



# Information Literacy Instruction Provided by Medical Librarians Across the Doctor of Pharmacy Curriculum in the United States

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## BACKGROUND

- ❖ The number of recent publications that have examined the current status of information literacy instruction integrated into the academic curriculums on the national level is scarce.
- ❖ None of these studies have ever addressed the role played by medical librarians in providing information literacy instruction for students enrolled into the Doctor of Pharmacy programs in the United States.

## OBJECTIVES

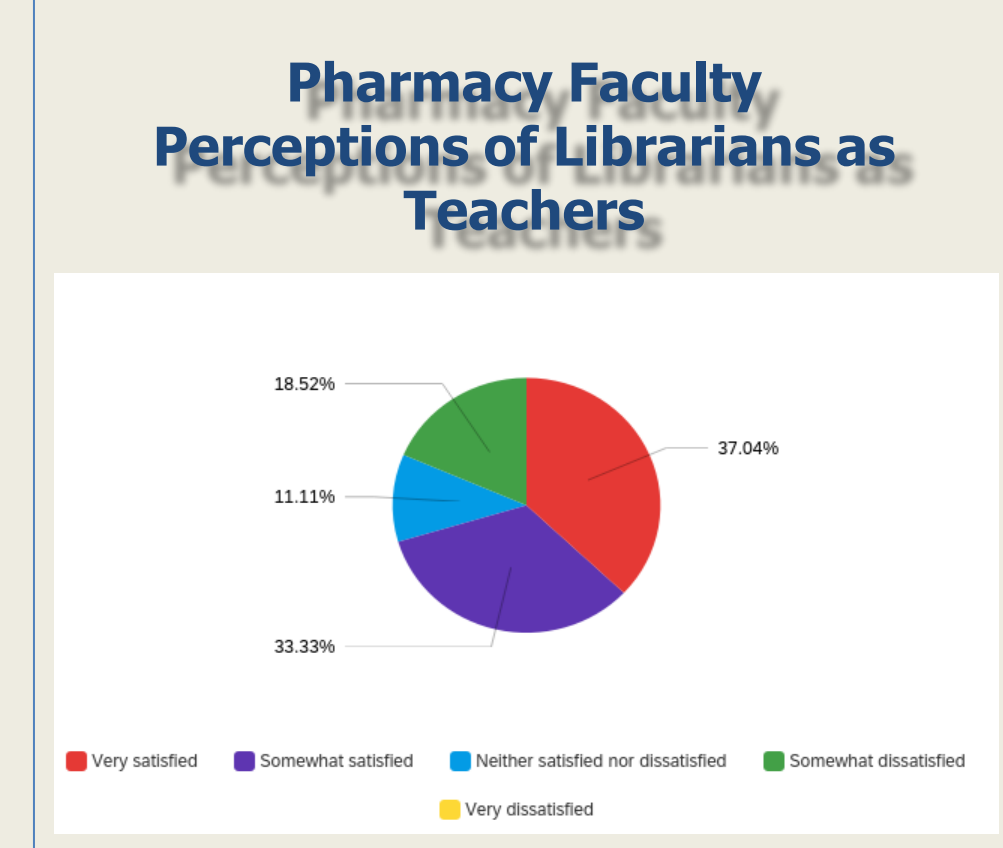
