



Fiscal Year 2022-2023

PROVINCIAL STUDENT PRACTICE EDUCATION METRICS

Prepared for:
BC Student Practice Education Network

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EXECUTIVE SUMMARY

This Provincial Student Practice Education Metrics Report provides student practice education metrics across British Columbia. The intent of the report is to:

- Acknowledge and celebrate the commitment of those who support student education
- Recognize collaborations amongst placement settings and academic partners across the province
- Provide data to inform operational and strategic decisions, including workforce planning, building capacity for student education, quality practice environments, and priority areas of focus and innovation
- Identify opportunities for further development

Indicator #1 - Monitor Student Practice Education Activities

Student Practice Education (SPE) activities are tracked through the use of the Health Sciences Placement Network (HSPnet). It provides a web-based system for managing practice education in the health sciences and serves as the source of data for this report. SPE activities are reported by both the number of student placements and the placement hours. The focus of this report is the SPE activities occurring in health authorities in British Columbia.

In the fiscal year (FY) 2022-23, there was an increase in both the number of student placements (33,169 from 31,984) and in the placement hours (4,827,076 from 4,702,967) from FY 2021-22. The overall distribution of placements across the health authorities is consistent with last year.

Indicator #2 - Monitor Student Practice Education Coordination Efficiency

Placement coordination efficiency measures indicate the amount of coordination activity required to result in a confirmed placement. As all required student placements are eventually secured, the Cancel and Decline requests indicate the overall coordination effort and areas where process improvement or advanced planning could streamline coordination efforts in the future.

In FY 2022-23, there was a slight increase in efficiency to 67% of requests resulting in confirmed placements, compared to FY 2021-22 (66%).

Indicator #3 - Build Placement Capacity and Innovation

Placement Requests (PRs) in HSPnet can be Confirmed and Accepted (these indicate placements that occurred); and Declined (DecA) and Cancelled (Canc) (these indicate placement requests that did not occur). A reason is indicated for Declined or Cancelled placement requests and the top ten reasons are included in this report for the purposes of monitoring and planning focused strategies to address the reasons.

In FY 2022-23, the main reasons Placing Agencies cancel a request remains to be if they find an alternative placement or there is student attrition. The top reasons that a Receiving Agency declines are a lack of staff to preceptor/supervise students and the number of requests exceeds available staff and physical space.

Data-Informed Planning

By creating and providing this provincial student education metrics report, the aim is to provide data to inform operational and strategic decisions, including workforce planning, building capacity for student education, quality practice environments, and priority areas of focus and innovation; and, to identify opportunities for further development. The Report is provided as a resource so that SPE network partners can review the activities that have occurred, consider the changing contexts of our health system, and develop a collaborative plan for the year ahead. This strategic approach will be beneficial for delivering clinical placement opportunities that are well-aligned with the needs of the people in British Columbia and our health system.

INTRODUCTION

This Provincial Student Practice Education Metrics Report provides student practice education metrics across British Columbia. It highlights activities between all post-secondary institutions offering health provider programs and BC health authorities using HSPnet to coordinate student placements and fulfill requests. The intent of the report is to:

- Acknowledge and celebrate the commitment of those who support student education
- Recognize collaborations amongst placement settings and academic partners across the province
- Provide data to inform operational and strategic decisions, including workforce planning, building capacity for student education, quality practice environments, and priority areas of focus and innovation
- Identify opportunities for further development

STUDENT PRACTICE EDUCATION IN BRITISH COLUMBIA

Student Practice Education in British Columbia includes the learning activities that occur in health settings for students who are enrolled in a health program in a recognized academic institution which have a placement as part of their program requirements.

Preparing the healthcare team members of tomorrow is possible because of the support and commitment from many people in a wide variety of roles in both the health and education sectors, as well as with provincial partners. Oversight is provided by the Planning Board for Health and Medical Education, with representation from the BC Ministry of Post-Secondary Education and Future Skills, and the BC Ministry of Health.

Provincial Student Practice Education Policy

The post-secondary institutions (PSIs), health authorities (HAs), First Nations Health Authority (FNHA), Provincial Health Services Authority (PHSA), and Providence Health Care (PHC) employ a collaborative approach to the shared responsibility for delivering the clinical component of the students' education program as outlined in the Provincial Student Practice Education Policy.

(<https://spe.healthcarebc.ca/Documents/2022%20SPE%20Policy%20-%20For%20Distribution.pdf>)

Health Human Resource Strategy

British Columbia launched a [health human resource strategy](#) in Fall of 2022 to optimize the health system, expand training and further improve recruitment and retention. There are 70 actions organized into four pillars: Retain, Redesign, Recruit and Train in this multi-year strategy, with actions that have begun in 2022-23.

<https://news.gov.bc.ca/files/BCHealthHumanResourcesStrategy-Sept2022.pdf>

The strategy includes investments in health program expansions. The following lists some occupation-specific announcements that can be followed in subsequent reports as the students in these expanded seats move into their clinical placements:

- a. [Nursing](#) and [Midwifery](#)
- b. [Allied](#) including [Paramedics](#)
- c. [Medicine](#)

The BC Student Practice Education Network is comprised of partners from the Ministry of Health, Ministry of Post-Secondary Education and Future Skills, Post-Secondary Institutions, and HAs/FNHA/PHSA/PHC. The SPE Network also includes the contributions from other groups, such as BC Health Regulators, professional associations, research networks, and subject matter experts.

Student Practice Education Data Working group (SPEDWG)

The Student Practice Education Data Working Group was established to:

- Provide leadership for gathering, tracking and reporting on student placement information across BC.
- Oversee the applied use of the Student Practice Education management software (HSPnet).
- Promote effective utilization of student placement data.
- Provide advice and recommendations to the HSPnet National Alliance through the HSPnet-BC Lead Agency and/or the HSPnet Operational Team on student practice education practice and operations that could be supported by data and analytics.

The SPEDWG is accountable to the Provincial Student Practice Education Coordinating Committee (PSPECC). The SPEDWG is comprised of representatives from post-secondary institutions, health care organizations (HA/PHSA/PHC), the Ministry of Post-Secondary Education and Future Skills, the Ministry of Health and the HSPnet Team. The Working Group has rotating Co-Chairs from different sectors, with PHSA serving as the Working Group Secretariat. The SPEDWG launched in January 2022 and is currently meeting monthly.

Data Stewardship Principles and Approach

Student Practice Education Data Stewardship Principles:

- Each HSPnet-user organization always has full access to their own organization's data and may use it and share it as determined by their organization.
- SPEDWG supports the stewardship of aggregate provincial data as an asset of the health system.

Approach to provincial data:

- Aggregate provincial data is available to the SPEDWG members via the BC Provincial Report Card (past 4 years of data).
- Analysis, monitoring, and sharing of data to wider stakeholders will be done in consultation with each sector (Health, Education, Government).
- Aggregate provincial data shall be made available to wider stakeholders to assist with improved planning and coordination.
- This report is structured based on the Indicators identified in the Provincial Student Practice Education Metrics Framework (Appendix A).

Note: Aggregate provincial data does not include unique individual (student, instructor, preceptor) information or identifiers.

Student Practice Education Activity Data – Limitations and Opportunities

HSPnet provides a web-based system for managing practice education in the health sciences and serves as the source of data for this report. Used across Canada and internationally since 2003, HSPnet provides a rich database and tools to support practice education. A glossary of terms used for HSPnet is found in Appendix C. As the province develops the use of student education data there are a few caveats to be named:

- There is some variation in the data elements and usage of HSPnet across health organizations, disciplines, and post-secondary institutions. This report provides an opportunity for closer examination, discussion, and possibility for establishing more consistency (where appropriate) in the data and usage of the platform.
- As such, the intent of this report is to build an understanding, transparency, and foster dialogue – one should be cautious about drawing any firm conclusions without further inquiry from respective partners.

- Because HSPnet is a rich data repository for student activities, there are choices in the data selected and presented here as an example of what is possible to guide planning and decision-making. Further stakeholder engagement of meaningful measures will follow.

Placements occurring at receiving sites not documented in HSPnet are not included in the Tables and Figures throughout the document. Placements in HSPnet at non-health authority receiving agencies are provided as an aggregate in Figure 8.

Collected annually, changes can occur to the previous years' data that is reflected in each year's collection. For example, pending placements in the previous year become either confirmed, cancelled, or declined in subsequent years. Also, the list of PSIs, sites, and sub-disciplines can be variable from year to year.

Lastly, metrics tell an important but only partial story of the journey of health program students becoming new team members in the health care system. There is opportunity to expand the report beyond activity metrics to include measures that indicate students' learning experiences in the clinical environment and the opportunities provided to develop and demonstrate relevant competencies.

- Medical students are also part of the clinical placement activities across the province. At this time, not all health organizations have medical learner placement information available in HSPnet. Work is underway to include Medical Undergraduates (MDUG) data in HSPnet across the province and will be considered for future reports.
- Paramedic placements at BC Emergency Health Services (BCEHS) are transitioning onto HSPnet. BCEHS provides the on-car practice experience required for all paramedic programs. This year, Table 2 includes on-car placements of Primary Care and Advanced Care Paramedics in the PHSA column, under the discipline of Emergency Medical Technology. Paramedic placements in health authorities remains in health authority data, separate from the on-car activity at BCEHS. The on-car placement activity is not included in other tables and figures throughout the report as it is only available for 2022-23.
- FNHA also supports student practice education activities in a variety of ways across the province. As FNHA is in the process of transitioning to use HSPnet for student placement coordination, data that reflects their role with students will be available in future updates.

Data-Informed Planning

As stated above, two of the overall intentions of creating and providing this provincial student education metrics report are to provide data to inform operational and strategic decisions, including workforce planning, building capacity for student education, quality practice environments, and priority areas of focus and innovation; and, to identify opportunities for further development. It is intended that taking time each year to look back and review the activities that have occurred as well as consider the changing contexts of our health system and develop a collaborative plan for the year ahead will be beneficial for delivering clinical placement opportunities that are well-aligned with the needs of the people in British Columbia and our health system.

STUDENT PRACTICE EDUCATION AT A GLANCE

Student placements in BC are tracked according to requests made in health authorities and other receiving agencies (e.g., private clinics). The below infographic is the overall activity by hours and number of student placements.

FISCAL
YEAR
2022-23

STUDENT PRACTICE EDUCATION in British Columbia



33,169

Total number of student placements, excluding medical students and residents, at BC Health Authorities (in FY 21-22 it was 31,984)

STUDENT PLACEMENTS



45 BC schools placing in 6 health authorities



HOURS



4,827,076

Total number of Students Practice Education Hours, excluding medical students and residents, at BC Health Authorities (in FY 21-22 it was 4,702,967)



67%

Percentage of requests resulting in Confirmed placements (in FY 21-22 it was 66%)

100

Number of sub-disciplines placing students in BC Health Authorities

PROVINCIAL STUDENT PRACTICE EDUCATION COMPARATIVE SUMMARY DATA

Summary provincial data is provided in Table 1 by key measures. Subsequent tables provide detailed data.

