SETTING THE STAGE

# CHILDREN'S SURGICAL SERVICES

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# **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 Surgery<sup>1</sup>
- 2. Children's Surgical Services: Tiers in Brief to Support System Planning (Provides a high-level overview of key aspects of the module.
- 3. Children's Surgical Services: Tiers in Full to Support Operational Planning (Provides significant detail of key aspects of the module: (1) clinical service. (2) knowledge sharing/training; and (3) quality improvement/ research.)

## 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.<sup>2</sup>





- In 2013, 40 family practice physicians with enhanced surgical skills were practicing in 14 communities in BC;<sup>3</sup> about two-thirds of these were trained outside of Canada.<sup>4</sup>
- 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.<sup>5</sup>
  - In 2011, 500 700 GP-anesthetists were practicing in Canada, mostly in Ontario, the West and the North. Specific numbers of GP anesthetists in BC were not available.

**Table 1: BC RCPSC-Certified Anesthesiology & Surgical Specialists** 

	Pediatric Surgery &	Anesthesiology Specialists	Adult Surgery &
Surgical Specialty	BC Children's (Active Members only)	Elsewhere in BC	Anesthesiologists Specialists (see note below)
Anesthesia	27	3 (Victoria)	484
Cardiothoracic Surgery	1	0	51
Dental	14	8+ (Victoria), 2 (Kelowna)	Unknown
General/Vascular	5	2 (Victoria)	289
Neurosurgery	3	0	47
Ophthalmology	14	1 (Victoria)	199
Orthopedic	8	4 (Kelowna, Surrey, Victoria & Prince George)	234
Otolaryngology	6	2 (Surrey & Victoria)	91
Plastics	5	1 (Victoria)	95
Urology	4	2 (Kelowna & Victoria)	97
Total, excl Obs/Gyne	87	25+	1,587 + 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 2017/18 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 2017/18, 41,485 visits (114 per day, including NICU visits) were made by children to a BC hospital for medical/surgical reasons (21,175 medical and 20,310 surgical visits for a 51%/49% split, based on the most responsible physician (MRP). Of these, 25,273 (69 per day or 61% of total visits) were inpatient visits (79% medical and 21% surgical visits).

27,755 procedures were performed during the 41,485 visits in 2017/18. Of these, 21,716 (78%) were performed by surgeons.

Of the 21,716 procedures performed by surgeons (refer to Tables 2 - 5 for details):

- 15,162 (70%) were performed on a surgical day care basis and 6,554 (30%) on inpatients.
- The highest number were dentistry (22% of total visits), followed by otolaryngology (21%), orthopedic (15%) and general surgery (12%).
- 9,663 (44% of the total provincial procedures) were performed at Children's & Women's (C&W),
   3,622 (17%) in Island Health, 3,120 (14%) in IH, 2,802 (13%) in FH, 1,696 (8%) in NHA and 813 (4%) in VCH.
- The highest number were performed on children living in FHA (34% of the total provincial procedures), followed by children living in Island Health (19% of total procedures) and IH (18% of total procedures). On a per capita basis, the number was lower in FHA/VCH (49% of the total surgical visits vs 63% of the population) than in the other HAs.
- 67% 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 (94% in VCH and 84% in VIHA). Children living in FHA were the least likely (35%).
  - Children requiring otolaryngology services were the most likely to access services in their home HA (84%), followed by gynecology (81%), orthopedic surgery (75%), oral surgery (74%), dentistry (70%) and general surgery (66%).
  - Services that children were most likely to travel to another HA to receive were neurosurgery (79% travelled to another HA) and cardiac surgery (76% travelled).





Table 2: Surgical Procedures, Children Ages 0 – 16.9 Yrs, by Surgical Specialty (CIHI, 2017/18)

	P	rocedures			%		%
		Day		% Total	SDC/Total		C&W/Total
Procedure MD	Inpatient	Surgery	Total	Procedures	Procedures	C&W	Procedures
Anaesthesiology	28	95	123	1%	77%	105	85%
Cardiac/Thoracic Surgery	296	8	304	1%	3%	287	94%
Dentistry	24	4,845	4,869	22%	100%	2,215	45%
General Surgery	1,704	972	2,676	12%	36%	1,223	46%
Gynaecology	54	133	187	1%	71%	44	24%
Neurosurgery	227	20	247	1%	8%	234	95%
Ophthalmology	46	949	995	5%	95%	738	74%
Oral Surgery	89	457	546	3%	84%	170	31%
Orthopaedic Surgery	1,465	1,707	3,172	15%	54%	1,010	32%
Otolaryngology	1,114	3,391	4,505	21%	75%	791	18%
Plastic Surgery	309	759	1,068	5%	71%	535	50%
Radiology	914	723	1,637	8%	44%	1,479	90%
Urology	247	1,102	1,349	6%	82%	795	59%
Total Procedures	6,517	15,161	21,678	100%	70%	9,626	44%

Table 3: Surgical Procedures, Children 0 – 16.9 Yrs, by Surgical Specialty & HA of Treating Hospital (CIHI, 2017/18)

				HA of Treati	ng Hospital				
			Van	Van		Total, excl		Total, incl	% Total
Procedure MD	Interior	Fraser	Coastal	Island	Northern	C&W	C&W	C&W	Visits
Anaesthesiology	6	2		10		18	105	123	1%
Cardiac/Thoracic Surgery	2	8	6		1	17	287	304	1%
Dentistry	874	213	85	859	623	2654	2,215	4,869	22%
General Surgery	255	369	120	500	209	1453	1,223	2,676	12%
Gynaecology	49	26	11	31	26	143	44	187	1%
Neurosurgery	3	2	4	4		13	234	247	1%
Ophthalmology	60	22	20	137	18	257	738	995	5%
Oral Surgery	10	108	18	194	46	376	170	546	3%
Orthopaedic Surgery	508	649	211	486	308	2162	1,010	3,172	15%
Otolaryngology	994	1,120	235	977	388	3714	791	4,505	21%
Plastic Surgery	134	134	25	196	44	533	535	1,068	5%
Radiology	63	11	19	59	6	158	1,479	1,637	8%
Urology	162	138	59	168	27	554	795	1,349	6%
<b>Total Procedures</b>	3,120	2,802	813	3,621	1,696	12,052	9,626	21,678	100%
% Total Procedures	14%	13%	4%	17%	8%	56%	44%	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, 2017/18)

			Child's Hom	e Residence				
						Total,		
			Van	Van		excl		Total, incl
Procedure MD	Interior	Fraser	Coastal	Island	Northern	Other	Other	Other
Anaesthesiology	20	54	18	23	6	121	2	123
Cardiac/Thoracic Surgery	37	125	51	35	15	263	41	304
Dentistry	940	1,336	610	891	633	4410	459	4,869
General Surgery	361	947	454	580	290	2632	44	2,676
Gynaecology	50	55	21	32	28	186	1	187
Neurosurgery	41	93	42	41	22	239	8	247
Ophthalmology	123	416	199	178	60	976	19	995
Oral Surgery	16	195	72	196	63	542	4	546
Orthopaedic Surgery	570	1,098	524	531	359	3082	90	3,172
Otolaryngology	1,069	1,381	612	1014	417	4493	12	4,505
Plastic Surgery	178	379	170	234	91	1052	16	1,068
Radiology	231	668	363	223	125	1610	27	1,637
Urology	237	580	238	209	73	1337	12	1,349
Total Procedures	3,873	7,327	3,374	4,187	2,182	20,943	735	21,678
% Total Procedures	18%	34%	16%	19%	10%	97%		
Pop'n, 0 – 16.9 Yrs	115,908	330,865	166,518	117,107	58,550	788,948		
% 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, 2017/18)

			Child's Hom	ne Residence		
Procedure MD¹	IHA	FHA	VCH <sup>2</sup>	VIHA	NHA	Prov Avg
Anaesthesiology	30%	4%	100%	43%	0%	30%
Cardiac/Thoracic Surgery	5%	6%	100%	0%	7%	24%
Dentistry	92%	16%	96%	94%	95%	70%
General Surgery	66%	38%	99%	84%	71%	66%
Gynaecology	98%	45%	95%	94%	93%	81%
Neurosurgery	7%	2%	100%	10%	0%	21%
Ophthalmology	47%	5%	98%	76%	30%	44%
Oral Surgery	63%	47%	86%	97%	73%	74%
Orthopaedic Surgery	84%	55%	94%	87%	79%	75%
Otolaryngology	92%	72%	80%	94%	86%	84%
Plastic Surgery	74%	33%	97%	82%	48%	62%
Radiology	26%	2%	100%	26%	4%	31%
Urology	67%	23%	99%	78%	36%	54%
% Procedures in Home HA	79%	35%	94%	84%	74%	67%

