



FISCAL YEAR 2017-18

PRACTICE EDUCATION METRICS

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TABLE OF CONTENTS

PHSA Practice Education Metrics Summary	4
Build Practice Education Capacity	6
Placement Activity	6
Figure 1 Total Student Hours by Agency, Placement Type & Fiscal Year - Nursing	6
Figure 2 Total Student Hours by Agency, Placement Type & Fiscal Year – Non-nursing	7
Figure 3 Total Student Hours by Discipline & Fiscal Year - Disciplines with < 10,000 Student hours	8
Figure 4 Total Student Hours by Discipline & Fiscal Year - Disciplines with > 10,000 Student hours	9
Table 1 MDUG – Total # of distinct students, placements and requested days by agency and specialty	10
Table 2 PGME – Total # of distinct students, placements and requested days by agency and specialty	11
Figure 5 Total Number of Confirmed Placement Requests by Discipline by Fiscal Year	13
Figure 6 Number of Confirmed Placement Requests by Month and Fiscal Year	14
Figure 7 Number of Medical Student Placement Requests by Month – FY 17-18	15
Figure 8 Top Reasons for Placement Decline by PHSA by Fiscal Year	16
Preceptor/Educator Training	17
Table 3 Number of Preceptors/Educators trained by the Educator Pathway Program by Agency	17
Preceptor/Destination Activity	17
Figure 9 Number of HSPnet Preceptors by Student Placement Activity and Fiscal Year - Nursing	18
Figure 10 Number of HSPnet Preceptors by Student Placement Activity and Fiscal Year – Non-nursing	18
Table 4 Number of BCEHS Preceptors & Placement Activity by Program by Fiscal Year	19
Figure 11 Total Number of Destinations by Placement Activity, Site and FY	19
Table 5 Estimated Cost of PHSA Preceptor Time by Discipline and Encounter Type in FY 2017-18	20

TABLE OF CONTENTS *continued*

Build Effective Partnerships and Collaborations that Support Innovation	21
Figure 12 Number of Affiliation Agreements by Region and Sector by FY	21
Figure 13 Number of Affiliation Agreements Utilizing Standard Template by FY	22
Figure 14 Number of Student Hours by Top 10 Educational Institutions by FY – All Disciplines	22
Figure 15 Number of Student Hours by Top 8 Educational Institutions by FY – Nursing Placements	23
Figure 16 Number of Student Hours by Top 8 Educational Institutions by FY – Non-nursing Placements	23
Figure 17 Distribution of Student Hours by Placement Setting by FY	24
Figure 18 Percent of Student Hours by Practice Setting by Agency by FY	25
Monitor the Quality of Clinical Learning Environment and Results	26
Table 6 Number of New Hires by PHSA Placements Program for top 85%	26
Table 7 Number of PHSA Placements by Educational Institution for New Hires	27
Appendix A - Glossary	28
Appendix B - Total Student Hours by Discipline and Sub-discipline by Agency	32
Appendix C - Number of Declines, Students and Hours by Discipline, Agency and Reason	36
Appendix D - Education Institutions with Affiliation Agreements in Place FY 2017-18	39
Appendix E - Total Student Hours by Education Institution by Sub-Discipline	40
Appendix F - New Hire Orientation Course – Practice Education Questions	47

PHSA PRACTICE EDUCATION METRICS SUMMARY

Indicator		Key Measure Description	FY 2015-16	FY 2016-17	FY 2017-18
			Value	Value	Value
Build Practice Education Capacity	1a	Total Number of Student Hours by Agency (excludes medical students)	245,560	235,396	255,382
		BCCH	99,880	110,542	91,497
		BCEHS	75,264	56,408	70,939
		BCW	38,160	36,795	38,029
		BCMHSUS (Forensics, MH & Addictions, Burnaby Centre for MH, CHS)	9,910	16,878	29,029
		BC Cancer – all locations	16,943	9,701	17,145
		SunnyHill	5,043	4,192	7,392
		All Other (BCCDC, PSBC, BCPSLS, Trans Care BC, PHSA)	360	880	1,351
	1b	Total Number of Medical Students (Undergraduate & Postgraduate)	Full Year	Fiscal Year	Fiscal Year
		Undergraduate Medical Students (annual)	403	405	454
		Postgraduate Medical Residents (annual)	571	697	793
	1e	Estimated Cost of Staff Time by Encounter Type			
	One-to-one	\$3,958,872	\$3,227,016	\$3,896,431	
	Group	\$102,202	\$115,282	\$104,172	
1f	Total Number of confirmed placement requests in HSPnet**	682	743	806	
1g	Total Number of PHSA declined placement requests in HSPnet**	259	229	241	
1h	Total Number of Staff Participants involved in Preceptor/Educator Training				
	Educator Pathway Project (Preceptor/Educator Training)	40	56	45	
	BC Emergency Health Services (Preceptor Training)	27	0	2	
1i	Total Number of Preceptors in HSPnet with and without a placement				
	With a placement	253	315	347	
	Without a placement	280	212	300	
1j	Total Number of Destinations in HSPnet with and without a placement				
	With a placement	157	151	168	
	Without a placement	276	268	221	

Indicator		Key Measure Description	FY 2015-16	FY 2016-17	FY 2017-18
			Value	Value	Value
Build Effective Partnerships and Collaborations to Support Innovation	2a	Total # of Affiliation Agreements (% based on standard template)	77(75%)	73(81%)	68(88%)
	2b	Top 5 Education Institutions by placement hours-all disciplines			
		Justice Institute of BC	75,448	49,172	66,235
		University of BC**	41,881	44,897	45,191
		BCIT	34,778	33,848	40,696
Langara		30,895	25,855	23,793	
	Thompson Rivers University	18,968	18,848	18,218	
2c	Total Number of student hours in an ambulatory/outpatient care setting**	33,521	28,307	37,268	
2d	Distribution of Student Hours by practice education setting				
	Inpatient	106,061	113,653	103,684	
	On Car (Paramedic)	75,264	56,408	70,939	
	Ambulatory/Outpatient	33,521	28,307	37,268	
	Mixed (OP/Amb & Inpatient)	22,920	30,478	34,962	
	Admin/Support Services & Public/Population Health	7,794	6,540	8,529	
Quality of Clinical Learning Environment and Results	3a	# of hires at PHSA with previous Practice Education Placement	TBD	146 (30%)	559 (20%)
	3b	Quality of the Clinical Learning Environment survey results	TBD	TBD	TBD
	3c	Readiness for Student Practice Education survey results	TBD	See Analysis	NA

** Excludes undergraduate and postgraduate medical students and paramedics

BUILD PRACTICE EDUCATION CAPACITY

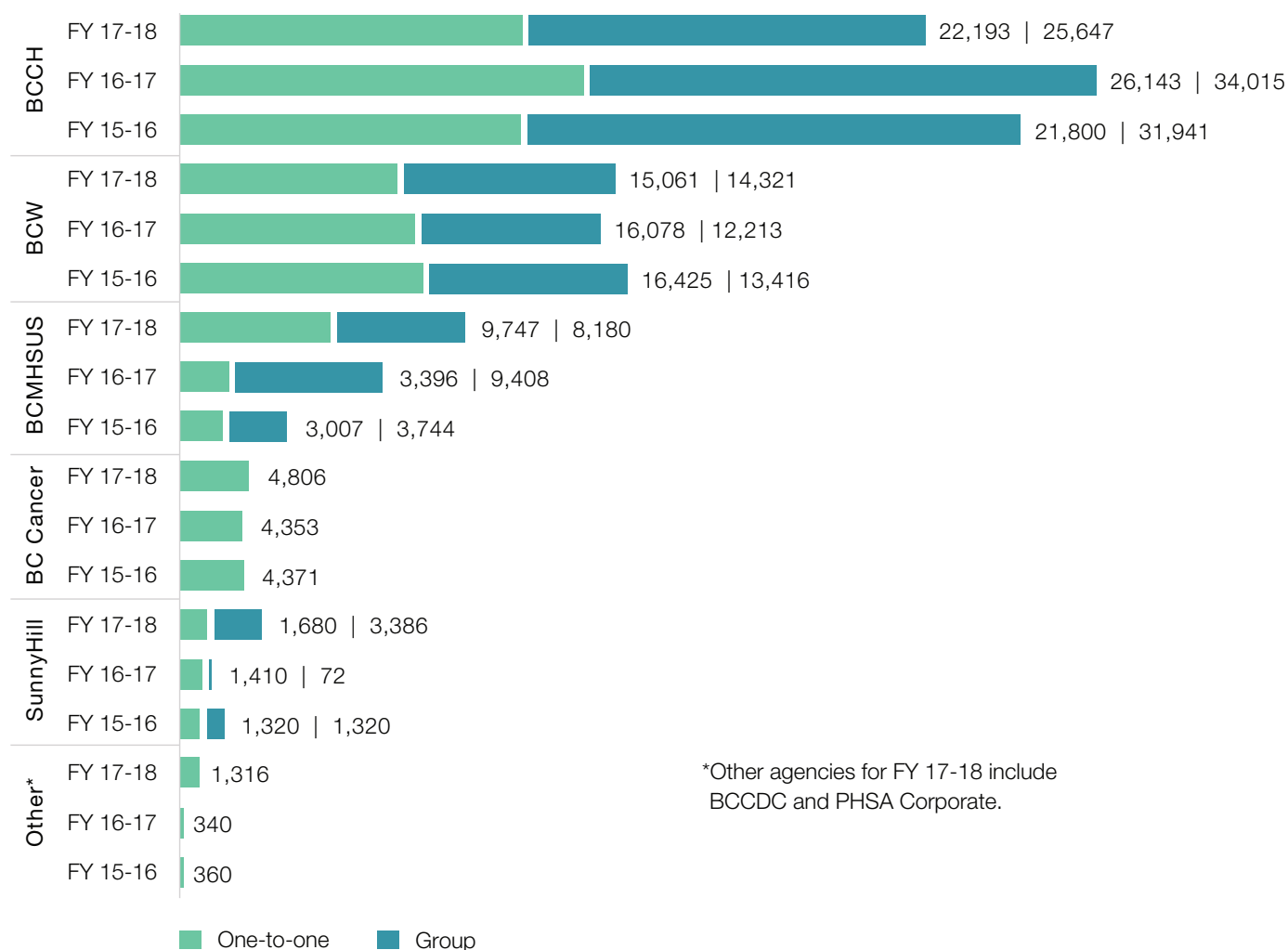
Placement Activity

In FY 17-18, PHSA and its agencies provided 255,382 student hours (not including medical students) of which 80% were one-to-one preceptorships (supervised by a PHSA preceptor/employee) and 20% were group placements (supervised by an instructor provided by the educational institution). Nursing placements represent 42% of total student hours which is a 4% decrease over FY 16-17. This decrease is due to the move to the new Tech Acute Care Centre and to nursing program curriculum changes that are shifting Pediatrics and Perinatal group placements to a

Social pediatrics and community-based learning experience. A breakdown of student hours by PHSA agency, placement type and fiscal year can be found in Figure 1 for nursing and Figure 2 for non-nursing disciplines.

Of the 106,337 nursing student hours provided, 48.5% (down from 52%) of those are in a group setting while 51.5% are one-to-one preceptorships.

FIGURE 1 Total Student Hours by Agency, Placement Type & Fiscal Year - Nursing

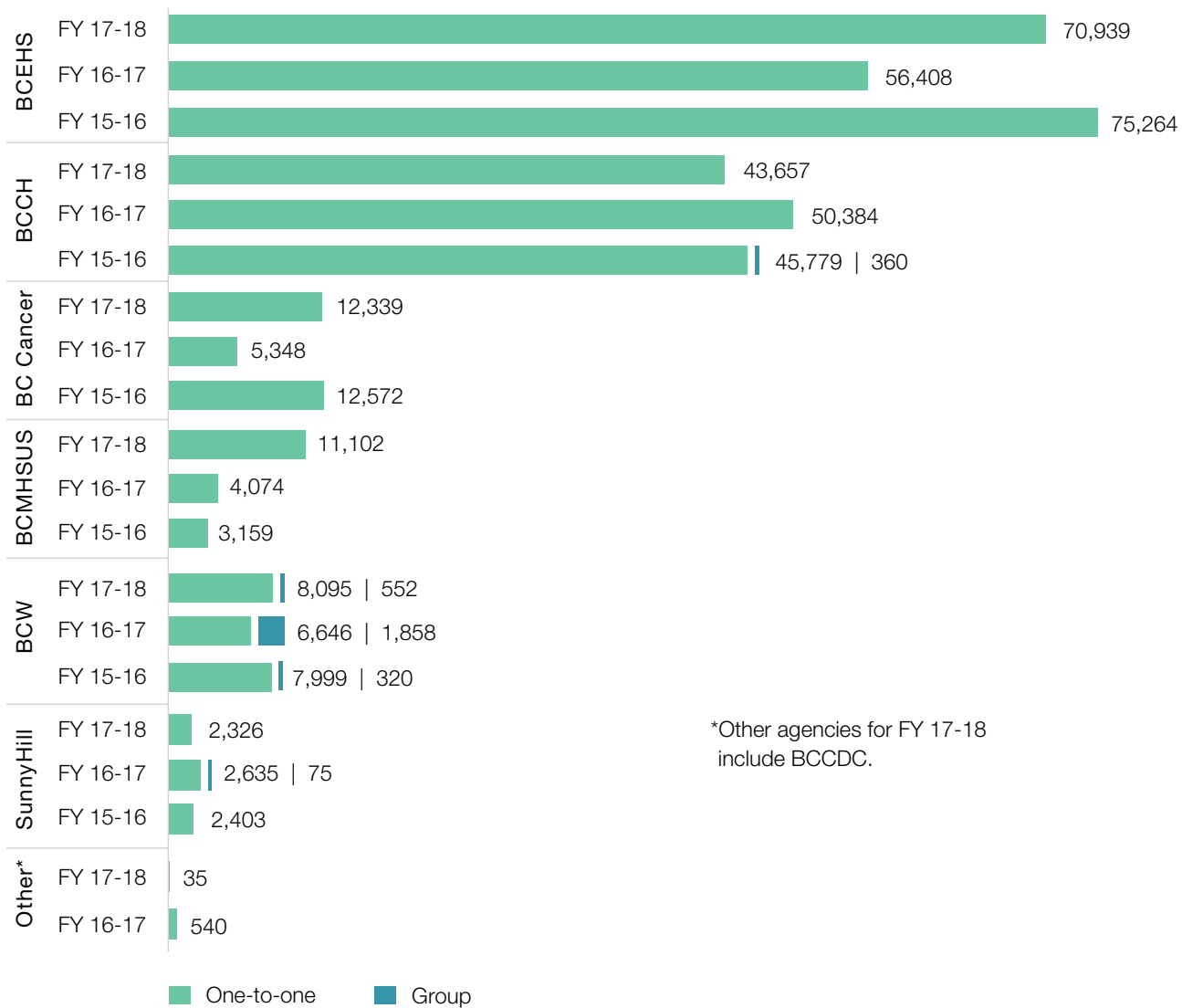


*Other agencies for FY 17-18 include BCCDC and PHSA Corporate.

