

2021 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

CURRENT YEAR: 2021

PROGRAM: LICENSED VOCATIONAL NURSING(LVN)

CLUSTER: HEALTH, AGRICULTURE, WORKFORCE, & KINESIOLOGY

LAST YEAR CPPR COMPLETED: 2018-2019

NEXT SCHEDULED CPPR: 2022-2023

CURRENT DATE: 2/28/2021

The Annual Program Planning Worksheet (APPW) is the process for:

- reviewing, analyzing and assessing programs on an annual basis
- documenting relevant program changes, trends, and plans for the upcoming year
- identifying program needs, if any, that will become part of the program's [resource plan](#)
- highlighting specific program accomplishments and updates since last year's APPW
- tracking progress on a Program Sustainability Plan if established previously

Note: Degrees and/or certificates for the *same* program *may be consolidated* into one APPW.

This APPW encompasses the following degrees and/or certificates:

- A.S. LVN Associate Degree in Science
- C.A. Licensed Vocational Nursing Certificate
- C.S. LVN Basic Intravenous Therapy, Blood Administration, and Phlebotomy Certificate

General Program Update

The **Licensed Vocational Nursing (LVN) certificate course/program** continues to educate high quality nurses who become employed in a variety of healthcare settings. Every year, our graduates are either hired by healthcare agencies or continue their nursing education by entering registered nursing or other advanced healthcare areas. As an example of this, our division recently hired an LVN program graduate to teach part-time in the nursing assistant program. This faculty member continued her education after the LVN program by earning her registered nursing and Master's degree in nursing education, and will complete a Doctorate in Nursing Practice (DNP) program in December of this year.

The COVID-19 pandemic required our LVN class scheduled to complete in August of 2020 to postpone its 3rd Summer term due to the inability to place students in long-term care facilities for the required clinical hours. This cohort was able to be placed 1:1 with staff nurses in an extended preceptorship and complete their program in November 2020. A minor curriculum revision was submitted and approved by the LVN regulatory board, the BVNPT, as well as permission granted from clinical agencies for low numbers of students to be placed for patient care on any given day in order to complete required clinical hours. The cohort scheduled to begin August 2020 was also postponed due to the pandemic and lack of clinical placements.

Currently an estimated program start of August 2021 is planned. Close monitoring and creative student clinical placements will need to continue until the pandemic emergency is over due to the long-term care population where students are placed for clinical being exceptionally vulnerable.

The pause between cohorts was used to review the 12-month fast-track program and it was strengthened by creating a 3-term program consisting of 2 full semesters and a 3rd 14-week semester, with the summer off for a needed break and reset for both students and faculty. This slight extension to the program allows for the alignment of pediatric and obstetric theory hours to be taught concurrently in the same semester clinical hours are completed. The leadership and geriatric components have been strengthened as well. The program curriculum revision has already been approved by the college process, and is currently undergoing final stage in the BVNPT approval process. The BVNPT consultant has had nothing but praise for the changes.

The program will be continued to be offered on the North County Campus with clinical sites ranging from Paso Robles to Arroyo Grande.

Compass Health, Inc. has been consulted and updated with all program changes. Our strong partnership with this much needed clinical partner in our region will continue.

The LVN Associate Degree option that became effective Fall 2016 continues to be a strong option for students.

The LVN IV Therapy, Blood Administration, and Phlebotomy Certificate option continues to be offered annually timed with completion of the LVN program. Completion of an LVN curriculum is a BVNPT requirement to become enrolled in this course. In the future, additional course offerings should be considered targeting community LVN's.

Program Sustainability Plan Update

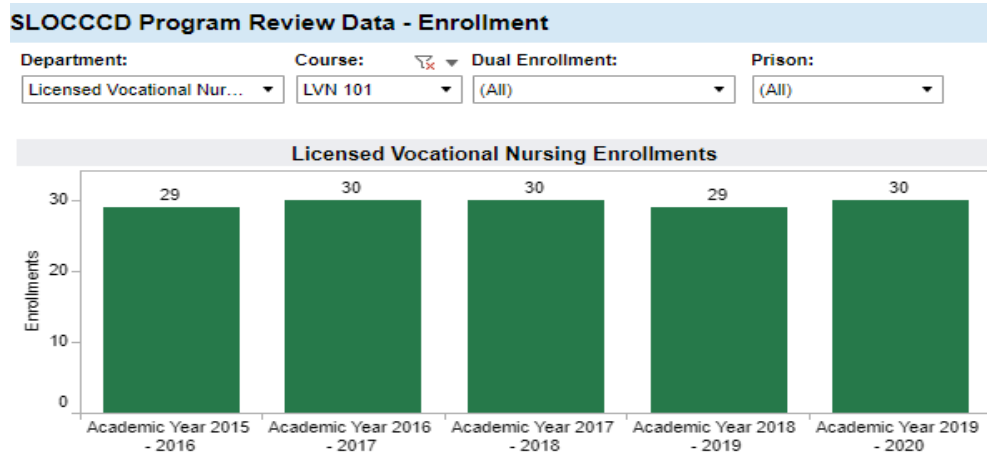
Was a Program Sustainability Plan established in your program's most recent Comprehensive Program Plan and Review?