#### 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 57/108<sup>i</sup> (53%) hospitals in 2017/18 (CIHI).
- Of the 57 hospitals where surgery was performed on children:
  - 24/57 (42%) performed day care surgery only (defined as 5 or fewer inpatient procedures per year).
  - 23/57 (40%) performed fewer than 100 procedures, 31 performed between 100 and 1,000 procedures and 3/57 performed more than 1,000 procedures (BCCH, Victoria General and Surrey Memorial).
  - 20/57 (35%) 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. <a href="http://Childhealthbc.ca/tiers-service/childrens-surgical-services">http://Childhealthbc.ca/tiers-service/childrens-surgical-services</a>. 2013:1-15.
- 2. BC Medical Quality Initiative. Family practice enhanced surgical skills dictionary. <a href="http://Bcmqi.ca/Published%20Dictionaries/FamilyPracticeEnhancedSurgicalSkills(2017-11).pdf">http://Bcmqi.ca/Published%20Dictionaries/FamilyPracticeEnhancedSurgicalSkills(2017-11).pdf</a>. [June 28, 2019]. 2017:1-13.
- 3. Enhanced surgical skills (ESS) and obstetrical surgical skills (OSS) in canada: Demographics . <a href="https://ess.rccbc.ca/second-page/">https://ess.rccbc.ca/second-page/</a>. Accessed 16/28, 2019.
- 4. Grzybowski S. Article original the outcomes of perinatal surgical services in rural british columbia: A population-based study; <a href="http://www.facturation.net/cjrm/vol-18/issue-4/123">http://www.facturation.net/cjrm/vol-18/issue-4/123</a>. Can J Rural Med. 2013;18(4).
- 5. BC Medical Quality Initiative. Family practice anesthesia clinical privileges. http://Bcmqi.ca/Published%20Dictionaries/FamilyPracticeAnesthesia(2017-11).pdf. 2017:1-9.
- 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; http://www.srpc.ca/pdf/ippeng.pdf; 2011.

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<sup>&</sup>lt;sup>1</sup> 58/76 (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).
- Day care visits = Surgical or medical day care visits in which an anesthetic was provided.
- Medical and surgical data is for fiscal year 2017/2018. Source is the BC MoH Discharge Abstract Database.
- Emergency Department (ED) visits: Based on 2017/18 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% of total ED visits. 2017/18 MIS data was used for total ED visits.

					Surgery					Me	dical		Med	/Surg	Cara
Treating Hosp	ED Visits	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	Gen Ped Beds
Interior	74,688	2,450	670	3,120	2,446	669	3,115	1,161	30	1,840	1,870	4,247	4,985	5,408	30
East Kootenay	11,642	385	48	433	385	57	442	124	5	167	172	287	614	411	2
Creston Valley Hospital	2,445	51		51	51		51	0	2	17	19	28	70	28	
East Kootenay Regional Hosp	3,464	289	48	337	289	57	346	124	1	89	90	163	436	287	2
Elk Valley Hospital	1,817	26		26	26		26		2	37	39	57	65	57	
Elkford Health Centre	238														
Golden and District Hosp	1,261	19		19	19		19			16	16	25	35	25	
Invermere and District Hosp	1,655									8	8	14	8	14	
Sparwood Health Centre	762														
Kootenay Boundary	9,668	245	33	278	245	30	275	67	0	221	221	511	496	578	4
Arrow Lakes Hospital	777									1	1	1	1	1	
Boundary Hospital	2,061									2	2	8	2	8	
Castlegar & Dist Comm HIth Ctre	1,579														
Edgewood Health Centre	363														
Kootenay Boundary Regional Hospital	2,328	124	30	154	124	26	150	61		177	177	424	327	485	4
Kootenay Lake Hospital	2,004	121	3	124	121	4	125	6		41	41	78	166	84	
Slocan Community Health Centre	330														
Victorian Comm Hlth Cntr of Kaslo	226														
Okanagan	27,877	1,236	359	1,595	1,235	357	1,592	557	10	953	963	2,330	2,555	2,887	15
Kelowna General Hospital	10,518	526	159	685	526	147	673	256	6	506	512	1,358	1,185	1,614	10
Penticton Regional Hospital	5,676	73	41	114	73	47	120	68	1	189	190	398	310	466	
Princeton General Hospital	1,094														
South Okanagan General Hosp	2,709														
South Similkameen Health Ctre	408														
Summerland Memorial Hlth Ctre		466		466	465		465						465		
Vernon Jubilee Hospital	7,472	171	159	330	171	163	334	233	3	258	261	574	595	807	5
Thompson Cariboo Shuswap	25,501	584	230	814	581	225	806	413	15	499	514	1,119	1,320	1,532	9
100 Mile District General Hosp	1,817	4		4	4		4	0	12	11	23	25	27	25	
Alexis Creek Health Centre	201														
Ashcroft Hospital	310														
Barriere Health Centre	255														
Blue River Health Centre	42														
Cariboo Memorial Hosp	2,962	48	9	57	48	8	56	18		70	70	166	126	184	
Chase and District Health Centre	651														
Dr. Helmcken Memorial Hospital	517									2	2	4	2	4	
Lillooet Hosp and H Ctre	935	15		15	15		15	0	1	8	9	16	24	16	
Nicola Valley Health Centre	2,102														





