

INTRODUCTION

The IU Department of Anesthesia provides Anesthesiology Career Mentors to 3rd and 4th year medical students. We have approximately 47 requests per class year. In the past 5 years, we have matched 181 students into Anesthesiology, averaging 36 students per year.

Where do these students match into Anesthesiology? How many of them use the Career Mentorship program? If they don't choose Anesthesiology, which other specialties appeal to them?

METHODS

Match data from publicly obtained IUSM Graduation Booklets for the Class of 2017 through 2021 was filtered for those students matching into Anesthesiology Residency Programs. These programs were mapped and cross-referenced for medical school rankings based on the 2022 US News & World Report Medical School Rankings for Research.

Students who matched into Anesthesiology were cross-referenced with students who had formally requested Anesthesiology Career Mentors in 2020-2021. Students who had formally requested Anesthesiology Career Mentors in 2020-2021 were also cross-referenced with the IUSM Graduation Booklet data to see how many of these students matched into Anesthesiology or other fields.

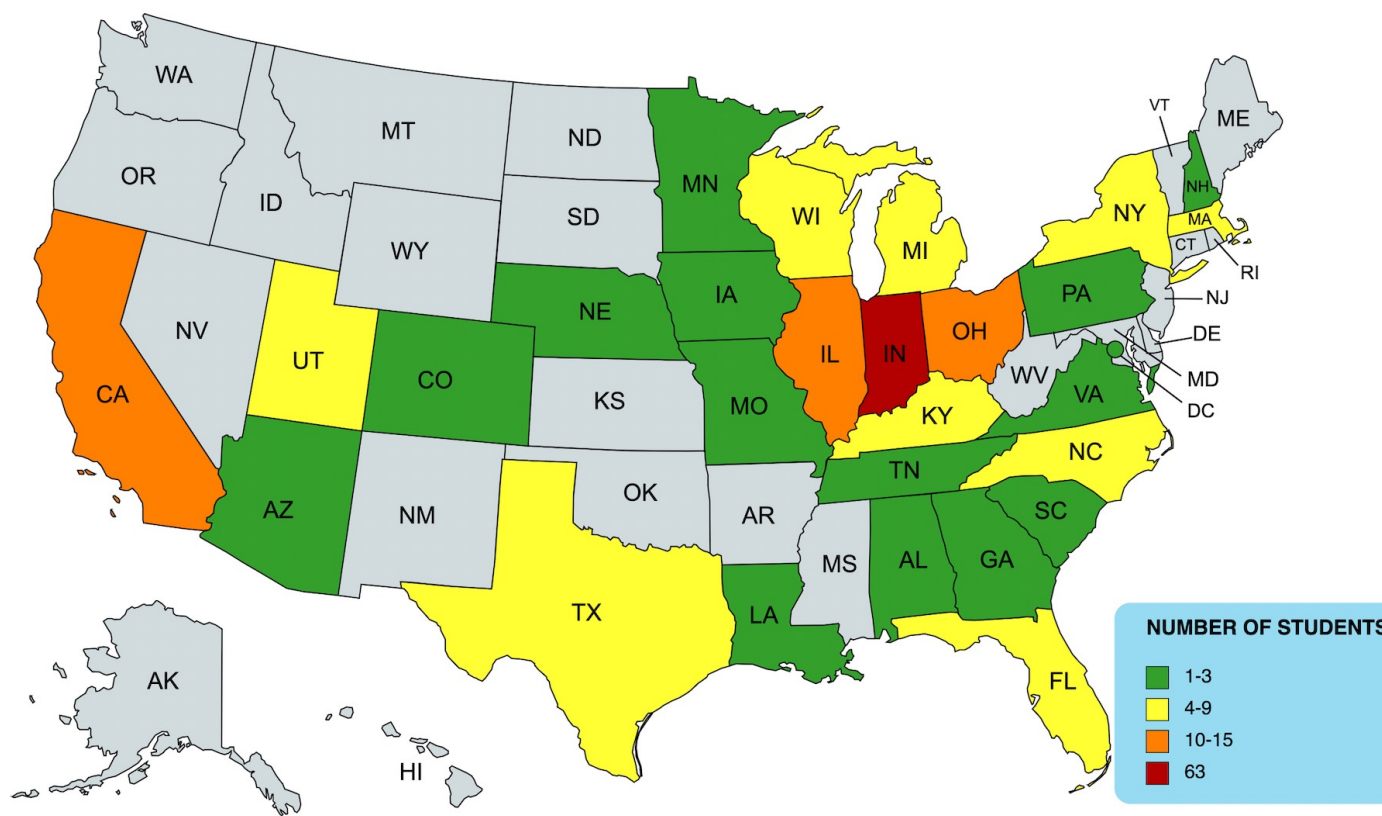
STUDENT FEEDBACK ON MENTORS

