | 9 | 171 | 9 | | 38 | 38 | 63 | 209 | 72 | |
| | Stewart General Hosp | 231 | | | | | | | | | | | | | | |
| | Stikine H Ctre | 207 | | | | | | | | | | | | | | |
| Wrinch Memorial Hosp | 1,184 | 106 | 0 | 106 | 106 | | 106 | | | 5 | 12 | 17 | 18 | 123 | 18 | |
| Northern HA Total | | 41,153 | 1,602 | 180 | 1,782 | 1,597 | 172 | 1,769 | 301 | 145 | 981 | 1,126 | 2,350 | 2,895 | 2,651 | 12 |

| HA/HSDA | Treating Hosp | ED Visits | Surgery | | | | | | | Medical | | | | Med/Surg | | Gen Ped Beds |
|--------------------|-----------------------|----------------|----------------|--------------|---------------|-----------------|--------------|---------------|---------------|-----------------|---------------|---------------|---------------|---------------|---------------|--------------|
| | | | Day Care Procs | Inpt Procs | Total Procs | Day Care Visits | Inpt Visits | Total Visits | Total Days | Day Care Visits | Inpt Visits | Total Visits | Total Days | Total Visits | Total Days | |
| PHSA | | | | | | | | | | | | | | | | |
| PHSA | B.C. Cancer Agency | | | | | | | | | | | | | | | |
| | B.C. Children's Hosp | 48,927 | 6,174 | 3,345 | 9,519 | 6,172 | 2,346 | 8,518 | 8,838 | 1,006 | 3,775 | 4,781 | 22,497 | 13,299 | 31,335 | 97 |
| | B.C. Women's Hospital | | 10 | 322 | 332 | 10 | | 10 | | | 224 | 224 | 442 | 234 | 442 | |
| PHSA Total | | 48,927 | 6,184 | 3,667 | 9,851 | 6,182 | 2,346 | 8,528 | 8,838 | 1,006 | 3,999 | 5,005 | 22,939 | 13,533 | 31,777 | 97 |
| Grand Total | | 369,049 | 15,627 | 6,404 | 22,031 | 15,558 | 5,013 | 20,571 | 13,421 | 1,360 | 12,991 | 14,351 | 45,916 | 34,922 | 59,337 | 243 |

Appendix 2: Map of Pediatric ED Visits in BC



Appendix 3: Total ED & Estimated Pediatric ED Visits by Hospital

1. Total ED visits (pediatrics and adult) were based on 2018/19 HAMIS data.
2. Sites that submitted NACRS data in 2018/19 are highlighted in yellow.
3. Sites that do not have inpatient beds are highlighted in grey.
4. Pediatric ED visits were based on 2018/19 National Ambulatory Care Report System (NACRS) data for children ages 0 to 16.9 years [1] in sites where NACRS data was available. NACRS data was available for 29/109 EDs in B.C., representing 27% of sites and 68% of the total ED visits.
5. Where NACRS data was not available, 15% of total ED visits was utilized to estimate the number of pediatric visits.