Yes If yes, please complete the Program Sustainability Plan Progress Report below.

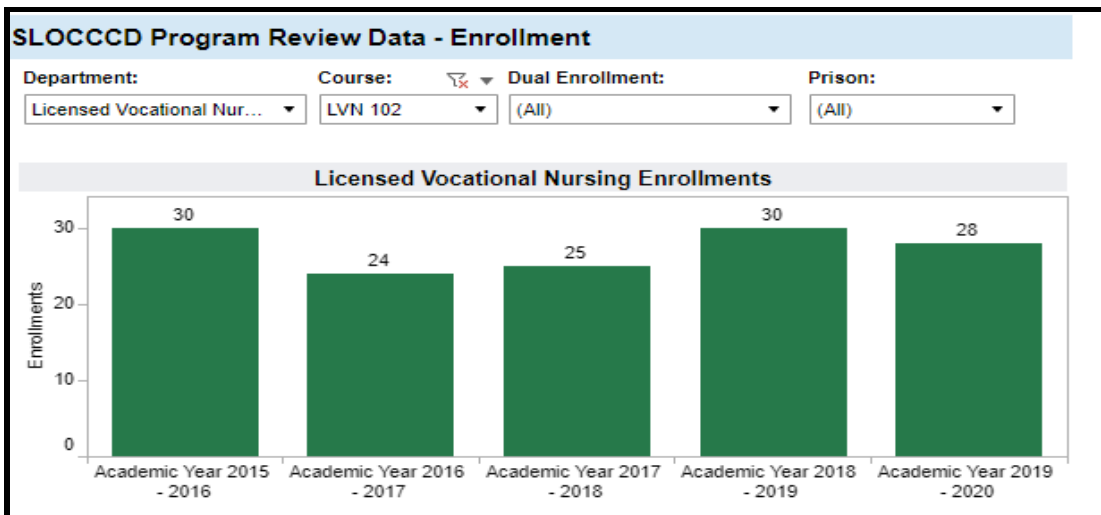
No **If no, you do not need to complete a Progress Report.**

Data Analysis and Program-Specific Measurements

General Enrollment Data Charts:



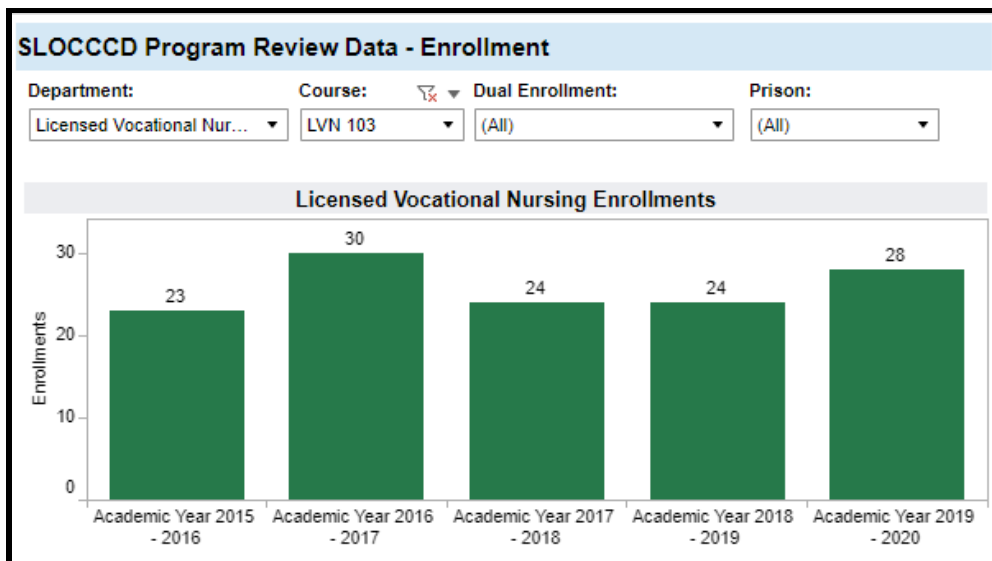
The above chart demonstrates enrollments in the 1st semester of the LVN program. Enrollment is by application and currently set at 30 students annually by the Board of Vocational Nursing and Psychiatric Technicians (BVNPT). Enrollments in 1st semester courses, indicated by LVN 101, have been steady and are expected to remain consistent with thirty students. These students advance to the required 2nd and 3rd semester courses.