Table 1: Summary Comparative Data

Indicator	Key Measure Description	FY 2020-21	FY 2021-22	FY 2022-23
Monitor Provincial Student Education Activities	Total Number of Student Hours by Health Authority	4,193,982	4,702,967	4,827,076
	FHA	1,274,873	1,414,679	1,413,123
	IHA	710,142	818,979	826,449
	NHA	292,349	326,035	354,657
	PHSA	200,704	252,168	342,668
	VCHA (includes PHC)	1,015,823	1,090,504	1,096,677
	VIHA	700,091	800,602	793,502
	Total Number of Students Placements by Health Authority	26,740	31,984	33,169
	FHA	7,835	9,226	9,509
	IHA	5,069	6,033	6,606
	NHA	2,414	2,879	3,002
	PHSA	1,218	1,622	2,227
	VCHA (includes PHC)	6,156	7,328	7,036
VIHA	4,048	4,896	4,789	
Percentage of Total Student Hours by Health Authority	FHA	30%	30%	29%
	IHA	17%	17%	17%
	NHA	7%	7%	7%
	PHSA	5%	5%	7%
	VCHA (includes PHC)	24%	23%	23%
	VIHA	17%	17%	16%
Year-to-year Increase in Student Hours			12%	3%
Monitor Placement Coordination Efficiency	Percentage of Requests Resulting in Confirmed Placements (decline/cancelled requests are resubmitted to place all students)	54%	65%	67%
Build Placement Capacity and Innovation	Number of Sub-discipline Programs placing students in BC health authorities		96	100
	Number of BC Post-Secondary Institutes placing students in BC Health Authorities			45

PROVINCIAL ANALYSIS

INDICATOR #1 - MONITOR PROVINCIAL STUDENT PRACTICE EDUCATION ACTIVITIES

A total of 25,297 placement requests were made by a Placing Agency in 2022-23 (Appendix D, Table 4). Of the confirmed placements (16,950), there were 4.8 million student hours hosted in British Columbia health authorities and a total of 33,169 student placements.

To compare the HA student placement activity, Figures 1 and 2 show the percentage of hours and placements for the last two years for all disciplines. Overall, the level of activity is consistent across fiscal years, and is relative to the size of the health authority. Of the confirmed placements, FHA hosted the greatest percentage, at 30%, followed by VCHA at 23%. Northern Health (7%) and PHSA (6%) hosted the smallest percentage.

Figure 1: Student Hours at Health Authorities Comparing FY 2021-22 and 2022-23

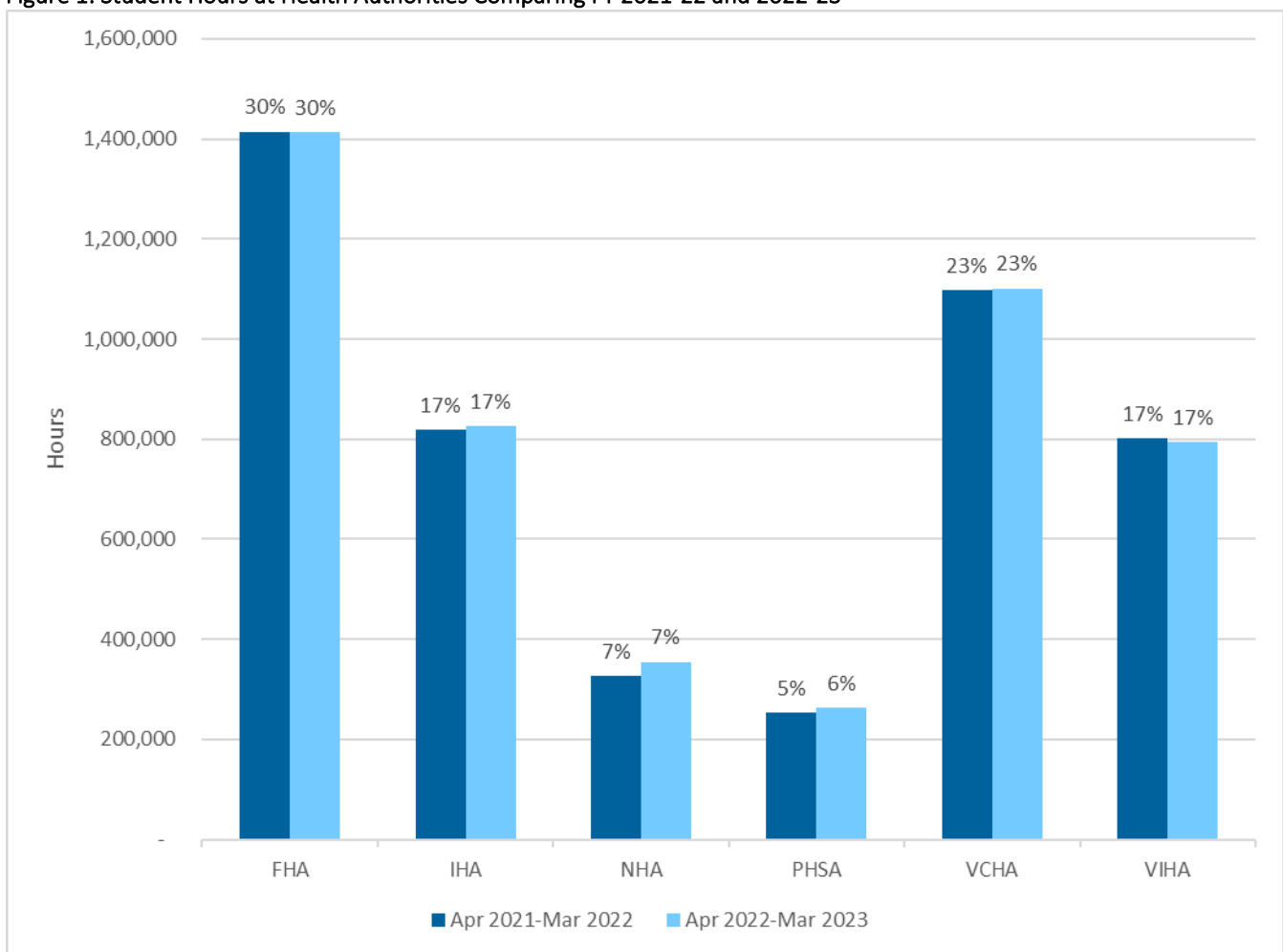
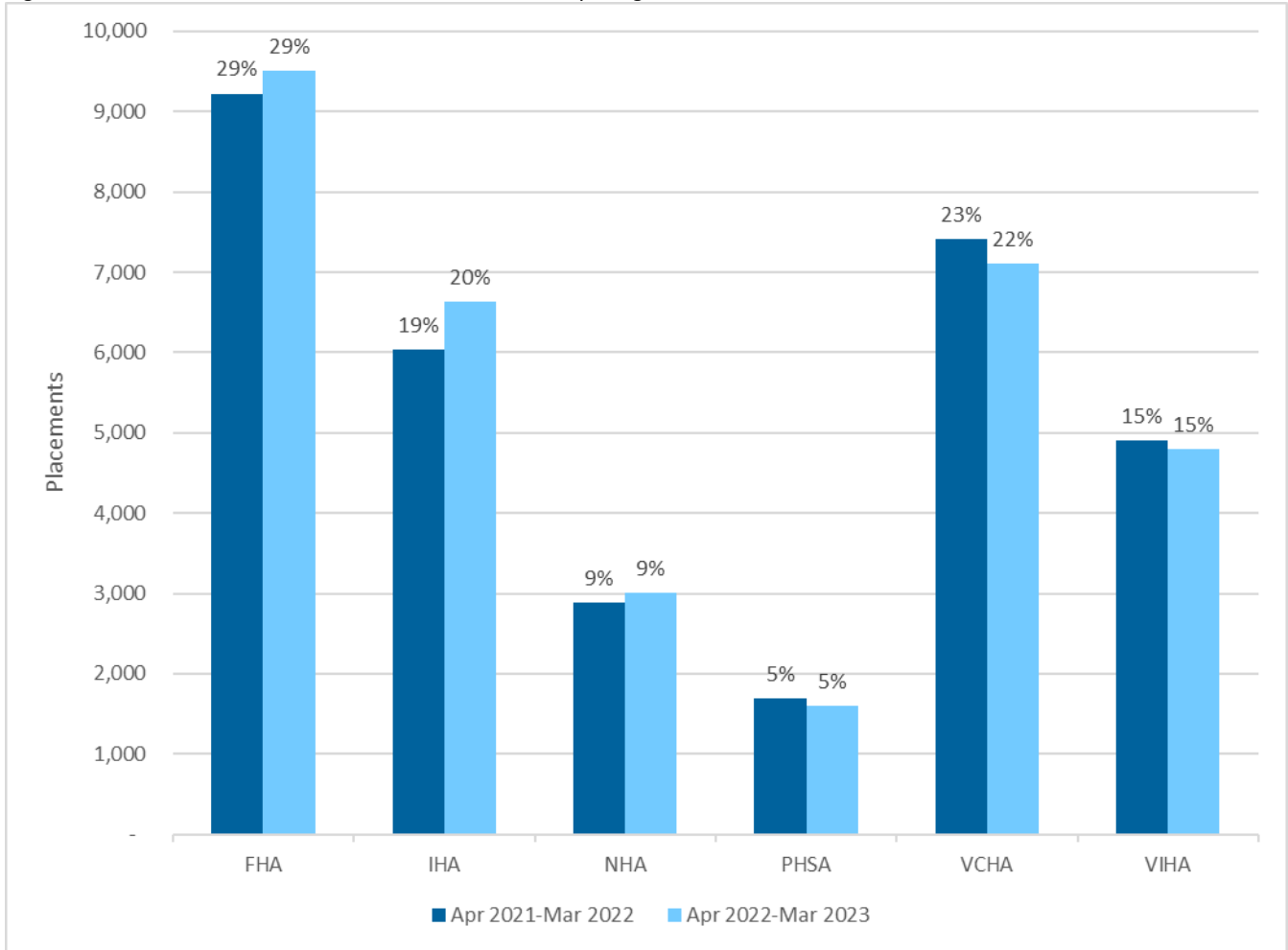


Figure 2: Student Placements at Health Authorities Comparing FY 2021-22 and 2022-23



All disciplines activity across health authorities

Table 2 below provides both the number of confirmed student placements and number of confirmed student hours at health authorities in BC, over fiscal year 2022-23, by both discipline and sub-discipline (for post-secondary institution educational programs, see Appendix C Glossary). This provides a high-level overview of regional distribution for where students in a particular sub-discipline are having clinical placements. It presents past activity data for further analysis and discussion. Disciplines are listed in order of highest to lowest placement hours. Nursing has the highest number of placements – accounting for 65% of all student hours and placement requests. Within nursing, the baccalaureate of nursing sub-discipline accounts for 68% of the total student hours. Licensed Practical nurses represent 20% of all nursing student hours and 14% of nursing student placements. Comparatively, the next largest is the technologist/technician discipline accounting for 10% of all student hours and 5% of placement. A much smaller proportion of requests are made by the rehabilitation sciences, pharmacy, social work, other allied health programs, administration, midwifery, and management.