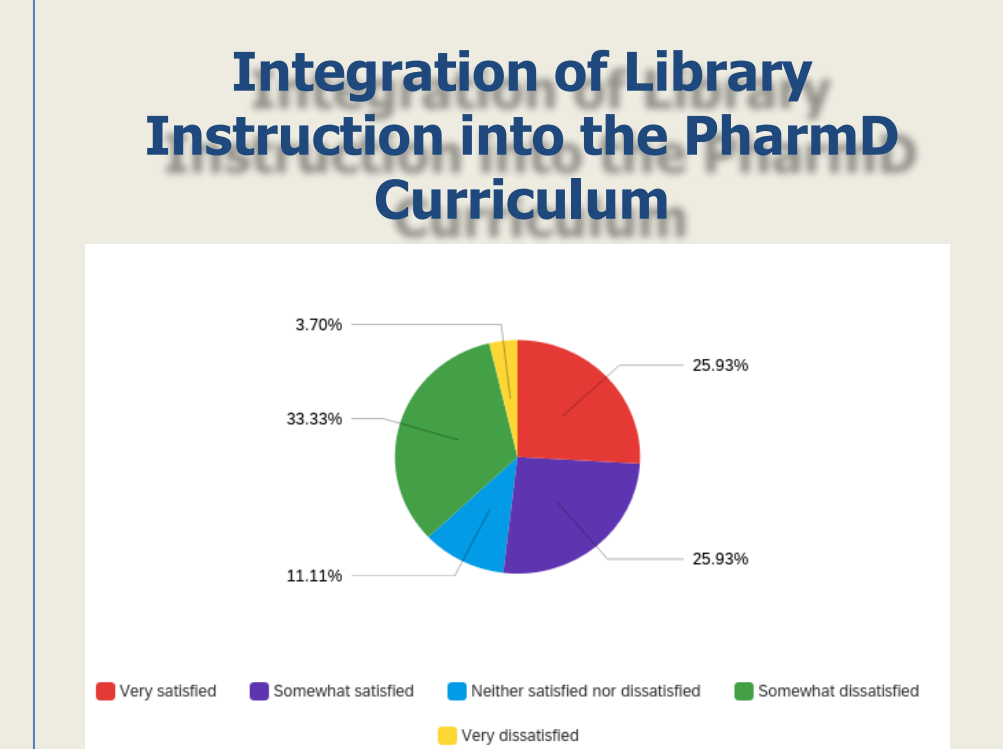
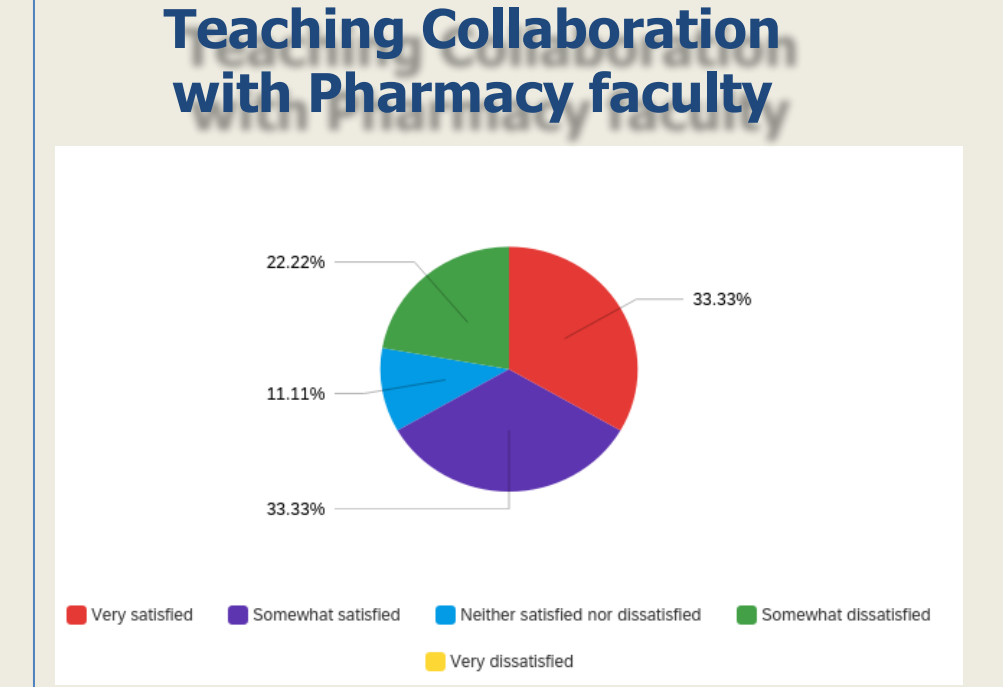
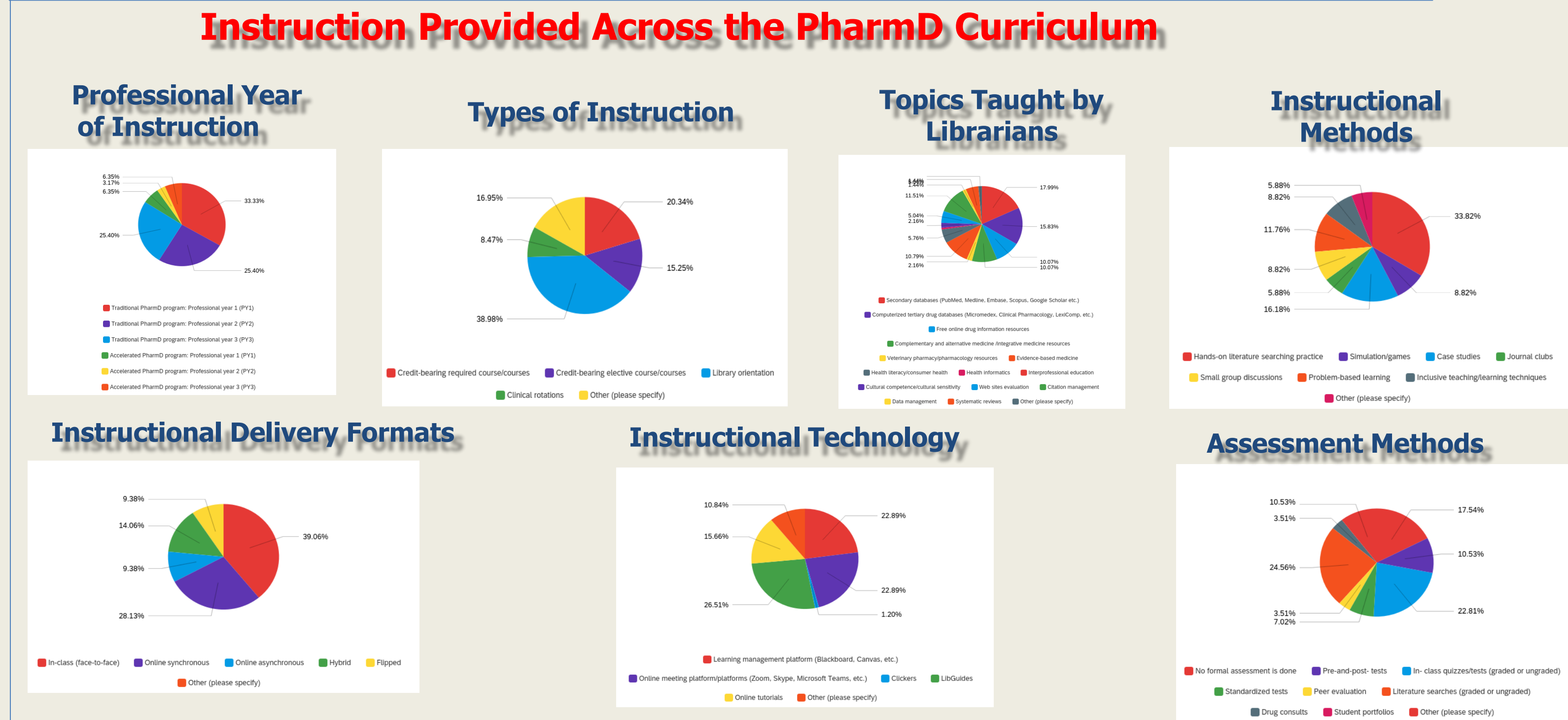
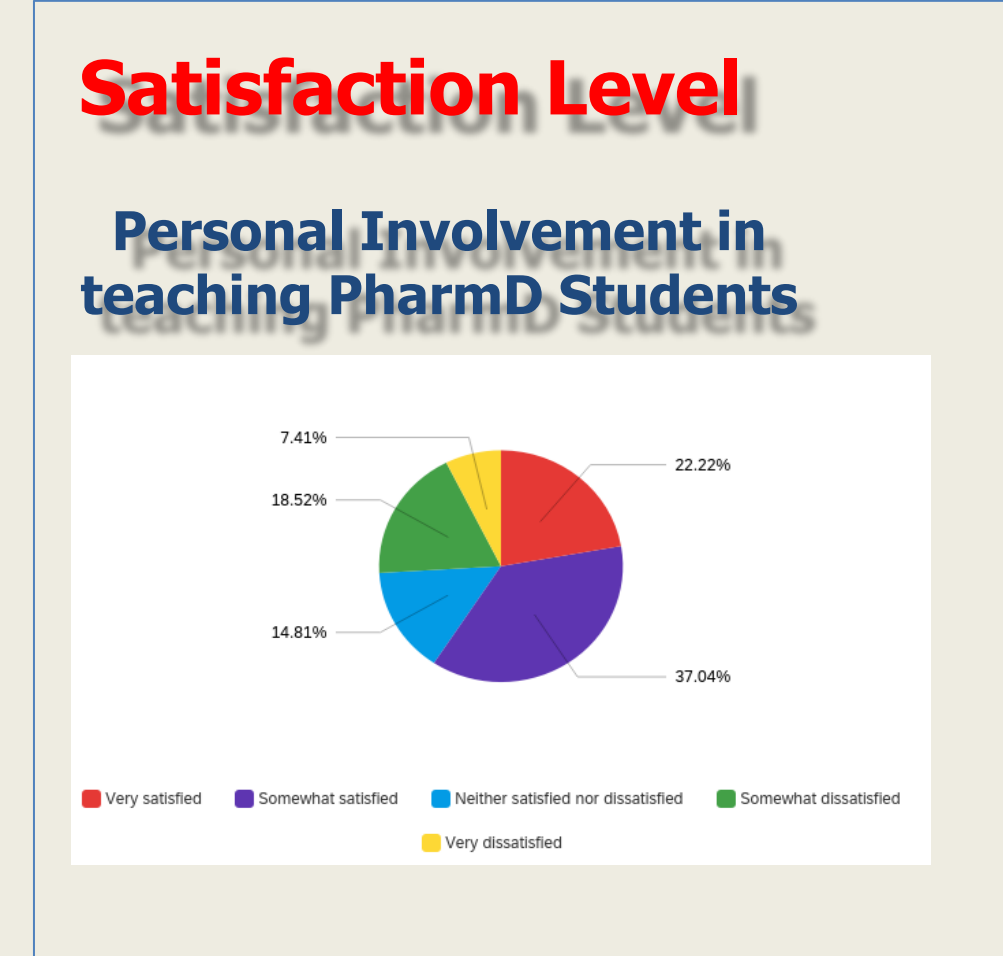
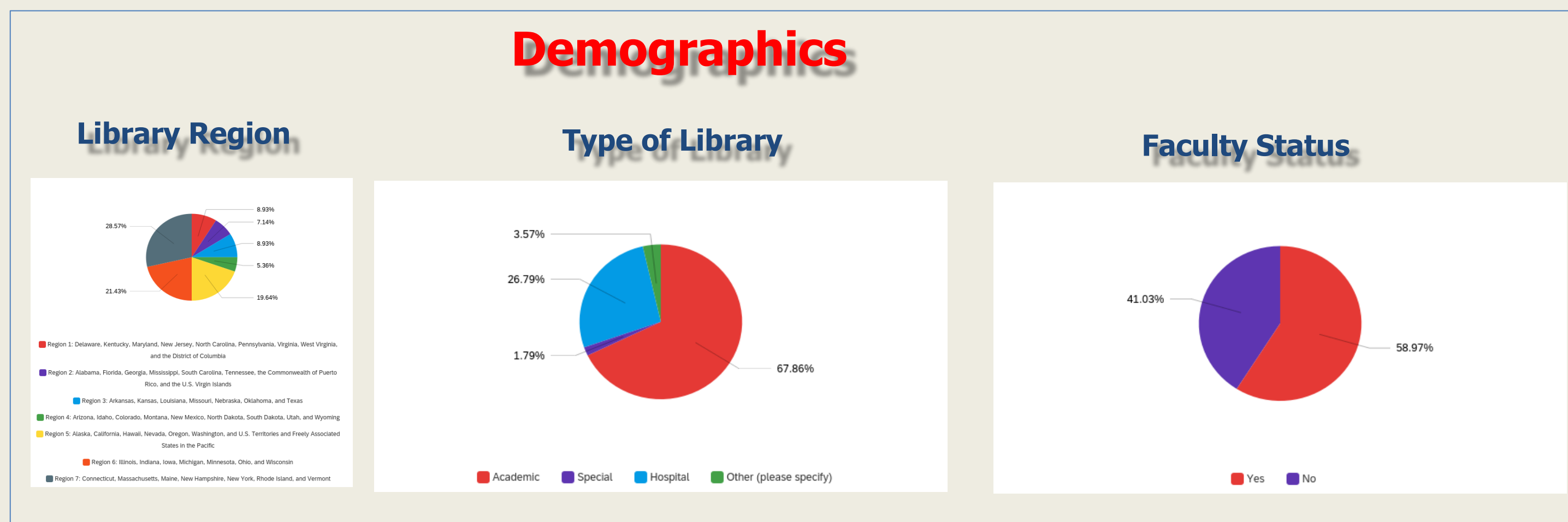
- ❖ This study seeks to investigate the current status of information literacy integration across the Doctor of Pharmacy curriculum in the United States within a variety of healthcare libraries (primarily academic institutions).
- ❖ Instructional delivery, assessment methods, educational technology used by medical librarians in teaching PharmD students, and the impact of COVID-19 pandemics on the instruction were also investigated.