Queen Victoria Hospital   1,346   4   8   4   4   8   4   8   4   15   15   15   19   23   23						Surgery					Me	dical		Med	/Surg	Gen
Royal Inland Hospital   19,898   483   207   690   480   205   685   361   2   367   489   494   4,210	Treating Hosp	ED Visits	Care	•		Care	•			Care	-					Ped Beds
Shunwap Lake General Hospital   3,150   30   10   40   30   88   38   30   10   26   26   40   64   70	Queen Victoria Hospital	1,346	4	4	8	4	4	8	4		15	15	19	23	23	
Second common   Second Commo	Royal Inland Hospital	10,898	483	207	690	480	205	685	361	2	367	369	849	1,054	1,210	9
Freser Sear	Shuswap Lake General Hospital	3,150	30	10	40	30	8	38	30		26	26	40	64	70	
Friedrich	St. Bartholomew's Health Ctre	315														
Abbotsford Regional Hospital   3,389   337   224   561   337   222   559   339   1   972   973   2,377   1,532   2,716   Chiliwark General Hospital   9,905   43   4   47   43   4   47   5   5   12   12   20   59   25   Fraser Carryon Hospital   1,490   7   7   7   7   7   7   7   7   7	Fraser	121,834	1,826	976	2,802	1,820	1,035	2,855	1,592	11	3,519	3,530	8,486	6,385	10,078	57
Cancer Centre 13,589 337 424 901 337 222 559 339 1 972 973 2,377 1,352 2,715 Chilliwack General Hospital 9,505 43 4 47 5 5 12 22 20 559 255 Frisrec Canyon Hospital 1,490 1 1,490 1 1,505 217 722 564 245 749 451 1 750 751 1,500 1,500 1,600 1 1,600	Fraser East	27,622	380	228	608	380	226	606	344	1	984	985	2,397	1,591	2,741	16
Frieser Carryon Hospital   1,490   1		13,389	337	224	561	337	222	559	339	1	972	973	2,377	1,532	2,716	12
Mission Memorial Hospital   3,238   3,711   505   217   722   504   245   749   451   1   750   751   1,509   1,500   1,960	Chilliwack General Hospital	9,505	43	4	47	43	4	47	5		12	12	20	59	25	4
Fraser North	Fraser Canyon Hospital	1,490														
Burnaby Hospital 8,796 1 1 2 2 1 3 4 3 7 74 74 87 78 99 0    Lagle Ridge Hospital 8,177 208 208 1 209 1 209 1 117 117 117 326 118    Ridge Meadow-Hospital 7,494 155 38 139 154 54 208 129 8 8 8 8 216 137    Royal Columbian Hospital 10,304 141 178 319 141 187 328 318 1 551 552 1,297 880 1,615    Fraser South 59,501 944 531 1,472 936 41,500 797 9 1,788 1,794 4,580 3,294 5,377    Delta Hospital 3,382 43 1 44 41 1 42 1 52 52 52 52 52 94 53    Jim Pattision Outpt Care and Surgery Ctre    Surgery	Mission Memorial Hospital	3,238														
Eagle Ridge Hospital 8,117 208 208 10 208 11 209 11 117 117 117 326 118 Ridge Meadows Hospital 7,494 155 38 193 154 54 208 129 8 8 8 8 216 137 Royal Columbian Hospital 10,304 141 178 319 141 187 328 1318 1 555 12,1279 880 1,615 Fraser South 95,501 941 531 1,472 936 564 1,500 797 9 1,785 1,794 4,580 3,294 5,377 Delta Hospital 3,382 43 1 44 41 1 42 1 52 52 52 52 94 53 Jim Pattson Outpt Care and Surgery Ctre 1,000 110 110 110 110 110 110 110 110 1	Fraser North	34,711	505	217	722	504	245	749	451	1	750	751	1,509	1,500	1,960	16
Ridge Meadows Hospital 7,494 155 38 193 154 54 208 129 8 8 8 8 216 137 Royal Columbian Hospital 1,0304 141 178 319 141 187 328 318 1 551 552 1,297 880 1,615 Fraser South 59,501 941 531 1,472 936 564 1,500 797 9 1,785 1,794 4,580 3,794 5,377 Delta Hospital 3,382 43 1 44 41 1 42 1 5 52 52 52 52 94 53 Jim Pattiston Outpt Care and Surgery Ctre 1 5 5 5 5 5 0 6 6 6 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 0 6 6 6 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 0 6 6 6 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 0 6 6 6 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 0 6 6 6 0 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 0 6 6 6 0 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 0 6 6 6 0 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 5 0 6 6 6 0 0 11 0 0 Surgery Ctre 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Burnaby Hospital	8,796	1	1	2	1	3	4	3		74	74	87	78	90	
Rigge Meadows Hospital	Eagle Ridge Hospital	8,117	208		208	208	1	209	1		117	117	117	326	118	
Royal Columbian Hospital   10,304   141   178   319   141   187   328   318   1   551   552   1,297   880   1,615		7,494	155	38	193	154	54	208	129		8	8	8	216	137	4
Fraser South		<u> </u>		178	319	141	187	328		1	551	552	1.297		1.615	12
Delta Hospital   3,382   43   1   44   41   1   42   1   52   52   52   52   94   53     Im Pattison Outpt Care and Surgery Cire   5   5   5   5   5   0   6   0   11   0     Langley Memorial Hospital   6,333   144   64   208   142   72   214   108   1   383   384   984   598   1,092     Peace Arch District Hospital   6,353	· · · · · · · · · · · · · · · · · · ·						_									25
Jim Pattison Outpt Care and Surgery Ctre   S   S   S   S   S   S   S   S   S		-			-			•	ļ				-	-		
Langley Memorial Hospital	Jim Pattison Outpt Care and	3,302					-			6	32					
Peace Arch District Hospital   43,372   749   466   1,215   748   491   1,239   688   1   1,347   1,348   3,541   2,587   4,229	- '	6 394	1///	64	208	1/12	72	21/	108	1	383	38/1	984	508	1.092	9
Surrey Memorial Hospital   43,372   749   466   1,215   748   491   1,239   688   1   1,347   1,348   3,541   2,587   4,229			144	04	200	142	72	214	100							9
Vancouver Coastal         32,891         587         226         813         531         250         781         506         141         821         962         1,624         1,743         2,130           North Shore/Coast Garibaldi         21,256         361         141         502         305         154         459         226         83         540         623         1,132         1,082         1,358           Bella Coola General Hospital         8,674         191         129         320         191         142         333         198         26         450         476         986         809         1,184           Pemberton D and T Centre         817         817         82         27         6         33         18         1         16         17         31         50         49           R.W. Large Memorial Hospital         2,523         15         2         17         15         2         17         6         26         26         40         43         46           Squamish General Hospital         2,338         128         5         133         72         4         76         4         56         23         79         30         155 <td></td> <td></td> <td>740</td> <td>166</td> <td>1 215</td> <td>7/10</td> <td>401</td> <td>1 220</td> <td>600</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td>16</td>			740	166	1 215	7/10	401	1 220	600				_			16
North Shore/Coast Garibaldi	, ,										•				·	
Bella Coola General Hospital 417   129   320   191   142   333   198   26   450   476   986   809   1,184   Pemberton D and T Centre 817   129   320   191   142   333   198   26   450   476   986   809   1,184   Pemberton D and T Centre 817   129   320   191   142   333   198   26   450   476   986   809   1,184   Pemberton D and T Centre 817   150   150   150   150   150   R.W. Large Memorial Hospital 508   150   150   150   150   150   150   R.W. Large Memorial Hospital 508   150   150   150   150   150   150   150   150   Rechelt Hospital 12,338   128   5   133   72   4   76   4   56   23   79   30   155   34   Whistler D and T Centre 3,173   150   150   150   150   150   150   150   150   Richmond   7,006   93   38   131   93   46   139   75   1   215   216   375   355   450   Richmond Hospital   7,006   93   38   131   93   46   139   75   1   215   216   375   355   450   Richmond Hospital   7,006   93   38   131   93   46   139   75   1   215   216   375   355   450   Richmond Hospital   1,165   14   14   14   14   14   14   14   1		-											-	-	-	14
Lions Gate Hospital	-	-	361	141	502	305	154	459	226	83			-	-	-	10
Pemberton D and T Centre			404	120	222	404	4.40	222	100	2.5			_			
Powell River General Hospital   2,806   27   5   32   27   6   33   18   1   16   17   31   50   49		-	191	129	320	191	142	333	198	26	450	4/6	986	809	1,184	10
R.W. Large Memorial Hospital 508							_									
Sechelt Hospital   2,523   15   2   17   15   2   17   6   26   26   40   43   46	·		27	5	32	27	6	33	18	1						
Squamish General Hospital         2,338         128         5         133         72         4         76         4         56         23         79         30         155         34           Whistler D and T Centre         3,173         3         131         93         46         139         75         1         215         216         375         355         450           Richmond         7,006         93         38         131         93         46         139         75         1         215         216         375         355         450           Vancouver         4,629         133         47         180         133         50         183         205         57         66         123         117         306         322           Mount Saint Joseph Hospital         1,451         25         4         29         25         5         30         8         2         63         65         104         95         112           UBC Health Sciences Centre         1,870         54         12         66         54         12         66         13         0         0         66         13           Vancouver General Hospital <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>	<u> </u>						_								_	
Whistler D and T Centre         3,173         3         38         131         93         46         139         75         1         215         216         375         355         450           Richmond         7,006         93         38         131         93         46         139         75         1         215         216         375         355         450           Vancouver         4,629         133         47         180         133         50         183         205         57         66         123         117         306         322           Mount Saint Joseph Hospital         1,165         14         14         14         14         0         1         1         2         5         16         5           St. Paul's Hospital         1,451         25         4         29         25         5         30         8         2         63         55         104         95         112           UBC Health Sciences Centre         1,870         54         12         66         54         12         66         13          0         0         66         13           Vancouver Island         56,071	· '	<u> </u>													_	
Richmond         7,006         93         38         131         93         46         139         75         1         215         216         375         355         450           Richmond Hospital         7,006         93         38         131         93         46         139         75         1         215         216         375         355         450           Vancouver         4,629         133         47         180         133         50         183         205         57         66         123         117         306         322           Mount Saint Joseph Hospital         1,165         14         14         14         14         0         1         1         2         5         16         5           St. Paul's Hospital         1,451         25         4         29         25         5         30         8         2         63         65         104         95         112           UBC Health Sciences Centre         1,870         54         12         66         54         12         66         13         0         0         0         66         13           Vancouver Island         256,071		-	128	5	133	72	4	76	4	56	23	79	30	155	34	