Non-nursing disciplines include Administration, Food & Nutrition, Non-Health (Masters of Public Health and Health Information Management), Other Health (Midwifery and Therapeutic Touch

Practitioner), Paramedic, Pharmacy, Psychology, Rehab, Social work, Technologists/Technician, and Therapists.

FIGURE 2 Total Student Hours by Agency, Placement Type & Fiscal Year – Non-nursing



A breakdown of hours by discipline and fiscal year can be found in Figures 3 and 4. Figure 3 includes disciplines with less than 10,000 student hours and Figure 4 shows disciplines with greater than 10,000 student hours.

A detailed table of student hours by PHSA agency, discipline and sub-discipline is shown in Appendix B.

FIGURE 3 Total Student Hours by Discipline & Fiscal Year - Disciplines with < 10,000 Student hours

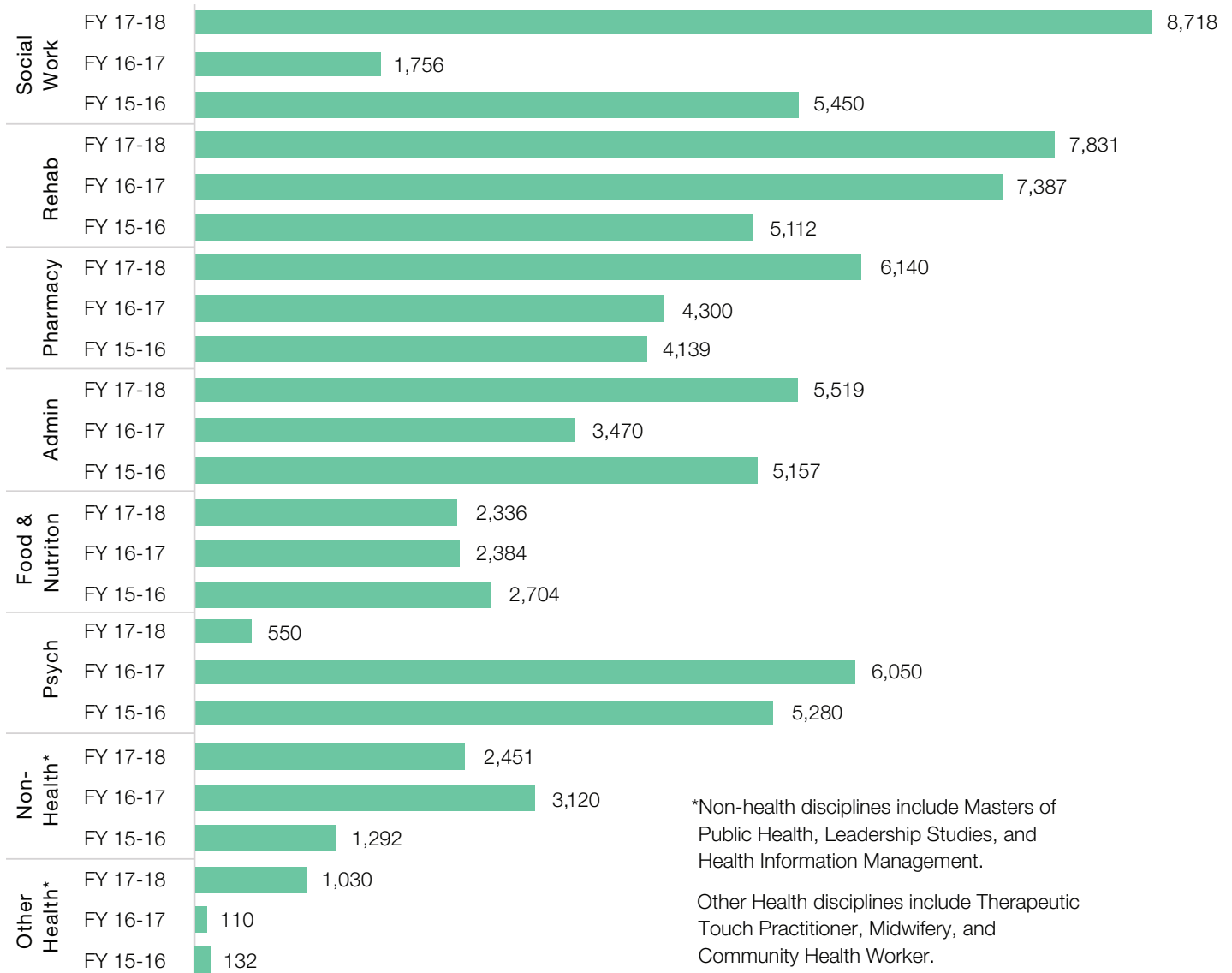
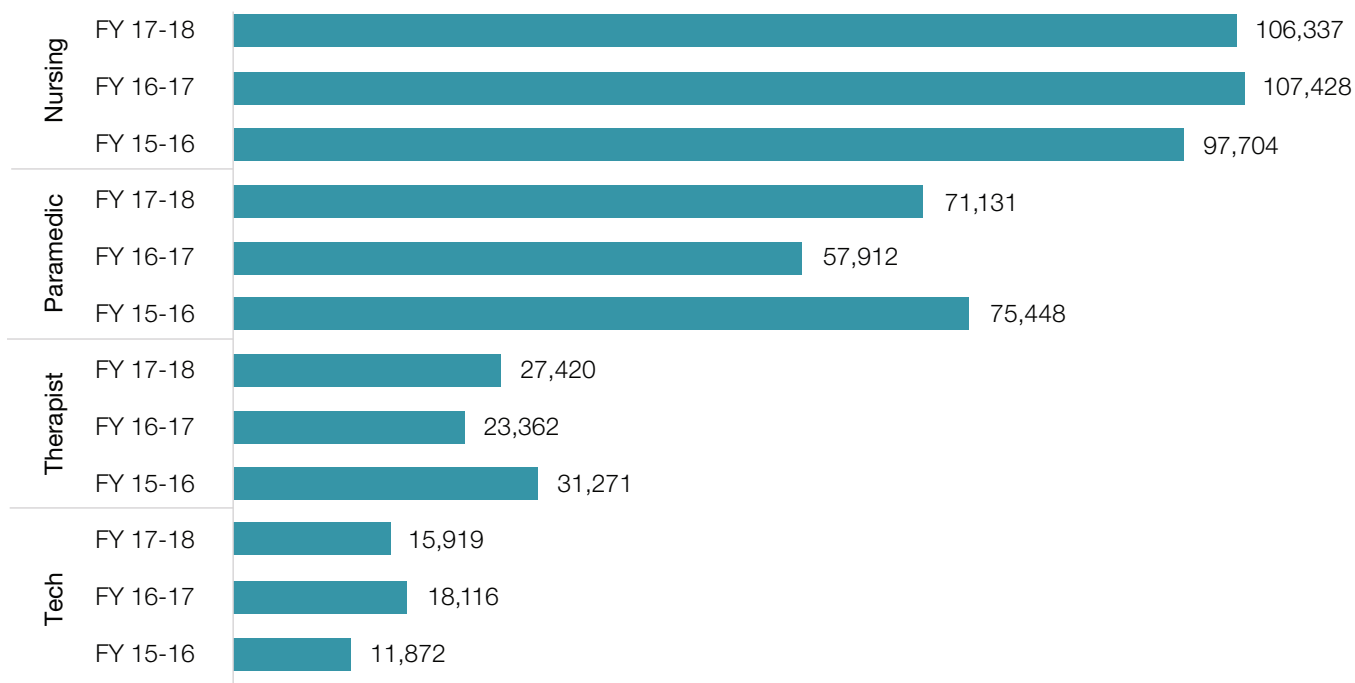


FIGURE 4 Total Student Hours by Discipline & Fiscal Year - Disciplines with > 10,000 Student hours



Through the use of UBC’s one45 placement system all clinical placement data for medical students in both the MD Undergraduate (MDUG) and Postgraduate Medical Education (PGME) programs are uploaded to HSPnet for tracking and reporting. For both the MDUG and PGME programs, the HSPnet data are being utilized for auto-provisioning of computer network access and email accounts. The number of students (1,239), placements (5,215) and days (123,441) for all clinical placements by program can be found in Tables 1 and 2. Total number of days are not representative of actual days worked.

The MD Undergraduate Program (MDUG) had a total of 454 distinct students, representing 1,717 placements and 24,728 days, arriving at PHSA facilities from April 1, 2017 – March 31, 2018. See Table 1 for a breakdown by agency and specialty. Please note that the grand total for the number of distinct students does not represent the sum of the data by agency and specialty due to the same student having placements in multiple specialties and locations.

TABLE 1 MDUG - Total # of distinct students, placements and requested days by agency and specialty

Site	Specialty	# of Distinct Students	# of Placements	Total # of Days
BCCH	Psychiatry	119	245	5,221
	Pediatrics	178	309	4,665
	Ophthalmology	189	226	1,711
	Emergency	72	97	1,104
	Cardiology	36	65	957
	Cardiac Surgery	27	32	447
	Urology	23	31	364
	Plastic Surgery	18	28	308
	Orthopedic Surgery	16	23	266
	Dermatology	12	15	252
	Otolaryngology	11	15	210
	Neurology - Pediatric	15	19	209
	Infectious Disease	6	10	175
	Medical Biochemistry	6	11	140
	Endocrinology	4	8	133
	Pathology	3	5	105
	Medical Genetics	2	4	63
	Rheumatology	2	4	56
ObGyn	1	1	7	
BCW	ObGyn	60	106	2,282
	Family Medicine	25	34	679
	Psychiatry	4	4	63
	Medical Genetics	1	1	28
BC Cancer-Van	Oncology	82	124	1,512
	Internal Medicine	65	93	1,043
	Radiation Oncology	17	23	308
	Orthopedics	4	5	70
	Pathology	1	1	28
BC Cancer-Fras	Radiation Oncology	44	55	697
	Medical Oncology	25	35	422
BC Cancer-VICC	Radiation Oncology	22	27	322
	Medical Oncology	3	5	77
BC Cancer-PG	Radiation Oncology	23	28	377
BCCDC	Public Health	6	10	161
BC Cancer-Kel	Radiation Oncology	6	6	98
Forensic	Forensic Psychiatry	4	7	91
BC Cancer-Abbot	Radiation Oncology	4	5	77
GRAND TOTAL		454	1,717	24,728

The Postgraduate Medical Education program (PGME) had a total of 793 distinct students, representing 3,498 placements and 98,713 days, arriving at PHSA facilities from April 1, 2017 – March 31, 2018. See Table 2 for a breakdown by agency and specialty.

Please note that the grand total for the number of distinct students does not represent the sum of the data by agency and specialty due to the same student having placements in multiple specialties and locations.

TABLE 2 PGME – Total # of distinct students, placements and requested days by agency and specialty

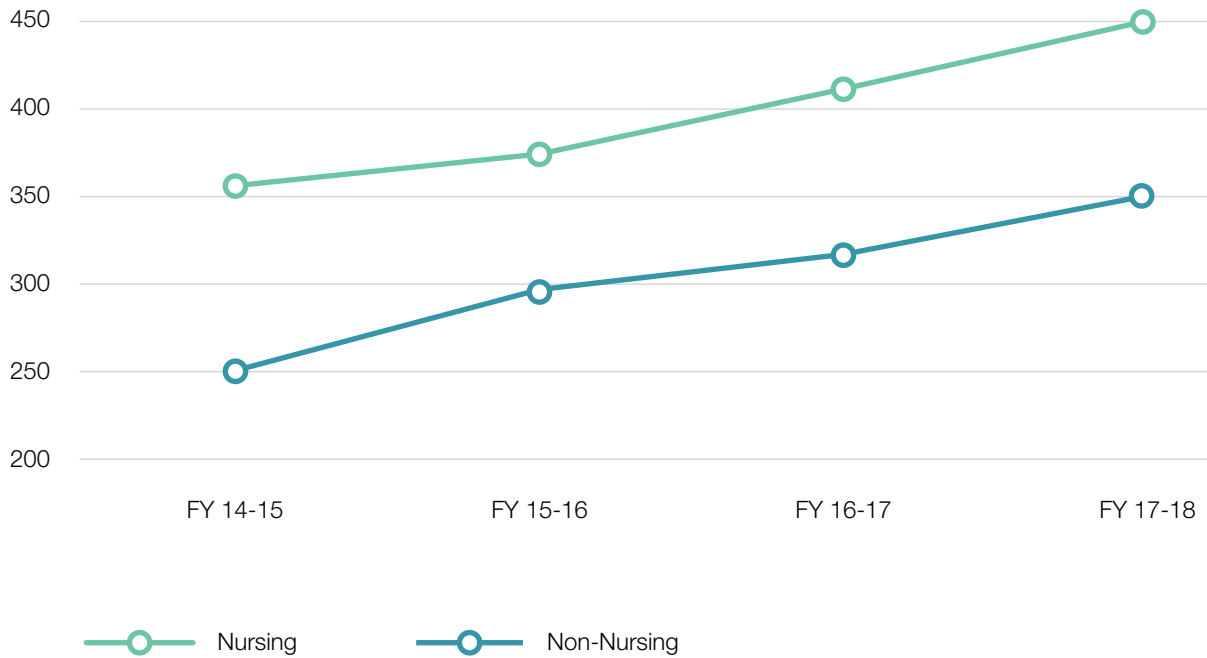
Site	Specialty	# of Distinct Students	# of Placements	Total # of Days
BCCH	Pediatrics	211	769	19,907
	Emergency	152	221	6,908
	Psychiatry	45	173	5,351
	Critical Care	67	107	3,581
	Endocrinology	36	84	2,940
	ObGyn	54	102	2,763
	Anesthesiology	48	91	2,532
	Ophthalmology	25	40	1,680
	Orthopedic Surgery	24	58	1,579
	Rheumatology	13	46	1,289
	Neurology - Pediatric	24	53	1,260
	Medical Biochemistry	24	44	1,189
	Infectious Disease	19	35	979
	Gastroenterology	22	32	895
	Cardiology	21	28	782
	Medical Genetics	14	30	605
	Otolaryngology	11	21	561
	Dermatology	15	22	544
	Family Medicine	7	19	523
	Urology	9	16	449
	Plastic Surgery	8	15	422
	Diagnostic Radiology	13	16	347
	Neurosurgery	5	10	276
	Cardiac Surgery	3	7	198
	Geriatric Medicine	6	7	194
	Physical Medicine & Rehabilitation	2	6	168
	Pathology	4	4	151
Nuclear Medicine	2	2	62	
Neuroradiology	2	2	56	
Gynecological Reproductive Endocrinology & Infertility	1	1	14	
BCW	ObGyn	110	385	10,587
	Anesthesiology	32	60	1,678
	Endocrinology	11	37	1,616
	Medical Genetics	12	41	900
	Urology	15	31	870
	Psychiatry	8	22	776
	General Internal Medicine	12	21	722
	Diagnostic Radiology	19	25	701
	Family Medicine	12	21	567
	Infectious Disease	12	17	471
	Emergency Medicine - Pediatrics	15	18	468

