

University of Florida College of Dentistry
Summary of Performance in Part II National Board Dental Examination

August 31, 2020

The National Board Dental Examination (NBDE) is divided into Part I and Part II. NBDE Part I includes: Anatomic sciences, biochemistry-physiology, microbiology-pathology, and dental anatomy & occlusion. NBDE Part II includes dental and clinical dental sciences. NBDE exams were calibrated by national experts in the fourth quarter of 2016 to reflect updated standards. The updated standards were implemented in 2016 for NBDE Part I and 2017 for Part II. Failure rates after using the new standards have been similar to those projected, falling within an expected range of year-to-year variation among candidates.

The graphs below depict: 1) the failure rate for the past five years for the University of Florida College of Dentistry (UFCD) compared to the national failure rates, 2) the overall d-values for UFCD compared to the national rates.

- UFCD failure rates for the NBDE Part II for 2018 and 2019 were 3.1 percent and 5.5 percent, respectively. These remain well below national failure rates of 8.6 percent and 10.3 percent for 2018 and 2019 respectively. UFCD failure rates closely track the trends that occur nationally.
- UFCD failure rates for both Part I and Part II are detailed in the attached spreadsheet for 1999 through 2019. These show that UFCD pass rates for Part II ranged from 90 to 100 percent with an average pass rate of 98 percent. Note that Part II of the exam will not be completed by the entire class until December 2020.
- UFCD's overall d-value scores for the past five years are shown below. The d-value is a standardized value representing the distance between the UFCD school average and the national average presented in standard deviation units. A positive d-value of 1.0 indicates that UFCD is more than one standard deviation above the national average, a trend that is consistent from 2015-2019.

UFCD has a two-pronged approach to improve the pass rate for the upcoming classes:

- 1) Our Office of Academic Affairs has developed a relationship with Kaplan test preparation so that when a student fails NBDE Part II, contact is made to inquire if the student may benefit from access to the Kaplan NBDE Part II Online Question Bank. This resource will be provided without cost for a limited time to the student.
- 2) We are developing a new Special Topics course, DEN8290: NBDE Part II Review for Spring 2021 for the Class of 2022, who will challenge the NBDE Part II in July-October 2021. All students will be encouraged to enroll; however, students who failed the NBDE Part I will be automatically enrolled in this course.

NBDE Part II Annual Profile Report
UNIVERSITY OF FLORIDA COLLEGE OF DENTISTRY
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