Table 2: Student Placement and Hours All Disciplines & Sub-disciplines by Receiving Agency FY 2022-23

Discipline/Sub-discipline	FHA		IHA		NHA		PHSA		VCHA		VIHA		Grand Total	
	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements
Nursing	1,001,414	6,849	528,907	4,547	204,989	2,060	127,942	1,042	726,160	4,785	524,330	2,910	3,113,741	22,193
Bacc Nursing - BScN/BSN/BN	629,972	4,144	379,659	3,294	155,087	1,718	95,434	798	464,413	2,811	391,419	1,991	2,115,983	14,756
Bacc Nursing - Post Diploma BSN/BN	7,794	28							10,428	42	384	2	18,606	72
Doctor of Nursing									50	1			50	1
Licensed/Registered Practical Nurse	135,154	923	86,622	834	25,419	185	560	3	107,377	739	72,180	471	427,311	3,155
Nurse Practitioner	12,254	87	6,751	37	3,810	22	1,906	19	10,040	84	5,558	37	40,319	286
Nursing - Masters	224	3			200	1	162	2	224	3	104	1	914	10
Post-LPN/RPN Specialty			4,595	31							260	1	4,855	32
Post-RN Specialty	80,152	759	14,293	117	8,294	61	13,272	133	61,567	619	27,883	241	205,460	1,930
Psychiatric Nursing - Diploma	29,804	178	33,908	221	11,880	72	3,600	12	12,528	66	21,023	142	112,743	691
Psychiatric Nursing Bacc - BScN/BN/RPN														
Psych	55,067	442	360	1			12,709	74	42,232	304			110,367	821
Psychiatric Nursing Bacc - BScN/BN/RPN Psych - Post Diploma			160	1									160	1
Registered Nurse	50,994	285	2,560	11	300	1	300	1	17,302	116	5,519	24	76,975	438
Technologist/Technician	148,579	686	92,615	253	52,514	110	19,393	74	95,229	323	84,224	337	492,554	1,783
Cardiology/Cardiovascular Tech	12,077	66	5,706	14					9,723	36	2,334	8	29,840	124
Clinical Genetics Technologist	1,445	3					3,099	9	1,325	4			5,869	16
Electroencephalograph Technologist	826	2	1,106	4					553	3	140	1	2,625	10
Magnetic Resonance Imaging (MRI) Technology/Technician	8,180	23	2,480	4	3,120	6	600	2	5,780	11	3,600	11	23,760	57
Medical Laboratory Assistant	12,145	141	11,180	44	2,427	11	1,200	8	5,380	36	8,638	54	40,970	294

	FHA		IHA		NHA		PHSA		VCHA		VIHA		Grand Total	
Discipline/Sub-discipline	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements
Medical Laboratory Technologist	24,300	44	23,136	28	14,040	19	6,300	4	26,775	37	10,806	16	105,357	148
Nuclear Medicine Tech	11,820	99	400	5			1,360	17	6,520	42	840	2	20,940	165
Other Technologist			19,171	65	1,935	6							21,106	71
Perfusionist	1,050	2	1,050	2			338	3	2,505	5	1,613	3	6,555	15
Radiology Tech	22,789	51	12,451	27	20,336	43	640	7	14,743	28	28,890	106	99,848	262
Sonography Tech	23,092	127	15,536	59	10,656	25	3,472	18	15,553	105	27,363	136	95,671	470
Sterile Processing Technician	30,856	128	400	1			2,385	6	6,373	16			40,014	151
Other Health	56,104	613	89,554	1,056	57,795	555	18,258	48	54,675	451	87,868	800	364,253	3,523
Activity Assistant			1,110	20	30	1					45	1	1,185	22
Bachelor of Public Health											225	1	225	1
Biomedical Engineer	350	2							525	3			875	5
Child Life Specialist	720	2											720	2
Community Care Licensing	480	2											480	2
Community Health and Preventive Medicine	2,220	16					1,220	8			6,060	25	9,500	49
Counselling - Other									161	1			161	1
Environmental Health	3,780	9	1,680	4	2,220	5			2,100	5	1,680	4	11,460	27
Health/Medical Physics			500	3									500	3
Kinesiology	120	3	260	11									380	14
Master of Science in Medical Genetics							7,684	18	712	9			8,396	27
Masters of Public Health	3,716	9	144	1	450	1	9,354	22	412	1			14,076	34
Other Health			519	3					100	1	13,329	62	13,948	66
Postgraduate Diploma in Public Health			525	1									525	1
Resident Care / Health Care / Institutional Aide	44,718	570	84,816	1,013	55,050	547			50,620	430	66,529	707	301,733	3,267
Various - Multidisciplinary/Interdisciplinary					45	1			45	1			90	2
Rehabilitation Sciences	60,052	432	18,755	93	15,502	121	6,995	42	58,484	458	20,453	108	180,240	1,254
Audiologist	1,458	6	756	3	252	1	225	1	1,683	7	504	2	4,878	20
Occupational Therapist	22,984	102	6,625	28	3,338	17	4,407	24	19,384	85	9,264	41	66,001	297

	FHA		IHA		NHA		PHSA		VCHA		VIHA		Grand Total	
Discipline/Sub-discipline	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements
Occupational Therapy Assistant											350	2	350	2
Physical Therapy or Physiotherapy Assistant											175	1	175	1
Physiotherapist	22,335	234	6,302	36	9,632	89	1,278	9	22,139	192	6,084	37	67,769	597
Prosthetist	23	8					3	1	128	58			154	67
Rehabilitation Assistant	10,625	70	3,416	19	2,028	12	780	5	8,338	47	2,636	16	27,823	169
Speech & Language Pathologist/Communications	2,628	12	1,656	7	252	2	302	2	6,813	69	1,440	9	13,091	101
Therapist	35,234	80	25,435	44	2,980	5	42,644	132	46,181	169	11,700	18	164,174	448
Art Therapist							700	1	72	1			772	2
Massage Therapist							336	12	2,342	90			2,678	102
Music Therapist	780	10					850	1	5,702	14			7,332	25
Radiation Therapist							20,213	33					20,213	33
Recreation Therapist Degree	2,370	14	315	3			1,190	6	5,185	13			9,060	36
Recreation Therapy Assistant Diploma			1,120	4	280	1			280	1			1,680	6
Respiratory Therapist	32,084	56	24,000	37	2,700	4	19,355	79	32,600	50	11,700	18	122,439	244
Pharmacy	32,985	211	17,660	91	5,790	32	12,140	63	28,460	167	24,020	125	121,055	689
Pharmacist	26,905	173	12,400	61	4,170	23	9,040	45	26,060	152	20,240	102	98,815	556
Pharmacy Technician	6,080	38	5,260	30	1,620	9	3,100	18	2,400	15	3,780	23	22,240	133
Social Work	17,367	44	24,117	60	8,594	24	8,666	21	23,828	60	14,346	38	96,918	247
Bachelor of Social Work	11,204	30	10,298	26	6,524	17	2,194	6	9,906	26	7,490	21	47,616	126
Child and Youth Care Worker	1,201	3					800	2			586	2	2,587	7
Diploma of Social Work					720	4							720	4
Human Services			1,170	6					190	1	720	3	2,080	10
Master of Social Work	4,962	11	12,649	28	1,350	3	5,412	12	13,119	30	5,550	12	43,042	96
Social Services Worker							260	1	613	3			873	4
Emergency Medical Technology	1,632	192	2,459	240	354	42	80,362	670	2,808	293	2,596	315	90,210	1,752
Paramedic-Advanced/Critical Care	664	71	856	38			200	25	712	35	64	8	2,496	177
Paramedic-Primary Care/Emergency Medical Technician	968	121	1,603	202	354	42			2,096	258	2,532	307	7,553	930

	FHA		IHA		NHA		PHSA		VCHA		VIHA		Grand Total	
Discipline/Sub-discipline	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements
Advanced Care Paramedic - on-car							22,138	125					22,138	125
Primary Care Paramedic - on-car							58,024	520					58,024	520
Administration	29,418	236	9,216	97	1,935	26	6,039	56	10,767	100	6,151	55	63,525	570
Clerical - General			360	4									360	4
Health Unit Coordinator/Nursing Unit Clerk	23,884	186	7,786	80	1,655	20	4,490	37	8,486	77	5,981	53	52,281	453
Hospital and Health Care Facilities Administration	4,680	39											4,680	39
Library and Information Technology							60	1					60	1
Library Technician	70	1											70	1
Master of Library and Information Services							120	1					120	1
Medical Office Assistant	700	9	1,070	13	280	6	1,285	16	1,861	18	170	2	5,366	64
Medical Transcriptionist	84	1					84	1	420	5			588	7
Food & Nutrition	10,990	53	5,710	25	1,680	7	4,320	24	19,493	104	4,530	27	46,723	240
Dietitian - Bachelors	9,840	43	5,520	24	1,680	7	4,320	24	18,064	84	3,960	21	43,384	203
Food Services Management	1,150	10	190	1					1,429	20	570	6	3,339	37
Medicine*	6,080	20	5,276	16	1,435	9	9,708	32	3,160	11	7,666	27	33,325	115
Midwifery	6,080	20	5,276	16	1,435	9	9,708	32	3,160	11	7,666	27	33,325	115
Psychology	6,389	17	3,080	12	300	2	4,448	11	8,226	20	2,200	7	24,643	69
Counselling Psychology	5,504	13	2,500	7			1,300	3	3,750	10	800	3	13,854	36
Psychology (Masters)					150	1	700	1	1,400	2			2,250	4
Psychology (PHD)	885	4	580	5			2,448	7	3,076	8	1,400	4	8,389	28
Psychotherapist					150	1							150	1
Non-Health	2,897	28			270	6	204	4	18,337	51	2,740	10	24,448	99
Bachelor of Science	69	6					24	3	91	16			184	25
Master of Business Administration	50	5			70	1							120	6
Other Non Health Disciplines	1,712	11			200	5	180	1	18,246	35	2,740	10	23,078	62
Pastoral/Spiritual Care	616	5											616	5
Youth and Child Care	450	1											450	1