| HSDA | Hosp Name | 2018/2019 ED Visits (Pediatrics & Adult) | % of Prov ED Visits | Est % Pediatric Visits | Est Pediatric Visits/Yr | % of Prov Pediatric ED Visits |
|----------------------------------|--|--|---------------------|------------------------|-------------------------|-------------------------------|
| Interior Health Authority | | | | | | |
| East Kootenay | Creston Valley Hospital | 15,675 | 0.6% | 15% | 2,351 | 0.6% |
| | East Kootenay Regional Hospital | 22,311 | 0.9% | 15% | 3,347 | 0.9% |
| | Elk Valley Hospital | 12,299 | 0.5% | 15% | 1,845 | 0.5% |
| | Elkford Health Centre | 1,494 | 0.1% | 15% | 224 | 0.1% |
| | Golden and District Hospital | 8,672 | 0.4% | 15% | 1,301 | 0.4% |
| | Invermere and District Hospital | 10,823 | 0.4% | 15% | 1,623 | 0.4% |
| | Sparwood Health Centre | 4,737 | 0.2% | 15% | 711 | 0.2% |
| Kootenay Boundary | Arrow Lakes Hospital | 5,132 | 0.2% | 15% | 770 | 0.2% |
| | Boundary Hospital | 12,400 | 0.5% | 15% | 1,860 | 0.5% |
| | Castlegar and District Community Health Centre | 10,890 | 0.4% | 15% | 1,634 | 0.4% |
| | Edgewood Health Centre | 2,645 | 0.1% | 15% | 397 | 0.1% |
| | Kootenay Boundary Regional Hospital | 15,990 | 0.7% | 15% | 2,399 | 0.6% |
| | Kootenay Lake Hospital | 13,652 | 0.6% | 15% | 2,048 | 0.6% |
| | Slocan Community Health Centre | 2,121 | 0.1% | 15% | 318 | 0.1% |
| | Victorian Community Health Centre of Kaslo | 1,567 | 0.1% | 15% | 235 | 0.1% |
| Okanagan | Kelowna General Hospital | 81,694 | 3.3% | 12% | 9,941 | 2.7% |
| | Penticton Regional Hospital | 38,099 | 1.6% | 15% | 5,715 | 1.5% |
| | Princeton General Hospital | 7,752 | 0.3% | 15% | 1,163 | 0.3% |
| | South Okanagan General Hospital | 17,790 | 0.7% | 15% | 2,669 | 0.7% |
| | South Similkameen Health Centre | 2,755 | 0.1% | 15% | 413 | 0.1% |
| | Vernon Jubilee Hospital | 50,158 | 2.1% | 15% | 7,524 | 2.0% |
| Thompson Cariboo Shuswap | 100 Mile District General Hospital | 12,548 | 0.5% | 15% | 1,882 | 0.5% |
| | Alexis Creek Health Centre | 1,526 | 0.1% | 15% | 229 | 0.1% |
| | Ashcroft and District General Hospital | 2,170 | 0.1% | 15% | 326 | 0.1% |
| | Barriere Health Centre | 1,176 | 0.0% | 15% | 176 | 0.0% |
| | Blue River Health Centre | 223 | 0.0% | 15% | 33 | 0.0% |
| | Cariboo Memorial Hospital | 19,528 | 0.8% | 15% | 2,929 | 0.8% |
| | Chase and District Health Centre | 4,272 | 0.2% | 15% | 641 | 0.2% |
| | Dr. Helmcken Memorial Hospital | 3,640 | 0.1% | 15% | 546 | 0.1% |