Spring Semester Theory Course (2nd semester of 3 in the LVN Program)

The above chart demonstrates enrollments of students who progress to the 2nd semester of the LVN program. More variability is noted in the 2nd semester courses, due to academic or personal student

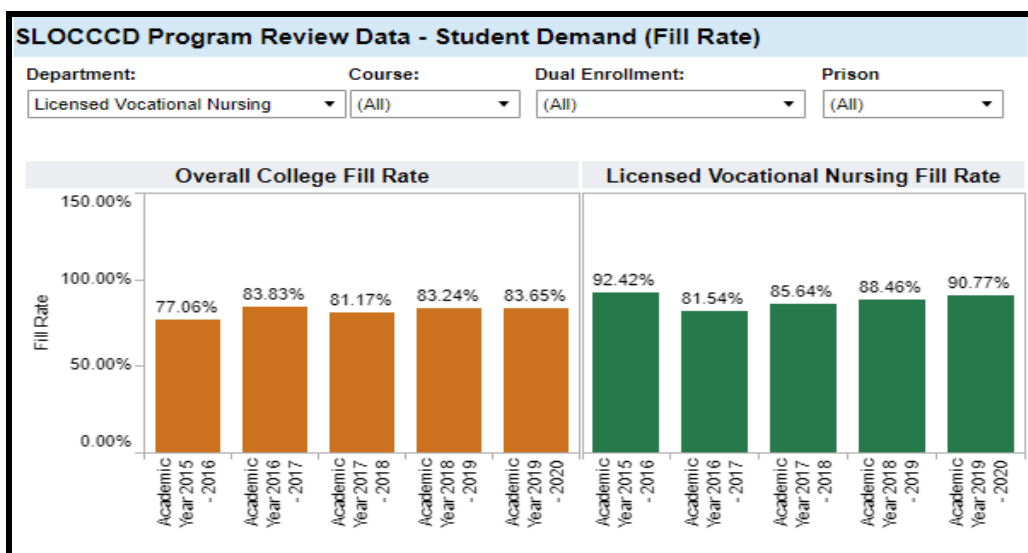
drops from the program. As able, vacated seats are filled with reentry students who obtained a faculty approved leave of absence, which is good for one year only.



Summer Semester Theory Course (third semester of 3 in the LVN Program)

Third semester enrollment data reflects the final of three semesters in the LVN Program. Course enrollment data again reflects the variability secondary to attrition and the inability to fill seats since students must complete the three semesters sequentially.

General Student Demand (Fill Rate):

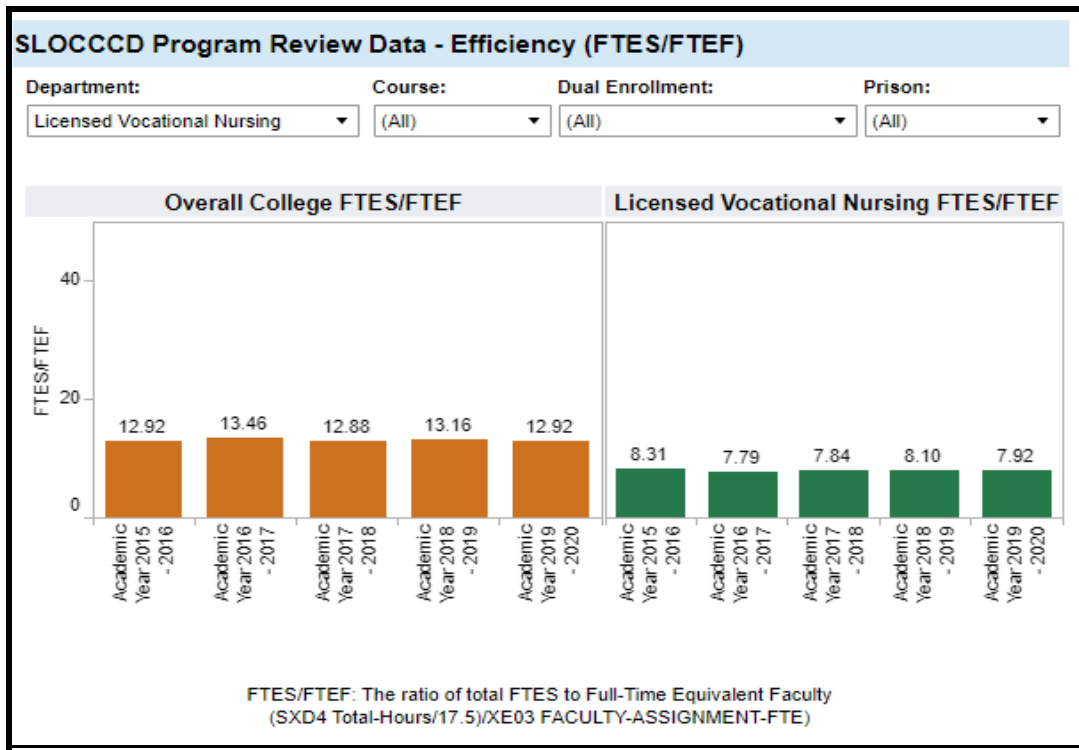


LVN Program course fill rate is consistent and above overall college numbers. Fill rates at the beginning of the LVN program are always 100%. Any variance to this fill rate is related to student

