

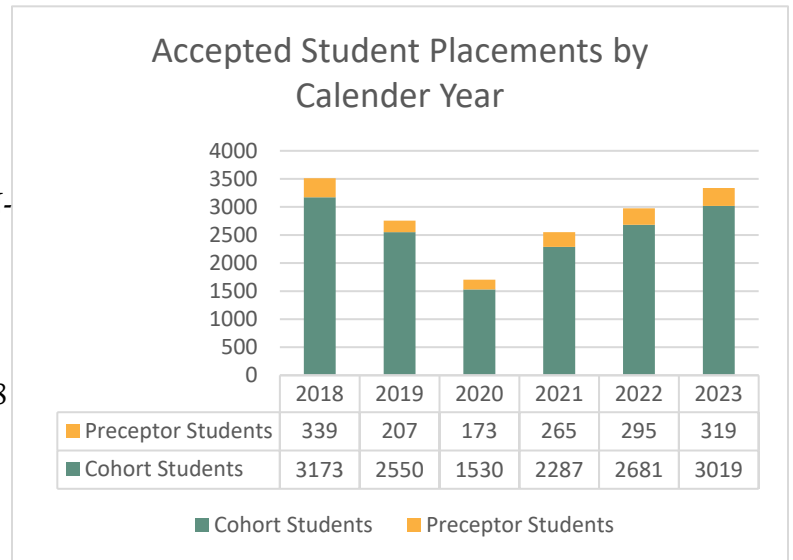
Nursing Clinical Placement Capacity: October 2023

Information Brief

Brief Summary: In 2011, HSCN engaged with schools of nursing and clinical education sites to launch the Hawai'i Clinical Placement Collaborative (HCPC), which uses the Centralized Clinical Placement System (CCPS) as a response to decreased access to clinical placements for students. HCPC has increased transparency in clinical placement requests amongst schools, increased the accuracy of clinical facilities securing preceptors for nursing students, and ensured nursing students' clinical education sites since the initial implementation.

2022-2023 AY HCPC Program Highlights

- ✦ In 2023, the HCPC collaborative clinical partners facilitated over 359,360 hours of clinical education through CCPS clinical placements. Of those hours, 5,948 were APRN-level student placements.
- ✦ The HCPC added a new participating partner, representing 11 new clinical facility sites offering LTC, skilled nursing, and home health placements, totaling 335 placements and 23,568 hours of clinical education to nursing students.
- ✦ Despite the gains, cohort placements remain at a deficit of 154 student placements from those during pre-pandemic 2018.



Clinical Placement Changes: In 2022-2023 AY, HCPC placements increased by 1,635 clinical education placements from the 2020 pandemic record low, demonstrating solid pandemic recovery. Deficits still remain for placements in Critical Care, Emergency, Peri-operative, and Psychiatry/Mental Health settings from pre-pandemic 2019 placements.

Table 1. Total HCPC Cohort Placement Types by Department.

| Cohort Placements By Department Type | 2019 | | | 2020 | | | 2021 | | | 2022 | | | 2023 | | | % Change Prior Yr. |
|---|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|--------------------|
| | Students | Cohorts | Avg. Size | Students | Cohorts | Avg. Size | Students | Cohorts | Avg. Size | Students | Cohorts | Avg. Size | Students | Cohorts | Avg. Size | |
| Clinic | 187 | 49 | 4 | 12 | 11 | 1 | 30 | 26 | 1 | 40 | 11 | 4 | 27 | 5 | 5 | -48% |
| Critical Care | 88 | 39 | 2 | 42 | 21 | 2 | 23 | 14 | 2 | 18 | 3 | 6 | 24 | 4 | 6 | 25% |
| E.D. | 43 | 31 | 1 | 19 | 16 | 1 | 22 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| Med/Surg | 895 | 181 | 5 | 647 | 137 | 5 | 648 | 163 | 4 | 893 | 139 | 6 | 910 | 141 | 6 | 2% |
| Obstetrics | 557 | 107 | 5 | 436 | 82 | 5 | 609 | 121 | 5 | 690 | 124 | 6 | 678 | 129 | 5 | -2% |
| Pediatrics | 394 | 65 | 6 | 309 | 48 | 6 | 434 | 68 | 6 | 516 | 87 | 6 | 504 | 95 | 5 | -2% |
| Peri-Op | 22 | 16 | 1 | 17 | 13 | 1 | 27 | 21 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 0% |
| Post-Acute | 265 | 36 | 7 | 136 | 20 | 7 | 2 | 4 | 1 | 156 | 17 | 9 | 342 | 37 | 9 | 54% |
| Psychiatry | 278 | 53 | 5 | 156 | 31 | 5 | 120 | 27 | 4 | 140 | 28 | 5 | 187 | 33 | 6 | 25% |
| Specialty | 3 | 2 | 2 | 6 | 4 | 2 | 11 | 4 | 3 | 40 | 5 | 8 | 88 | 11 | 8 | 55% |
| Telemetry | 112 | 34 | 3 | 86 | 25 | 3 | 97 | 31 | 3 | 186 | 29 | 6 | 257 | 40 | 6 | 28% |
| TOTAL | 2844 | 613 | 5 | 1866 | 408 | 5 | 2023 | 499 | 4 | 2681 | 444 | 6 | 3019 | 496 | 6 | 11% |

Clinical Placement Environment: Hawai'i health systems and academic institutions. There is a maldistribution between the current clinical placement availability and the unique nursing students' clinical education needs.