| HSDA | Hosp Name | 2018/2019 ED Visits (Pediatrics & Adult) | % of Prov ED Visits | Est % Pediatric Visits | Est Pediatric Visits/Yr | % of Prov Pediatric ED Visits |
|---|--|--|---------------------|------------------------|-------------------------|-------------------------------|
| | Kamloops Urgent Family Care Centre | 6,470 | 0.3% | 15% | 971 | 0.3% |
| | Lillooet Hospital and Health Centre | 6,078 | 0.2% | 15% | 912 | 0.2% |
| | Nicola Valley Hospital and Health Centre | 14,014 | 0.6% | 15% | 2,102 | 0.6% |
| | Queen Victoria Hospital | 8,743 | 0.4% | 15% | 1,311 | 0.4% |
| | Royal Inland Hospital | 73,327 | 3.0% | 15% | 10,782 | 2.9% |
| | Shuswap Lake General Hospital | 21,406 | 0.9% | 15% | 3,211 | 0.9% |
| | St. Bartholomew's Health Centre | 1,960 | 0.1% | 15% | 294 | 0.1% |
| Total, IHA | | 515,737 | 21.1% | 15% | 74,830 | 21.1% |
| Fraser Health Authority | | | | | | |
| Fraser East | Abbotsford Regional Hospital and Cancer Centre | 75,975 | 3.1% | 16% | 12,355 | 3.3% |
| | Chilliwack General Hospital | 61,188 | 2.5% | 14% | 8,848 | 2.4% |
| | Fraser Canyon Hospital | 11,216 | 0.5% | 15% | 1,674 | 0.5% |
| | Mission Memorial Hospital | 21,060 | 0.9% | 14% | 3,053 | 0.8% |
| Fraser North | Burnaby Hospital | 83,834 | 3.4% | 10% | 8,115 | 2.2% |
| | Eagle Ridge Hospital and Health Care Centre | 53,052 | 2.2% | 15% | 7,744 | 2.1% |
| | Ridge Meadows Hospital and Health Care Centre | 43,673 | 1.8% | 16% | 6,860 | 1.9% |
| | Royal Columbian Hospital | 78,278 | 3.2% | 13% | 9,984 | 2.7% |
| Fraser South | Delta Hospital | 34,103 | 1.4% | 9% | 3,131 | 0.8% |
| | Langley Memorial Hospital | 47,951 | 2.0% | 12% | 5,762 | 1.6% |
| | Peace Arch District Hospital | 53,194 | 2.2% | 11% | 5,721 | 1.6% |
| | Surrey Memorial Hospital | 171,562 | 7.0% | 25% | 43,541 | 11.8% |
| Total, FHA | | 735,086 | 30.1% | 15% | 116,788 | 31.6% |
| Vancouver Coastal Health Authority | | | | | | |
| North | Bella Coola General Hospital | 3,377 | 0.1% | 15% | 507 | 0.1% |
| | Lions Gate Hospital | 65,764 | 2.7% | 13% | 8,782 | 2.4% |
| | Pemberton Health Centre | 5,552 | 0.2% | 15% | 833 | 0.2% |
| | Powell River General Hospital | 17,902 | 0.7% | 15% | 2,685 | 0.7% |
| | R.W. Large Memorial Hospital | 3,333 | 0.1% | 15% | 500 | 0.1% |
| | Sechelt Hospital | 17,060 | 0.7% | 15% | 2,559 | 0.7% |
| | Squamish General Hospital | 14,173 | 0.6% | 15% | 2,126 | 0.6% |
| | Whistler Health Centre | 19,509 | 0.8% | 15% | 2,926 | 0.8% |
| Richmond | Richmond Hospital | 58,916 | 2.4% | 12% | 6,806 | 1.8% |
| Vancouver | Mount St. Joseph Hospital | 33,832 | 1.4% | 4% | 1,197 | 0.3% |
| | St. Paul's Hospital | 88,427 | 3.6% | 2% | 1,405 | 0.4% |
| | U.B.C. Health Sciences Centre | 23,091 | 0.9% | 7% | 1,680 | 0.5% |
| | Vancouver General Hospital | 95,823 | 3.9% | 0% | 130 | 0.0% |
| Total, VCHA | | 446,759 | 18.3% | 15% | 32,136 | 8.7% |
| Island Health Authority | | | | | | |
| Central Vancouver Island | Bamfield Health Centre | 1,735 | 0.1% | 15% | 260 | 0.1% |
| | Chemainus Health Care Centre | 7,574 | 0.3% | 15% | 1,136 | 0.3% |
| | Cowichan District Hospital | 33,569 | 1.4% | 14% | 4,623 | 1.3% |