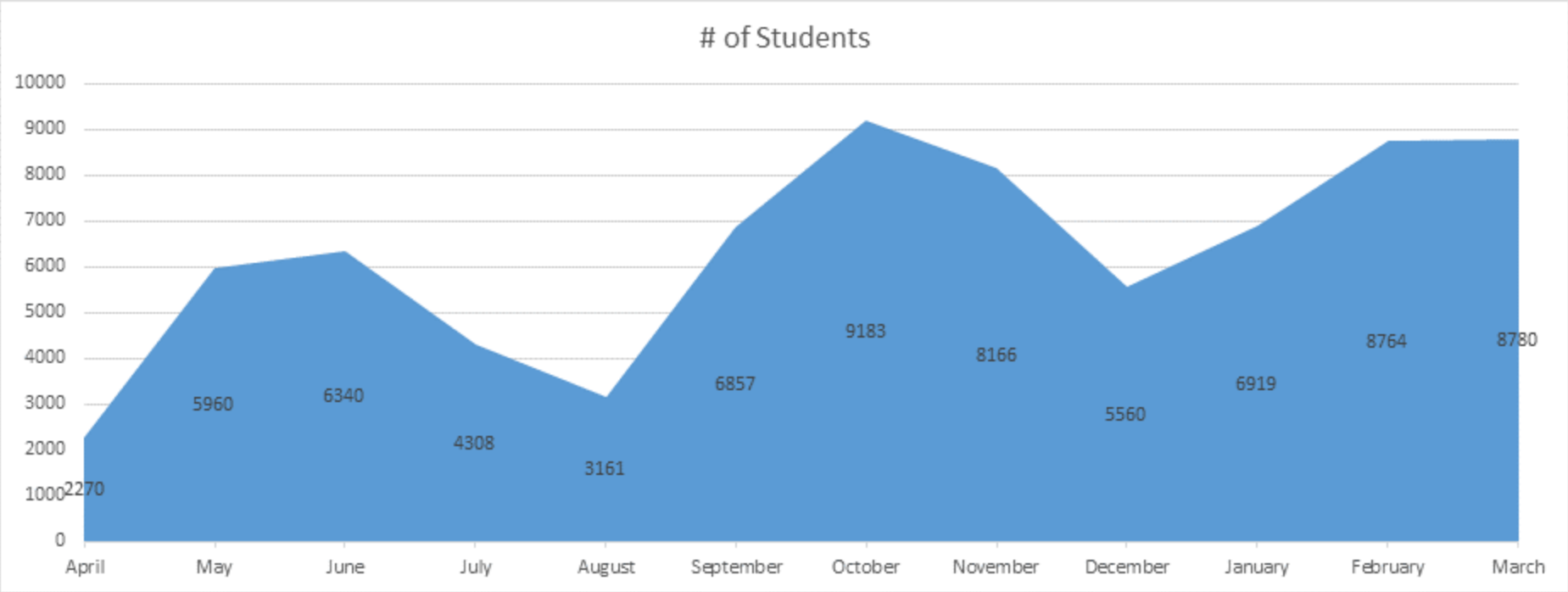
Discipline/Sub-discipline	FHA		IHA		NHA		PHSA		VCHA		VIHA		Grand Total	
	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements	Student Hours	Student Placements
Health Information Management	3,868	32	1,585	13	-	1	470	3	410	6	600	2	6,933	57
Health Information Management Professional/Health Records Administrator	3,868	32	1,585	13	-	1	470	3	410	6	600	2	6,933	57
Gerontology			2,080	59	520	2							2,600	61
Gerontology Diploma Prog			2,080	59	520	2							2,600	61
Management	70	1					1,080	5	280	4			1,430	10
Master of Health Administration							870	2					870	2
Policy and Planning	70	1					210	3	280	4			560	8
Dental Medicine	45	15							180	34	80	10	305	59
Dental Hygienist	45	15							180	34	80	10	305	59
Grand Total	1,413,123	9,509	826,449	6,606	354,657	3,002	342,668	2,227	1,096,677	7,036	793,502	4,789	4,827,076	33,169

*Midwifery is included in the discipline of Medicine. Medical undergraduates and residents are not included.

Student placement activity by month

For all disciplines combined, Figure 3 depicts the total number of students on a placement that started in a particular month. For example, in October 2022, there were 9,183 students starting a health authority placement. Given that student placement start dates vary by discipline and by length of time, the students listed in one month may still be on-site completing the placement in subsequent months. In other words, the actual number of students in a health authority at any given time may be greater than that indicated in Table 3.

Figure 3: Students in Placement by Month FY 2022-23 – All Disciplines



Student placement starts by month

The total number of placements (32,525) by discipline and sub-discipline per month for the province is seen in Table 3, demonstrating at a glance the types of students and volumes that have been supported throughout the last fiscal year. This data can be used to anticipate student volumes by discipline throughout the calendar year; plan for students in advance, including support for the planning required for preceptor assignment, development, and availability; and, schedule students learning activities such as on-site training, and interprofessional collaborative practice events and learning opportunities. The data highlights the student placement start dates across a calendar year, with most placements beginning in January, May, and September, and June to August is when the least number of students start.

Table 3: Confirmed Placement Activity for Disciplines and Sub-disciplines by Month FY 2022-23

Discipline/Sub-discipline	Academic term:												Total
	Winter				Spring/Summer				Fall				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Nursing	4,825	1,696	1,544	1,386	2,613	895	535	315	4,697	2,464	959	265	22,194
Bacc Nursing - BScN/BSN/BN	3,875	933	880	873	1,779	327	160	34	3,760	1,592	498	45	14,756
Bacc Nursing - Post Diploma BSN/BN	33	8			29				1		1		72
Doctor of Nursing					1								1
Licensed/Registered Practical Nurse	256	254	455	205	319	253	250	156	210	377	280	140	3,155
Nurse Practitioner	72	4	5	22	74	28	4		74	2	2		287
Nursing - Masters	1	1			1				7				10
Post-LPN/RPN Specialty		10							10	1	1	10	32
Post-RN Specialty	279	140	149	224	257	142	66	32	235	286	117	3	1,930
Psychiatric Nursing - Diploma	49	97	40	54	52	60	44	92	89	3	54	57	691
Psychiatric Nursing Bacc - BScN/BN/RPN Psych	214	157		7	45	6	9		229	152	1	1	821
Psychiatric Nursing Bacc - BScN/BN/RPN Psych - Post Diploma					1								1
Registered Nurse	46	92	15	1	55	79	2	1	82	51	5	9	438
Other Health	284	288	316	401	335	456	232	169	236	319	378	115	3,529
Activity Assistant	9	4			1				8				22
Bachelor of Public Health	1												1
Biomedical Engineer				5									5
Child Life Specialist	1								1				2
Community Care Licensing								2					2
Community Health and Preventive Medicine		12		13		14			1		9		49
Counselling - Other					1								1
Environmental Health			17		2	5			3				27
Health/Medical Physics					1	1				1			3

Academic term:	Winter			Spring/Summer				Fall				Total	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec
Kinesiology	4		1						5	4			14
Master of Science in Medical Genetics	4	1	2					12	2	4	2		27
Masters of Public Health	5			3	25			1					34
Other Health	16	1		20	14							15	66
Postgraduate Diploma in Public Health			1										1
Resident Care / Health Care / Institutional Aide	240	268	295	360	291	435	232	154	216	310	366	100	3,267
Various - Multidisciplinary/Interdisciplinary	4	2				1					1		8
Technologist/Technician	277	144	73	126	294	109	149	153	234	145	71	10	1,785
Cardiology/Cardiovascular Tech	5	3		16	20	5		15	28	6	22	4	124
Clinical Genetics Technologist			5		2	4	2	2	1				16
Electroencephalograph Technologist	5		1					4					10
Magnetic Resonance Imaging (MRI) Technology/Technician	8	2		1	18	2		14	2	10			57
Medical Laboratory Assistant	32	29	37	26	18	15	15	13	42	44	21	2	294
Medical Laboratory Technologist	1	1	1		42	49	45	1	3	2	3		148
Nuclear Medicine Tech	15	14	21	12	10	22	13	9	16	17	16		165
Other Technologist	5	22	4		13	1	4	11	7	4			71
Perfusionist				7	1				4			3	15
Radiology Tech	79	3	4	1	90			21	64		1	1	264
Sonography Tech	90	40		63	62	11	70	63	34	29	8		470
Sterile Processing Technician	37	30			18				33	33			151
Rehabilitation Sciences	179	184	113	130	173	32	26	60	27	53	276	1	1,254
Audiologist	7	5	1		3	4							20
Occupational Therapist	67	41	3	35	66	8	5	5	6	14	46	1	297
Occupational Therapy Assistant									1	1			2
Physical Therapy or Physiotherapy Assistant											1		1
Physiotherapist	58	114	65	70	59	1	3	54	1	2	170		597
Prosthetist	16	12	7							16	16		67
Rehabilitation Assistant	4	3	37	12	32	1	18	1		18	43		169
Speech & Language Pathologist/Communications	27	9		13	13	18			19	2			101

Discipline/Sub-discipline	Academic term:												Total
	Winter			Spring/Summer				Fall					
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Emergency Medical Technology	117	81	56	79	97	83	81	60	157	128	36	132	1,107
Paramedic-Advanced/Critical Care			27	53	23	2	6	20	22	18	6		177
Paramedic-Primary Care/Emergency Medical Technician	117	81	29	26	74	81	75	40	135	110	30	132	930
Pharmacy	99	73	8	21	208	78	16	41	113	21	11		689
Pharmacist	85	61	1	1	196	67	11	38	88	7	1		556
Pharmacy Technician	14	12	7	20	12	11	5	3	25	14	10		133
Administration	30	52	29	41	92	41	27	31	75	104	45	3	570
Clerical - General					1	3							4
Health Unit Coordinator/Nursing Unit Clerk	16	33	21	32	73	38	24	12	63	98	42	1	453
Hospital and Health Care Facilities Administration	8	8						11	11		1		39
Library and Information Technology											1		1
Library Technician		1											1
Master of Library and Information Services									1				1
Medical Office Assistant	6	10	8	2	18		3	8		6	1	2	64
Medical Transcriptionist				7									7
Therapist	60	25	37	7	33	105	12	23	35	23	13	75	448
Art Therapist				1					1				2
Massage Therapist	14	13	15		10	10	10		10	10	10		102
Music Therapist	15	1	1	1	2		1	2	1	1			25
Radiation Therapist	10				11			8	4				33
Recreation Therapist Degree	9		4	1	10		1	1	7		3		36
Recreation Therapy Assistant Diploma			5					1					6
Respiratory Therapist	12	11	12	4		95		11	12	12		75	244
Social Work	130	1	1	10	48	1		3	52	1			247
Bachelor of Social Work	99	1	1	1	13				11				126
Child and Youth Care Worker					2				5				7
Diploma of Social Work	4												4
Human Services	1			8	1								10
Master of Social Work	26				30	1		2	36	1			96