## METHODS

- ❖ Electronic survey, created in Qualtrics, was administered electronically in Spring 2023 via several professional library listservs (Medical Library Association, PDI MLA, and the American Association of Colleges of Pharmacy DILS).
- ❖ Results of the survey were statistically analyzed.

## RESULTS: out of 64 librarians who responded to the survey, 38 are involved in teaching PharmD students

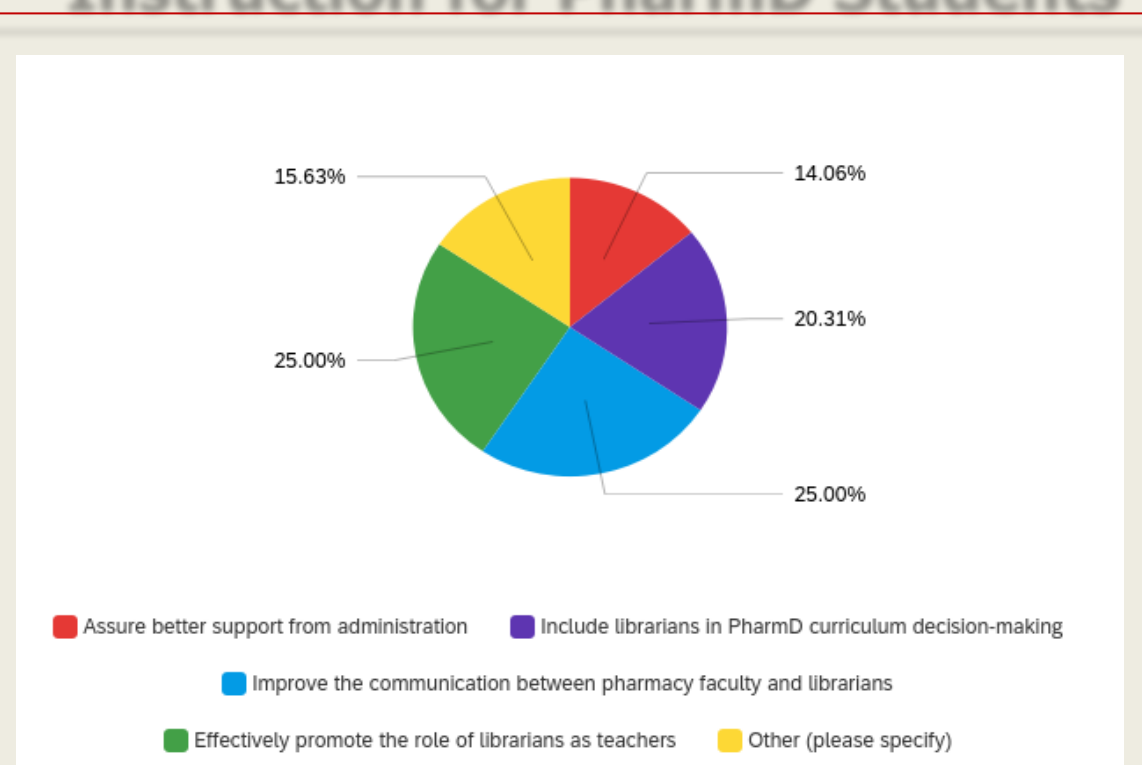
## CONCLUSIONS



### Impact of COVID-19 Pandemic on Library Instruction for PharmD Students

	Strongly Agree	Somewhat Agree	Neither Agree nor Disagree	Somewhat Disagree	Strongly Disagree
More opportunities to provide information literacy instruction for PharmD students now compared to pre-pandemic	7.41%	25.93%	40.74%	22.22%	3.70%
Teaching more online classes for PharmD students now compared to pre-pandemic	14.81%	11.11%	37.04%	14.81%	22.22%
Teaching more in-person classes for PharmD students now compared to pre-pandemic	3.70%	18.52%	37.04%	25.93%	14.81%
Allocate more time for teaching PharmD students compared to pre-pandemic	7.41%	14.81%	48.15%	22.22%	7.41%
More involved in the entire PharmD course planning together with the Pharmacy faculty	0.00%	14.81%	48.15%	18.52%	18.52%
Collaboration and communication with Pharmacy faculty improved	3.70%	29.63%	51.85%	14.81%	0.00%

### Suggested Methods to Improve Library Instruction for PharmD Students



- ❖ Librarians teach a wide variety of topics across the PharmD curriculum and utilize various instructional technology tools creatively.
- ❖ In-class and online synchronous classes are most frequently used instructional delivery formats.
- ❖ Hands-on literature searching is the most popular instructional method used.
- ❖ Most librarians utilize some methods of assessment of students' learning.
- ❖ COVID-19 moderately influenced the information literacy instruction practices of medical librarians.
- ❖ Improving communication with pharmacy faculty and promoting the teaching role of librarians can help improve the level of information literacy instruction for PharmD students.