"She went out of her way to provide advice."	"Exceptional experience."
"They provided realistic resources to help with applying."	"Encouragement was honestly the biggest factor. Advice about programs, personal statement, and CV were also helpful."
"[They taught me] how to be competitive."	"He helped me decide if anesthesiology was the right specialty for me."
"[They] gave me interview tips."	

WHERE DO STUDENTS MATCH INTO ANESTHESIOLOGY?

(Top 25 US News & World Report Medical School Rankings for Research 2022 in Parentheses)

Harvard University
Massachusetts General (#1)
Harvard University Brigham & Women's Hospital (#1)
New York University (#2)
Duke University (#3)
Stanford University (#4)
University of California-San Francisco (#4)
Mayo Clinic School of Medicine (#11)
Washington University Barnes Jewish Hospital (#11)
University of Pittsburgh (#13)
Vanderbilt University (#13)

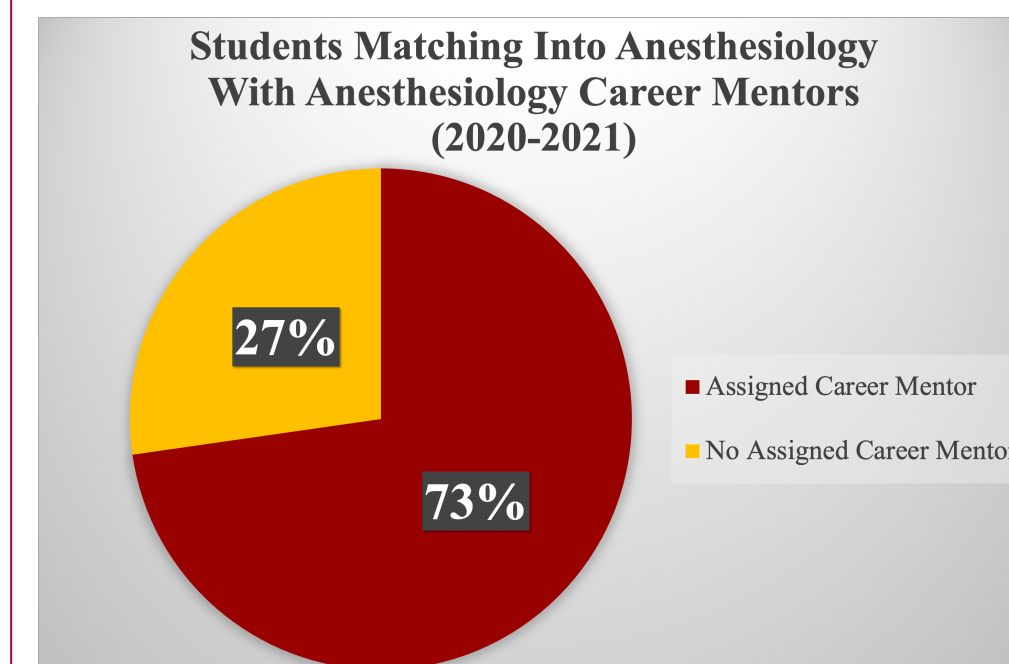


Northwestern University (#15)
University of Michigan (#15)
Icahn School of Medicine at Mount Sinai (#17)
University of Chicago (#17)
University of California-Los Angeles (#21)
Emory University (#22)
University of North Carolina (#24)
Case Western Reserve University (#25)
CWRU/Cleveland Clinic (#25)