| HSDA | Hosp Name | 2018/2019 ED Visits (Pediatrics & Adult) | % of Prov ED Visits | Est % Pediatric Visits | Est Pediatric Visits/Yr | % of Prov Pediatric ED Visits |
|----------------------------------|--|--|---------------------|------------------------|-------------------------|-------------------------------|
| | Ladysmith Community Health Centre | 15,075 | 0.6% | 15% | 2,261 | 0.6% |
| | Nanaimo Regional General Hospital | 67,408 | 2.8% | 12% | 7,900 | 2.1% |
| | Oceanside Health Centre | 28,885 | 1.2% | 15% | 4,333 | 1.2% |
| | Tofino General Hospital | 6,677 | 0.3% | 15% | 1,002 | 0.3% |
| | West Coast General Hospital | 27,416 | 1.1% | 15% | 4,112 | 1.1% |
| North Vancouver Island | Cormorant Island Health Centre | 1,836 | 0.1% | 15% | 275 | 0.1% |
| | Gold River Health Centre | 3,386 | 0.1% | 15% | 508 | 0.1% |
| | Kyuquot Health Centre | 1,497 | 0.1% | 15% | 225 | 0.1% |
| | North Island Hospital, Campbell River & District | 26,062 | 1.1% | 12% | 3,154 | 0.9% |
| | North Island Hospital, Comox Valley | 29,076 | 1.2% | 13% | 3,755 | 1.0% |
| | Port Alice Health Centre | 644 | 0.0% | 15% | 97 | 0.0% |
| | Port Hardy Hospital | 9,788 | 0.4% | 15% | 1,468 | 0.4% |
| | Port McNeill and District Hospital | 4,073 | 0.2% | 15% | 611 | 0.2% |
| | St. Joseph's General Hospital | | 0.0% | 15% | 0 | 0.0% |
| | Tahsis Health Centre | 2,660 | 0.1% | 15% | 399 | 0.1% |
| South Vancouver Island | Lady Minto/Gulf Islands Hospital | 10,917 | 0.4% | 15% | 1,638 | 0.4% |
| | Royal Jubilee Hospital | 59,286 | 2.4% | 4% | 2,394 | 0.6% |
| | Saanich Peninsula Hospital | 23,553 | 1.0% | 10% | 2,426 | 0.7% |
| | Victoria General Hospital | 60,598 | 2.5% | 21% | 12,638 | 3.4% |
| Total, IslandHA | | 421,715 | 17.2% | 15% | 55,214 | 15.0% |
| Northern Health Authority | | | | | | |
| Northeast | Chetwynd General Hospital | 7,548 | 0.3% | 15% | 1,132 | 0.3% |
| | Dawson Creek And District Hospital | 19,291 | 0.8% | 15% | 2,894 | 0.8% |
| | Fort Nelson General Hospital | 6,573 | 0.3% | 15% | 986 | 0.3% |
| | Fort St. John General Hospital | 27,489 | 1.1% | 15% | 4,123 | 1.1% |
| | Hudson's Hope Health Centre | 529 | 0.0% | 15% | 79 | 0.0% |
| | Tumbler Ridge Health Centre | 2,966 | 0.1% | 15% | 445 | 0.1% |
| Northern Interior | Fraser Lake Health Centre | 5,993 | 0.2% | 15% | 899 | 0.2% |
| | GR Baker Memorial Hospital | 16,971 | 0.7% | 15% | 2,546 | 0.7% |
| | Lakes District Hospital and Health Centre | 11,847 | 0.5% | 15% | 1,777 | 0.5% |
| | Mackenzie and District Hospital | 6,133 | 0.3% | 15% | 920 | 0.2% |
| | McBride and District Hospital | 1,729 | 0.1% | 15% | 259 | 0.1% |
| | St. John Hospital | 10,016 | 0.4% | 15% | 1,502 | 0.4% |
| | Stuart Lake Hospital | 5,920 | 0.2% | 15% | 888 | 0.2% |
| | The University Hospital of Northern British Columbia | 47,946 | 2.0% | 15% | 6,961 | 1.9% |
| Valemount Health Centre | 3,656 | 0.1% | 15% | 548 | 0.1% | |
| Northwest | Atlin Health Centre | 2,754 | 0.1% | 15% | 413 | 0.1% |
| | Bulkley Valley District Hospital | 14,526 | 0.6% | 15% | 2,179 | 0.6% |
| | Haida Gwaii Hospital and Health Centre | 2,850 | 0.1% | 15% | 428 | 0.1% |
| | Houston Health Centre | 5,485 | 0.2% | 15% | 823 | 0.2% |