Richmond Hospital 7,006 93 38 131 93 46 139 75 1 215 216 375 355 450  Vancouver 4,629 133 47 180 133 50 183 205 57 66 123 117 306 322  Mount Saint Joseph Hospital 1,165 14 14 14 14 14 0 1 1 1 2 5 16 5  St. Paul's Hospital 1,451 25 4 29 25 5 30 8 2 63 65 104 95 112  UBC Health Sciences Centre 1,870 54 12 66 54 12 66 13 0 0 0 66 13  Vancouver General Hospital 143 40 31 71 40 33 73 184 54 2 56 8 129 192  Vancouver Island 56,071 2,778 843 3,621 2,778 765 3,543 1,265 12 2,105 2,117 6,733 5,660 7,998  Central Vancouver Island 24,530 947 189 1,136 947 196 1,143 332 3 641 644 1,539 1,787 1,871  Bamfield Health Centre 175  Chemainus Health Care Centre 986  Cowichan District Hospital 4,698 275 34 309 275 38 313 64 1 177 178 437 491 501  Ladysmith Comm Hith Ctre 2,313  Nanaimo Regional General Hosp 7,826 622 148 770 622 150 772 256 404 404 404 1,023 1,176 1,279  Oceanside Health Centre 3,864  Tofino General Hospital 940	Whistler D and T Centre	-														
Vancouver         4,629         133         47         180         133         50         183         205         57         66         123         117         306         322           Mount Saint Joseph Hospital         1,165         14         14         14         14         0         1         1         2         5         16         5           St. Paul's Hospital         1,451         25         4         29         25         5         30         8         2         63         65         104         95         112           UBC Health Sciences Centre         1,870         54         12         66         54         12         66         13         0         0         0         66         13           Vancouver General Hospital         143         40         31         71         40         33         73         184         54         2         56         8         129         192           Vancouver Island         56,071         2,778         843         3,621         2,778         765         3,543         1,265         12         2,105         2,117         6,733         5,660         7,998           Central Va		-			_		46		ļ							4
Mount Saint Joseph Hospital   1,165   14	Richmond Hospital	7,006	93	38	131	93	46	139	75	1	215	216	375	355	450	4
St. Paul's Hospital         1,451         25         4         29         25         5         30         8         2         63         65         104         95         112           UBC Health Sciences Centre         1,870         54         12         66         54         12         66         13         0         0         66         13           Vancouver General Hospital         143         40         31         71         40         33         73         184         54         2         56         8         129         192           Vancouver Island         56,071         2,778         843         3,621         2,778         765         3,543         1,265         12         2,105         2,117         6,733         5,660         7,998           Central Vancouver Island         24,530         947         189         1,136         947         196         1,143         332         3         641         644         1,539         1,787         1,871           Bamfield Health Centre         175         175         189         1,136         947         196         1,143         332         3         641         1,787         1,871         1,87	Vancouver	4,629	133	47	180	133	50	183	205	57	66	123	117	306	322	0
UBC Health Sciences Centre         1,870         54         12         66         54         12         66         13         0         0         66         13           Vancouver General Hospital         143         40         31         71         40         33         73         184         54         2         56         8         129         192           Vancouver Island         56,071         2,778         843         3,621         2,778         765         3,543         1,265         12         2,105         2,117         6,733         5,660         7,998           Central Vancouver Island         24,530         947         189         1,136         947         196         1,143         332         3         641         644         1,539         1,787         1,871           Bamfield Health Centre         175         175         189         1,136         947         196         1,143         332         3         641         641         1,539         1,787         1,871           Chemainus Health Centre         986         275         34         309         275         38         313         64         1         177         178         437	Mount Saint Joseph Hospital	1,165	14		14	14		14	0	1	1	2	5	16	5	
Vancouver General Hospital         143         40         31         71         40         33         73         184         54         2         56         8         129         192           Vancouver Island         56,071         2,778         843         3,621         2,778         765         3,543         1,265         12         2,105         2,117         6,733         5,660         7,998           Central Vancouver Island         24,530         947         189         1,136         947         196         1,143         332         3         641         644         1,539         1,787         1,871           Bamfield Health Centre         175         175         189         1,136         947         196         1,143         332         3         641         644         1,539         1,787         1,871           Bamfield Health Centre         986	St. Paul's Hospital	1,451	25	4	29	25	5	30	8	2	63	65	104	95	112	
Vancouver Island         56,071         2,778         843         3,621         2,778         765         3,543         1,265         12         2,105         2,117         6,733         5,660         7,998           Central Vancouver Island         24,530         947         189         1,136         947         196         1,143         332         3         641         644         1,539         1,787         1,871           Bamfield Health Centre         175         175         176         178         1787         1,871	UBC Health Sciences Centre	1,870	54	12	66	54	12	66	13			0	0	66	13	
Central Vancouver Island         24,530         947         189         1,136         947         196         1,143         332         3         641         644         1,539         1,787         1,871           Bamfield Health Centre         175         175         178         178         1787         1,871           Chemainus Health Care Centre         986         986         178         188         178         178         178         178         178         178         178         178         178         178         178         178         178         178         178         178         178	Vancouver General Hospital	143	40	31	71	40	33	73	184	54	2	56	8	129	192	
Bamfield Health Centre	Vancouver Island	56,071	2,778	843	3,621	2,778	765	3,543	1,265	12	2,105	2,117	6,733	5,660	7,998	33
Chemainus Health Care Centre         986         4,698         275         34         309         275         38         313         64         1         177         178         437         491         501           Ladysmith Comm Hith Ctre         2,313         2,313         309         275         38         313         64         1         177         178         437         491         501           Nanaimo Regional General Hosp         7,826         622         148         770         622         150         772         256         404         404         1,023         1,176         1,279           Oceanside Health Centre         3,864         3,86	Central Vancouver Island	24,530	947	189	1,136	947	196	1,143	332	3	641	644	1,539	1,787	1,871	12
Cowichan District Hospital         4,698         275         34         309         275         38         313         64         1         177         178         437         491         501           Ladysmith Comm HIth Ctre         2,313	Bamfield Health Centre	175														
Ladysmith Comm HIth Ctre       2,313 </td <td>Chemainus Health Care Centre</td> <td>986</td> <td></td>	Chemainus Health Care Centre	986														
Nanaimo Regional General Hosp         7,826         622         148         770         622         150         772         256         404         404         1,023         1,176         1,279           Oceanside Health Centre         3,864         3,864         26         26         26         33         26         33           West Coast General Hospital         3,728         50         7         57         50         8         58         12         2         34         36         46         94         58           North Vancouver Island         12,127         356         80         436         356         77         433         153         0         222         222         519         655         672           Cormorant Island Comm Hlth Ctre         224         2         486	Cowichan District Hospital	4,698	275	34	309	275	38	313	64	1	177	178	437	491	501	4
Oceanside Health Centre         3,864         26         26         33         26         33           Tofino General Hospital         3,728         50         7         57         50         8         58         12         2         34         36         46         94         58           North Vancouver Island         12,127         356         80         436         356         77         433         153         0         222         222         519         655         672           Cormorant Island Comm Hlth Ctre         224         36         356	Ladysmith Comm Hlth Ctre	2,313														
Tofino General Hospital         940         26         26         33         26         33           West Coast General Hospital         3,728         50         7         57         50         8         58         12         2         34         36         46         94         58           North Vancouver Island         12,127         356         80         436         356         77         433         153         0         222         222         519         655         672           Cormorant Island Comm HIth Ctre         224         36         36         36         36         36         36         37         433         153         0         222         222         519         655         672	Nanaimo Regional General Hosp	7,826	622	148	770	622	150	772	256		404	404	1,023	1,176	1,279	8
West Coast General Hospital         3,728         50         7         57         50         8         58         12         2         34         36         46         94         58           North Vancouver Island         12,127         356         80         436         356         77         433         153         0         222         222         519         655         672           Cormorant Island Comm HIth Ctre         224	Oceanside Health Centre	3,864														
West Coast General Hospital         3,728         50         7         57         50         8         58         12         2         34         36         46         94         58           North Vancouver Island         12,127         356         80         436         356         77         433         153         0         222         222         519         655         672           Cormorant Island Comm HIth Ctre         224	Tofino General Hospital	940									26	26	33	26	33	
North Vancouver Island         12,127         356         80         436         356         77         433         153         0         222         222         519         655         672           Cormorant Island Comm Hith Ctre         224 </td <td>•</td> <td>3,728</td> <td>50</td> <td>7</td> <td>57</td> <td>50</td> <td>8</td> <td>58</td> <td>12</td> <td>2</td> <td>34</td> <td>36</td> <td>46</td> <td>94</td> <td>58</td> <td></td>	•	3,728	50	7	57	50	8	58	12	2	34	36	46	94	58	
Cormorant Island Comm HIth Ctre 224 Gold River Health Centre 486	·	-		80			77		153	0				655		5
Gold River Health Centre 486		-		<u> </u>			-		<u> </u>							Ť
																<u> </u>
I KVUQUOT HEAlTN CENTRE   195	Kyuquot Health Centre	195		<u> </u>					<u> </u>							