not all programs listed

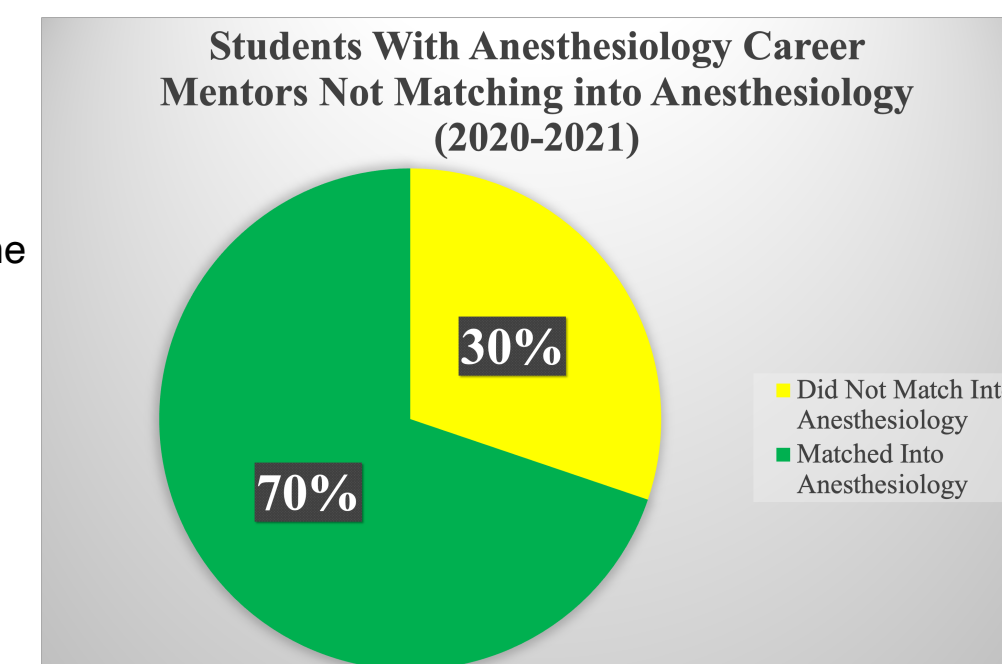
Class of 2017 to Class of 2021 Match Data From IUSM Graduation Booklets

ANESTHESIOLOGY CAREER MENTORSHIP UTILIZATION & THE MATCH



Some students not matching into anesthesiology matched into Internal Medicine (7), Radiology (4), Pediatrics (3), Family Medicine (2), General Surgery (1), OB-Gyn (1), Orthopedic Surgery (1), and Psychiatry (1).

Other students were not listed in the graduation booklet or did not have a residency listed.



DISCUSSION

Of the 181 students that have matched into Anesthesiology from 2017-2021, 63 students matched at IU (35%). The rest are distributed across the regions of the US, including residency programs at the top 25 medical schools.

The majority of students matching into Anesthesiology request Anesthesiology Career Mentors, with 73% (48/66) of students assigned to mentors in 2020-2021. 96 mentors were requested in 2020-2021, with 29 students (30%) not matching into Anesthesiology. Many of these students choose to pursue other specialties, including Internal Medicine, Radiology, Pediatrics, Family Medicine, General Surgery, OB-Gyn, Orthopedic Surgery, and Psychiatry. Some students were not listed in the IUSM Graduation Booklet or did not have a residency listed.

