

Pre-Licensure Clinical Placement Capacity

Information Brief for Discussion

Brief Summary: In 2011, HSCN engaged with schools of nursing and clinical education sites to launch the Centralized Clinical Placement System (CCPS) as a response to decreased access to clinical placements for students. Between 2012 and 2014, there was a rise from 3,608 to 4,112 student placements. Since 2014 placement requests have declined, largely due to decreases in student enrollment at schools of nursing.

The CCPS program has increased transparency in clinical placement requests amongst schools, increased accuracy of clinical facilities securing preceptors for RN students, and ensured clinical education sites since its initial implementation.

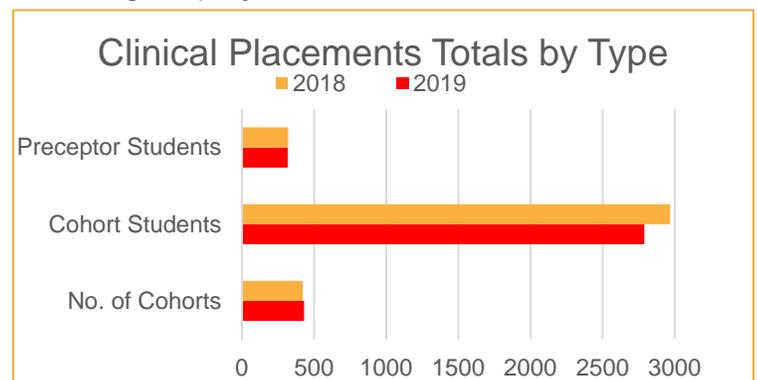
Current Status: A revised platform was launched in 2017. The new program enables improved management ability on the facility side but decreased transparency for schools during their request period. New HSCN reports are in development to address these changes.

Additionally, primarily due to low census, facilities are decreasing access to clinical education sites from 8-10 students per clinical cohort to 6. This impacts the number of cohorts needed to educate the same number of students, which adds faculty demands on the school, and increases the demand for cohort education. Alternatively, utilization of simulation may need to increase.

Finally, employers frequently state employment demand for specialty nurses. School of nursing leaders inquired what specialty requirements are needed during educational programs (ADN/BSN) and how educational activities may support future nursing employment needs.

Current Clinical Capacity:

- 1) Nursing HAR* states preferred 8:1 ratio, established in accordance with clinical agency, etc. Any deviation from the ratio shall first be approved by the board and justified to the satisfaction of the board.
- 2) 3 year review indicates student demands are stable with increase demand in RN preceptors and cohorts.
- 3) New caps in cohort size and unit closures will result in a 9% loss of student placement capacity, or ~178 student placements/~27 cohorts.



Simulation and Specialty Requirements and Best Practices:

- 1) Nursing HAR* requires 120 semester credits for BSN, 64 for ADN, and 49 for GEPN pre-licensure, with at least 40% of the nursing credits shall be laboratory or clinical instruction.
- 2) NCSBN study** found that high-quality simulation experiences could be substituted for up to 50% of traditional clinical hours across the prelicensure nursing curriculum. 50% threshold now included in NCSBN Model Rules.***
- 3) No specialty clinical or didactic minimum requirements for current ADN/BSN programs. BON in process of identifying standards (phone discussion with BON).

50% of clinical may be high-fidelity simulation

Clinical Placements by Department Summary: 2018-2019

Using data from the HSCN Clinical Placement Capacity Survey and the Centralized Clinical Placement System (CCPS), Hawai'i is forecasted to need 178 total cohort group type student placements; 55 students/~2% of cohort type placements due to unit closures and a projected 135 student placements/~7% of cohort type placements due to reductions in allowable cohort size.

Table 1. Total Hawai'i CCPS Cohort Placement Types by Department.

Placements for Cohorts By Department Type	2018 Actual		2019 Estimate		Est. Student Chg.	
	Students	Cohorts	Students	Cohorts	Amt.	% Chg
Clinic	105	36	99	34	(6)	-6%
Critical Care	38	7	32	7	(6)	-16%
Emergency Department	6	3	6	3	0	0%
Medical/Surgical	1208	160	1033	155	(175)	-14%
Obstetrics	564	69	534	69	(30)	-5%
Pediatrics	432	66	414	66	(18)	-4%
Post Acute	318	40	318	40	0	0%
Psychiatry	138	18	218	29	80	58%
Telemetry	158	22	135	22	(23)	-15%
TOTAL	2967	421	2789	430	(178)	-6%

Key Findings

- ▼ Due to reductions in cohort size, 135 student placements are expected to be affected (approx. 22 cohort groups.)
- ▼ Due to facility Med/Surg unit closures, 40 student placement are expected to be affected (approx. 5 cohort groups)

Table 2. Total Hawai'i CCPS Preceptor Placements by Department

Key Findings

- ▼ 4 facilities report preceptor availability as a constraint for clinical placements.
- ▼ 2 Facilities report low census count as a constraint to providing student clinical placement opportunities, generally.

Placements for Preceptors By Department Type	2018 Students	2019 Students	Est. Year Change	
			Amt.	% Chg
Clinic	45	45	0	0%
Critical Care	22	22	0	0%
Emergency Department	27	27	0	0%
Medical/Surgical	87	87	0	0%
Obstetrics	12	12	0	0%
Pediatrics	12	12	0	0%
Peri-Operative	24	24	0	0%
Post Acute	24	21	(3)	-13%
Psychiatry	12	12	0	0%
Telemetry	27	27	0	0%
TOTAL	292	289	3	-1%

*Hawai'i Administrative Rules

http://cca.hawaii.gov/pvl/boards/nursing/statute_rules/

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The student-teacher ratio shall be:

In accordance with national education standards for advance practice registered nurse programs; and

Preferably eight to one for registered nurse and practical nurse programs, but at no time no more than ten to one for direct supervision. The ratio shall be established in accordance with acuity of client needs, objective of learning experiences, level of students, geographic placement of students, environment, other requirements as established by the clinical agency, and teaching methods. Any deviation from the ratio shall first be approved by the board and justified to the satisfaction of the board.

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The curriculum shall be comprised of a minimum of:

"One hundred twenty semester credits for a bachelor's degree in nursing of which at least forty per cent of the credits shall be laboratory or clinical instruction; and

Sixty-four semester credits for an associate degree in nursing of which at least forty per cent of the nursing credits shall be laboratory or clinical instruction. Fifty-six semester credits or the number of semester credits recognized by the board for the pre-licensure portion of the master's entry in nursing program on which at least forty per cent of the nursing credits shall be laboratory or clinical instruction."

**NCSBN Model Rules (p13)

6.4 Simulation A prelicensure nursing education program ("program") may use simulation as a substitute for traditional clinical experiences, not to exceed fifty percent (50%) of its clinical hours per course. A program that uses simulation shall adhere to the standards set in this section.

https://www.ncsbn.org/17_Model_Rules_0917.pdf

Hawai'i HAR only uses model rules limited to Scope of nursing practice and standards of care, education section not adopted by HBON for HAR.

*** Alexander, Maryann, Carol F. Durham, Janice I. Hooper, Pamela R. Jeffries, Nathan Goldman, Suzan "Suzie" Kardong-Edgren, Karen S. Kesten, et al. "NCSBN Simulation Guidelines for Prelicensure Nursing Programs." *Journal of Nursing Regulation* 6, no. 3 (October 2015): 39–42.
[https://doi.org/10.1016/S2155-8256\(15\)30783-3](https://doi.org/10.1016/S2155-8256(15)30783-3).

Article includes preparation checklist for faculty and program.