Discipline/Sub-discipline	Academic term:												Total
	Winter			Spring/Summer					Fall				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Social Services Worker				1	2			1					4
Food & Nutrition	54	37	2	8	52	6	1		47		32	1	240
Dietitian - Bachelors	36	33		8	46	4	1		43		32		203
Food Services Management	18	4	2		6	2			4			1	37
Medicine	7		3	6	9	8	14	2	41	25			115
Midwifery	7		3	6	9	8	14	2	41	25			115
Non-Health	2	26	8	10	5	1			18	25	3	1	99
Bachelor of Science		18	7										25
Master of Business Administration		5				1							6
Other Non Health Disciplines	2	3	1	5	4				18	25	3	1	62
Pastoral/Spiritual Care				5									5
Youth and Child Care					1								1
Psychology	17	1	3	2	13		5		27	1			69
Counselling Psychology	13	1		2	9		2		8	1			36
Psychology (Masters)	1				1				2				4
Psychology (PHD)	3		3		3		3		16				28
Psychotherapist									1				1
Gerontology		20	16		1					24			61
Gerontology Diploma Prog		20	16		1					24			61
Dental Medicine	30			3						22	4		59
Dental Hygienist	30			3						22	4		59
Health Information Management	7		1	33	6				1	3	4	2	57
Health Information Management Professional/Health Records Administrator	7		1	33	6				1	3	4	2	57
Management					2		1	1	6				10
Master of Health Administration					2								2
Policy and Planning							1	1	6				8
Grand Total	6,118	2,628	2,210	2,263	3,981	1,815	1,099	858	5,766	3,358	1,832	605	32,533

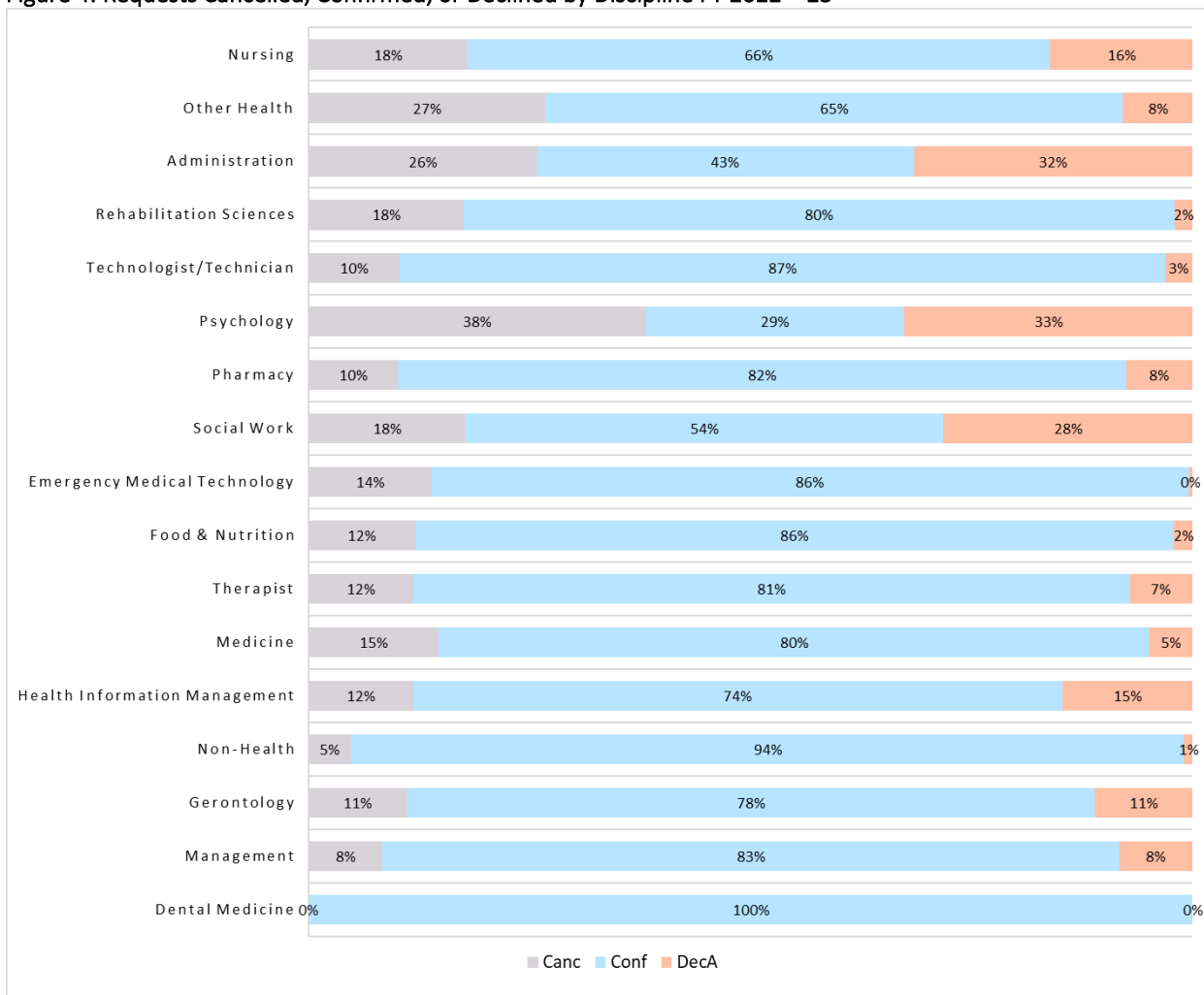
Note: Excluded from these graphs are on-car paramedic placements whose current policies result in an equal distribution of placements throughout the year.

INDICATOR #2 - MONITOR PLACEMENT COORDINATION EFFICIENCY

Figure 4 provides the request activity for all disciplines at BC health authorities. This indicates the amount of coordination activity required to result in a confirmed placement. As all required student placements are eventually secured, the Cancel and Decline requests indicate the overall coordination effort, affected by the complexity of the placements and the unique requirements of the sub-discipline.

This metric can be monitored to see if changes to the practice education placement process improves coordination efficiency (see Figure 5). Cancellations are 93% by Placing Agencies (i.e., post-secondary educational institutions) and Declines are 92% by Receiving Agencies (i.e., health authorities). When placements are Declined or Cancelled, subsequent placement requests are made by the Placing Agency, ensuring all students can complete a placement. Currently, the best metric of placement capacity is the confirmation rates that indicate both physical and operational capacity to host students in health authorities. This data is useful for examining placement rates at specific Receiving Agencies to remove barriers and examine supports necessary to host students.

Figure 4: Requests Cancelled, Confirmed, or Declined by Discipline FY 2022 – 23

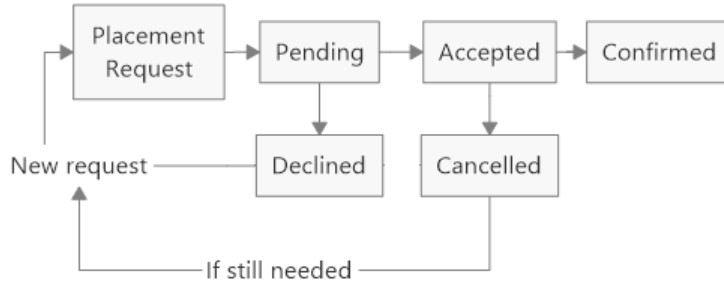


INDICATOR #3 - BUILD PLACEMENT CAPACITY AND INNOVATION

Top 10 Decline and Cancel Reasons

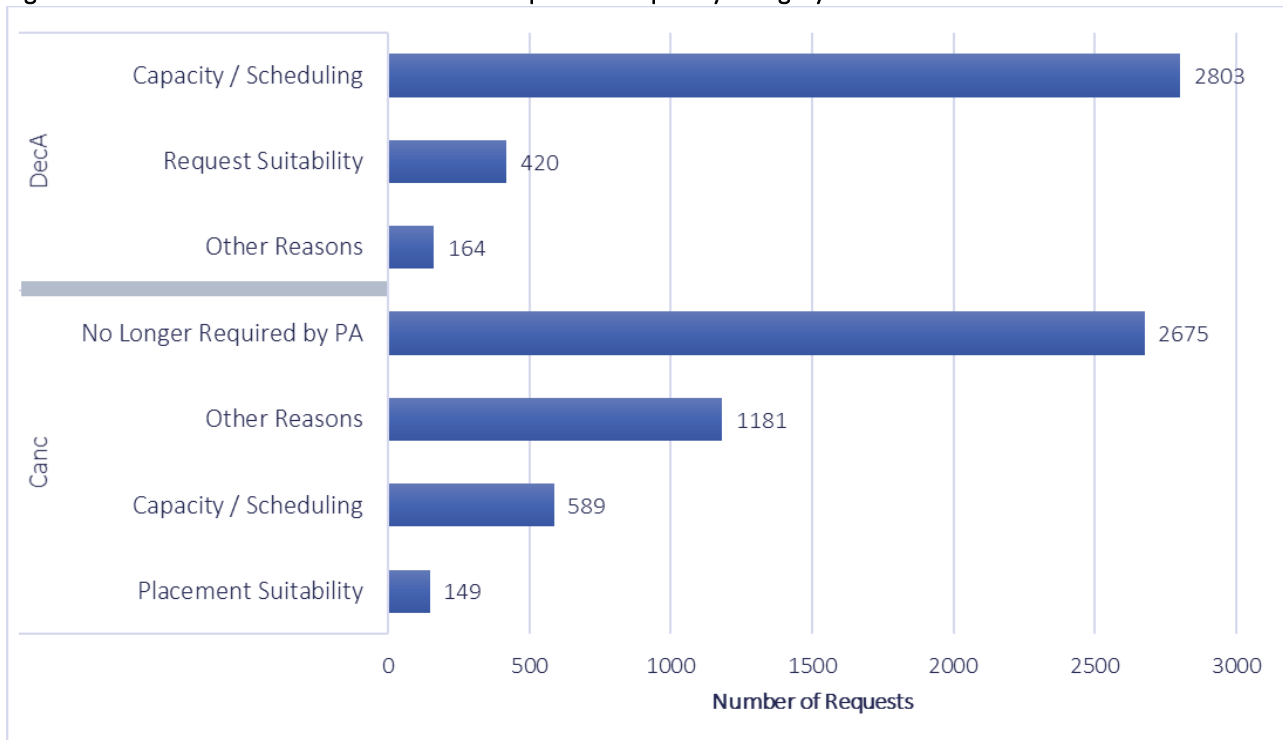
The main placement request statuses that are monitored are Confirmed and Accepted (these indicate placements that occurred); and Declined (DecA) and Cancelled (Canc) (these indicate placement requests that did not occur). Of the total number of requests made (25,297) by a Placing Agency (PA) 67% are Confirmed (16,950) by the Receiving Agency (RA), whereas 18% (4,589) are Cancelled and 13% (3,385) are Declined (Appendix D, Table 4).