attrition due to academic or personal reasons. Students who drop are eligible to reenter the program within one year with a faculty approved leave of absence / reentry request, pending an available space in the semester they exited.

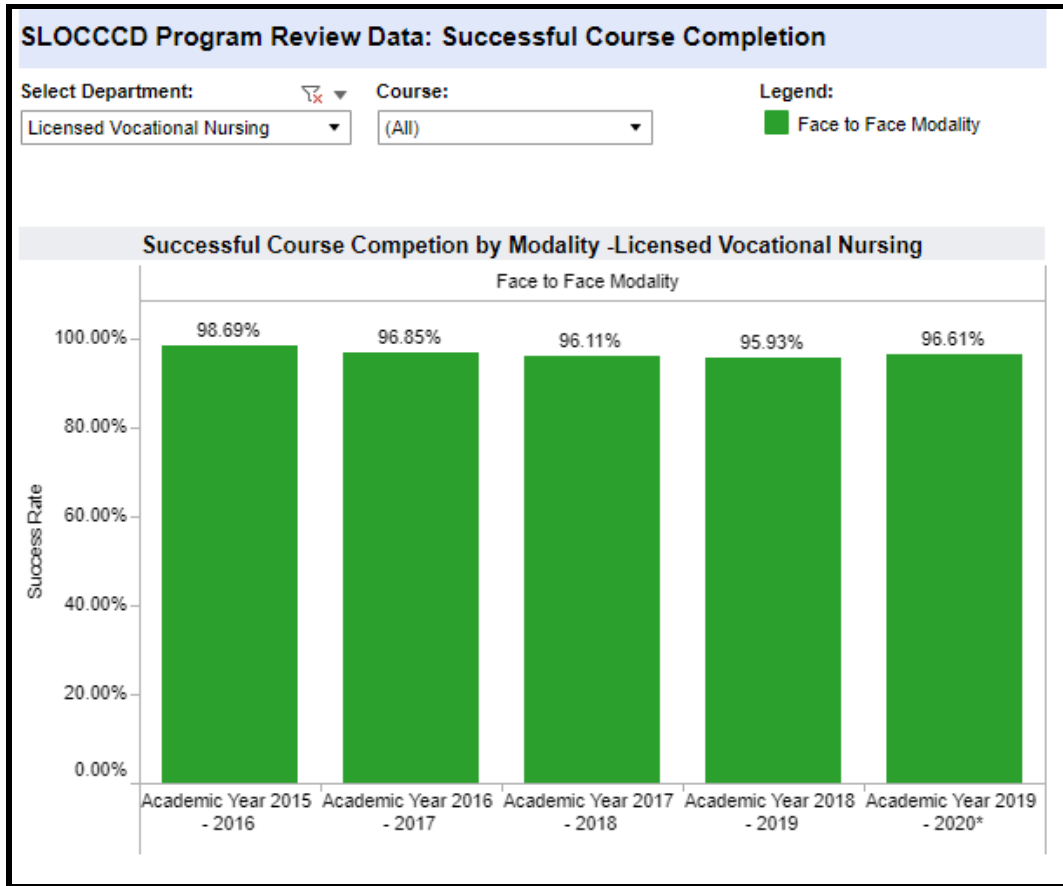
To minimize attrition in the 2nd and 3rd semesters, faculty have increased math and biology prerequisites to better prepare students and increase program completion numbers in the next application cycle. In addition, faculty hold Information sessions every Fall and Spring to inform and prepare interested applicants of the program expectations and time requirements of a student once admitted. Despite this, some students are still not prepared with adequate financial and family support to be successful.

[General Efficiency \(FTES/FTEF\)](#)



The above chart reveals the efficiency for the LVN lecture and clinical patient care courses combined. Lecture courses are above college efficiency with one faculty member teaching to 30 students, but the clinical courses cause this percentage to fall below the college target. This is due to the required student/faculty ratio in order to provide adequate supervision and safe patient care.