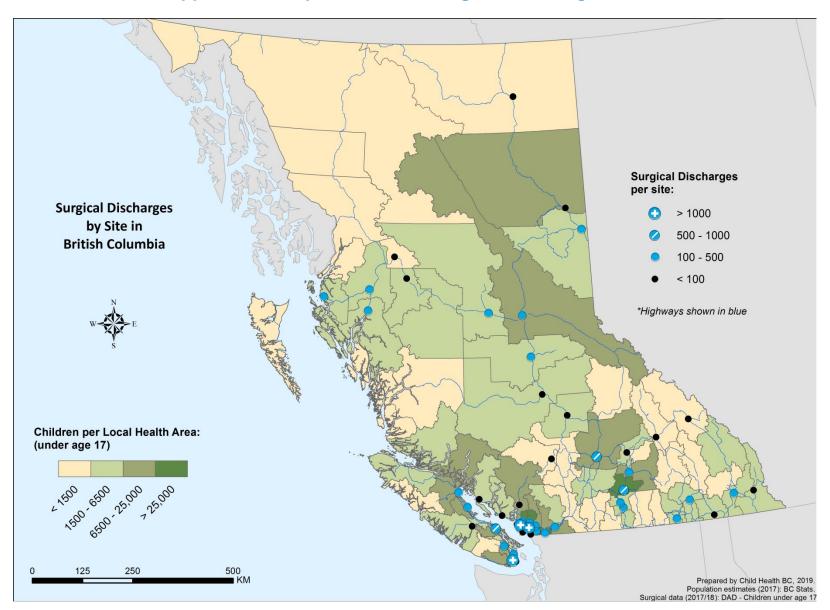


					Surgery					Me	dical		Med	/Surg	Gen
Treating Hosp	ED Visits	Day Care Procs	Inpt Procs	Total Procs	Day Care Visits	Inpt Visits	Total Visits	Total Days	Day Care Visits	Inpt Visits	Total Visits	Total Days	Total Visits	Total Days	Ped Beds
North Island Hosp Campbell River	2,980	172	34	206	172	32	204	55		93	93	203	297	258	1
North Island Hosp Comox Valley	3,674	86	24	110	86	21	107	44	0	60	60	101	167	145	4
Port Alice Health Centre	124														
Port Hardy Hospital	1,302									12	12	22	12	22	
Port McNeill And District Hospital	634									5	5	8	5	8	
St. Joseph's General Hospital	2,104	98	22	120	98	24	122	54	0	52	52	185	174	239	
Tahsis Health Centre	404														
South Vancouver Island	19,414	1,475	574	2,049	1,475	492	1,967	780	9	1,242	1,251	4,675	3,218	5,455	16
Lady Minto / Gulf Islands Hospital	1,656								1	3	4	8	4	8	
Royal Jubilee Hospital	2,470	34	4	38	34	14	48	14	2	32	34	33	82	47	
Saanich Peninsula Hospital	2,502	207		207	207		207						207	0	
Victoria General Hospital	12,786	1,234	570	1,804	1,234	478	1,712	766	6	1,207	1,213	4,634	2,925	5,400	16
Northern	41,167	1,512	184	1,696	1,511	188	1,699	417	112	1,017	1,129	2,628	2,828	3,045	12
Northeast	9,602	231	16	247	230	18	248	39	63	201	264	438	512	477	0
Chetwynd General Hospital	1,115									5	5	7	5	7	
Dawson Creek and District Hosp	2,906	106	10	116	105	13	118	28	26	62	88	99	206	127	
Fort Nelson General Hospital	1,008	4		4	4		4	0	4	10	14	17	18	17	
Fort St. John General Hospital	4,097	121	6	127	121	5	126	11	33	124	157	315	283	326	
Hudson's Hope D & T Centre	34														
Tumbler Ridge D & T Centre	442														
Northern Interior	16,607	597	133	730	597	136	733	300	30	550	580	1,649	1,313	1,949	12
Fraser Lake D And T Centre	797			700			700				300	_,0.0	_,	_,_,	
G.R. Baker Memorial Hospital	2,591	235	22	257	235	22	257	24	5	7	12	7	269	31	
Lakes District Hospital & HIth Ctr	1,793	233		237	233		23,			15	15	23	15	23	
Mackenzie And District Hospital	924									6	6	19	6	19	
McBride and District Hospital	274									2	2	4	2	4	
St. John Hospital	1,607	67	12	79	67	12	79	12	18	36	54	62	133	74	
Stuart Lake Hospital	907	- 07	12	73	07	12	,,,	12	10	30	34	02	133	7-	
The University Hosp of Nrthrn BC	7,189	295	99	394	295	102	397	264	7	484	491	1,534	888	1,798	12
Valemount D & T Centre	525	233	33	334	233	102	337	204	,	404	431	1,334	000	1,738	12
Northwest	14,958	684	35	719	684	34	718	78	19	266	285	541	1,003	619	0
Atlin Health Centre	432	004	33	719	004	34	710	76	13	200	203	341	1,003	019	-
Bulkley Valley District Hospital	2,222	45	2	47	45	2	47	2	13	26	39	47	86	49	
Haida Gwaii Hosp and Hlth Ctre	451	45		47	43		47		13	10	10	18	10	18	
Houston D and T Centre	823									10	10	10	10	10	-
	1,680	111		114	114		114	0	2	36	38	66	152	66	-
Kitimat General Hospital		114	24			24			1						<u> </u>
Mills Memorial Hospital  Northern Haida Gwaii Hosp and	3,992	254	24	278	254	24	278	63	2	98	100	204	378	267	<del>                                     </del>
Hlth Ctre	504									4	4	7	4	7	
Prince Rupert Regional Hospital	3,292	170	8	178	170	8	178	13	1	75	76	141	254	154	
Stewart General Hospital	208														
Stikine D & T Centre	158														
Wrinch Memorial Hospital	1,196	101	1	102	101		101	0	1	17	18	58	119	58	
Provincial Health Services Authority	47,872	5,971	3,655	9,626	6,008	2,293	8,301	9,600	812	3,909	4,721	22,030	13,022	31,630	97
B.C. Cancer Agency															
B.C. Children's Hospital	47,872	5,965	3,332	9,297	6,001	2,293	8,294	9,600	812	3,732	4,544	21,739	12,838	31,339	97
B.C. Women's Hospital	<u> </u>	6	323	329	7		7	0		177	177	291	184	291	
Grand Total	374,523		6,554	21,678	15,094	5,200	20,294	14,541	1,118	13,211		45,748		60,289	243





**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, 2017/18 fiscal year.
- 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).

			Age of Child			
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total
Interior	13	65	1,067	1,411	564	3,120
100 Mile District General Hospital			1	3		4
Dentistry			1	3		4
Cariboo Memorial Hospital			18	23	16	57
Dentistry			16	9		25
General Surgery			2	13	14	29
Gynaecology				1	2	3
Creston Valley Hospital			32	16	3	51
Dentistry			32	16	2	50
Otolaryngology					1	1
East Kootenay Regional Hospital		2	109	165	61	337
Anaesthesiology			1	1		2
Dentistry			18	16		34
General Surgery			1	5	9	15
Gynaecology				1	10	11
Ophthalmology				2		2
Orthopaedic Surgery			4	31	20	55
Otolaryngology		2	80	103	18	203
Radiology					1	1
Urology			5	6	3	14
Elk Valley Hospital			12	10	4	26
Dentistry			12	10	3	25
General Surgery					1	1
Golden and District Hospital			10	2	7	19
Dentistry			9	2		11
General Surgery					4	4
Orthopaedic Surgery					3	3
Otolaryngology			1			1
Kelowna General Hospital	5	52	174	291	163	685
Anaesthesiology	-			1	1	2
Cardiac/Thoracic Surgery					2	2
Dentistry			9	14	1	24
General Surgery	1		8	41	14	64
Gynaecology	1	1		_	6	7
Ophthalmology		8	27	18	2	55
Oral Surgery		1	2	3	5	10
Orthopaedic Surgery		7	15	44	68	134
Otolaryngology		13	70	101	23	207
Plastic Surgery	1	5	9	31	32	78
Radiology	1	4	20	22	2	49