| HSDA | Hosp Name | 2018/2019 ED Visits (Pediatrics & Adult) | % of Prov ED Visits | Est % Pediatric Visits | Est Pediatric Visits/Yr | % of Prov Pediatric ED Visits |
|--------------------|---|--|---------------------|------------------------|-------------------------|-------------------------------|
| | Kitimat General Hospital | 11,920 | 0.5% | 15% | 1,788 | 0.5% |
| | Mills Memorial Hospital | 26,859 | 1.1% | 15% | 4,029 | 1.1% |
| | Northern Haida Gwaii Hospital and Health Centre | 3,508 | 0.1% | 15% | 526 | 0.1% |
| | Prince Rupert Regional Hospital | 22,564 | 0.9% | 15% | 3,385 | 0.9% |
| | Stewart General Hospital | 1,543 | 0.1% | 15% | 231 | 0.1% |
| | Stikine Health Centre | 1,379 | 0.1% | 15% | 207 | 0.1% |
| | Wrinch Memorial Hospital | 7,896 | 0.3% | 15% | 1,184 | 0.3% |
| Total, NHA | | 275,891 | 11.3% | 15% | 41,153 | 11.2% |
| PHSA | BC Children's Hospital | 49,647 | 2.0% | 99% | 48,927 | 13.3% |
| Total, PHSA | | 49,647 | 2.0% | 99% | 48,927 | 13.3% |
| GRAND TOTAL | | 2,444,835 | 100.0% | 15% | 369,049 | 100.0% |

Appendix 4: Pediatric Inpatient Beds in B.C.

| HA | Hospital | General Pediatric Beds | Pediatric Observation Beds | Ped ICU Beds ² | Child & Youth MH Beds | Youth SU Beds ³ | Total Ped Beds | NICU Beds |
|--------------|--|------------------------|----------------------------|---------------------------|-----------------------|----------------------------|----------------|-----------------|
| IHA | Kelowna General | 10 | | | 8 | | 18 | 12 |
| | Kootenay Boundary (Trail) | 4 | | | | | 4 | |
| | East Kootenay (Cranbrook) | 2 | | | | | 2 | |
| | Vernon | 5 | | | | | 5 | |
| | Royal Inland | 9 | | | 2 | | 11 | 8 |
| 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 ⁴ |
| | Burnaby | | | | | | | 8 |
| | Creekside Withdrawal Management Centre | | | | | 6 | 6 | |
| VCHA | Last Door Recovery Centre | | | | | 10 ⁵ | 10 | |
| | Lions Gate & Carlile Centre | 10 | | | 10 | | 20 | 9 |
| | Richmond | | 4 | | | | 4 | 6 |
| | St Paul's | | | | | | | 9 |
| | Peak House | | | | | 8 | 8 | |
| Island HA | Young Bears Lodge | | | | | 5 | 5 | |
| | Nanaimo Regional | 8 | | | | | 8 | 9 |
| | St Joseph's General | 4 | | | | | 4 | |
| | Victoria General/Ledger House | 16 | | 5 | 14 ⁶ | | 35 | 22 |
| | Cowichan District (Duncan) | 4 | | | | | 4 | |
| NHA | Campbell River | 1 | | | | | 1 | |
| | University Hospital of Northern B.C. | 12 ⁷ | | | 6 ⁸ | | 18 | 9 |
| | Nechako Centre | | | | | 8 ⁹ | 8 | |
| PHSA | B.C. Children's Hospital | 97 | | 22 | 54 ¹⁰ | | 173 | |
| | BC Women's | | | | | | | 60 |
| | Ashnola (Keremeos) | | | | | 22 ¹¹ | 22 | |
| TOTAL | | 231 | 12 | 27 | 114 | 59 | 443 | 214 |

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

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

² Beds have the capacity for invasive monitoring, inotropic drugs and mechanical ventilation.

³ Excludes beds in home-based settings.

⁴ Plan to increase to 48 beds in the future.

⁵ Contracted beds and number of beds fluctuates.

⁶ 14 beds: 5 child, 6 youth & 3 special care (assessment/stabilization) beds.

⁷ 4 beds have the capacity for more intensive monitoring, up to and including continuous cardiorespiratory monitoring.

⁸ 2 beds for planned admissions and 4 for crisis stabilization.

⁹ Includes 1 detox bed.

¹⁰ 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.

¹¹ Includes beds for ages 17 - 24.