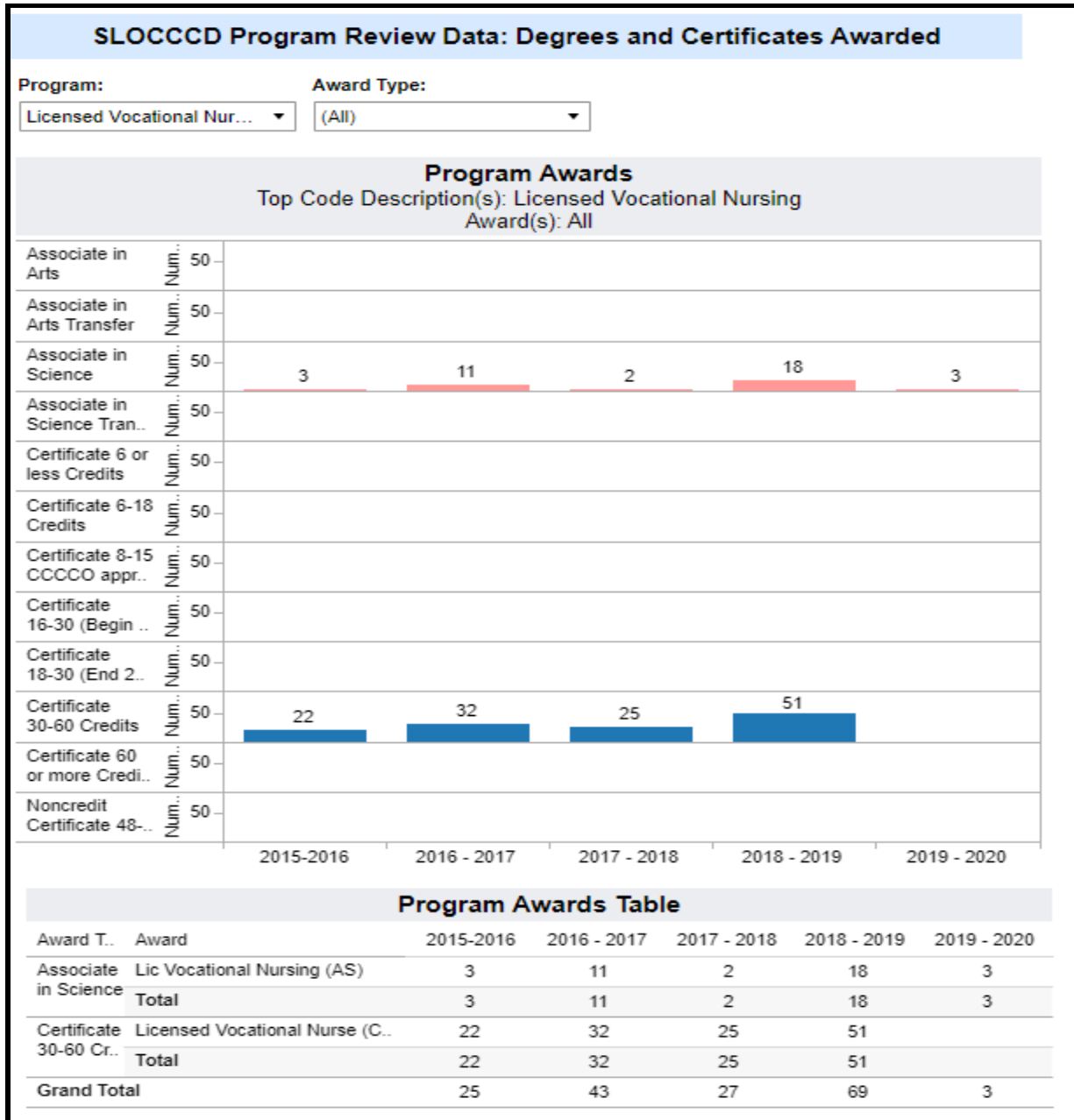
Student Success—Course Completion by Modality



The LVN courses are face-to-face, with the exception of pandemic-induced online courses that began Spring 2020.

This chart reflects the successful completion of all required courses in the three semesters of the LVN program. The LVN Program success rate over the past 5 years has been consistently higher than 90%. Course completion trends are consistent, with minimal change predicted. This consistent and continued successful course completion is a culmination of success factors in place including prerequisite courses and requirements, pre-class orientations, an aggressive retention policy, and the Kaplan NCLEX test-prep program.