Site	Specialty	# of Distinct Students	# of Placements	Total # of Days
BCW	Geriatric Medicine	7	8	210
	Pediatrics	4	4	128
	Hematology	3	4	110
	Neonatal Perinatal Medicine	1	1	28
	Child & Adolescent Psychiatry	1	1	28
	Gynecological Reproductive Endocrinology & Infertility	1	1	14
BC Cancer-Van	Oncology	69	204	5,666
	Radiation Oncology	34	91	2,435
	Psychiatry	22	74	2,253
	Pathology	25	64	1,777
	ObGyn	17	42	1,178
	Orthopedics	15	40	1,115
	General Survey	14	31	865
	Neurology	11	19	528
	Palliative	11	16	420
	Dermatology	11	15	420
	Gastroenterology	1	2	57
SunnyHill	Developmental Pediatrics	20	35	980
	Physical Medicine & Rehabilitation	4	8	224
BCCDC	Pathology	14	20	556
	Public Health	4	9	250
	Respirology	5	5	129
	Infectious Disease	4	4	95
BC Cancer-VICC	Radiation Oncology	9	10	266
	Medical Oncology	6	6	167
	Hematology	5	5	142
	Gynecological Oncology	2	2	56
Forensic	Forensic Psychiatry	4	17	515
	Psychiatry	1	1	28
BC Cancer-Fras	Medical Oncology	8	8	223
	Radiation Oncology	3	5	125
BC Cancer-Abbot	Geriatric Psychiatry	1	2	59
	Radiation Oncology	2	2	42
BC Cancer-Kel	Medical Oncology	1	2	56
	Dermatology	1	1	7
GRAND TOTAL		793	3,498	98,713

Total number of placement requests (806) are up 25% since FY 14-15. FY 17-18 nursing placement requests total 450 and represent 56% of total requests. Non-nursing requests total 356 and represent 44% of total requests (see Figure 5). The increase in the number of confirmed placement requests is a combination of the increase in the use of HSPnet for placement management

from academic institutions and PHSA departments as well as an increase in the number of placements requests. Continued increase in the number of placement requests is a measure of demand on PHSA resources for the provision of student practice education opportunities.

FIGURE 5 Total Number of Confirmed Placement Requests by Discipline by Fiscal Year



The number of nursing placement requests processed by month (see Figure 6 below) illustrates continued high demand in September, January and May and represents 62% of all nursing placement requests. Non-nursing requests continue to be evenly distributed throughout the year with 42% requested in September,

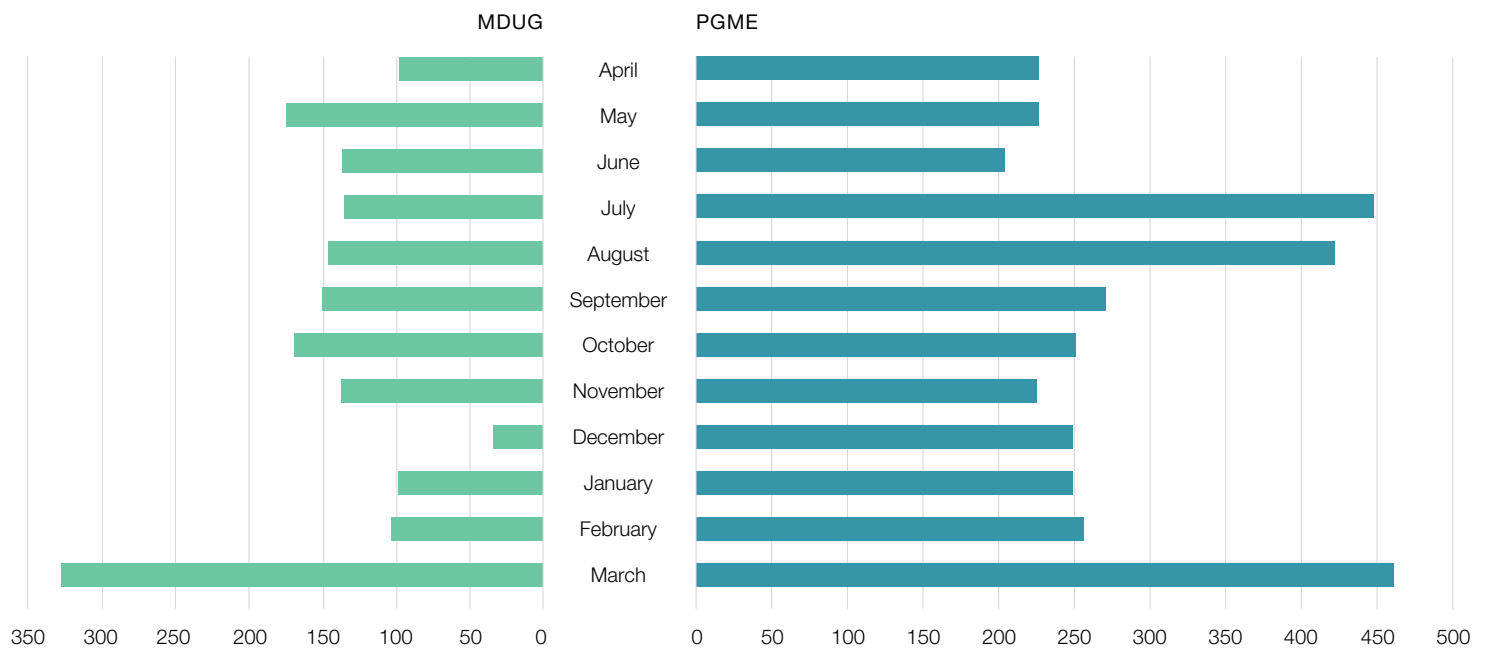
January, and May. Excluded from these graphs are medical students (see Figure 7), and paramedic placements whose current policies result in an equal distribution of placements throughout the year.

FIGURE 6 Number of Confirmed Placement Requests by Month and Fiscal Year



Medical Student placement requests are presented in Figure 7.

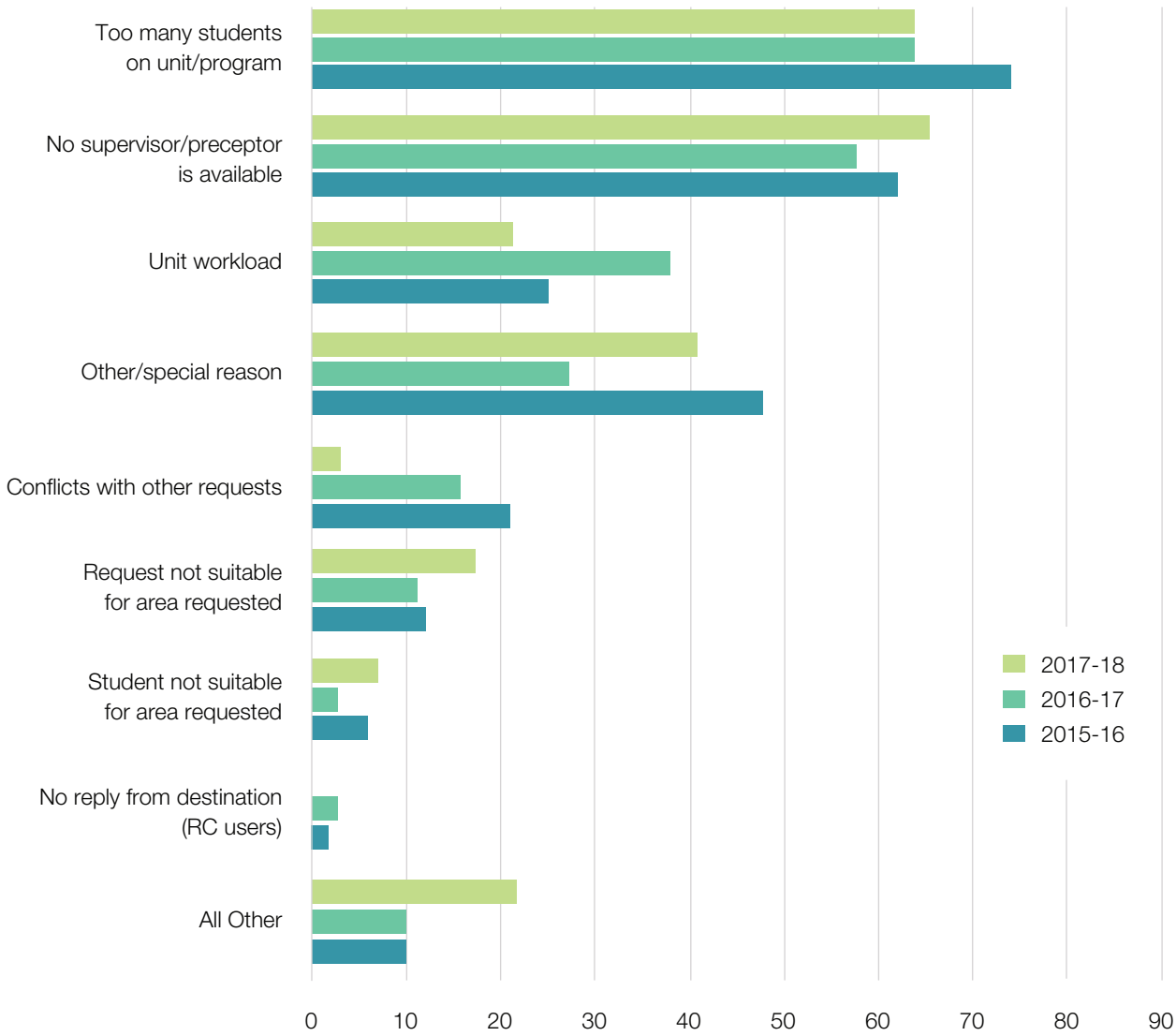
FIGURE 7 Number of Medical Student Placement Requests by Month – FY 17-18



In FY 2017-18, PHSA agencies declined a total of 241 placement requests representing 243 students and 30,761 hours. Requests are for individual and group placements which is why the number of students exceeds the number of requests. Top reasons for these

declines for all agencies combined are shown in Figure 8. The top discipline declined is nursing placements. See Appendix C for declines by discipline, agency and reason for FY 17-18.

FIGURE 8 Top Reasons for Placement Decline by PHSA by Fiscal Year



Declines in the All Other category had less than 3 declines each and include the following: Destination is closed during placement period; No reply from the RA; No Affiliation Agreement in place; Service has changed; Too many hours/shifts requested; No reason given; Blank

Preceptor/Educator Training

PHSA staff participation in preceptor development is a key measure of practice education readiness and an indication of available capacity. Currently, PHSA utilizes the Educator Pathway (EP) program in conjunction with agency specific preceptor development courses to educate and support staff who work with students to deliver the practice education component of health care provider education programs. The EP program consists of 4 levels (see glossary) with level 1 being specific to each health authority. During FY 17-18, Levels 2 and 3 of the ED program had no cohort due to staff availability but will resume in the Fall of 2018. See Table 3 below for a breakdown of preceptor training by agency.

In addition to the EP level 1 training, BCEHS's agency specific program trains Primary Care Paramedic and Advanced Care Paramedic preceptors but had no cohort for either program in FY 17-18. The interviews for the Spring 2017 preceptor Expression of Interest (EOI) competition were not completed and tabulated until the end of January 2018 by Human Resources Talent Acquisition Department so preceptor training did not resume until April 2018. No preceptor training was offered in FY 2017-18. See Table 5 for the number of trained preceptors for these programs.

TABLE 3 Number of Preceptors/Educators trained by the Educator Pathway Program by Agency

Agency	Number of Participants L1
BCCH/BCW	40
BCCDC	0
BC Cancer	0
BCMHSUS	0
BC Lab	0
BC Transplant	3
BCEHS	2
TOTAL	45

Preceptor/Destination Activity

PHSA has a total of 647 active preceptors in FY 17-18, that represent preceptors across all PHSA disciplines who have had an active placement within the past two years and utilize HSPnet. Excluded from these data are the BCEHS preceptors, as they do not utilize HSPnet for paramedic program placements. In addition, although the PGME and the MDUG programs utilize HSPnet for placement access into particular clinical departments, they do not utilize HSPnet to assign physician preceptors as this is managed by UBC outside of HSPnet.

The number of preceptors with and without an active placement by fiscal year for nursing is shown in Figure 9 and for non-nursing in Figure 10. While there is a notable increase in the number of active preceptors accepting students, the number of nursing preceptors with a placement declined due to the move into the new Tech Acute Care Centre and changes in the nursing curriculum requirements. Of note in the non-nursing disciplines is the large increase in the number of active preceptors. This is due to more disciplines actively using HSPnet for placements. These data reflect educating students and does not include educating new employees. Preceptors also educate new staff members and thus, may be unavailable to take a student placement. Whether these data are solely an indication of unused capacity requires further study.