Figure 5: Placement request lifecycle



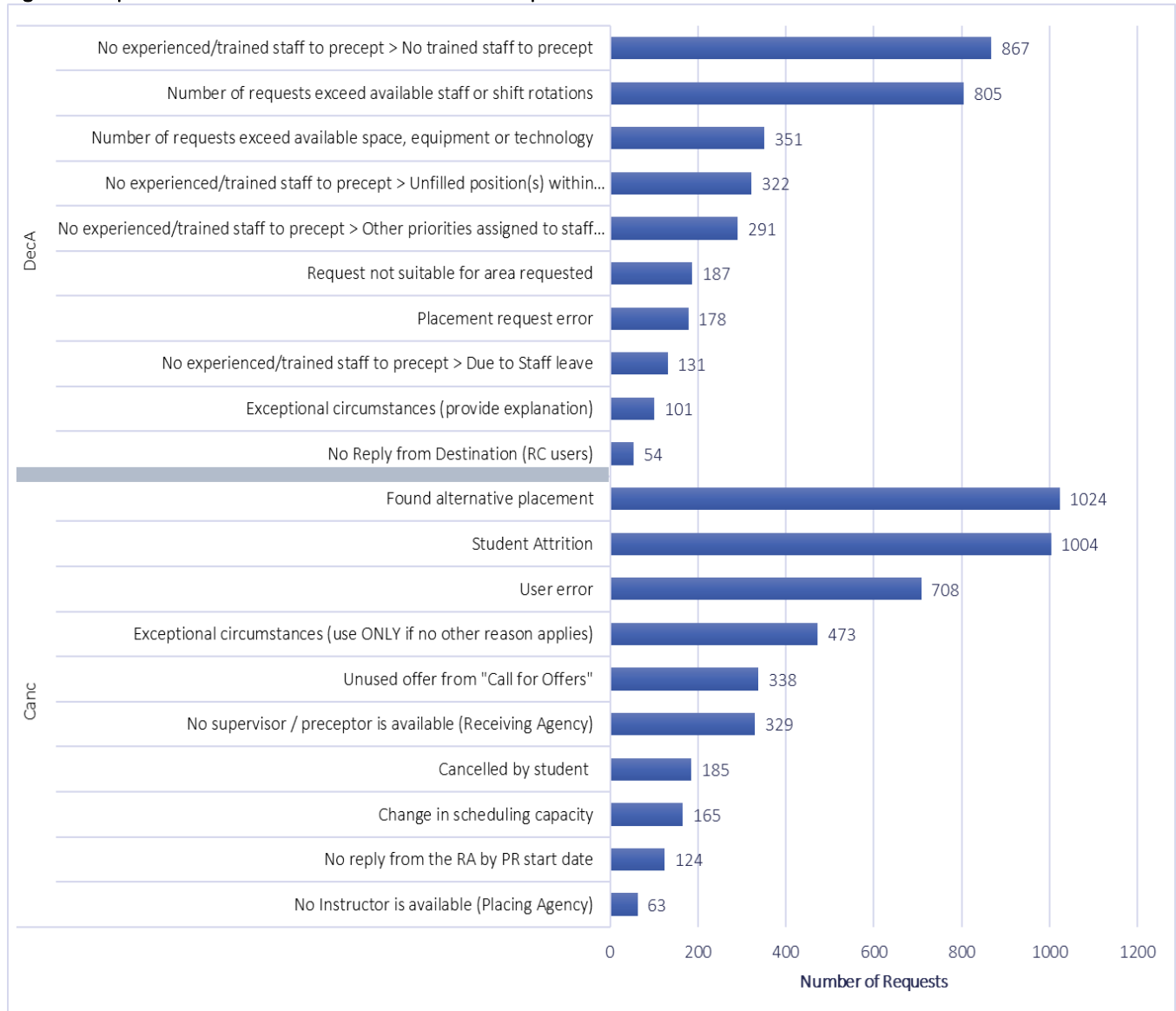
A reason is provided every time a request is Declined or Cancelled. Figure 6 provides a summary of the reason category whereas Figure 7 provides greater specificity of the top 10 decline and top 10 cancel reasons for all disciplines. This data leads to follow-up actions by both receiving agencies and placing agencies to improve placement coordination such as suitability of the request and placement.

Figure 6: Reasons for Declined and Cancelled Requests Grouped by Category FY 2022-23



The main reasons Placing Agencies cancel a request remains to be if they find an alternative placement or there is student attrition. The top reasons that a Receiving Agency declines a request is a lack of staff to preceptor/supervise students (e.g., none trained, unfilled positions, and staff on leave) and the number of requests exceeds available staff and physical space. Some reasons for cancellation (e.g., user error) represent opportunities for system improvements.

Figure 7: Top 10 Reasons for Declined and Cancelled Requests FY 2022-23



APPENDIX A: PROVINCIAL STUDENT PRACTICE EDUCATION ANNUAL METRICS FRAMEWORK

1. Indicator: Monitor Provincial Student Practice Education Activities

This category includes measures that demonstrate level of commitment to students and preceptors across the province over three fiscal years.

Tables & Figures

- a. # of Students, Placement Hours by Discipline & Sub-Discipline and Receiving Agency Table 2
Figure 1 & Figure 2
- b. # of Medical Students (Under-grads and Post-grads)
- c. # of placements by status/site regions/disciplines
- d. # of Confirmed Placement Requests by Month Table 3
Figure 3
- e. # of Preceptors in HSPnet With a Placement/Fiscal Year

2. Indicator: Monitor Placement Coordination Efficiency

This category includes measures that indicate the efficiency of coordinating student placements across the province over one fiscal year. Given that all students end up with clinical placements, these measures provide data on the proportion of placements that require more than one request.

- a. Rate of request confirm/cancel/decline by discipline Figure 4
- b. Number of placement confirm/cancel/decline by sub-discipline *Reported in 2021-22 only*

3. Indicator: Build Placement Capacity and Innovation

This category includes measures that address need and capacity for student placements, as well as innovative placement models.

- a. # of Placement hours/Program/Sub-discipline/Placing Agency See Placement need report
- b. # of placement hours/Discipline/Sub-discipline/Receiving Agency
- c. # of Inter-professional placement destinations/request status
- d. Distribution of Student Hours by Care Setting/discipline
- e. # of Decline and Cancel by Reason (Top 10 reasons) Figure 6 & Figure 7
- f. # of Staff Participants in Preceptor/Educator Training

4. Indicator: Monitor the Quality of the Clinical Learning Environment

This category includes measures for monitoring quality learning environments.

- a. Evaluation approach TBD

Note: grey, italicized text represent metrics not reported

APPENDIX B: REGIONAL STUDENT PRACTICE EDUCATION METRICS FRAMEWORK

Student Education data will be made available both annually as aggregate provincial data (see Appendix A); and throughout the year to support regional monitoring and decision-making activities at regular intervals (e.g. each term, prior to reply-by timeframes), as outlined below.

Indicator: Monitor Provincial Student Practice Education Activities

This category includes measures that placement requests and status by term.

- a) # of Students, Placement Hours by Discipline & Sub-discipline and Receiving Agency
- b) *Placement usage by status/site regions/disciplines*
- c) # of Confirmed Placement Requests by Month

Indicator: Monitor Placement Coordination Efficiency

This category includes measures that indicate the efficiency of coordinating student placements across the province over one fiscal year. These measures provide data on the proportion of placements that require more than one request.

- a) Rate of placement confirm/cancel/decline by discipline

Indicator: Build Placement Capacity and Innovation

This category includes measures that address need and capacity for student placements, as well as innovative placement models.

- a) *# of Placement hours/Program/Sub-discipline/Placing Agency*
- b) *# of placement hours/Discipline/Sub-discipline/Receiving Agency*
- c) *# of Inter-professional placement destinations/request status*
- d) *Distribution of Student Hours by Care Setting/discipline*

Indicator: Monitor the Quality of the Clinical Learning Environment

This category includes measures for monitoring quality learning environments.

- a) *Evaluation approach TBD*

Note: grey, italicized text represent forthcoming metrics

APPENDIX C: GLOSSARY

GLOSSARY	
HSPnet DEFINITIONS	
HOURS	
Student Hours	Total number of placement hours for all students (groups and non-groups) for all confirmed placements (calculated as # of students x the number of placement hours requested).
Placement Hours	Total number of hours requested, per student/group for all confirmed placements.
PLACEMENT STATUS	
Cancelled	A Confirmed, Redirected or Accepted request that has been Cancelled by the Placing Agency or Receiving Agency (with reasons).
Confirmed	Represents all accepted requests that are confirmed by the school and agency.
Accepted by Agency	Represents all accepted requests that have not been confirmed by the school. Once a school accepts the placement, it becomes a Confirmed Status.
Declined	A Pending or Redirected request that has been declined by the Receiving or Placing Agency (with reasons).
OTHER APPLICABLE HSPnet TERMS	
Discipline / Sub-discipline	The classification of the field of study. The list in HSPnet is based on the Classification of Instructional Programs (CIP) codes for education programs. Discipline: General category of Instructional Programs Sub-discipline: Qualification upon completion of a program
Placing Agency	Typically, a health sciences educational institution that initiates a student placement but can be any organization that places a student (e.g. BCEHS).
Placement Destination	The physical or virtual location in which the student will complete their placement experience (e.g. 6 th floor surgical ward, 2B). A destination is considered “active” if a Destination Coordinator is actively managing the Inbox (accepting/declining).
Receiving Agency/Site	The agency (typically but not necessarily a health services organization) that receives a student placement request. The Receiving Agency represents the legal entity (health authority, private lab, etc.) as opposed to the placement destination or site.
GENERAL TERMS	
Students	Learners who are involved in a Student Education experience as part of their studies in an undergraduate, graduate, post-graduate or post-professional education program in the health and human services professions. This may include students from non-clinical programs in health services support areas such as information management, human resources, communications and decision support.
Student Practice Education	The component of an educational program in which students learn and practice in a community, clinical or simulated setting. It provides the experiential learning that helps students acquire the necessary skills, attitudes and knowledge to practice effectively in their field. It may include direct contact with patients/clients and access to their personal health information.
Fiscal Years	April 1, 2020 – March 31, 2021 April 1, 2021 – March 31, 2022 April 1, 2022 – March 31, 2023

APPENDIX D: DATA TABLES

Table 4 reports the number of placement requests throughout the year and the percentage of the total requests for each Placement Status. For FY 2022-23, 67% of requests were confirmed and 31% of requests resulted in the submission of another request by the Placing Agency. See Figure 6 and Figure 7 for the reasons for Declined and Cancelled requests.

A Cancelled or Declined request results in a new request being required to ensure every student can meet their educational practice requirements. This table depicts the activity required to result in a Confirmed placement. There is a positive trend over the last 3 years with a 4.4% increase in the total number of requests. Of those, the Confirmed request rate has increased by 30% with a decrease in both the cancel rate (24%) and decline rate (31%). This maybe an indicator of efficiencies made; however, a more detailed examination of the reasons can assist to provide further insights.