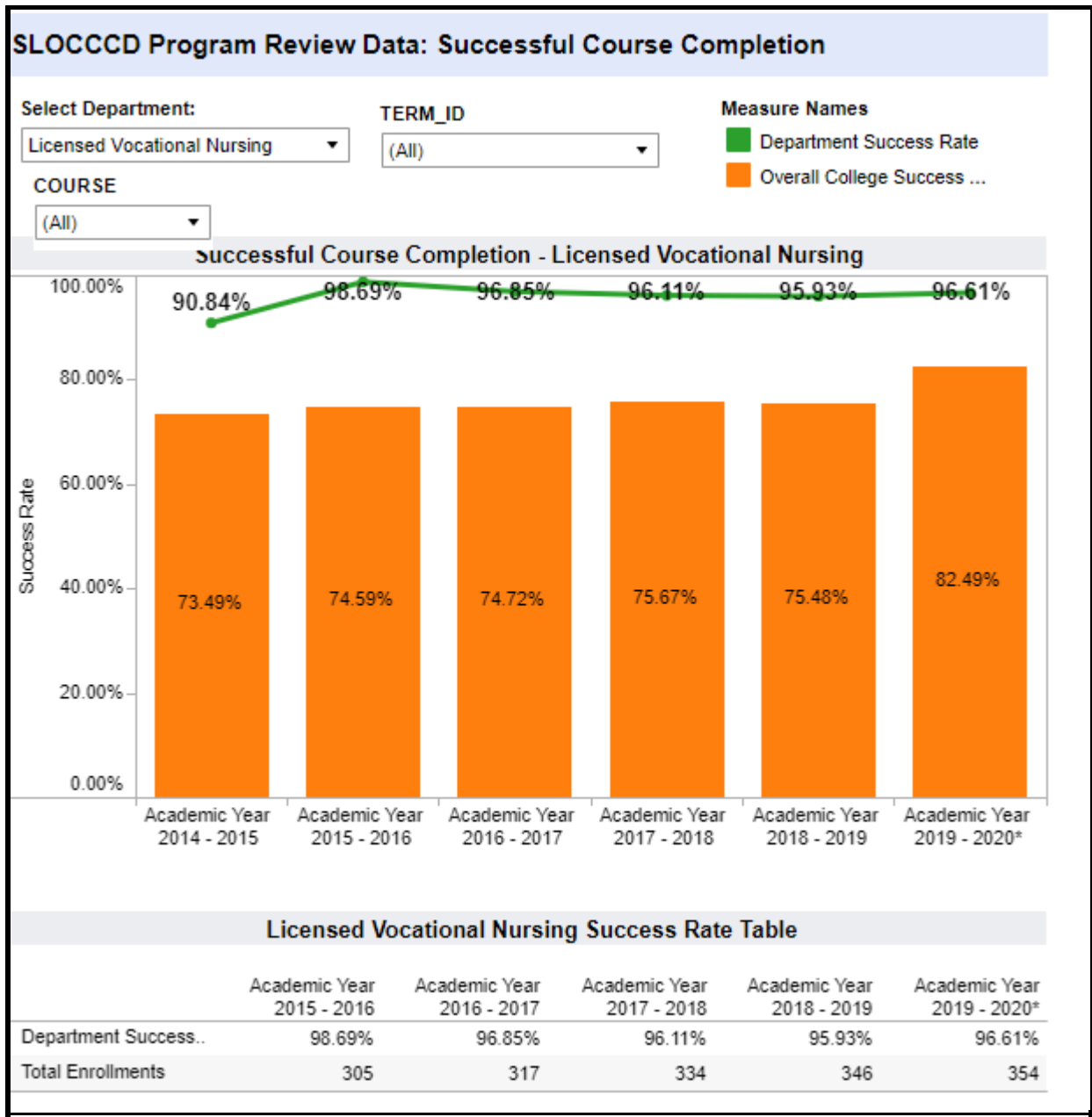
[Degrees and Certificates Awarded](#)



The above chart shows LVN Certificates and Degrees awarded. The data will need to be reviewed because internal nursing office records show LVN certificates were awarded to 23 students in 2015, 30 students in 2016, 24 students in both 2017 and 2018, and 28 students in 2019.

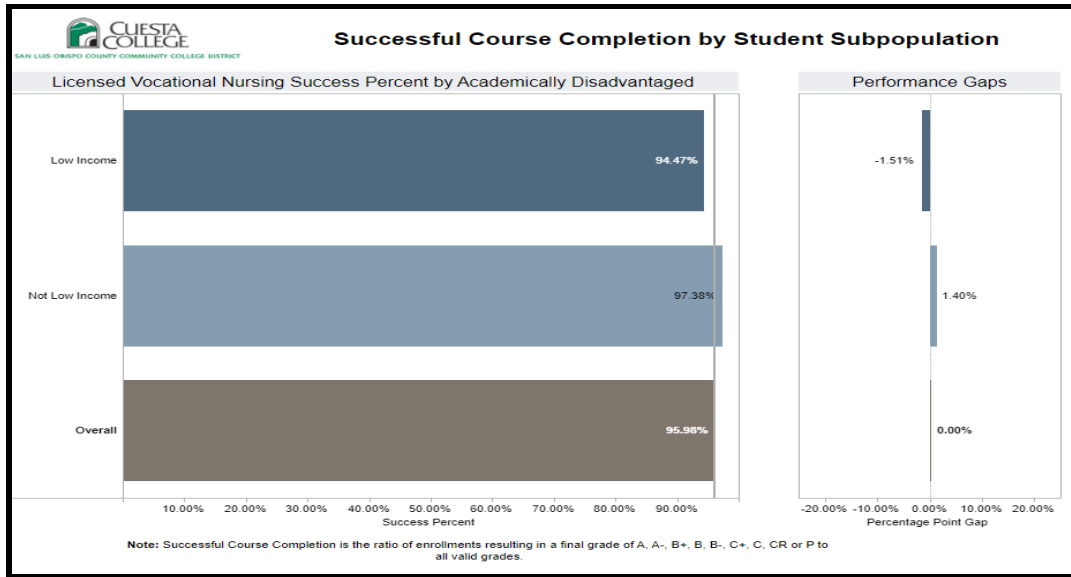
The LVN Associate Degree in Science was offered for the first time Fall 2016 with 37 degrees awarded.