FIGURE 9 Number of HSPnet Preceptors by Student Placement Activity and Fiscal Year - Nursing

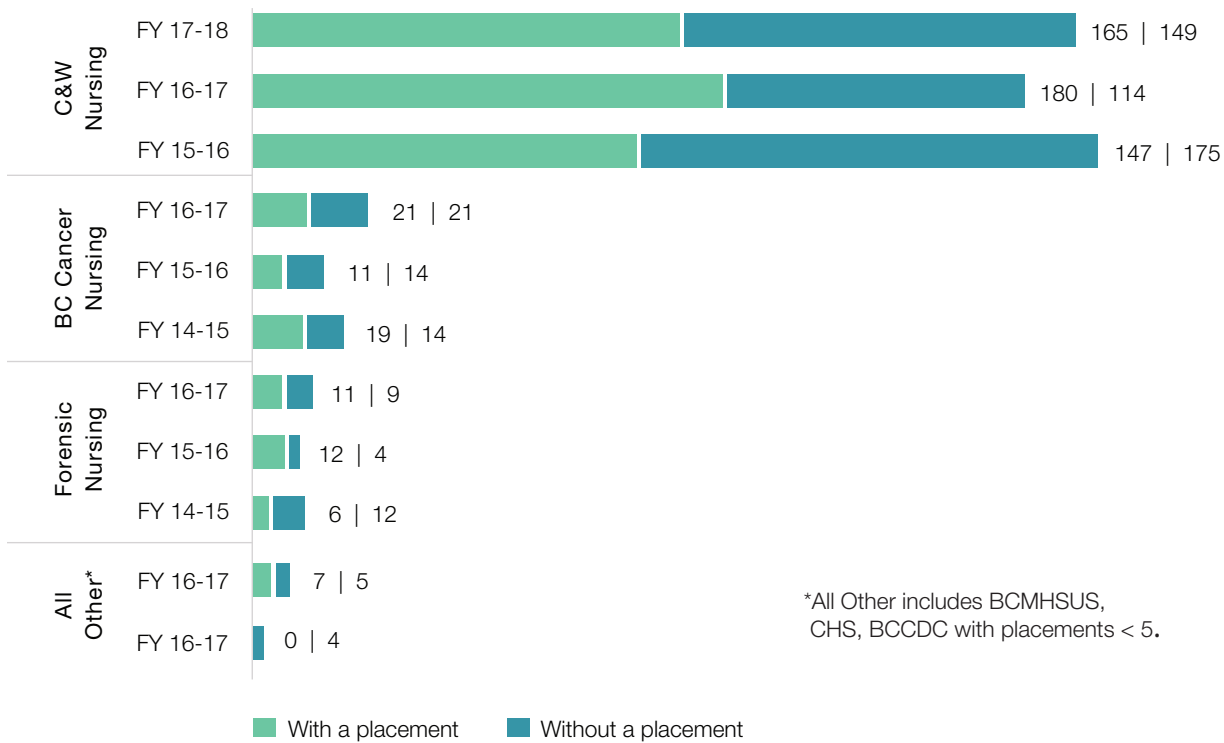
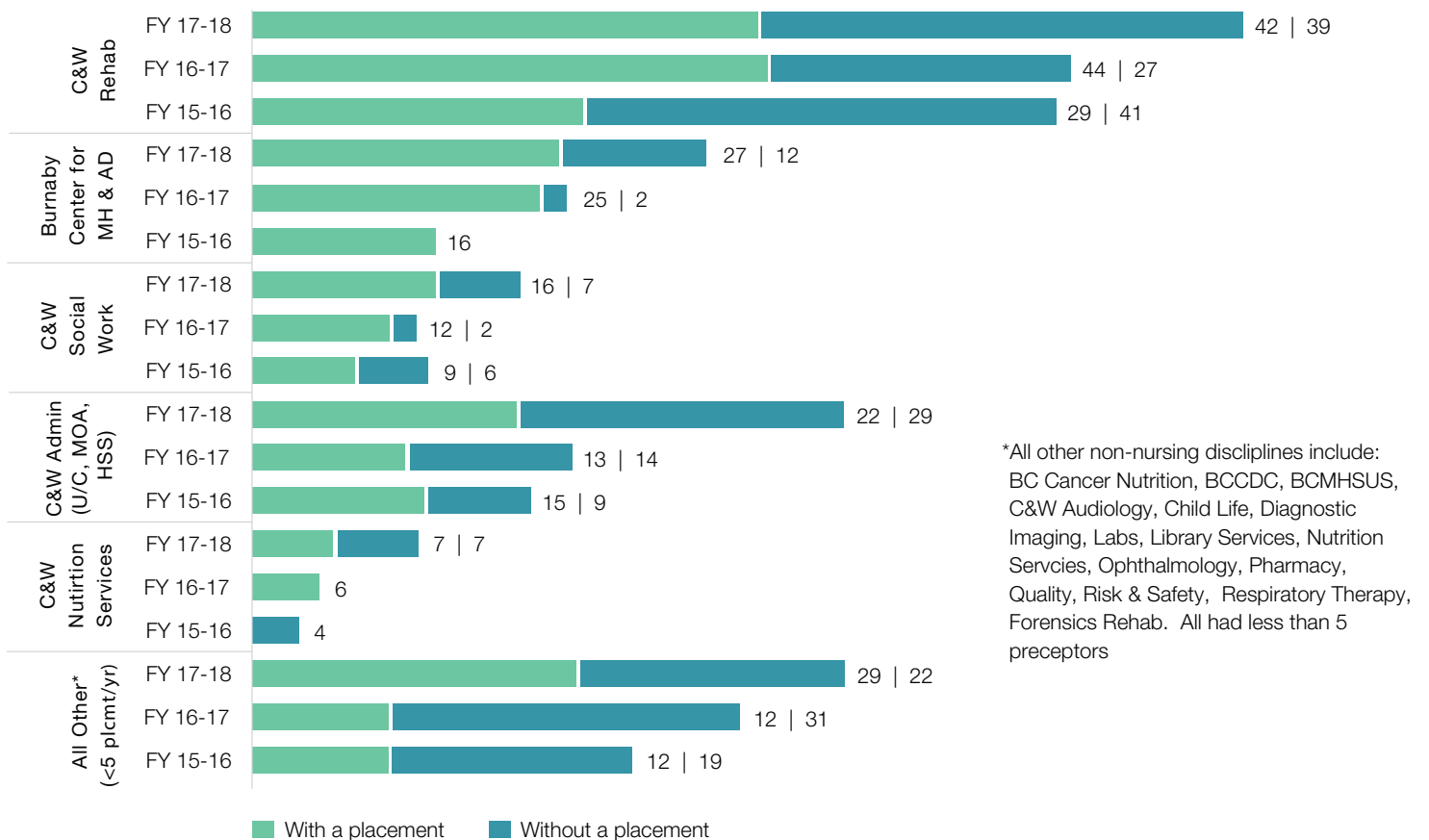


FIGURE 10 Number of HSPnet Preceptors by Student Placement Activity and Fiscal Year – Non-nursing



The number of trained and active preceptors in BC Emergency Health Services (BCEHS) are detailed below in Table 4. This includes all preceptor and student training for the Primary Care Paramedic and Advanced Care Paramedic programs. The reduction in available preceptors for the PCP program in FY 17-18

is due to the lack of any preceptor training in FY 17-18. Training for preceptors for BCEHS other programs (Critical Care Paramedic, Infant Transfer Team, and Dispatch) are excluded. Tracking of preceptors with an active placement resumed this fiscal year and is reported for the first time in 2 years.

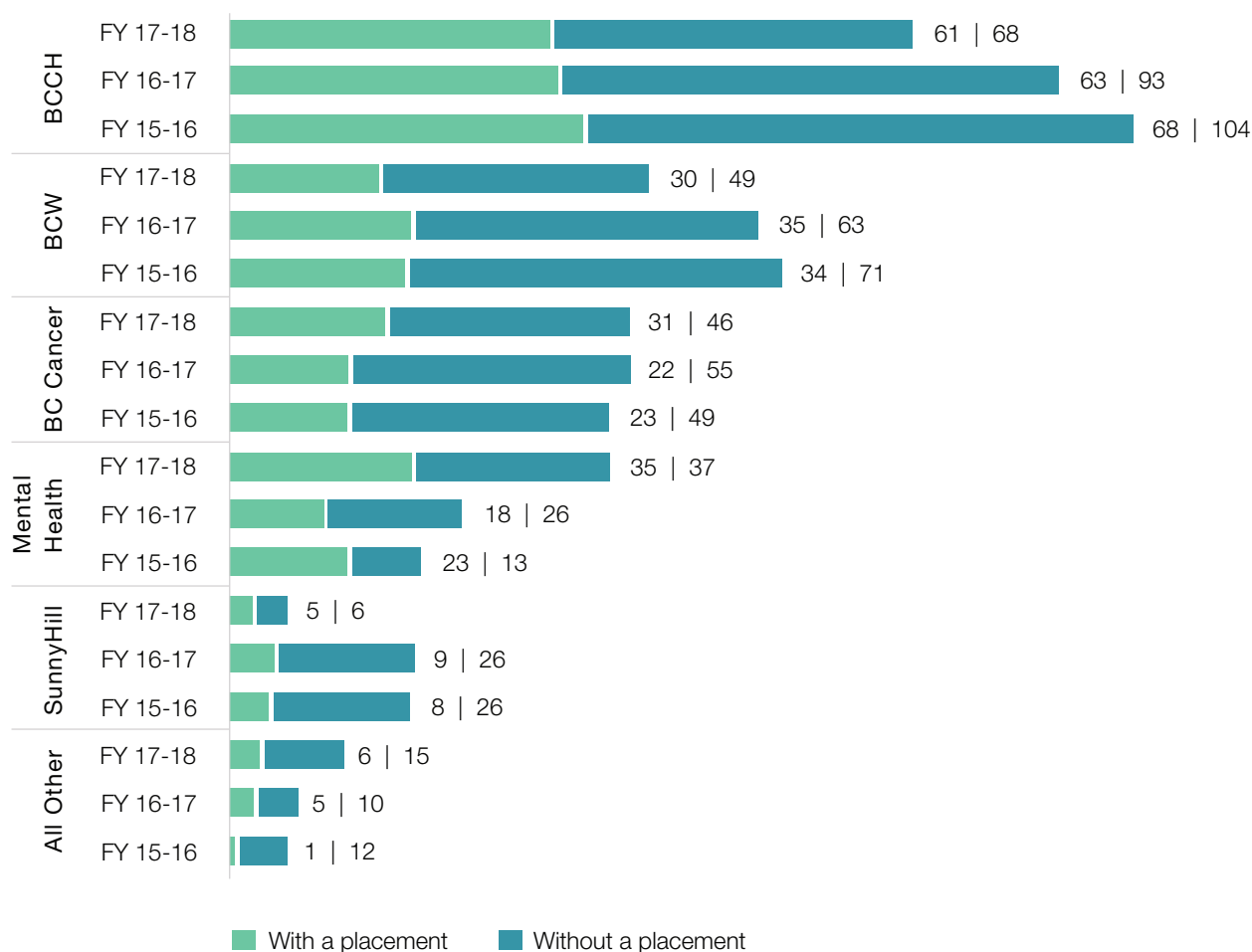
TABLE 4 Number of BCEHS Preceptors & Placement Activity by Program by Fiscal Year

BCEHS Training Program	FY 2015-16		FY 2016-17		FY 2017-18	
	# of Available Preceptors	# of Preceptors with an Active Placement	# of Available Preceptors	# of Preceptors with an Active Placement	# of Available Preceptors	# of Preceptors with an Active Placement
PCP	176	N/A	156	N/A	137	99
ACP	113	N/A	113	N/A	97	55

In HSPnet, PHSA has a total of 389 unique combinations of Site, Destination and Service locations across all agencies and services, an 8% reduction due to a review of these, in the Fall of 2018, to validate their continued availability for placements. This reduction in the total number of available destinations has lowered

the percentage of destinations that don't take placements to 57%, a 5-year low. In FY 17-18 there were 168 or 43% receiving an active placement and 221 or 57% that did not. Figure 11 details the number of destinations with and without placements by PHSA Agency (Site) by fiscal year.

FIGURE 11 Total Number of Destinations by Placement Activity, Site and FY



One element of the total cost of practice education is staff time related to direct supervision of students. These activities include orientation of the students/faculty to the site, unit and/or program, planning of daily learning activities that meet learning objectives, skill demonstrations, supervision of students while they practice, dealing with student performance issues, and evaluations. Utilizing the ratio of staff hours to student hours, 1:20 for group placements and 1:5 for one-to-one placements, developed from previous reports¹, and 1:1 for all paramedic programs. Also assumed is a \$40 per hour average staff salary cost.

Table 5 shows the estimated cost of staff time by discipline for FY 17-18. The total amount reflects an increase of 20% over last year attributed to the increase in paramedic and social work hours. Excluded from this table is estimated cost related to medical students.

TABLE 5 Estimated Cost of PHSA Preceptor Time by Discipline and Encounter Type in FY 2017-18

Discipline	Group	One-to-One	Total
Administration	\$0	\$44,152	\$44,152
Food & Nutrition	\$0	\$18,688	\$18,688
Nursing	\$103,068	\$438,420	\$541,488
Paramedic	\$384	\$2,837,579	\$2,837,963
Pharmacy	\$0	\$49,120	\$49,120
Psychology	\$0	\$4,400	\$4,400
Rehabilitation Sciences	\$0	\$62,644	\$62,644
Social Work	\$0	\$69,744	\$69,744
Technologist/Technician	\$0	\$127,352	\$127,352
Therapist	\$0	\$219,363	\$219,363
Other Health	\$720	\$5,360	\$6,080
Non-Health	\$0	\$19,608	\$19,608
GRAND TOTAL	\$ 104,172	\$ 3,896,431	\$ 4,000,603

¹ (1) Children's & Women's Health Centre of BC (2004). Students and Resident Education at Children's & Women's Health Centre of BC: Planning for increased numbers.

(2) Education and Research in the Fraser Health Authority. (2005). Report prepared by Janet MacIntosh Newberry for Dr. Peter Hill, Vice President, Academic Development and Clinical Innovation.

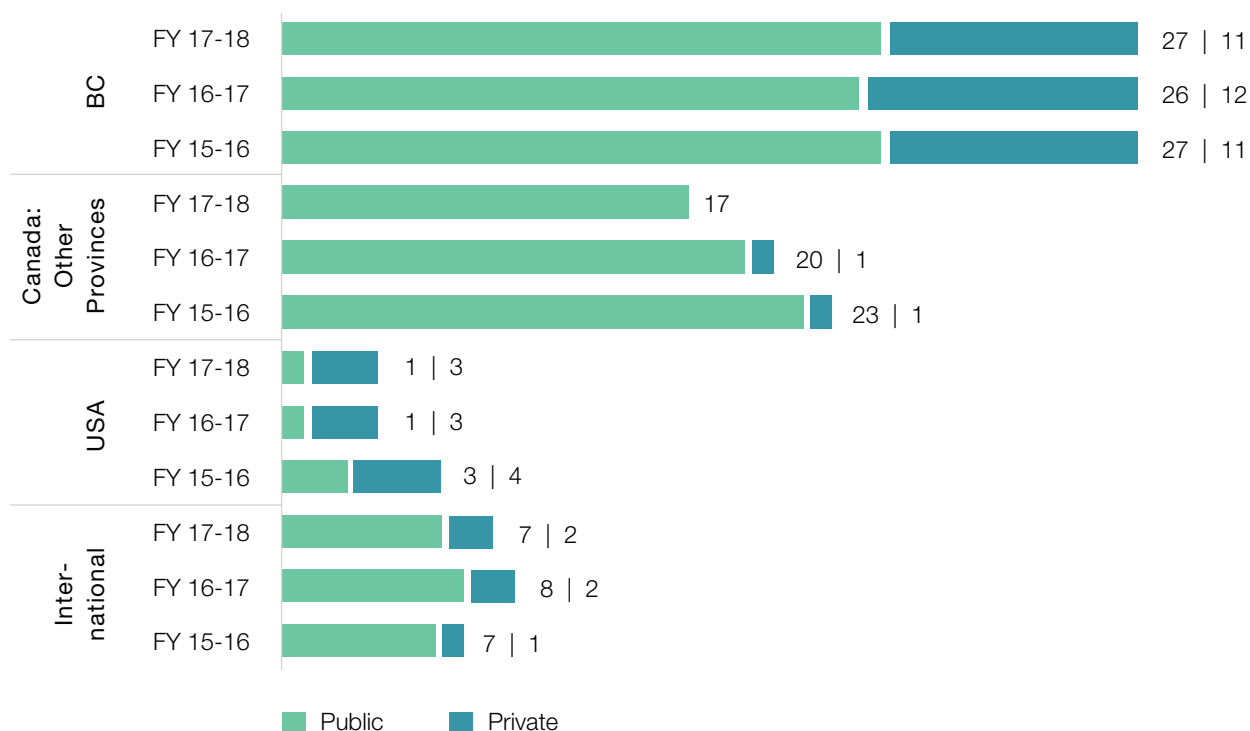
(3) Corpus Sanchez International Consultancy Inc. (May 5, 2004). Understanding the costs of academic health sciences centres. Final Report to Vancouver Coastal Health Authority and Provincial Health Services Authority.