Table 4: Total # and % of Placements Request Status all Disciplines by Fiscal Year

Request Status	FY 2020 - 21		FY 2021 - 22		FY 2022 - 23	
	# of requests	% of requests	# of requests	% of requests	# of requests	% of requests
Conf	13,058	54%	16,331	65%	16,950	67%
Canc	6,035	25%	4,431	18%	4,589	18%
DecA	4,914	20%	3,984	16%	3,385	13%
New	137	1%	147	1%	256	1%
AccA	50	0%	41	0%	62	0%
Redir	25	0%	22	0%	42	0%
Sent	1	0%	7	0%	12	0%
Reac		0%		0%	1	0%
Grand Total	24,220	100%	24,963	100%	25,297	100%

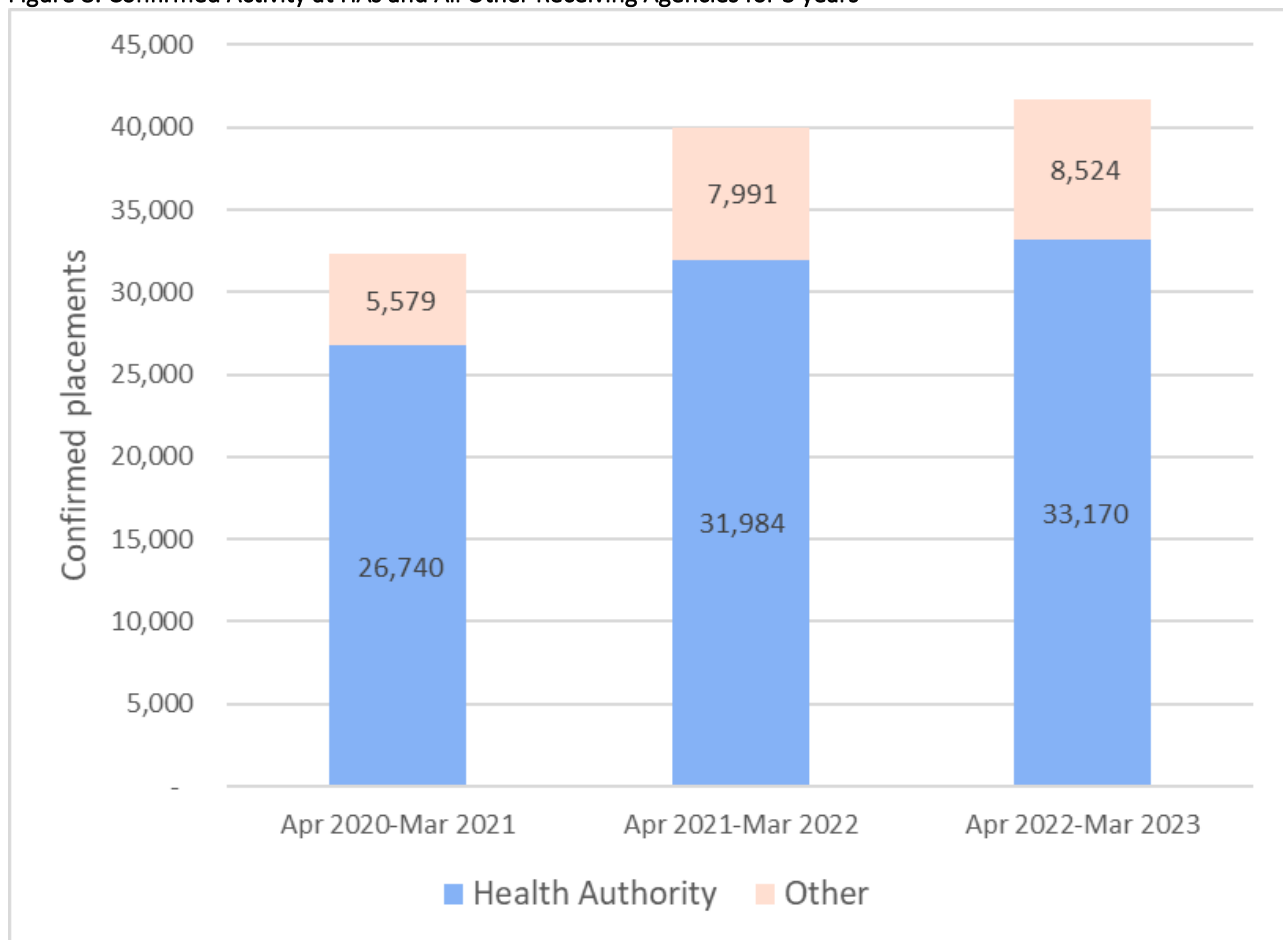
ACTIVITY AT BC HEALTH AUTHORITIES AND ALL OTHER RECEIVING AGENCIES

Figure 8 depicts the number of confirmed placements at BC health authorities and all other receiving agencies. There are roughly 50 non-health authority receiving agencies included in the placement numbers below. Examples of non-authority agencies are post-secondary clinics, affiliated and private long-term care, community pharmacies, and some private clinics.

Overall, there is a 27% increase in confirmed placements from 32,334 (2020-21) to 41,057 (2022-23). Based on the data captured in HSPnet in the last 3 years, the proportion of activity between HA and non-HA placements has increased. For example, in 2020-21, 17% of placement requests were to non-HA receiving agencies which increased to 21% in 2022-23 even though HA receiving agencies also increased. Moreover, in the last 3 years, there was a 22% increase in placements at HA receiving agencies (26,740 to 33,170).

Looking at only Other Receiving Agencies, the placements increased by 53% (5,579 to 8,524).

Figure 8: Confirmed Activity at HAs and All Other Receiving Agencies for 3 years

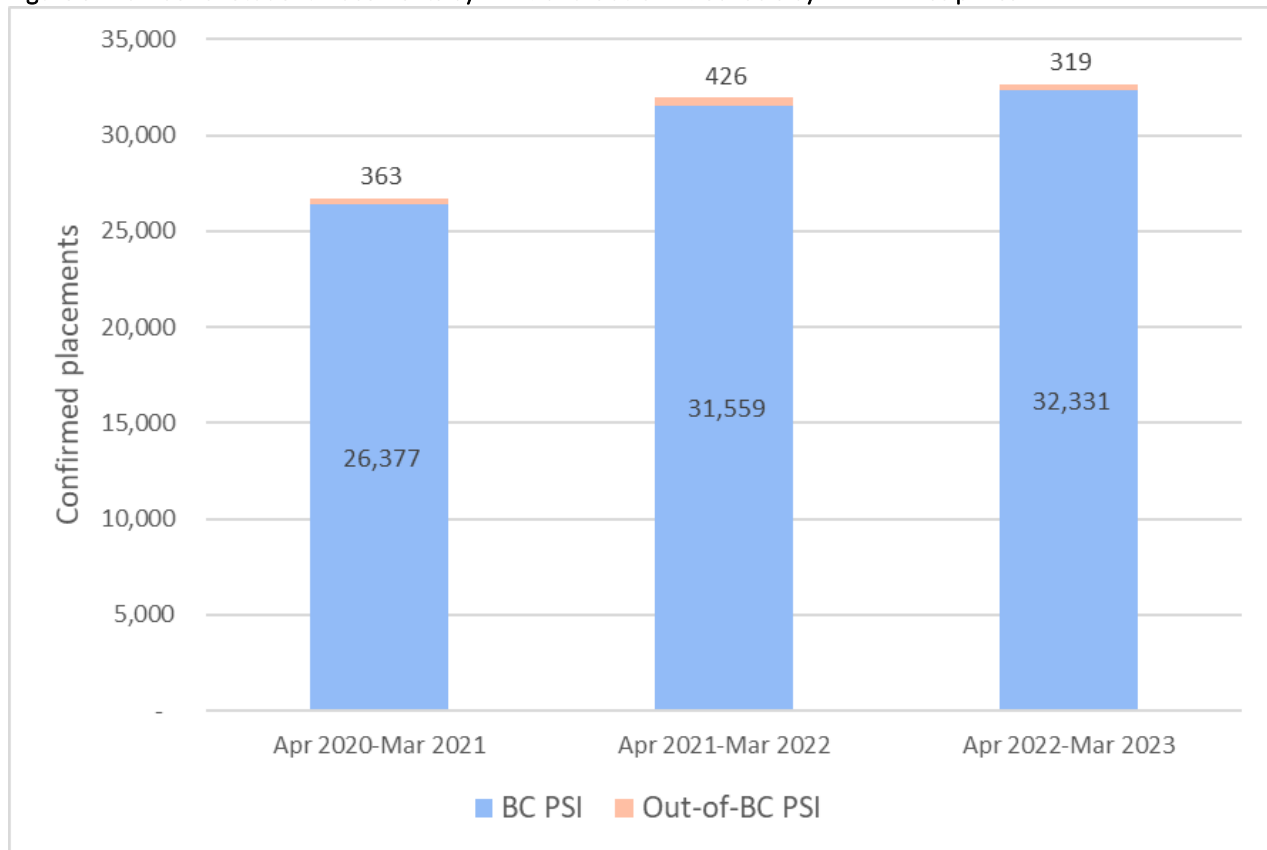


ACTIVITY FROM POST-SECONDARY INSTITUTIONS OUTSIDE BC

Figure 9 depicts the number of confirmed student placements at BC health authorities from post-secondary institutions in and out of BC over the last three years.

A consistent proportion of placements are from BC post-secondary institutions, with a 25% decrease in confirmed placements from out of BC PSI in the last year. The total number of placement requests from out-of-BC schools over the last three years is 766, 805, and 637. This provides some explanation for the decrease in placements provided to out-of-BC schools. As overall student hours and student placement numbers have increased, in the last three years there has been a 22% increase in requests confirmed from BC Placing Agencies (26,377 to 32,331) to health authority Receiving Agencies.

Figure 9: Number of Student Placements by in-BC and Out-of-BC Schools by FY – All Disciplines



SUB-DISCIPLINES AND BC POST-SECONDARY INSTITUTIONS LIST

Table 5 lists the Disciplines and Sub-disciplines alphabetically and the post-secondary institutions with confirmed placements in health authorities (other is not included) in FY 2022-23. The percentage is each institution's portion of confirmed placements within the sub-discipline. For example, UBC placed 44% of the Dental Hygienists that had confirmed placements in a health authority. This data does not capture placements not in a BC health authority or from out-of-BC Placing Agencies.

Specially for baccalaureate nursing programs, the top three Placing Agencies are BC Institute of Technology (13.5%), UBC Okanagan Campus (10.9%) and Langara College (9.7%). For Licensed Practical Nurse programs, the top three Placing Agencies are Sprott-Shaw College (18.1%), Vancouver Community College (17%) and Okanagan College (16%). In the Technologist/Technician discipline, the largest sub-discipline is Medical Laboratory Technologists, with three-quarters of all placement requests coming from BC Institute of Technology.