General Student Success – Course Completion



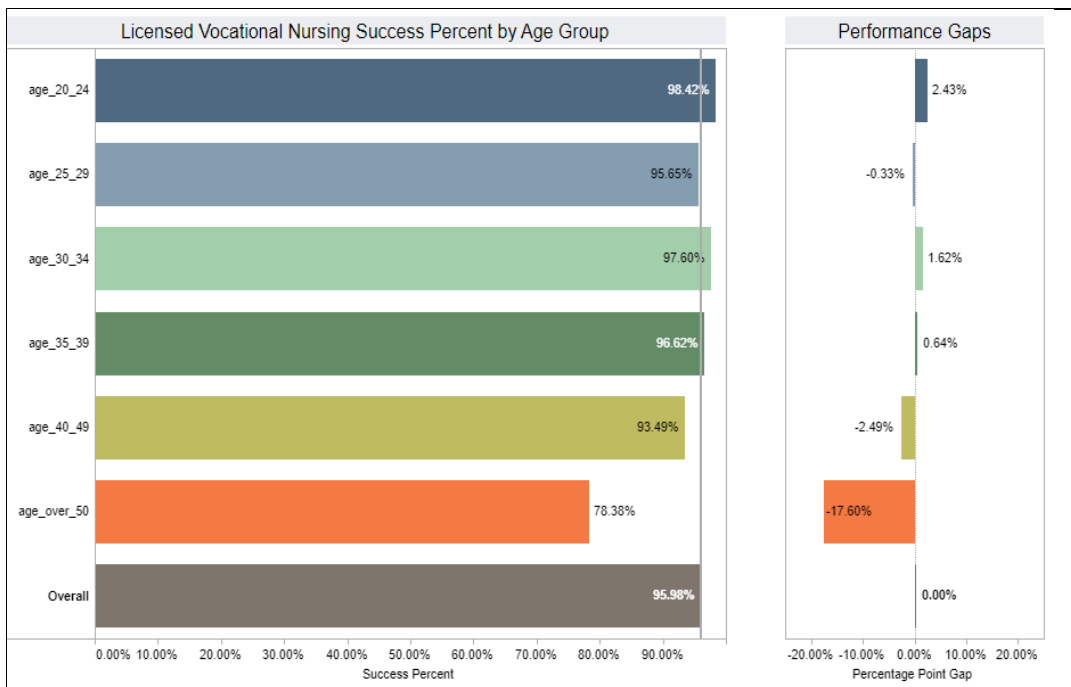
The LVN program consistently produces high student success rates, as noted on the green bar in the above chart. These successful completion rates exceed percentages from other college courses which are noted in orange in the chart above.

Disaggregated Student Success – Academically Disadvantaged



The above chart shows the successful completion percentage of courses in the LVN program by academically disadvantaged subpopulation. Overall completion is 94.47% for low income students, 97.38.3% for non-low income, and 95.9% overall.