BUILD EFFECTIVE PARTNERSHIPS AND COLLABORATIONS THAT SUPPORT INNOVATION

PHSA has affiliation agreements with sixty-eight (68) educational institutions in both the public (76%) and private (24%) sector. See Figure 12 for a breakdown by region and sector. In addition to these, BCEHS has affiliation agreements with BCIT, Heartsafe, AET Paramedic Academy and Holland College. PHSA also has affiliation agreements (Inter-health authority agreements) in place

with other BC Health Authorities and BC Emergency Health Services to support continuing professional development. Of note is that although private institutions represent about 24% of affiliation agreements, they represent less than 3% of total student practicum hours. For a detailed list of education partners see Appendix D.

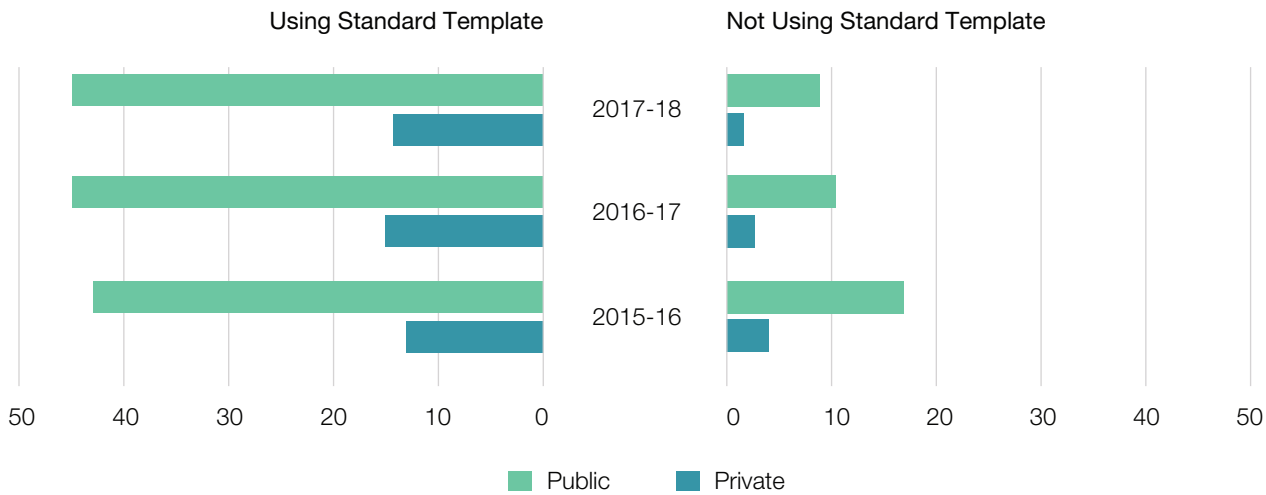
FIGURE 12 Number of Affiliation Agreements by Region and Sector by FY



As in previous years, PHSA is working to transition all educational institutions to the standard template (see Figure 13) when existing agreements expire. This is a measure of effective risk management, efficiency and building effective partnerships. The number using

standard templates is 58 (85%), an increase of 4% over FY 16-17. The Inter-health authority agreement is mostly identical to the standard template.

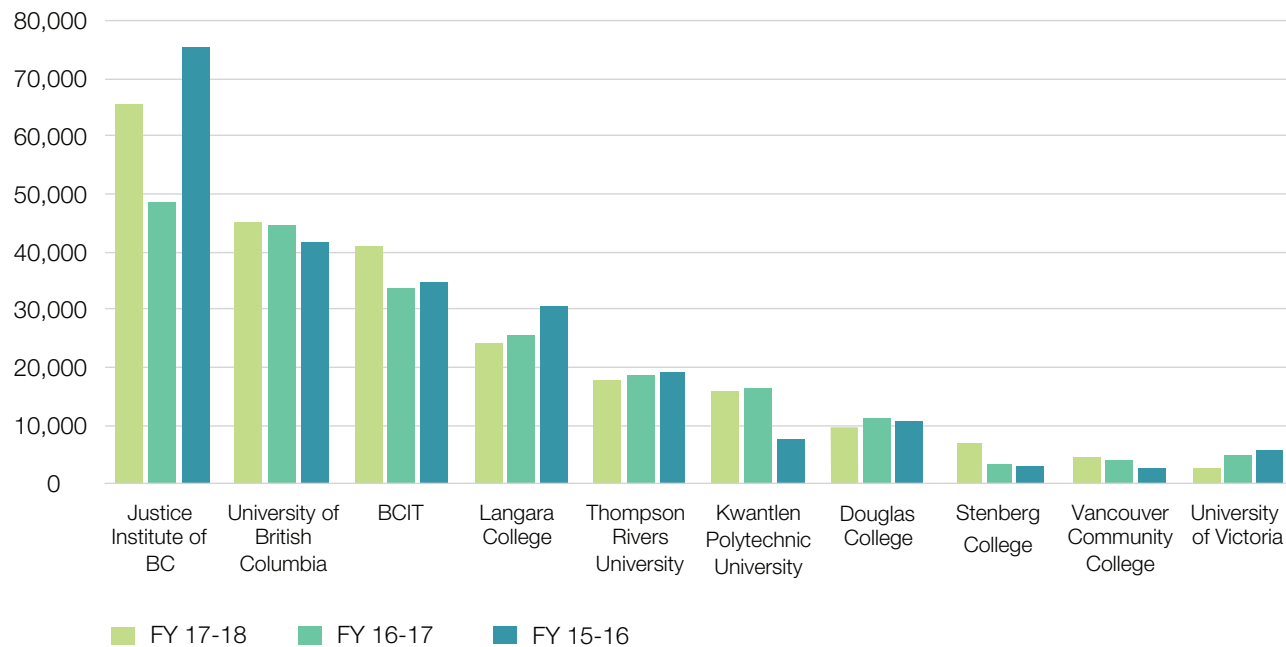
FIGURE 13 Number of Affiliation Agreements Utilizing Standard Template by FY



While PHSA has 68 partnerships in place, 92% of student practice hours for FY 2017-18 were with ten (10) public institutions (see Figure 14). A detailed listing of student hours by institution and discipline can be found in Appendix E. It is important that PHSA

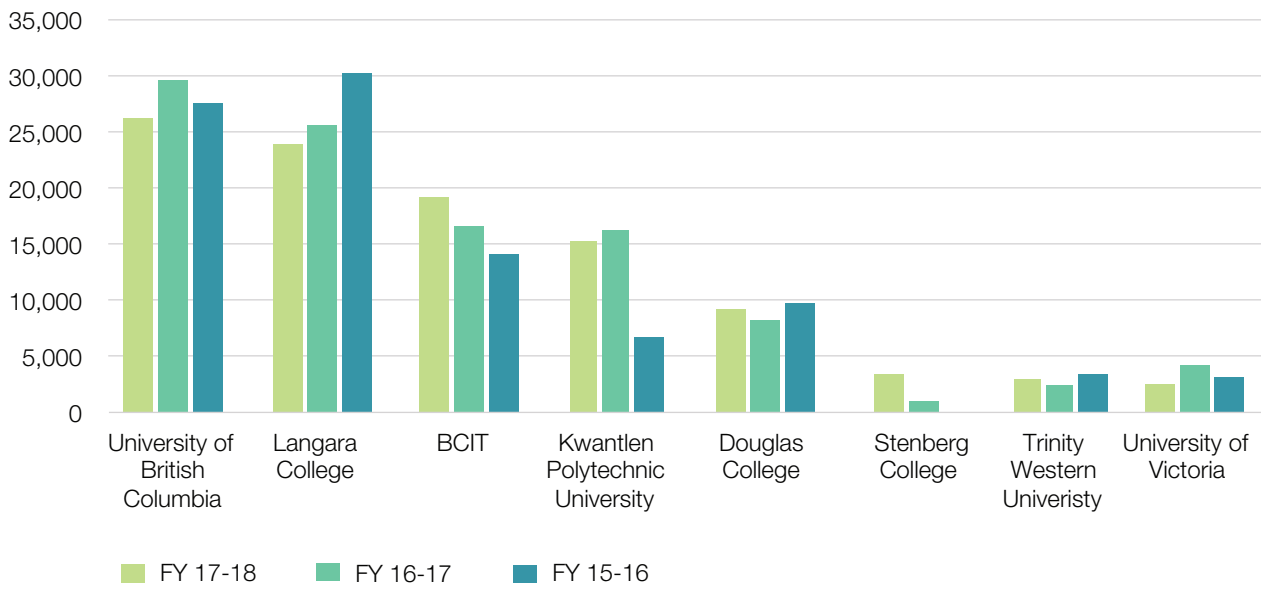
continues to strengthen its relationship with primary academic partners and evaluate relationships with other affiliates to determine whether continued affiliation is warranted. Note that student hours for UBC does not include medical student/resident placements.

FIGURE 14 Number of Student Hours by Top 10 Educational Institutions by FY – All Disciplines



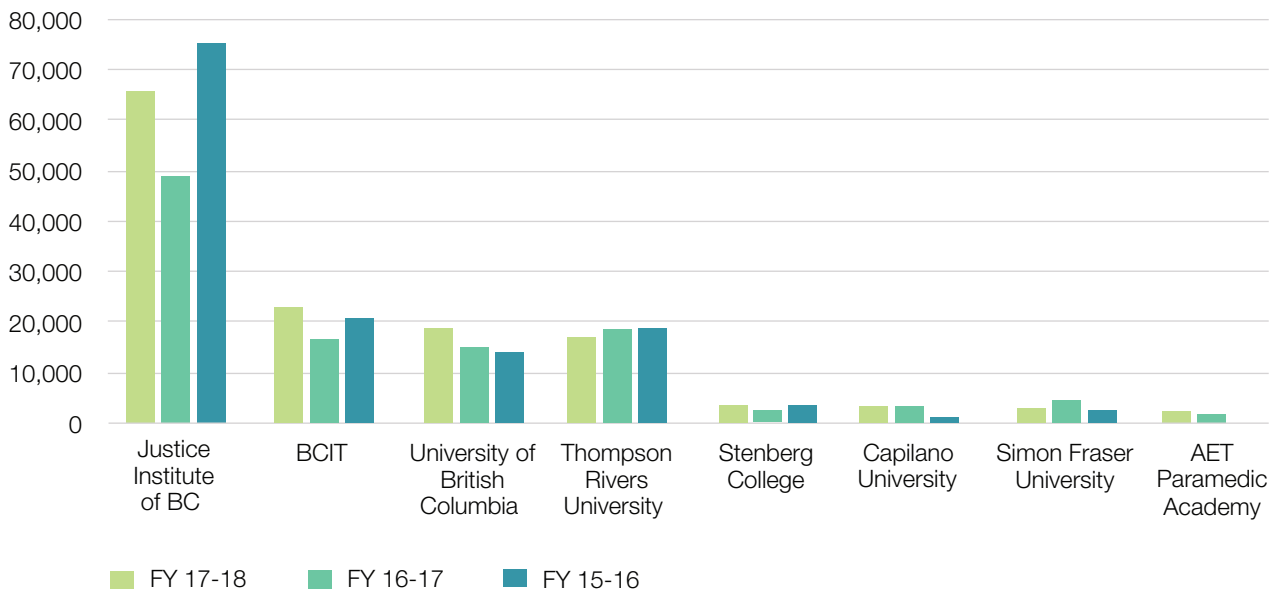
Five (5) public educational institutions constitute 88% of student practice hours for nursing (see Figure 15) with University of BC, Langara College and BCIT providing 65% of all placements.

FIGURE 15 Number of Student Hours by Top 8 Educational Institutions by FY – Nursing Placements



The bulk (83%) of student placements for the non-nursing disciplines are provided by four (4) educational institutions (see Figure 16), four public and one private: Justice Institute of BC, BCIT, University of BC, and Thompson Rivers University.