			Age of Child			
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total
Urology	1	15	14	16	7	53
Kootenay Boundary Regional Hospital		1	36	78	39	154
Dentistry			1	1		2
General Surgery				5	8	13
Gynaecology			1	1	4	6
Orthopaedic Surgery			5	21	17	43
Otolaryngology		1	25	34	5	65
Plastic Surgery				12		12
Radiology				1		1
Urology			4	3	5	12
Kootenay Lake Hospital			63	55	6	124
Dentistry			62	52	1	115
General Surgery					1	1
Gynaecology				2	2	4
Ophthalmology			1	1	1	3
Orthopaedic Surgery					1	1
Lillooet Hospital And Health Centre			11	4		15
Dentistry			11	4		15
Penticton Regional Hospital		7	20	50	37	114
General Surgery			4	15	8	27
Gynaecology				2	4	6
Orthopaedic Surgery		2	3	16	21	42
Otolaryngology		5	6	13	2	26
Urology			7	4	2	13
Queen Victoria Hospital			2	4	2	8
General Surgery			2	4	2	8
Royal Inland Hospital	5	3	223	326	133	690
Anaesthesiology	1					1
Dentistry			80	91	13	184
General Surgery			2	24	14	40
Gynaecology					4	4
Neurosurgery				1	2	3
Orthopaedic Surgery		1	18	71	56	146
Otolaryngology			91	107	14	212
Plastic Surgery	3	1	13	11	16	44
Radiology	1	1	3	5	1	11
Urology			16	16	13	45
Shuswap Lake General Hospital	1		13	21	5	40
Anaesthesiology	1					1
Dentistry			12	8		20
General Surgery			1	10	5	16
Gynaecology				1	i	1
Orthopaedic Surgery				2		2
Summerland Memorial Health Centre			253	198	15	466
Dentistry			230	129	6	365
Otolaryngology			23	69	9	101
Vernon Jubilee Hospital	2		90	165	73	330
General Surgery			5	16	16	37
Gynaecology	1			2	4	7
			5	43	34	82
Orthopaedic Surgery						





			Age of Child			
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total
Dadiology		113	1	113	113	1
Radiology			1	15	7	1
Urology		24	3	15	7	25
Fraser	6	24	737	1,367	668	2,802
Abbotsford Regional Hospital and Cancer Centre			170	292	99	561
			58	46	6	110
Dentistry			38 4	45	23	72
General Surgery			4			
Gynaecology				1	6	7
Oral Surgery			20	5	4	9
Orthopaedic Surgery			38	98	34	170
Otolaryngology			65	64	11	140
Plastic Surgery				7	6	13
Radiology					2	2
Urology			5	26	7	38
Burnaby Hospital				1	1	2
Orthopaedic Surgery				1		1
Urology					1	1
Chilliwack General Hospital			8	22	17	47
General Surgery				2	1	3
Gynaecology					2	2
Ophthalmology			2			2
Oral Surgery				1	2	3
Orthopaedic Surgery				3	6	9
Otolaryngology			6	10	3	19
Urology				6	3	9
Delta Hospital					44	44
General Surgery					13	13
Ophthalmology					7	7
Oral Surgery					8	8
Orthopaedic Surgery					10	10
Otolaryngology					1	1
Plastic Surgery					3	3
Radiology					2	2
Eagle Ridge Hospital			46	79	83	208
Dentistry			4	6	"	10
General Surgery			-	- U	7	7
Gynaecology					2	2
Oral Surgery				3	3	6
Orthopaedic Surgery				10	49	59
Otthopaedic Surgery Otolaryngology			35	48	11	94
				9	9	24
Plastic Surgery		+	6	3	2	
Urology			1	3	<u> </u>	6
Jim Pattison Outpatient Care and Surgery Centre, Surrey				2	3	5
					2	
General Surgery				2		2
Plastic Surgery			22	2	1	3
Langley Memorial Hospital			22	99	87	208
General Surgery		+		13	27	40
Gynaecology				1	1	2
Oral Surgery		+	5	34	20	59
Orthopaedic Surgery		İ	5	27	24	56





		Age of Child						
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total		
Otolaryngology			12	22	11	45		
Radiology				1	1	2		
Urology				1	3	4		
Ridge Meadows Hospital And Health Care								
Centre			73	74	46	193		
Dentistry			63	25		88		
General Surgery			1	8	14	23		
Gynaecology					3	3		
Ophthalmology			1			1		
Oral Surgery				2		2		
Orthopaedic Surgery			7	32	23	62		
Urology			1	7	6	14		
Royal Columbian Hospital	3		31	162	123	319		
Anaesthesiology					1	1		
Cardiac/Thoracic Surgery					4	4		
General Surgery			1	43	22	66		
Gynaecology				1	3	4		
Neurosurgery				1	1	2		
Ophthalmology	3			1	_	4		
Oral Surgery					2	2		
Orthopaedic Surgery			26	88	58	172		
Otolaryngology			4	1		5		
Plastic Surgery				24	30	54		
Radiology				1	1	2		
Urology			207	2	1	3		
Surrey Memorial Hospital	3	24	387	636	165	1,215		
Anaesthesiology					1	1		
Cardiac/Thoracic Surgery			4		4	4		
Dentistry			4	1 02	27	5		
General Surgery			13	93	37 5	143 6		
Gynaecology			1	3	4	8		
Ophthalmology Oral Surgery		+	1	9	10	19		
Orthopaedic Surgery		1	29	56	24	110		
Otolaryngology	2	19	311	423	61	816		
Plastic Surgery		4	12	16	5	37		
Radiology	1	7	12	2		3		
Urology			17	32	14	63		
Vancouver Coastal	2	2	137	332	340	813		
Lions Gate Hospital	1	2	61	152	104	320		
General Surgery			1	36	25	62		
Gynaecology			_		3	3		
Ophthalmology					1	1		
Oral Surgery				2	1	3		
Orthopaedic Surgery		1	5	45	61	112		
Otolaryngology		1	54	65	5	125		
Plastic Surgery			1	3	5	9		
Radiology	1					1		
Urology				1	3	4		
Mount Saint Joseph Hospital				3	11	14		
General Surgery				1	5	6		





	Age of Child					
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9		Total
Ophthalmology				1	3	4
Otolaryngology				1	2	3
Urology					1	1
Powell River General Hospital			2	14	16	32
Dentistry			2	5	11	18
General Surgery				8	5	13
Gynaecology				1		1
Richmond Hospital	1		11	70	49	131
General Surgery				10	11	21
Gynaecology				1	2	3
Orthopaedic Surgery				17	18	35
Otolaryngology			5	15	8	28
Plastic Surgery				3	2	5
Radiology	1					1
Urology			6	24	8	38
Sechelt Hospital			7	8	2	17
Dentistry			5	6		11
General Surgery			2	2	2	6
Squamish General Hospital			52	57	24	133
Dentistry			33	23		56
General Surgery				1	2	3
Gynaecology					1	1
Orthopaedic Surgery				2	8	10
Otolaryngology			19	31	12	62
Plastic Surgery					1	1
St. Paul's Hospital				2	27	29
Cardiac/Thoracic Surgery					1	1
Gynaecology					1	1
Orthopaedic Surgery				1	13	14
Otolaryngology				1	6	7
Plastic Surgery					5	5
Urology					1	1
UBC Health Sciences Centre				1	65	66
Gynaecology					2	2
Ophthalmology					6	6
Oral Surgery				1	14	15
Orthopaedic Surgery					28	28
Otolaryngology					9	9
Plastic Surgery					2	2
Radiology					3	3
Urology					1	1
Vancouver General Hospital			4	25	42	71
Cardiac/Thoracic Surgery				2	3	5
General Surgery				3	6	9
Neurosurgery				1	3	4
Ophthalmology				5	4	9
Orthopaedic Surgery					12	12
Otolaryngology					1	1
Plastic Surgery					3	3
Radiology			3	7	4	14
Urology	<u> </u>		1	7	6	14