Table 5: All Sub-disciplines Reported in FY 2022- 23 and the Providing Post-Secondary Institution

Discipline/Sub-discipline/PSI	% of Student Placements	Discipline/Sub-discipline/PSI	% of Student Placements
Administration		College of New Caledonia	7.94%
Clerical - General		Douglas College	4.76%
Okanagan College	100.00%	Okanagan College	22.22%
Health Unit Coordinator/Nursing Unit Clerk		University of the Fraser Valley	7.94%
Academy of Learning	0.22%	Vancouver Career College	1.59%
College of New Caledonia	3.53%	Vancouver Community College	19.05%
Guildford College	0.22%	Medical Transcriptionist	
North Island College	2.65%	Vancouver Community College	100.00%
Okanagan College	10.15%	Dental Medicine	
Placing Agencies - BC Other	0.66%	Dental Hygienist	
Selkirk College	5.52%	Camosun College	16.95%
Sprott-Shaw College	32.01%	University of British Columbia	44.07%
Stenberg College International Inc.	19.87%	Vancouver Community College	38.98%
University of the Fraser Valley	12.14%	Emergency Medical Technology	
Vancouver Community College	11.04%	Paramedic-Advanced/Critical Care	
Vancouver Island University	1.99%	Justice Institute of BC	100.00%
Hospital and Health Care Facilities Administration		Paramedic-Primary Care/Emergency Medical Technician	
Stenberg College International Inc.	100.00%	Columbia Paramedic Academy	17.20%
Library and Information Technology		Justice Institute of BC	82.80%
Langara College	100.00%	Food & Nutrition	
Library Technician		Dietitian - Bachelors	
University of the Fraser Valley	100.00%	University of British Columbia	100.00%
Master of Library and Information Services		Food Services Management	
University of British Columbia	100.00%	Langara College	100.00%
Medical Office Assistant		Gerontology	
Academy of Learning	1.59%	Gerontology Diploma Prog	
BC Institute of Technology	33.33%	Selkirk College	100.00%
CDI College	1.59%	Health Information Management	

Discipline/Sub-discipline/PSI	% of Student Placements
Health Information Management Professional/Health Records Administrator	
Douglas College	100.00%
Management	
Master of Health Administration	
University of British Columbia	100.00%
Policy and Planning	
University of British Columbia	100.00%
Medicine	
Midwifery	
University of British Columbia	100.00%
Non-Health	
Bachelor of Science	
Kwantlen Polytechnic University	100.00%
Master of Business Administration	
Northern Lights College	16.67%
Simon Fraser University	83.33%
Other Non Health Disciplines	
BC Institute of Technology	1.61%
College of New Caledonia	8.06%
Douglas College	1.61%
Placing Agencies - BC Other	66.13%
University of British Columbia	17.74%
Vancouver Island University	4.84%
Pastoral/Spiritual Care	
Placing Agencies - BC Other	100.00%
Nursing	
Bacc Nursing - BScN/BSN/BN	
BC Institute of Technology	13.46%
Camosun/UVic Joint BSN Program	8.33%
Coast Mountain College	0.36%
College of New Caledonia	2.37%
College of the Rockies	1.50%
Douglas College	6.35%
Kwantlen Polytechnic University	5.19%
Langara College	9.67%
North Island College	1.88%
Okanagan College	0.82%
Selkirk College	2.37%
Thompson Rivers University	6.88%
Trinity Western University	2.59%

Discipline/Sub-discipline/PSI	% of Student Placements
UBC Okanagan Campus	10.89%
University of British Columbia	5.52%
University of Northern British Columbia	9.31%
University of the Fraser Valley	6.25%
Vancouver Community College	3.06%
Vancouver Island University	3.22%
Bacc Nursing - Post Diploma BSN/BN	
Langara College	100.00%
Licensed/Registered Practical Nurse	
Camosun College	2.70%
CDI College	8.55%
Coast Mountain College	1.40%
College of New Caledonia	2.54%
College of the Rockies	2.64%
Discovery Community College	5.21%
Kwantlen Polytechnic University	0.13%
North Island College	1.62%
Northern Lights College	1.84%
Okanagan College	16.04%
Sprott-Shaw College	18.17%
Stenberg College International Inc.	8.26%
Thompson Rivers University	0.98%
University of the Fraser Valley	3.65%
Vancouver Career College	5.34%
Vancouver Community College	17.03%
Vancouver Island University	3.91%
Nurse Practitioner	
University of British Columbia	31.25%
University of Northern British Columbia	29.17%
University of Victoria	39.58%
Nursing - Masters	
University of British Columbia	42.86%
University of Victoria	57.14%
Post-LPN/RPN Specialty	
Okanagan College	100.00%
Post-RN Specialty	
BC Institute of Technology	98.73%
University of Northern British Columbia	1.27%
Psychiatric Nursing - Diploma	
Stenberg College International Inc.	100.00%
Psychiatric Nursing Bacc - BScN/BN/RPN Psych	

Discipline/Sub-discipline/PSI	% of Student Placements
Douglas College	84.41%
Kwantlen Polytechnic University	15.59%
Psychiatric Nursing Bacc - BScN/BN/RPN Psych - Post Diploma	
Douglas College	100.00%
Registered Nurse	
John Collins Consulting Inc.	0.23%
Kwantlen Polytechnic University	88.94%
Okanagan College	3.23%
Thompson Rivers University	7.60%
Other Health	
Activity Assistant	
College of the Rockies	95.45%
University of the Fraser Valley	4.55%
Bachelor of Public Health	
University of Victoria	100.00%
Biomedical Engineer	
BC Institute of Technology	100.00%
Community Care Licensing	
Justice Institute of BC	100.00%
Community Health and Preventive Medicine	
Camosun College	26.53%
Douglas College	48.98%
Vancouver Island University	24.49%
Environmental Health	
BC Institute of Technology	100.00%
Health/Medical Physics	
UBC Okanagan Campus	100.00%
Kinesiology	
Simon Fraser University	14.29%
University of British Columbia	85.71%
Master of Science in Medical Genetics	
University of British Columbia	100.00%
Masters of Public Health	
Simon Fraser University	68.00%
University of British Columbia	24.00%
University of Victoria	8.00%
Other Health	
Camosun College	23.08%
Okanagan College	3.08%
Placing Agencies - BC Other	1.54%

Discipline/Sub-discipline/PSI	% of Student Placements
Vancouver Island University	72.31%
Resident Care / Health Care / Institutional Aide	
BC Resident Care Aide Program	0.24%
Cambria College	0.46%
Camosun College	3.55%
Capilano University	0.67%
Coast Mountain College	3.12%
College of New Caledonia	10.07%
College of the Rockies	1.96%
Discovery Community College	6.06%
Douglas College	4.10%
First College	0.18%
Gateway College	0.31%
Kwantlen Polytechnic University	2.63%
Native Education College	1.25%
Nicola Valley Institute of Technology	2.05%
North Island College	4.59%
Northern Lights College	2.85%
Okanagan College	10.93%
Selkirk College	4.29%
Sprott-Shaw College	14.57%
Stenberg College International Inc.	0.77%
Thompson Rivers University	6.86%
University of the Fraser Valley	5.39%
Vancouver Community College	3.55%
Western Community College	0.43%
Vancouver Island University	9.12%
Various - Multidisciplinary/Interdisciplinary	
University of British Columbia	100.00%
Pharmacy	
Pharmacist	
University of British Columbia	100.00%
Pharmacy Technician	
Academy of Learning	0.76%
CDI College	16.67%
Okanagan College	14.39%
Selkirk College	9.09%
Stenberg College International Inc.	41.67%
Vancouver Community College	17.42%
Psychology	
Counselling Psychology	

Discipline/Sub-discipline/PSI	% of Student Placements
Adler University	3.70%
City University of Seattle in Vancouver BC	59.26%
Trinity Western University	14.81%
University of British Columbia	18.52%
University of Victoria	3.70%
Psychology (Masters)	
Adler University	100.00%
Psychology (PHD)	
Simon Fraser University	46.43%
UBC Okanagan Campus	25.00%
University of British Columbia	10.71%
University of Victoria	17.86%
Rehabilitation Sciences	
Audiologist	
University of British Columbia	100.00%
Occupational Therapist	
John Collins Consulting Inc.	0.34%
University of British Columbia	99.66%
Physiotherapist	
University of British Columbia	100.00%
Prosthetist	
BC Institute of Technology	100.00%
Rehabilitation Assistant	
Capilano University	34.36%
Okanagan College	16.56%
Vancouver Community College	47.85%
Vancouver Island University	1.23%
Speech & Language Pathologist/Communications	
University of British Columbia	100.00%
Social Work	
Bachelor of Social Work	
Douglas College	0.83%
Nicola Valley Institute of Technology	3.31%
Thompson Rivers University	16.53%
University of British Columbia	23.14%
University of Northern British Columbia	13.22%
University of the Fraser Valley	14.88%
University of Victoria	14.05%
Vancouver Island University	14.05%
Child and Youth Care Worker	
Douglas College	57.14%

Discipline/Sub-discipline/PSI	% of Student Placements
University of the Fraser Valley	14.29%
University of Victoria	28.57%
Diploma of Social Work	
Northern Lights College	100.00%
Human Services	
College of the Rockies	30.00%
North Island College	30.00%
Selkirk College	30.00%
Thompson Rivers University	10.00%
Master of Social Work	
UBC Okanagan Campus	42.31%
University of British Columbia	43.59%
University of Northern British Columbia	5.13%
University of the Fraser Valley	2.56%
University of Victoria	6.41%
Social Services Worker	
CDI College	25.00%
Langara College	75.00%
Technologist/Technician	
Cardiology/Cardiovascular Tech	
BC Institute of Technology	69.35%
Stenberg College International Inc.	30.65%
Clinical Genetics Technologist	
BC Institute of Technology	100.00%
Electroencephalograph Technologist	
BC Institute of Technology	100.00%
Magnetic Resonance Imaging (MRI) Technology/Technician	
BC Institute of Technology	100.00%
Medical Laboratory Assistant	
Allied Healthcare Training Inc. West Coast College	9.25%
Cambria College	6.51%
Camosun College	4.11%
CDI College	6.51%
Stenberg College International Inc.	24.66%
Thompson Rivers University	20.89%
Vancouver Career College	5.14%
Vancouver Community College	22.95%
Medical Laboratory Technologist	
BC Institute of Technology	75.00%
College of New Caledonia	25.00%

Discipline/Sub-discipline/PSI	% of Student Placements
Nuclear Medicine Tech	
BC Institute of Technology	100.00%
Other Technologist	
College of New Caledonia	10.91%
Okanagan College	89.09%
Perfusionist	
BC Institute of Technology	100.00%
Radiology Tech	
BC Institute of Technology	42.25%
Camosun College	40.70%
College of New Caledonia	17.05%
Sonography Tech	
BC Institute of Technology	62.93%
Camosun College	20.69%
College of New Caledonia	16.38%
Sterile Processing Technician	
Vancouver Community College	100.00%
Therapist	

Discipline/Sub-discipline/PSI	% of Student Placements
Art Therapist	
Placing Agencies - BC Other	50.00%
Vancouver Art Therapy Institute	50.00%
Massage Therapist	
West Coast College of Massage Therapy	100.00%
Music Therapist	
Capilano University	95.65%
Douglas College	4.35%
Radiation Therapist	
BC Institute of Technology	100.00%
Recreation Therapist Degree	
Douglas College	100.00%
Recreation Therapy Assistant Diploma	
Stenberg College International Inc.	100.00%
Respiratory Therapist	
Thompson Rivers University	100.00%
Grand Total	100.00%

APPENDIX F: STUDENT PRACTICE EDUCATION DATA WORKING GROUP MEMBERSHIP

This report was developed with the oversight and contribution of the BC Student Practice Education Data Working Group (SPEDWG). The following is the membership for 2022/23:

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