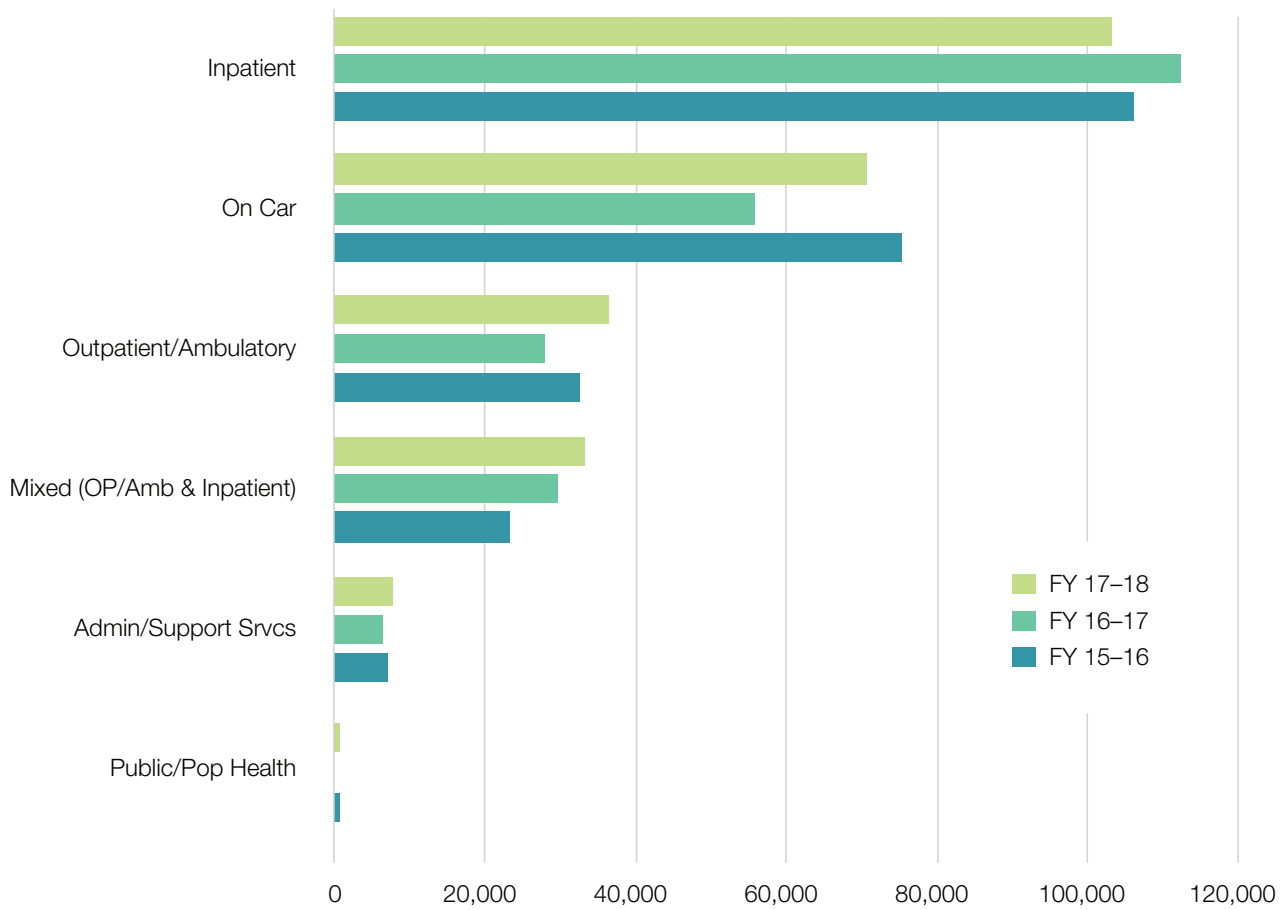
FIGURE 16 Number of Student Hours by Top 8 Educational Institutions by FY – Non-nursing Placements



The majority of services provided by PHSA agencies are outpatient or ambulatory in nature and delivered by inter-professional teams. Accordingly, a key goal for PHSA Student Practice Education is for

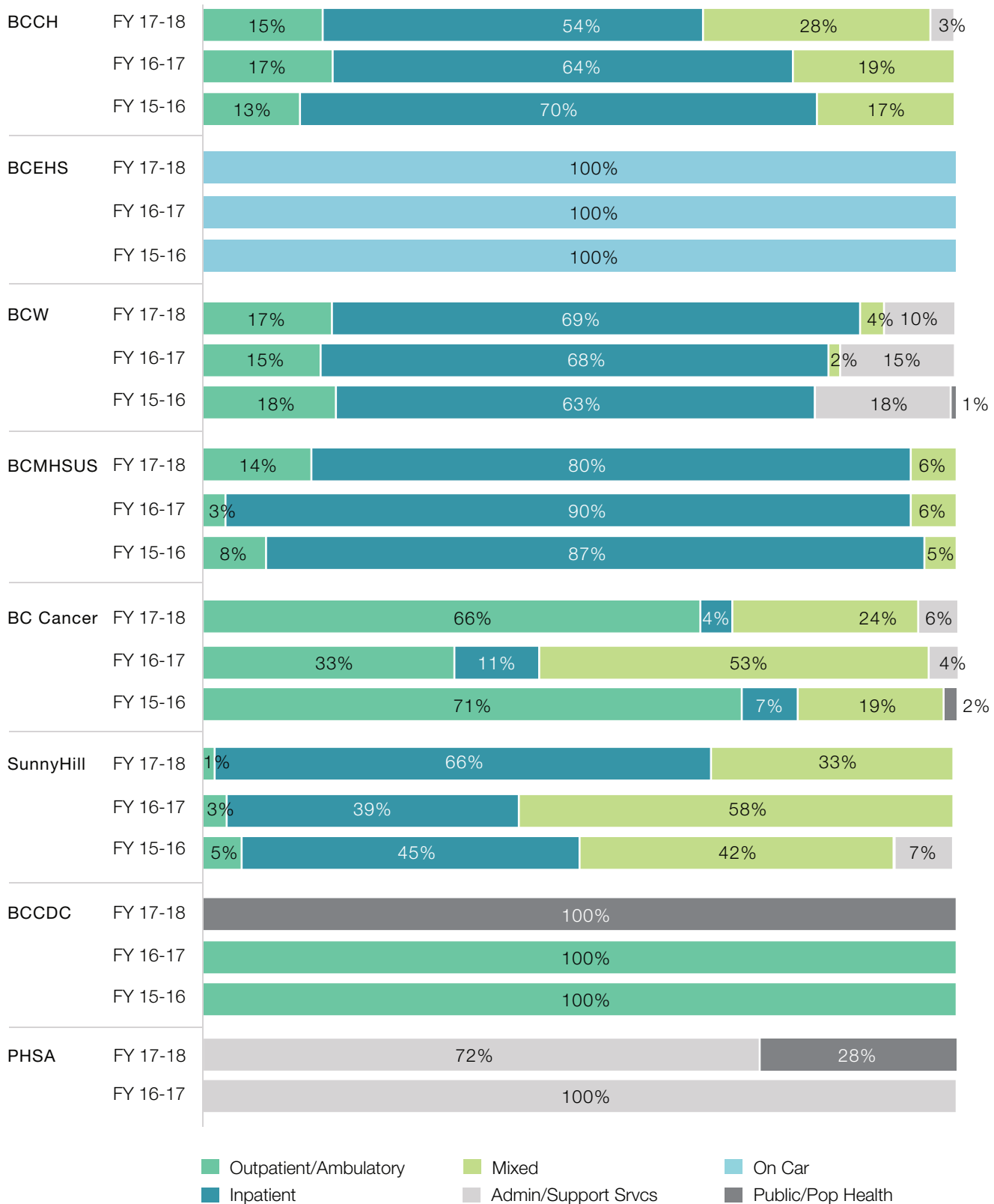
PHSA to foster innovation in ambulatory care and inter-professional practice education placements. See Figure 17 for the distribution of student hours by placement setting.

FIGURE 17 Distribution of Student Hours by Placement Setting by FY



Practice setting is also influenced by the agency mandate as can be seen in Figure 18. Please see glossary for definitions of practice settings.

FIGURE 18 Percent of Student Hours by Practice Setting by Agency by FY



MONITOR THE QUALITY OF CLINICAL LEARNING ENVIRONMENT AND RESULTS

Results from the New Hire Orientation Online Course on Learning Hub, which includes a survey of previous practice placement activities (see Appendix F) are for a full fiscal year for the first time this year. The survey began in January of 2017 and preliminary results that included data through May 11, 2017 were reported last year. Work to further refine the survey questions to improve the data quality is underway with an anticipated completion date of Fall 2018. This important metric will help inform the link between hosting practice placements and recruitment at PHSA.

Out of the 2,648 respondents from April 1, 2017 – March 31, 2018, 21% or 559 had a placement at a PHSA site. See Table 6 for a breakdown of new hires by placement program that represent 85% of the total. The top four programs for new hires with a PSHA placement are Bachelor of Science in Nursing, Primary Care Paramedic, Medical Lab Assistant, and Respiratory Therapy.

TABLE 6 Number of New Hires by PHSA Placements Program for top 85%

Placement Program Name	Number of New hires with a PHSA Placement
BSc Nursing	108
Primary Care Paramedic	103
Medical Laboratory Assistant	89
Medical Laboratory Science	22
Respiratory Therapy	21
Nursing - Unspecified	17
Unspecified	16
Unit Clerk	16
Bachelor of Psychiatric Nursing	12
Emergency Medical Responder	8
Medical Office Assistant	8
Clinical Genetics Technology	6
Medical Device Reprocessing Technician	6
Master of Public Health	5
BSc, Dietetics	5
Master of Social Work	5
MA Counselling Psychology	4
Health Care Assistant	4
Medical Transcription	4
Licensed Practical Nurse	4
Social Work	4
Medical Lab - unspecified	4

The top four educational institutions for new hires with a PHSA placement are JIBC, BCIT, UBC, and Vancouver Community College. See Table 7 for a breakdown of new hires with a practice

placement by educational institution and year, however a large percentage (16%) of respondents did not specify an educational institution.

TABLE 7 Number of PHSA Placements by Educational Institution for New Hires

Education Institution	Number of New Hires with a PHSA Placement
JIBC	111
Unspecified	88
BCIT	72
UBC	55
Vancouver Community College	40
Stenberg College	40
Langara College	21
Thompson Rivers University	19
Kwantlen Polytechnic University	18
West Coast College of Health Care	17
Douglas College	17
University of Victoria	13
SFU	7
Trinity Western University	7
MTI Community College	5
UBCO	4

Although the RSPE (Readiness for Student Practice Education) survey was piloted in FY 16-17, no further dissemination of the survey took place in FY 17-18. A template for survey data analysis has been developed to help focus on the strengths and weaknesses identified by the results as more PHSA agencies and departments implement the survey tool. Once readiness is assessed throughout all PHSA clinical areas, work will begin to utilize the second tool developed from the PLACES study to evaluate the quality of the clinical learning environment from the student, health authority staff and onsite faculty/instructors' perspectives.

Data from the above tools, and HR data are intended to inform practice education planning, decision making and assessment of the practice education progress and impact.

APPENDIX A GLOSSARY

TERM	DESCRIPTION	DATA SOURCE
Metric Definitions		
Metric 1a – Total number of Student Hours by Receiving Agency, Discipline, and Encounter Type	Total number of Student Hours (calculated as number of student's X requested placement hours) for the confirmed placement status beginning within the Fiscal Year. These numbers are calculated by Receiving Agency, HSPnet discipline, sub-discipline and Encounter Type (Group or One-to-One)	BCEHS programs: Clinical placements are captured in the HSPnet data defined below. All other placements (On-Car, On-Plane) are provided by BCEHS program managers who are queried through email for annual numbers. Potential source is JIBC excel worksheets but will not include data from AET, Heartsafe or Holland College. All other: HSPnet activity report/custom field
Metric 1b – # of Medical Students by Type (Undergraduate and Post graduate) and Specialty	Total number of Students (not hours) with placements at PHSA facilities for both undergraduate and graduate medical student programs from UBC. Excluded are UBC and non-UBC visiting medical student placements.	HSPnet custom report - Security/Access Listing - Students/Instructors - Network Account – Medicine by FY
Metric 1c – # of Medical Students hours by Type and Specialty	TBD	Review of this metric is underway to design one that better reflects medical student placements.
Metric 1d – # of Confidentiality /Learning Hub Orientation Courses Completed by Participant Type	A count of those completing the Student Privacy/Confidentiality course on the Learning Hub from a designated student, employee, or unidentified email address. USED AS A PROXY FOR MEDICAL STUDENT VOLUME IN FY 2013-14	Source: LH Course Completed report from Sarah Titcomb, manual No longer reported, see definition
Metric 1e – Estimated Cost of Staff Time by Discipline and Encounter Type	Total number of student hours * \$40 average wage. The ratio of staff hours to student hours of 1:5 for one-to-one, and 1:20 for group placements is utilized.	Hours used for this calculation include data from Metric 1a above. Manually calculated.
Metric 1f - # of confirmed placement requests by month	The sum of the # of Placement Requests by the month in which it starts within the Fiscal Year.	HSPnet Activity report by FY + custom field month
Metric 1g - # of PHSA declined placements by top reason	The number of declines for the Declined by Agency (DecA) status and reasons as provided in HSPnet.	HSPnet custom report: Cancellation/Decline Reasons - Cancellation/Decline Reasons by FY

TERM	DESCRIPTION	DATA SOURCE
Metric 1h – Number of staff participants involved in preceptor and educator training (Educator Pathway and BCEHS programs)	<p>Educator Pathway Program participant report, manual. A sum of all levels.</p> <p>Level 1 - Preceptor/Mentor Theory and Practice (EP Level 1 & 1A) The preceptor and mentor competency development and education programs vary across agencies within PHSA.</p> <p>Level 2 - Education Theory and Practice (Staff preparing for Clinical Educator Role) 8 Instructional days spread over the course of 4 months. Content moves to supporting group and classroom learning focused on a specific clinical area of practice. Eligibility – PHSA professional clinical staff in an educator role that primarily focuses on program specific education. Endorsement letter from leader required.</p> <p>Level 3 - Education Theory and Practice: Five instructional days over 3 months. Focus is on supporting learning beyond the context of a specific clinical area of practice. Best suited for experienced educators shifting from developing content-based education to concept-based facilitation for learners across programs, disciplines and/or Health Service Delivery Areas. Eligibility – PHSA professional clinical staff in an educator role and who have significant experience as an educator, and whose role typically goes beyond the confines of a specific practice area. Endorsement letter from leader required</p> <p>Level Level 4 – master’s in education from a University.</p>	Educator Pathway participant report (from Sandra Harris, Lead – Educator Pathway Program) and Self-reported numbers by BCEHS Manager, Education Operations
Metric 1i – # of Preceptors in HSPnet with and without a placement within the Fiscal Year	Calculated number of preceptors showing as active in HSPnet – those without a placement from the Unused Supervisors Report.	<p>BCEHS programs: List of active preceptors with and without is provided by BCEHS program managers who are queried through email for annual numbers. For paramedic programs (PCP, ACP, CCP) a report from Peoplesoft showing which employee (using employee number) received instructor pay premium during the FY shows who had an active placement during the FY.</p> <p>All other: HSPnet custom report: Unused Supervisor Report and Listing of all Preceptors run on April 1 from HSPnet report wizard.</p>
Metric 1j – # of Destinations in HSPnet with and without a placement within the Fiscal Year	A listing of destinations within an agency, and a tally of each PR status for each destination. Calculated number for only the confirmed placement status.	Source: Customer HSPnet report listing all destinations with and without a placement
Metric 1k – # of PHSA staff with practice education activities as part of defined job responsibilities.	TBD	TBD
Metric 2a – Number of formal affiliation agreements and % based on the Standard Template	A count of the number of educational institutions with an affiliation agreement and their designation as a private or public entity and on the standard or non-standard template	Affiliation Agreement excel worksheet from Practice Education + custom fields

TERM	DESCRIPTION	DATA SOURCE
Metric 2b – Top % of education institutions by student hours	Sum of student hours by education institution. Calculation of the top 90% or above.	All other: HSPnet Activity data
Metric 2c – Number of student hours in ambulatory and/or inter-professional collaborative practice setting by site	Utilizing the destination field in the HSPnet activity report, added another field called practice setting. Decisions on assigning a destination to a particular practice setting made by Practice Education department. Calculates the number of student hours by the ambulatory/ outpatient setting type.	BCEHS programs: Assigned as On-car or On-plane depending on program All others: HSPnet Activity data + custom fields
Metric 2d – Distribution of student hours by practice education setting	Utilizing the practice setting field, calculates the number of student hours in each category.	All Disciplines: HSPnet Activity data + custom field
Metric 3a - # of hires at PHSA with a previous practice education placement	A survey of previous practice placement activities as part of the New Hire Orientation Online course. It's mandatory for all regular, temporary and casual PHSA new hires including PHSA employees returning from leave and those returning to PHSA after a two-year period. It excludes employees moving internally (from one PHSA position to another), non-salaried/salaried physicians, students, volunteers and contractors. The process is managed by PHSA Talent Acquisition. The invite for the online New Hire Orientation Course is automatically generated by the new hire e-form. Other data elements included in the course are name, email and course completion date.	New Hire Orientation Online Course on PHSA Learning Hub. Annual Data provided by PHSA Talent Acquisition in excel format.
Metric 3b – QCLE survey results	TBD	TBD
Metric 3c – RSPE survey result	The validated survey tools from the PLACES study, Placements for Learners: Assessing Capacity and effectiveness of Clinical Sites. To be disseminated to individual clinical areas for implementation.	Fluidsurveys responses from all disseminated survey for the fiscal year. Data is managed by PHSA Practice Education.