			Age of Child			
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total
Vancouver Island	95	222	1,333	1,438	533	3,621
Campbell River and District General Hospital			59	87	60	206
General Surgery			3	11	10	24
Gynaecology				1	2	3
Oral Surgery			7	8	15	30
Orthopaedic Surgery			6	16	12	34
Otolaryngology			41	39	8	88
Plastic Surgery			2	12	13	27
Comox Valley Hospital		1	41	49	19	110
Anaesthesiology					1	1
Dentistry			19	12	4	35
General Surgery			1	3	4	8
Ophthalmology			3			3
Orthopaedic Surgery		1	3	9	1	14
Otolaryngology			14	19	7	40
Urology			1	6	2	9
Cowichan District Hospital			131	127	51	309
Dentistry			66	44	5	115
General Surgery			1	8	11	20
Gynaecology					1	1
Ophthalmology			1	1		2
Oral Surgery				1	3	4
Orthopaedic Surgery			13	16	13	42
Otolaryngology			47	50	10	107
Plastic Surgery			1	2	6	9
Urology			2	5	2	9
Nanaimo Regional General Hospital	2	4	334	333	97	770
Anaesthesiology		2				2
Dentistry	1		239	138	4	382
General Surgery			1	26	15	42
Gynaecology	1			1	3	5
Ophthalmology			9	4	1	14
Oral Surgery			2	18	27	47
Orthopaedic Surgery		1	8	37	19	65
Otolaryngology			69	83	13	165
Plastic Surgery			5	20	12	37
Radiology		1	1		1	3
Urology				6	2	8
Royal Jubilee Hospital				4	34	38
General Surgery					4	4
Ophthalmology				1		1
Orthopaedic Surgery					4	4
Otolaryngology					1	1
Plastic Surgery		1		2	23	25
Radiology		1			1	1
Urology				1	1	2
Saanich Peninsula Hospital			125	63	19	207
Dentistry			125	53	3	181
Gynaecology					1	1
Orthopaedic Surgery				10	14	24





	Age of Child						
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total	
Plastic Surgery					1	1	
St. Joseph's General Hospital			33	67	20	120	
Dentistry			8	10	3	21	
General Surgery				5	1	6	
Gynaecology					2	2	
Ophthalmology			1	1		2	
Orthopaedic Surgery			6	23	5	34	
Otolaryngology			17	23	7	47	
Urology			1	5	2	8	
Victoria General Hospital	93	217	592	676	226	1,804	
Anaesthesiology	1	1	4		1	7	
Dentistry		5	33	43	4	85	
General Surgery	52	40	113	136	45	386	
Gynaecology	1			2	16	19	
Neurosurgery				3	1	4	
Ophthalmology	5	19	38	43	10	115	
Oral Surgery		2	58	41	12	113	
Orthopaedic Surgery	4	11	40	140	74	269	
Otolaryngology	10	70	228	184	37	529	
Plastic Surgery	6	19	26	36	10	97	
Radiology	9	11	15	18	2	55	
Urology	5	39	37	30	14	125	
West Coast General Hospital			18	32	7	57	
Dentistry			16	24		40	
General Surgery				5	5	10	
Urology			2	3	2	7	
Northern	4	27	586	786	293	1,696	
Bulkley Valley District Hospital			17	20	10	47	
Dentistry			7	7		14	
General Surgery			1	3	4	8	
Gynaecology					2	2	
Orthopaedic Surgery				1	2	3	
Otolaryngology			9	9	2	20	
Dawson Creek and District Hospital		1	32	56	27	116	
Dentistry			22	12		34	
General Surgery		1	5	13	4	23	
Gynaecology					5	5	
Orthopaedic Surgery			5	29	17	51	
Radiology				1	1	2	
Urology				1		1	
Fort Nelson General Hospital			3	1		4	
Otolaryngology			3	1		4	
Fort St. John General Hospital			49	52	26	127	
Dentistry			26	9		35	
General Surgery			8	18	18	44	
Gynaecology			1		1	2	
Ophthalmology			2	2		4	
Orthopaedic Surgery			1	4	6	11	
Otolaryngology			11	19	1	31	
G.R. Baker Memorial Hospital			109	125	23	257	
Dentistry			41	19	5	65	
• 1		-	-				





	Age of Child						
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total	
General Surgery			1	3	3	7	
Orthopaedic Surgery					2	2	
Otolaryngology			66	102	12	180	
Plastic Surgery			1		1	2	
Urology				1		1	
Kitimat General Hospital			22	54	38	114	
Dentistry			13	20		33	
General Surgery			3	4	5	12	
Orthopaedic Surgery			6	30	33	69	
Mills Memorial Hospital		1	135	118	24	278	
Dentistry			96	69	5	170	
General Surgery			5	15	13	33	
Gynaecology				1	1	2	
Ophthalmology			6	2		8	
Otolaryngology		1	28	31	5	65	
Prince George Regional Hospital	4	25	85	184	96	394	
Cardiac/Thoracic Surgery					1	1	
Dentistry			26	23	3	52	
General Surgery	1	3	6	29	16	55	
Gynaecology			3		6	9	
Ophthalmology		2		3	1	6	
Oral Surgery	2	5	5	26	8	46	
Orthopaedic Surgery		1	16	66	47	130	
Otolaryngology		3	9	10	6	28	
Plastic Surgery	1	6	13	14	4	38	
Radiology		2	2			4	
Urology		3	5	13	4	25	
Prince Rupert Regional Hospital			52	91	35	178	
Dentistry			40	45		85	
General Surgery				14	11	25	
Gynaecology				3	3	6	
Orthopaedic Surgery			1	16	20	37	
Otolaryngology			10	12	1	23	
Plastic Surgery			1	1	_	2	
St. John's Hospital			25	43	11	79	
Dentistry			16	19		35	
Orthopaedic Surgery				1	4	5	
Otolaryngology			8	23	6	37	
Plastic Surgery			1		1	2	
Wrinch Memorial Hospital			57	42	3	102	
Dentistry		†	57	41	2	100	
General Surgery		†	<u> </u>	1	1	2	
Provincial Health Services Authority	907	1,070	3,267	3,372	1,010	9,626	
B.C. Children's Hospital	585	1,070	3,267	3,370	1,005	9,297	
Anaesthesiology	2		7	42	54	105	
Cardiac/Thoracic Surgery	102	45	59	52	19	277	
Dentistry	11	15	1,368	754	66	2,214	
General Surgery	124	146	282	369	152	1,073	
ochici ai bai gery		- ''					
Gynaecology			2	16	17	35	
Gynaecology Neurosurgery	36	43	2 41	16 87	17 19	35 226	





			Age of Child			
Procedure MD	<6 Mos	6 Mos - 1.9 Yrs	2.0 - 5.9 Yrs	6.0 - 13.9 Yrs	14.0 - 16.9 Yrs	Total
Oral Surgery		2	8	115	45	170
Orthopaedic Surgery	9	38	162	522	278	1,009
Otolaryngology	33	81	257	329	73	773
Plastic Surgery	35	130	142	170	54	531
Radiology	193	236	414	391	127	1,361
Urology	18	207	229	280	59	793
B.C. Women's Hospital	322			2	5	329
Cardiac/Thoracic Surgery	10					10
Dentistry	1					1
General Surgery	150					150
Gynaecology	2			2	5	9
Neurosurgery	8					8
Ophthalmology	8					8
Orthopaedic Surgery	1					1
Otolaryngology	18					18
Plastic Surgery	4					4
Radiology	118					118
Urology	2					2
Grand Total	1,027	1,410	7,127	8,706	3,408	21,678
% Total Surgical Procedures	5%	7%	33%	40%	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, 2017/18.
- 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).

		Child's Home Residence							
Procedure				Van	Van		Total, excl		Total, incl
MD	HA of Treating Hospital	Interior	Fraser	Coastal	Island	Northern	Other	Other	Other
Pop'n, 0 - 16.9		115,908	330,865	166,518	117,107	58,550	788,948		1
Anaesthe-	Interior	6					6		6
siology	Fraser		2				2		2
	Vancouver Coastal								
	PHSA	14	52	18	13	6	103	2	105
	Vancouver Island				10		10		10
	Northern								
	Total	20	54	18	23	6	121	2	123
	% treated in home HA	30%	4%	100%	43%	0%	30%		
	Per 1,000 pop'n children	0.2	0.2	0.1	0.2	0.1	0.2		T
Cardiac/	Interior	2					2		2
Thoracic	Fraser		8				8		8
Surgery	Vancouver Coastal	1	2	3			6		6
	PHSA	34	115	48	35	14	246	41	287
	Vancouver Island								
	Northern					1	1		1
	Total	37	125	51	35	15	263	41	304
	% treated in home HA	5%	6%	100%	0%	7%	24%		
	Per 1,000 pop'n children	0.3	0.4	0.3	0.3	0.3	0.3		
Dentistry	Interior	867	1	2	1	2	873	1	874
	Fraser	3	208	2			213		213
	Vancouver Coastal	1	1	83			85		85
	PHSA	48	1125	505	49	32	1759	456	2215
	Vancouver Island	1	1	17	840		859		859
	Northern	20		1	1	599	621	2	623
	Total	940	1,336	610	891	633	4,410	459	4,869
	% treated in home HA	92%	16%	96%	94%	95%	70%		
	Per 1,000 pop'n children	8.1	4.0	3.7	7.6	10.8	5.6		
General	Interior	237	3	2		1	243	12	255
Surgery	Fraser	3	358	2			363	6	369
	Vancouver Coastal	1	9	106			116	4	120
	PHSA	117	573	343	93	83	1209	14	1223
	Vancouver Island	3	4	1	487		495	5	500
	Northern					206	206	3	209
	Total	361	947	454	580	290	2,632	44	2,676
	% treated in home HA	66%	38%	99%	84%	71%	66%		
	Per 1,000 pop'n children	3.1	2.9	2.7	5.0	5.0	3.3		
Gynaecology	Interior	49					49	0	49
	Fraser		25	1			26	0	26
	Vancouver Coastal	1	1	8		1	11	0	11
	PHSA		29	12	2	1	44	0	44
	Vancouver Island				30		30	1	31
	Northern					26	26	0	26
	Total	50	55	21	32	28	186	1	187
	% treated in home HA	98%	45%	95%	94%	93%	81%		
	Per 1,000 pop'n children	0.4	0.2	0.1	0.3	0.5	0.2		