2022-2023 AY Pre-license Program Preceptors

- ❖ Pre-license program preceptor placements remain lower than in pre-pandemic 2019 by 39 student placements.
- ❖ Pediatrics, Obstetrics, and Specialty placements remain below pre-pandemic levels, totaling a loss of 14 critical preceptor placements.
- ❖ 4% of preceptor placements in 2023 AY were placed using a 1:2 ratio, or a doubling up of preceptor students.

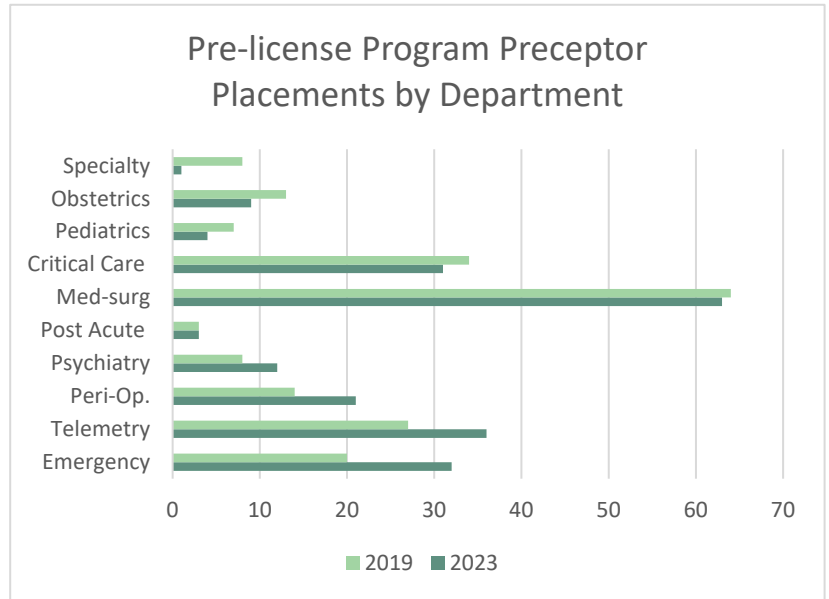


Table 2. Percent of Student Hours by Shift

| Percentage of Hours by Shift | Cohort Placements | Preceptor Placements |
|------------------------------|-------------------|----------------------|
| Days 8 hours | 30% | 8% |
| Days 12 hours | 42% | 10% |
| Evenings 8 hours | 3% | 1% |
| Evenings 12 hours | 0% | 5% |
| Nights 8 hours | 1% | 1% |

2022-2023 AY Shifts

- ❖ Evening and night shifts placements accounted for 5 % of total clinical placements HCPC increase the percentage of evening and night shift placements by 2% in 2023.

2022-2023 AY Faculty-to-student Ratio

- ❖ Faculty-to-student ratio increased from 1:4 in 2021 to 1:6 in 2023, the same ratio as 2018

Clinical Placement Constraints: Hawai'i health systems and academic institutions continue to report constraints impacting clinical placement availability.

Most Reported Constraints by Schools

- ❖ Faculty to Student Ratio Reduction (from 1:8 in 2016 to 1:6 in 2023)
- ❖ Clinical Faculty and Instructor Shortage
- ❖ Limited Preceptor Availability

Most Reported Constraints by Facilities

- ❖ Staffing Shortages
- ❖ Staffing Turnover
- ❖ Limited Preceptor Availability
- ❖ Staff nursing education/NRP conflicts

Strategies Employed to Address Clinical Placement Constraints: Decreases in cohort size and preceptor availability impact the number of placements needed to educate the same number of students, adds faculty demands on the schools, increase the demand for alternative cohort placements, and create a need for alternative cohort compositions. The Hawai'i schools of nursing implemented new strategies and operational changes to ensure Hawai'i's nursing students were provided adequate clinical exposure. These include, but are not limited to:

- ❖ Utilization of pop-up and temporary clinical sites,
- ❖ Implementation of new rotation models, which include multiple, shorter-duration rotations,
- ❖ Increase of preceptor-to-student ratio from 1:1 to 1:2, and
- ❖ Some increased utilization of night and weekend shifts.