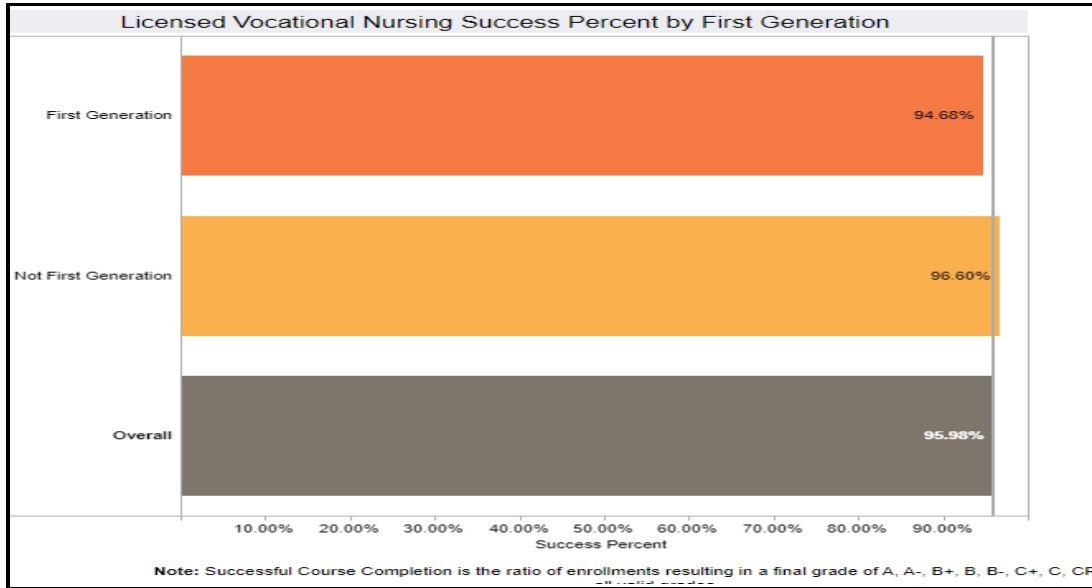
Disaggregated Student Success – Age



The above chart reveals the successful completion percentage of courses in the LVN program by age. Successful completion exceeds 90% except for the over 50 age population at 78%. Success

strategies will be explored to increase program success for this age group.

Disaggregated Student Success – First Generation to Attend College



First generation college students successfully completing the LVN program is very high at 94.68%.

Other Relevant Program Data:

Impressive 1st time testing NCLEX-PN licensure pass rates:

Class Year	Cuesta pass rates per class	CA Pass Rate	National Pass Rates (NCSBN)
2012	96% (BVNPT website 84%)		84.23%
2013	96% (BVNPT website 92%)		84.63%
2014	96% (BVNPT website 96%)		82%
2015	91% (BVNPT website 90%)	69%	81%
2016	70% (BVNPT website 67%)	72.30%	83.73%
2017	95% with 6 still to test	71%	83.84%
2018	96% (BVNPT website 96%)	79%	86%
2019	100% (BVNPT website 100%)		

Program LVN licensure, NCLEX-PN, 1st time test pass rates exceed those of both the state of California and the National pass rate average. Of note is the LVN Class of 2019 with a stellar 100% 1st testing pass rate in 2019!

Program Outcomes Assessment Checklist and Narrative

CHECKLIST:

- SLO assessment cycle calendar is up to date.
- All courses scheduled for assessment have been assessed in eLumen.
- Program Sustainability Plan progress report completed (if applicable).

NARRATIVE:

NONE – ADDRESSED IN OPENING NOTES.

Program Planning / Forecasting for the Next Academic Year

Briefly describe any program plans for the upcoming academic year. These may include but are not limited to the following: *(Note: you do not need to respond to each of the items below). If there are no forecasted plans for the program, for the upcoming year, indicate: NONE.*

- A. New or modified plans for achieving program-learning outcomes
 - Continued professional development for faculty to remain current in educational trends for nursing assistants.
 - Update equipment to meet what is utilized in skilled nursing facilities and replace worn or broken equipment.
 - An additional simulation manikin is being purchased with donor foundation funds to allow faculty to present multiple patient care and time management scenarios.

- B. Anticipated changes in curriculum, scheduling or delivery modality
 - Program and curriculum changes are in process as described in initial narrative.

- C. Levels, delivery or types of services
Continue to collaborate with the following departments to best serve the LVN students:
 - Career Connections
 - Student Services
 - DSPS
 - Counseling
 - Research
 - Foundation
 - Public Safety
 - Community healthcare and clinical facilities

D. Facilities changes

- Adaptions to simulation lab to accommodate 2nd manikin and hospital bed suite.
- Additional classroom space. N2407 is truly not large enough room to accommodate both lecture and skills lab activity for 30 students. Increased table/desk surface is needed for students to work and access their text books, lap tops, safely stow supplies and books they bring into the lab each classroom day. Increased skills lab space is needed for hospital beds, suites, equipment and supplies.
 - This should be a dedicated skills lab that can accommodate 30 students with 5 – 6 bed suites to meet BVNPT recommendations.

E. Staffing projections

- A new full-time faculty member is currently being advertised
- Replacement program assistant director retired in December 2020 and will need to be replaced. The LVN/CNA program would benefit and thrive with a director who is assigned to the NCC as their main campus and would be able to have daily oversight and participation with these programs.
- A simulation coordinator is needed. The simulation coordinator retired at least 5 years ago, has not been replaced, and simulation is lacking because of this void.
- Part-time clinical staff sufficient to meet needs of smaller clinical groups during the COVID pandemic to meet facility required lower student numbers.

Program Sustainability Plan Progress Report – NOT APPLICABLE