HSPNET DEFINITIONS	
Placement Type	
One-to-one (supervision provided by PHSA preceptor)	<p>These placements include the following types of encounters:</p> <p>Preceptor: These involve direct care and are supervised by an individual of the same discipline. An individual placement with an experienced practitioner in a collegial learning relationship; students may be assigned to one or more preceptors during the placement. A preceptor is an employee/contractor of the Receiving site; the educational program may also identify an instructor, facilitator or liaison.</p> <p>Observation: A supervised placement involving student observation only, or “shadowing” a service provider.</p> <p>Project: Does not involve direct care, students function independently. An opportunity for one or more students to work on a project involving content, data, and/or materials that are furnished by the Receiving site. Supervision is provided by a Project Supervisor, who is an employee/contractor of the Receiving site; the educational Program may also assign an instructor, facilitator or liaison.</p> <p>Fieldwork: Individual: A placement that is focused on linking what is learned in class with what is seen, collected, and tested in the field. Supervision is provided by a field guide, who is an employee/contractor of the Receiving Site; the educational Program may also identify a facilitator or liaison.</p> <p>Internship: A placement involving supervised practical experience, for a student or recent graduate. Supervision is provided by a preceptor or supervisor, who is an employee or contractor of the Receiving site; the educational Program may also assign an instructor, facilitator, or liaison.</p> <p>Practice Education: A generic description for placements in educational programs that prefer not to use another term like “Fieldwork” or “Preceptor”.</p> <p>Independent Study: A placement that is organized by a learner directly, and not through an educational program. The learner may be a student or graduate. The placement does not normally involve direct patient care. Supervision is provided by an employee/contractor of the Receiving Site.</p> <p>Collaborative Learning Unit: A preceptored placement of students in groups on a unit where a Collaborative Learning Unit (CLU) program has been introduced (e.g. BC). Students are involved in direct patient care and have a high level of independence. All staff on the unit participate in the teaching-learning relationship with all students in the CLU group.</p>

HSPNET DEFINITIONS	
Group (supervision provided by instructor from education institution)	Group: Instructor led, groups of two or more students in a placement location, under the clinical supervision of an instructor or faculty member who is assigned by the educational program. Alternate experiences: involves spending a portion of a placement in an alternate destination within the same receiving agency. An experience offered to students of an Instructor-led Group, whereby some or all students from the “parent” group may rotate to another unit for one or more shifts. Supervision is provided by the instructor who is assigned by the educational Program.
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	
Confirmed	Represents all accepted requests that are confirmed by the school and agency.
Declined by Agency	Represents all requests that were officially declined by the receiving agency. The reasons for decline are also captured for this placement status.
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.
Other Applicable HSPnet terms	
Discipline	A health sciences field of expertise such a Nursing or Medical Radiography,
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. 6th 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 practice education experience as part of their studies in an undergraduate, graduate, post-graduate (e.g. post-doctoral fellow) or post-professional (e.g. resident) 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.
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.
Affiliation Agreement	A legal contract that defines the roles and responsibilities of a health authority and education institution in providing practice education.
Practice Setting	Inpatient - a student placement that takes place only in an inpatient care delivery setting. Outpatient/Ambulatory - a student placement that takes place only in an outpatient or ambulatory care delivery setting. Mixed (OP/Amb & Inpatient) - a student placement that takes place partly in an inpatient setting and partly in outpatient/ambulatory care settings. Admin/Support Services - a student placement that takes place in a health authority administrative or support unit versus a clinical care delivery unit. Public/Pop Health - a student placement that takes place in a service unit focused on public or population health (e.g. epidemiology program at BCCDC). On Car/Plane – a student placement that takes place on a BC Ambulance or Air Ambulance.
Fiscal Year	April 1, 2015 – March 31, 2016 April 1, 2016 – March 31, 2017 April 1, 2017 – March 31, 2018

APPENDIX B TOTAL STUDENT HOURS BY DISCIPLINE AND SUB-DISCIPLINE BY AGENCY

Site	DISCIPLINE	SUB-DISCIPLINE	FY 15-16	FY 16-17	FY 17-18
BC Cancer	Therapist	Radiation Therapist	9,188	320	6,384
	Nursing	Bacc Nursing - BScN/BSN/BN	3,910	3,096	4,192
		Nurse Practitioner	461	1,257	614
	Technologist/ Technician	Nuclear Medicine Tech	880	1,200	560
		Clinical Genetics Technologist		900	450
		Medical Laboratory Assistant		300	300
		Radiology Tech		28	
	Food & Nutrition	Dietitian	1,152	1,360	1,760
	Administration	Health Unit Coordinator/Nursing Unit Clerk			1,475
		Unit Clerk	495	120	
		Medical Office Assistant	218		
	Pharmacy	Pharmacist	640	320	800
		Pharmacy Technician			160
	Psychology	Counselling Psychology		800	
Social Work	Master of Social Work			450	
BC Cancer Total			16,943	9,701	17,145
BCCDC	Nursing	Bacc Nursing - BScN/BSN/BN	360	240	288
		Licensed/Registered Practical Nurse		90	
	Non-Health	Master of Public Health			35
BCCDC Total			360	330	323
BCCH	Nursing	Bacc Nursing - BScN/BSN/BN	47,807	56,177	42,813
		Psychiatric Nursing Bacc - BScN/BN/RPN Psych	2,332	1,620	1,780
		Post-RN Specialty	1,308	1,104	1,869
		Nurse Practitioner	1,466	997	959
		Nursing - Masters	508	104	
		Post-LPN/RPN Specialty			420
		Registered Nurse	320		
		Bacc Nursing - Post Diploma BSN/BN		156	

Site	DISCIPLINE	SUB-DISCIPLINE	FY 15-16	FY 16-17	FY 17-18
	Therapist	Respiratory Therapist	18,620	18,620	17,150
		Music Therapist		850	
		Massage Therapist	360		
	Technologist/ Technician	Medical Laboratory Technologist	4,690	6,860	8,075
		Radiology Tech	2,160	2,628	2,732
		Nuclear Medicine Tech	720	1,120	480
		Medical Laboratory Assistant	510	700	120
		Clinical Genetics Technologist		1,180	
		Magnetic Resonance Imaging (MRI) Technology/Technician			640
		Perfusionist		540	
		Sonography Tech			252
		Rehabilitation Sciences	Physiotherapist	1,488	1,864
	Occupational Therapist		1,027	2,238	1,788
	Audiologist		216	216	
	Speech & Language Pathologist/ Communications		64		288
	Rehabilitation Assistant		144		144
	Pharmacy	Pharmacist	2,720	3,040	4,240
		Pharmacy Technician	610	300	300
	Psychology	Psychology (PHD)	3,900	3,900	
		Counselling Psychology	1,200	1,200	100
		Psychology (Masters)			450
		Psychology (Bachelor)	180		
	Administration	Clerical - General	1,320	1,320	1,080
		Unit Clerk	1,156	628	
		Medical Office Assistant	280	100	640
		Health Unit Coordinator/Nursing Unit Clerk			480
	Social Work	Master of Social Work	1,800	900	1,800
		Child and Youth Care Worker	1,052	436	
		Bachelor of Social Work	450		
	Food & Nutrition	Dietitian	1,472	1,024	576
	Non-Health	Health Information Management		720	
Bachelor of Science				184	
Bachelor of Arts				42	
BCCH Total			99,880	110,542	91,497

Site	DISCIPLINE	SUB-DISCIPLINE	FY 15-16	FY 16-17	FY 17-18
BCEHS	Paramedic	Primary Care Paramedic	52,800	32,166	48,286
		Advanced Care Paramedic	22,464	24,243	22,653
BCEHS Total			75,264	56,408	70,939
BCMHSUS	Nursing	Bacc Nursing - BScN/BSN/BN	5,040	10,176	11,292
		Psychiatric Nursing Bacc - BScN/BN/RPN Psych	1,353	1,247	2,827
		Psychiatric Nursing - Diploma		810	3,420
		Nurse Practitioner	358	431	208
		Licensed/Registered Practical Nurse		140	180
	Therapist	Music Therapist	1,119	1,856	2,784
		Recreation Therapist Degree	560	560	
		Massage Therapist			464
		Art Therapist	300	140	
	Social Work	Bachelor of Social Work	420	420	2,758
		Master of Social Work	450		1,910
	Rehabilitation Sciences	Occupational Therapist	150	551	975
		Rehabilitation Assistant		225	225
	Administration	Health Unit Coordinator/Nursing Unit Clerk			636
		Unit Clerk		172	
		Other Administrative			40
	Pharmacy	Pharmacist	160		640
	Other Health	Community Health Worker			670
	Psychology	Psychology (Masters)		150	
BCMHSUS Total			9,910	16,878	29,029
BCW	Nursing	Bacc Nursing - BScN/BSN/BN	22,504	21,145	18,767
		Post-RN Specialty	6,240	6,360	9,624
		Nurse Practitioner	609	578	913
		Nursing - Masters	208	208	
		Registered Nurse	280		
		Bacc Nursing - Post Diploma BSN/BN			78
	Technologist/ Technician	Sonography Tech	2,912	2,660	2,310
		Non-Health	Master of Public Health	1,292	1,680
	Administration	Health Information Management		180	
		Unit Clerk	1,448	930	
		Health Unit Coordinator/Nursing Unit Clerk			1,008
		Clerical - General	240	120	
		Medical Office Assistant		80	160

Site	DISCIPLINE	SUB-DISCIPLINE	FY 15-16	FY 16-17	FY 17-18
	Social Work	Master of Social Work	900		1,800
		Bachelor of Social Work	378		
	Paramedic	Advanced Care Paramedic	184	1,504	192
	Therapist	Massage Therapist	280	300	
		Music Therapist	144	156	78
		Recreation Therapist Degree	140		
	Rehabilitation Sciences	Occupational Therapist		144	369
		Physiotherapist	180		180
	Pharmacy	Pharmacist	9	640	
	Other Health	Various - Multidisciplinary/Interdisciplinary			252
		Midwifery	132	56	
		Other Health			108
		Therapeutic Touch Practitioner		54	
	Food & Nutrition	Dietitian	80		
BCW Total			38,160	36,795	38,029
SunnyHill	Nursing	Bacc Nursing - BScN/BSN/BN	2,640	1,482	5,066
	Rehabilitation Sciences	Occupational Therapist	825	888	713
		Physiotherapist	540	720	540
		Speech & Language Pathologist/ Communications	478	317	288
		Rehabilitation Assistant		225	225
	Therapist	Recreation Therapist Degree	560	560	560
SunnyHill Total			5,043	4,192	7,392
PHSA	Nursing	Bacc Nursing - BScN/BSN/BN			1,028
		Nursing - Masters		10	
PHSA Total				10	1,028
PHSA Corporate	Non-Health	Health Information Management		360	
PHSA Corporate Total				360	
BCRCP	Non-Health	Health Information Management		180	
BCRCP Total				180	
GRAND TOTAL			245,559	235,395	255,382

APPENDIX C NUMBER OF DECLINES, STUDENTS AND HOURS BY DISCIPLINE, AGENCY AND REASON

DISCIPLINE	RA SITE	REASON	COUNT OF REASON	SUM OF # STUDENTS	SUM OF STUDENT HOURS
Nursing	BCCH	Too many students on unit/program	26	26	3,700
		No supervisor / preceptor is available	27	27	2,509
		Destination is closed during placement period	12	12	2,473
		Other / special reason (use ONLY if no other reason applies)	13	13	1,370
		Unit workload	10	10	1,128
		Conflicts with other requests	2	2	850
		Request not suitable for area requested	8	8	835
		Student not suitable for area requested	4	4	400
		Too many hours/shifts requested	1	1	135
		Service has changed (see Comments)	1	1	100
	BCW	Too many students on unit/program	14	15	2,028
		Unit workload	7	7	788
		Other / special reason (use ONLY if no other reason applies)	7	7	700
		No supervisor / preceptor is available	5	5	500
		Destination is closed during placement period	2	2	410
		Student not suitable for area requested	3	3	300
		Request not suitable for area requested	1	1	100
		Too many hours/shifts requested	1	1	100
	BC Cancer-VICC	No supervisor / preceptor is available	7	7	700
		Too many students on unit/program	1	1	100
		Unit workload	1	1	100
		Other / special reason (use ONLY if no other reason applies)	1	1	100
	SunnyHill	Too many students on unit/program	9	10	1,012
	Forensic	Request not suitable for area requested	2	2	200
		Other / special reason (use ONLY if no other reason applies)	2	2	200
		Unit workload	1	1	100
		No supervisor / preceptor is available	1	1	100

DISCIPLINE	RA SITE	REASON	COUNT OF REASON	SUM OF # STUDENTS	SUM OF STUDENT HOURS
	BC Cancer-Van	Request not suitable for area requested	3	3	300
		Unit workload	1	1	100
		Too many students on unit/program	1	1	100
	BC Cancer-PG	Other / special reason (use ONLY if no other reason applies)	4	4	400
	BC Cancer-Fras	Other / special reason (use ONLY if no other reason applies)	1	1	135
		Unit workload	1	1	100
	CHS	Too many students on unit/program	1	1	100
	BC Cancer-Kel	No supervisor / preceptor is available	1	1	450
Nursing Total			182	184	22,723
Administration	BCCH	Destination is closed during placement period	4	4	1,520
		No supervisor / preceptor is available	5	5	756
		Other / special reason (use ONLY if no other reason applies)	6	6	600
	BCW	Conflicts with other requests	1	1	500
		No supervisor / preceptor is available	3	3	300
		Request not suitable for area requested	2	2	200
		Other / special reason (use ONLY if no other reason applies)	1	1	100
BC Cancer-Van	Too many students on unit/program	2	2	200	
Administration Total			24	24	4,176
Social Work	BCCH	No supervisor / preceptor is available	4	4	400
		Other / special reason (use ONLY if no other reason applies)	3	3	300
		Too many students on unit/program	1	1	100
	BCW	Too many students on unit/program	4	4	696
		No supervisor / preceptor is available	2	2	200
		Other / special reason (use ONLY if no other reason applies)	1	1	100
BbyCtrMH	No supervisor / preceptor is available	2	2	200	
Social Work Total			17	17	1,996
Psychology	BbyCtrMH	Too many students on unit/program	3	3	300
	BCCH	No supervisor / preceptor is available	2	2	200
	BC Cancer-Van	No supervisor / preceptor is available	2	2	200
Psychology Total			7	7	700