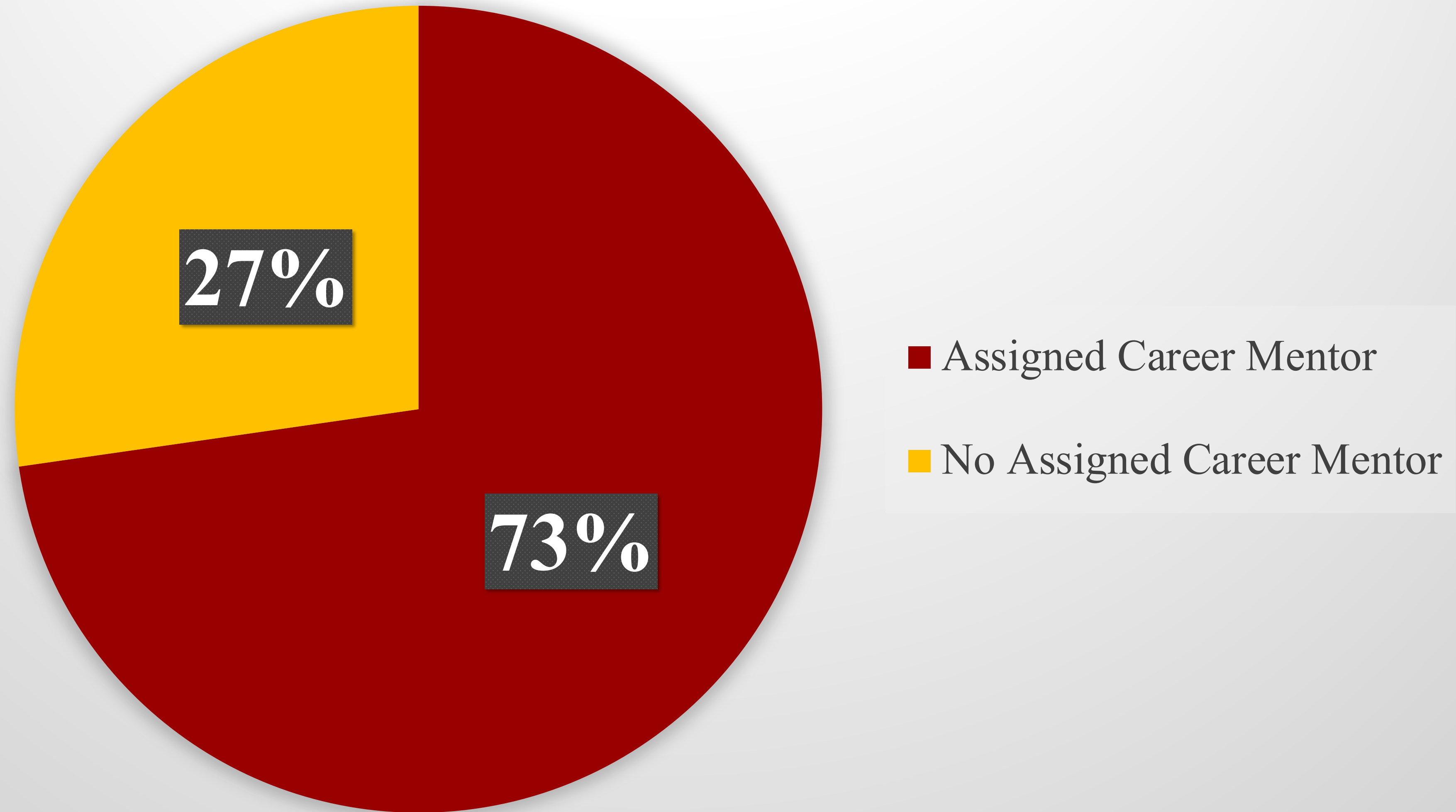
Limitations of this analysis include students' choice to publish their Match data in the IUSM Graduation Booklet and the possibility of some students being lost to follow up due to not graduating yet or changing their name. No direct link can be made between formally assigned Anesthesiology Career Mentors and the Match, especially since some students may have sought out informal mentorship.

Anesthesiology continues to be a competitive field with high student interest. More research can be done to understand factors that influence student decisions for specialty and to track student alumni and follow their career progression into fellowship and the physician workforce.

REFERENCES

- IUSM Graduation Booklets, 2017-2021.
- US News & World Report. 2022 Best Medical Schools: Research. <https://www.usnews.com/best-graduate-schools/top-medical-schools/research-rankings>. Accessed 12/18/21.
- Rock-Klotz JA, Miller TR. Anesthesiology Residency Matches Hit Record High for Fifth Year in a Row. *ASA Monitor*, 2021; 85: 40-41. <https://doi.org/10.1097/O1.ASM.0000768856.99836.c5>.

Students Matching Into Anesthesiology With Anesthesiology Career Mentors (2020-2021)



Students With Anesthesiology Career Mentors Not Matching into Anesthesiology (2020-2021)