			<u> </u>	1		me Residence		ı	
Procedure			_	Van	Van		Total, excl	a.,	Total, inc
MD	HA of Treating Hospital	Interior	Fraser	Coastal	Island	Northern	Other	Other	Other
Neuro-	Interior	3	2				3	0	3
surgery	Fraser	4	2		4		2	0	2
	Vancouver Coastal PHSA	1 37	90	42	1 36	22	3 227	7	234
		37	90	42	4	22		0	4
	Vancouver Island Northern				4		4	U	4
	Total	41	93	42	41	22	239	8	247
	% treated in home HA	7%	2%	100%	10%	0%	21%	•	247
	Per 1,000 pop'n children	0.4	0.3	0.3	0.4	0.4	0.3		
Onbthal	Interior	58	1	0.3	0.4	0.4	59	1	60
Ophthal- mology	Fraser	1	20	1			22	0	22
illology		1	9	7	2		19	1	20
	Vancouver Coastal PHSA	63				42			
		63	386	189	41	42	721	17	738
	Vancouver Island			2	135	10	137	0	137
	Northern	433	44.0	400	470	18	18	0	18
	Total	123	416	199	178	60	976	19	995
	% treated in home HA	47%	5%	98%	76%	30%	44%		
0.10	Per 1,000 pop'n children	1.1	1.3	1.2	1.5	1.0	1.2		40
Oral Surgery	Interior	10	02	0		7	10	0	10
	Fraser		92	8		7	107	1	108
	Vancouver Coastal		16	2	_	_	18	0	18
	PHSA	6	87	60	5	9	167	3	170
	Vancouver Island			2	191	1	194	0	194
	Northern					46	46	0	46
	Total	16	195	72	196	63	542	4	546
	% treated in home HA	63%	47%	86%	97%	73%	74%		
	Per 1,000 pop'n children	0.1	0.6	0.4	1.7	1.1	0.7		1
Orthopaedic	Interior	478	8		2	2	490	18	508
Surgery	Fraser	7	606	23	4	2	642	7	649
	Vancouver Coastal	3	35	157	5	5	205	6	211
	PHSA	74	443	335	55	63	970	40	1010
	Vancouver Island	1	5	9	464	2	481	5	486
	Northern	7	1		1	285	294	14	308
	Total	570	1,098	524	531	359	3,082	90	3,172
	% treated in home HA	84%	55%	94%	87%	79%	75%		
	Per 1,000 pop'n children	4.9	3.3	3.1	4.5	6.1	3.9		1
Otolaryngo-	Interior	983	2	2	2	4	993	1	994
logy	Fraser	8	1001	102	3	4	1118	2	1120
	Vancouver Coastal	1	49	181	3		234	1	235
	PHSA	48	327	310	49	50	784	7	791
	Vancouver Island		2	17	957		976	1	977
	Northern	29				359	388	0	388
	Total	1,069	1,381	612	1,014	417	4,493	12	4,505
	% treated in home HA	92%	72%	80%	94%	86%	84%		
	Per 1,000 pop'n children	9.2	4.2	3.7	8.7	7.1	5.7		
Plastic	Interior	131				1	132	2	134
Surgery	Fraser	3	124	5		1	133	1	134
	Vancouver Coastal		4	21			25	0	25
	PHSA	42	251	144	42	45	524	11	535
	Vancouver Island	2			192		194	2	196
	Northern					44	44	0	44
	Total	178	379	170	234	91	1,052	16	1,068
	% treated in home HA	74%	33%	97%	82%	48%	62%		
	Per 1,000 pop'n children	1.5	1.1	1.0	2.0	1.6	1.3		





				(	Child's Hom	e Residence			
Procedure MD	HA of Treating Hospital	Interior	Fraser	Van Coastal	Van Island	Northern	Total, excl Other	Other	Total, incl Other
Radiology	Interior	61	riasei	Cuastai	isiailu	1	62	1	63
Radiology	Fraser	01	11			1	11	0	11
	Vancouver Coastal	6	4	4	3	1	18	1	19
	PHSA	164	653	359	161	118	1455	24	1479
	Vancouver Island	101	033	333	59	110	59	0	59
	Northern					5	5	1	6
	Total	231	668	363	223	125	1,610	27	1,637
	% treated in home HA	26%	2%	100%	26%	4%	31%		
	Per 1,000 pop'n children	2.0	2.0	2.2	1.9	2.1	2.0		
Urology	Interior	159	3				162	0	162
	Fraser	1	134	2			137	1	138
	Vancouver Coastal	1	26	28	4		59	0	59
	PHSA	75	416	208	41	46	786	9	795
	Vancouver Island		1		164	1	166	2	168
	Northern	1				26	27	0	27
	Total	237	580	238	209	73	1,337	12	1,349
	% treated in home HA	67%	23%	99%	78%	36%	54%		
	Per 1,000 pop'n children	2.0	1.8	1.4	1.8	1.2	1.7		
All	Interior	3,044	18	6	5	11	3,084	36	3,120
Procedures	Fraser	26	2,591	146	7	14	2,784	18	2,802
	Vancouver Coastal	17	157	600	18	7	799	14	813
	PHSA	722	4,547	2,573	622	531	8,995	631	9,626
	Vancouver Island	7	13	48	3,533	4	3,605	16	3,621
	Northern	57	1	1	2	1,615	1,676	20	1,696
	Total	3,873	7,327	3,374	4,187	2,182	20,943	735	21,678
	% treated in home HA	79%	35%	94%	84%	74%	67%		
	Per 1,000 pop'n children	33.4	22.1	20.3	35.8	37.3	26.5		





# **Appendix 5: HA Operated Pediatric Inpatient Beds in BC**

		General	Pediatric		Child &			
		Pediatric	Observati	Ped ICU	Youth	Youth SU	Total Ped	
HA	Hospital	Beds	on Beds	Beds <sup>ii</sup>	MH Beds	Beds <sup>iii</sup>	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
	Ashnola (Keremeos)					22 <sup>iv</sup>	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 <sup>v</sup>
	Burnaby							8
	Creekside Withdrawal					6	6	
	Management Centre							
	Last Door Recovery Centre					10 <sup>vi</sup>	10	
VCH	Lions Gate & Carlile Centre	10			10		20	9
	Richmond		4				4	6
	St Paul's							9
	Peak House					8	8	
	Young Bears Lodge					5	5	
Island	Nanaimo Regional	8					8	9
Н	St Joseph's General	4					4	
	Victoria General	16		5			21	22
	Cowichan District	4					4	
	(Duncan)							
	Campbell River	1					1	
	Ledger House				14 <sup>vii</sup>		14	
NHA	University Hospital of	12 <sup>viii</sup>			6		18	9
	Northern B.C.							
	Nechako Centre					8 <sup>ix</sup>		
PHSA	B.C. Children's Hospital	97		22	54×		173	
	BC Women's							60
TOTAL		231	12	27	114	59	435	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.

 $<sup>^{\</sup>mbox{\tiny II}}$  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.

 $<sup>^{\</sup>rm v}$  Plan to increase to 48 beds in the future.

 $<sup>^{\</sup>mbox{\tiny vi}}$  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.

 $<sup>^{\</sup>mbox{\scriptsize ix}}$  Includes 1 detox bed.

<sup>\*</sup> 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.