DISCIPLINE	RA SITE	REASON	COUNT OF REASON	SUM OF # STUDENTS	SUM OF STUDENT HOURS
Technologist/ Technician	BCCH	No supervisor / preceptor is available	3	3	346
		Unit workload	1	1	120
		Other / special reason (use ONLY if no other reason applies)	1	1	100
	BC Cancer-Van	No Affiliation Agreement in place	1	1	100
Technologist/ Technician Total			6	6	666
Rehabilitation Sciences	SunnyHill	Too many students on unit/program	1	1	100
		Other / special reason (use ONLY if no other reason applies)	1	1	100
	BCCH	No supervisor / preceptor is available	1	1	100
Rehabilitation Sciences Total			3	3	300
Other Health	BCW	Request not suitable for area requested	1	1	100
		No supervisor / preceptor is available	1	1	100
Other Health Total			2	2	200
GRAND TOTAL			241	243	30,761

APPENDIX D EDUCATION INSTITUTIONS WITH AFFILIATION AGREEMENTS IN PLACE FY 2017-18

STANDARD TEMPLATE
Public
Athabasca University
BC Institute of Technology
Camosun College
Capilano University
Cardiff University
Dalhousie University
Douglas College
Justice Institute of BC
Kwantlen Polytechnic University
Lakehead University
Langara College
McMaster University
Mount Royal University
Nicola Valley Institute of Technology
North Island College
Okanagan College
Queens University
Royal Roads University
Simon Fraser University
Thompson Rivers University - Open Learning
University of Abertay, Scotland
University of Alberta
University of Guelph
University of Northern BC
University of Porto
University of the Fraser Valley
University of Victoria
Vancouver Community College
Vancouver Island University
University Medical Center Groningen
University of Waterloo
Burnaby School District #41
La Trobe University

STANDARD TEMPLATE
Public
University of Washington - School of Pharmacy
University of Ottawa
College of New Caledonia
Yorkville University
Emily Carr University of Art & Design
Grant MacEwan University
HealthCareCAN
Northern Alberta Institute of Technology
Paris Descartes University
University of Manitoba
A.C. Camargo Cancer Center
Private
Bilkent University, Turkey
LaunchLife International
Sarah Lawrence College
Stenberg College
Trinity Western University
West Coast College of Health Care
West Coast College of Massage Therapy
City University of Seattle (Vancouver)
Casa Sollievo Della Sofferenza - Italy
Adler University
Vancouver Art Therapy Institute
Vancouver College of Massage Therapy
CDI
Grand Canyon University

NO STANDARD TEMPLATE
Public
Department of National Defense
Simon Fraser University
UBC - Health Sciences
UBC - School of Nursing
UBC - Social Work
UBC - University of British Columbia
University of Toronto
Private
City University of Seattle (Victoria)
Western Seminary - Seattle

APPENDIX E TOTAL STUDENT HOURS BY EDUCATION INSTITUTION BY SUB-DISCIPLINE

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
Justice Institute of BC	Paramedic	75,448	49,172	66,235
	Advanced Care Paramedic	22,648	20,904	21,071
	Primary Care Paramedic	52,800	28,268	45,164
Justice Institute of BC Total		75,448	49,172	66,235
University of British Columbia	Nursing	27,720	29,870	26,508
	Bacc Nursing - BScN/BSN/BN	26,246	28,358	25,204
	Nurse Practitioner	1,174	1,512	1,304
	Nursing - Masters	300		
	Rehabilitation Sciences	4,968	6,937	7,237
	Occupational Therapist	2,002	3,821	3,845
	Physiotherapist	2,208	2,584	2,816
	Audiologist	216	216	
	Speech & Language Pathologist/ Communications	542	317	576
	Pharmacy	3,529	4,000	5,680
	Pharmacist	3,529	4,000	5,680
	Food & Nutrition	2,704	2,384	2,336
	Dietitian	2,704	2,384	2,336
	Social Work	2,628	900	3,078
	Master of Social Work	1,800	900	2,700
	Bachelor of Social Work	828		378
	Psychology	200	750	100
	Counselling Psychology	200	750	100
	Other Health	132	56	252
	Midwifery	132	56	
Various - Multidisciplinary/ Interdisciplinary			252	
University of British Columbia Total		41,881	44,897	45,191
BCIT	Technologist/Technician	11,362	17,116	14,859
	Sonography Tech	2,912	2,660	2,562
	Nuclear Medicine Tech	1,600	2,320	1,040
	Radiology Tech	2,160	2,656	2,732

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
	Medical Laboratory Technologist	4,690	6,860	8,075
	Clinical Genetics Technologist		2,080	450
	Perfusionist		540	
	Nursing	14,148	16,332	19,293
	Bacc Nursing - BScN/BSN/BN	6,600	9,300	7,800
	Post-RN Specialty	7,548	7,032	11,493
	Therapist	9,188	320	6,384
	Radiation Therapist	9,188	320	6,384
	Administration	80	80	160
Medical Office Assistant	80	80	160	
BCIT Total		34,778	33,848	40,696
Langara College	Nursing	30,255	25,801	23,685
	Bacc Nursing - BScN/BSN/BN	30,255	25,801	23,685
	Other Health		54	108
	Other Health			108
	Therapeutic Touch Practitioner		54	
	Therapist	640		
Massage Therapist	640			
Langara College Total		30,895	25,855	23,793
Thompson Rivers University	Therapist	18,620	18,620	17,150
	Respiratory Therapist	18,620	18,620	17,150
	Nursing	348	228	648
	Bacc Nursing - BScN/BSN/BN	228	228	648
	Registered Nurse	120		
	Social Work			420
Bachelor of Social Work			420	
Thompson Rivers University Total		18,968	18,848	18,218
Kwantlen Polytechnic University	Nursing	6,778	16,078	15,334
	Bacc Nursing - BScN/BSN/BN	4,526	14,498	12,374
	Psychiatric Nursing Bacc - BScN/BN/RPN Psych	1,772	1,580	2,960
	Registered Nurse	480		
	Administration	504	500	1,044
	Unit Clerk	504	500	
	Health Unit Coordinator/Nursing Unit Clerk			1,044
	Psychology	180		
Psychology (Bachelor)	180			
Kwantlen Polytechnic University Total		7,462	16,578	16,378

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
Douglas College	Nursing	9,787	8,754	9,060
	Bacc Nursing - BScN/BSN/BN	7,874	7,467	7,413
	Psychiatric Nursing Bacc - BScN/BN/ RPN Psych	1,913	1,287	1,647
	Non-Health		1,440	
	Health Information Management		1,440	
	Therapist	1,260	1,120	560
	Recreation Therapist Degree	1,260	1,120	560
	Other Health			350
Community Health Worker			350	
Douglas College Total		11,047	11,314	9,970
University of Victoria	Nursing	3,142	4,047	2,526
	Bacc Nursing - BScN/BSN/BN	1,626	1,536	1,478
	Bacc Nursing - Post Diploma BSN/BN		156	78
	Nurse Practitioner	1,100	1,601	970
	Nursing - Masters	416	322	
	Post-RN Specialty		432	
	Psychology	1,950	800	
	Counselling Psychology		800	
	Psychology (PHD)	1,950		
	Social Work	1,022	436	350
	Master of Social Work	450		
	Child and Youth Care Worker	572	436	
	Bachelor of Social Work			350
University of Victoria Total		6,114	5,283	2,876
Stenberg College	Administration	2,760	2,280	2,640
	Clerical - General	1,560	1,440	1,080
	Unit Clerk	1,200	840	
	Health Unit Coordinator/Nursing Unit Clerk			1,560
	Nursing		810	3,420
	Psychiatric Nursing - Diploma		810	3,420
	Technologist/Technician	240	160	
	Medical Laboratory Assistant	240	160	
	Pharmacy	160		160
	Pharmacy Technician	160		160
	Other Health			320
Community Health Worker			320	
Stenberg College Total		3,160	3,250	6,540

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
Vancouver Community College	Nursing	1,440	2,034	1,800
	Bacc Nursing - BScN/BSN/BN	1,440	1,944	1,800
	Licensed/Registered Practical Nurse		90	
	Technologist/Technician	270	450	300
	Medical Laboratory Assistant	270	450	300
	Rehabilitation Sciences		450	450
	Rehabilitation Assistant		450	450
	Administration	638	390	860
	Medical Office Assistant	218		240
	Unit Clerk	420	390	
	Health Unit Coordinator/Nursing Unit Clerk			620
	Pharmacy	450	300	300
Pharmacy Technician	450	300	300	
Vancouver Community College Total		2,798	3,624	3,710
Simon Fraser University	Psychology	1,000	2,400	450
	Counselling Psychology	1,000	450	
	Psychology (Masters)			450
	Psychology (PHD)		1,950	
	Non-Health	1,292	1,680	2,060
	Masters of Public Health	1,292	1,680	2,060
Simon Fraser University Total		2,292	4,080	2,510
Trinity Western University	Nursing	3,096	2,304	2,664
	Bacc Nursing - BScN/BSN/BN	3,096	2,304	2,664
Trinity Western University Total		3,096	2,304	2,664
Capilano University	Therapist	1,263	2,862	2,862
	Music Therapist	1,263	2,862	2,862
Capilano University Total		1,263	2,862	2,862
Holland College	Paramedic		4,842	1,774
	Advanced Care Paramedic		4,842	1,774
Holland College Total			4,842	1,774
AET Paramedic Academy	Paramedic		2,123	2,409
	Primary Care Paramedic		2,123	2,409
AET Paramedic Academy Total			2,123	2,409
Heartsafe First Aid Training	Paramedic		1,739	713
	Primary Care Paramedic		1,739	713
Heartsafe First Aid Training Total			1,739	713

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
University of Toronto	Psychology	1,950		
	Psychology (PHD)	1,950		
	Nursing	200		280
	Nurse Practitioner	200		280
University of Toronto Total		2,150		280
Dalhousie University	Social Work	450		1,800
	Master of Social Work	450		1,800
	Non-Health			42
	Bachelor of Arts			42
Dalhousie University Total		450		1,842
University of Waterloo	Psychology		1,950	
	Psychology (PHD)		1,950	
University of Waterloo Total			1,950	
University of the Fraser Valley	Social Work	480		1,290
	Master of Social Work			450
	Child and Youth Care Worker	480		
	Bachelor of Social Work			840
University of the Fraser Valley Total		480		1,290
Athabasca University	Nursing	790	150	520
	Bacc Nursing - BScN/BSN/BN	370		380
	Nurse Practitioner	420	150	140
Athabasca University Total		790	150	520
Vancouver Island University	Nursing		600	
	Bacc Nursing - BScN/BSN/BN		600	
	Social Work			350
	Bachelor of Social Work			350
Vancouver Island University Total			600	350
University of British Columbia - Okanagan	Social Work	450		450
	Master of Social Work	450		450
University of British Columbia - Okanagan Total		450		450
Nicola Valley Institute of Technology	Social Work	420	420	
	Bachelor of Social Work	420	420	
Nicola Valley Institute of Technology Total		420	420	
Vancouver College of Massage Therapy	Therapist		300	464
	Massage Therapist		300	464
Vancouver College of Massage Therapy Total		300	464	

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
Camosun College	Administration	375		375
	Unit Clerk	375		
	Health Unit Coordinator/Nursing Unit Clerk			375
Camosun College Total		375		375
School District 41 - Burnaby	Administration	200	100	400
	Medical Office Assistant	200	100	400
School District 41 - Burnaby Total		200	100	400
Northern Alberta Institute of Technology	Technologist/Technician			640
	Magnetic Resonance Imaging (MRI) Technology/Technician			640
Northern Alberta Institute of Technology Total				640
Surrey College	Administration	480	120	
	Unit Clerk	480	120	
Surrey College Total		480	120	
University of Northern British Columbia	Social Work			560
	Master of Social Work			560
University of Northern British Columbia Total				560
Vancouver Art Therapy Institute	Therapist	300	140	
	Art Therapist	300	140	
Vancouver Art Therapy Institute Total		300	140	
MacEwan University	Nursing			420
	Post-LPN/RPN Specialty			420
MacEwan University Total				420
University of Manitoba	Social Work			420
	Bachelor of Social Work			420
University of Manitoba Total				420
CDI College	Technologist/Technician		240	120
	Medical Laboratory Assistant		240	120
CDI College Total			240	120
Okanagan College	Rehabilitation Sciences	144		144
	Rehabilitation Assistant	144		144
Okanagan College Total		144		144
North Island College	Nursing		280	
	Bacc Nursing - BScN/BSN/BN		280	
North Island College Total			280	

EDUCATION INSTITUTION	DISCIPLINE	TOTAL STUDENT HOURS		
		FY 15-16	FY 16-17	FY 17-18
McGill University	Non-Health			184
	Bachelor of Science			184
McGill University Total				184
College of New Caledonia	Nursing			180
	Licensed/Registered Practical Nurse			180
College of New Caledonia Total				180
West Coast College of Health Care	Technologist/Technician		150	
	Medical Laboratory Assistant		150	
West Coast College of Health Care Total			150	
Adler University	Psychology		150	
	Psychology (Masters)		150	
Adler University Total			150	
Vancouver Career College	Nursing		140	
	Licensed/Registered Practical Nurse		140	
Vancouver Career College Total			140	
University of Alberta	Non-Health			130
	Master of Public Health			130
University of Alberta Total				130
Selkirk College	Administration	120		
	Unit Clerk	120		
Selkirk College Total		120		
Sprott Shaw College	Administration			40
	Other Administrative			40
Sprott Shaw College Total				40
Department of National Defense	Paramedic		36	
	Primary Care Paramedic		36	
Department of National Defense Total			36	
McMaster University	Non-Health			35
	Master of Public Health			35
McMaster University Total				35
GRAND TOTAL		245,559	235,395	255,382

APPENDIX F NEW HIRE ORIENTATION COURSE – PRACTICE EDUCATION QUESTIONS

We would like to learn more about your educational background in order to help continually improve our programs for student and recent graduates. Please help us by completing the following practice education/practicum questions:

Please provide the name of the program that you graduated from:

(Ex. Respiratory Therapy, BSc Nursing)

Please provide the completion date of the program that you graduated from:

(year and month)

Have you had a practicum or student unpaid practice at a PHSA site?

- Yes
- No

If yes, please indicate the unit/area in which you completed your practicum/placement.

If no, please skip.

Please provide the name of the school that coordinated your practicum or placement at the PHSA site(s).

If you did not complete a practicum or placement at PHSA in the past, please skip.
