



American  
Urological  
Association

Advancing Urology™

## **SPECIAL AUA 2023 CENSUS REPORT**

# ***Practicing Urologists in the United States by AUA Section***

American Urological Association Education and Research, Inc. (AUAER)

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## 2023 Census Data Collection and Analysis

- The 2023 AUA Census was an online survey open to all members of the urologic workforce administered from April 28 - September 30, 2023 with biweekly reminders.
- This analysis was limited to U.S. Practicing Urologists as identified and validated against National Provider Identifier, American Board of Urology, and American Board of Medical Specialties files.
- A total of 4,114 respondents completed the 2023 AUA Annual Census—1,918 of whom were practicing urologists in the U.S., representing a 13.5% response rate out of the total 14,176 U.S. practicing urologists.
- Post-stratification weighting was performed to adjust for non-response bias based on the following factors:
  - Gender
  - Geographic location of primary practice
  - Certification status
  - Years since initial certification
- Weighted data were analyzed and are presented stratified by AUA Section using IBM-SPSS Complex Samples 27.0.

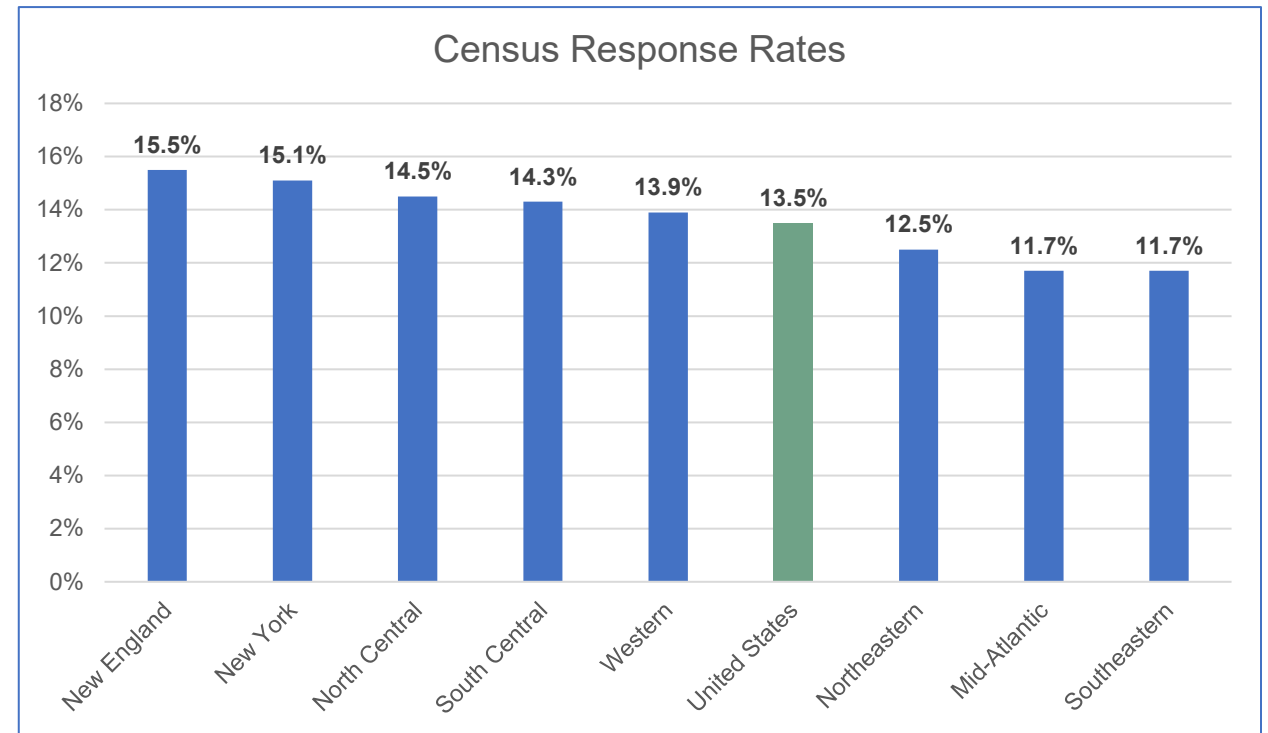
## AUA Sections U.S. Coverage

AUA Sections	U.S. States/Areas Included
Mid-Atlantic	Delaware, District of Columbia, Maryland, Virginia, West Virginia, Eastern Pennsylvania, South New Jersey
New England	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
New York	Northern portion of New Jersey and Southeastern portion of New York, including Long Island
North Central	Illinois, Indiana, Iowa, Michigan, Minnesota, North Dakota, Ohio, South Dakota, Wisconsin
Northeastern	New York (except southeast portion), Western Pennsylvania
South Central	Arkansas, Colorado, Kansas, Missouri, Nebraska, New Mexico, Oklahoma, Texas
Southeastern	Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee
Western	Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming

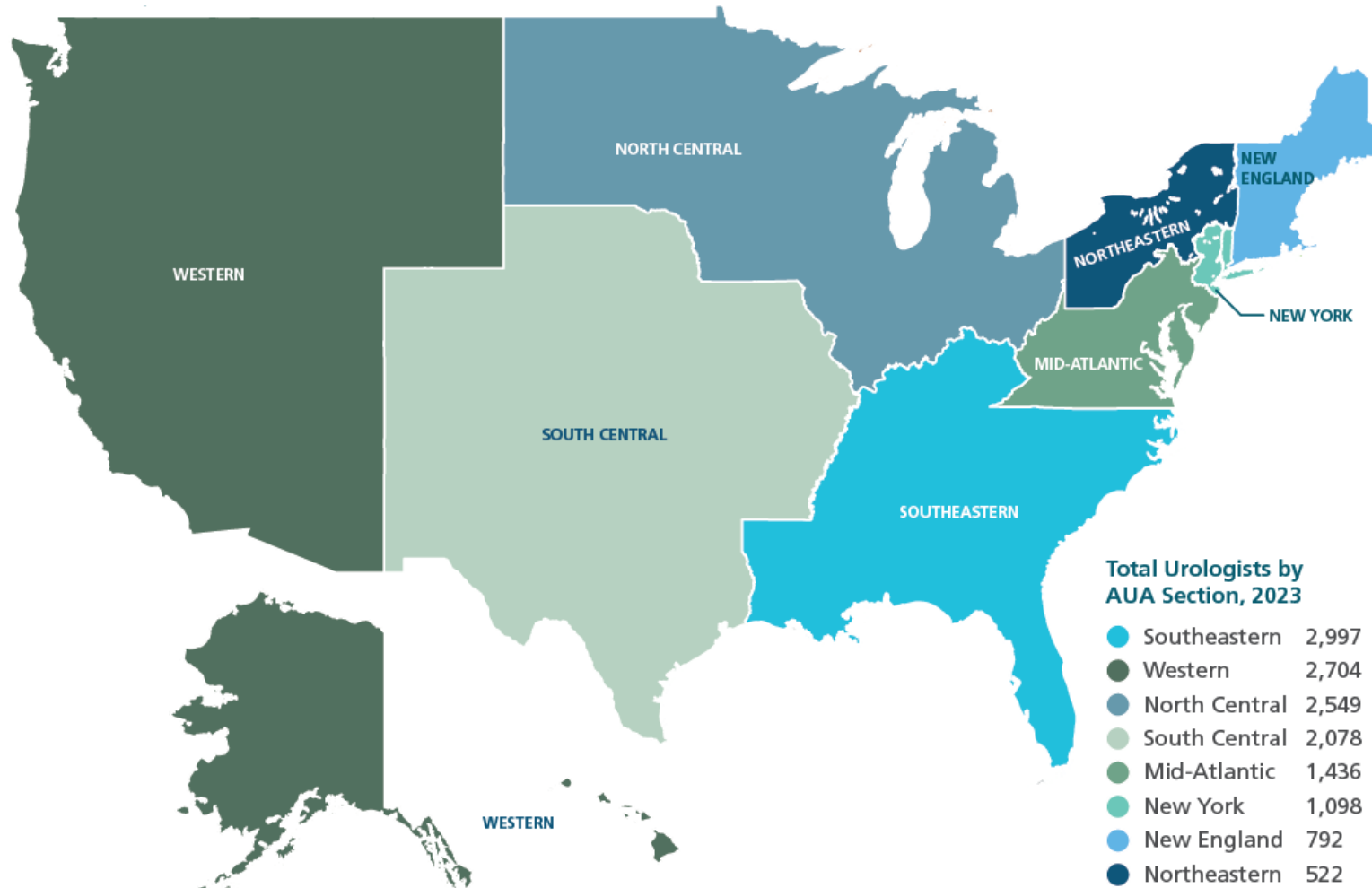
## 2023 Census Response Rates

AUA Section	Total Number of Practicing Urologists	Census Participants	
		Number	Percent (%)
Mid-Atlantic	1,436	168	11.7
New England	792	123	15.5
New York	1,098	166	15.1
North Central	2,549	370	14.5
Northeastern	522	65	12.5
South Central	2,078	297	14.3
Southeastern	2,997	352	11.7
Western	2,704	377	13.9
<b>United States</b>	<b>14,176</b>	<b>1,918</b>	<b>13.5</b>

Data source: 2023 American Urological Association Annual Census.



## U.S. Practicing Urologists Based on Primary Practice Location



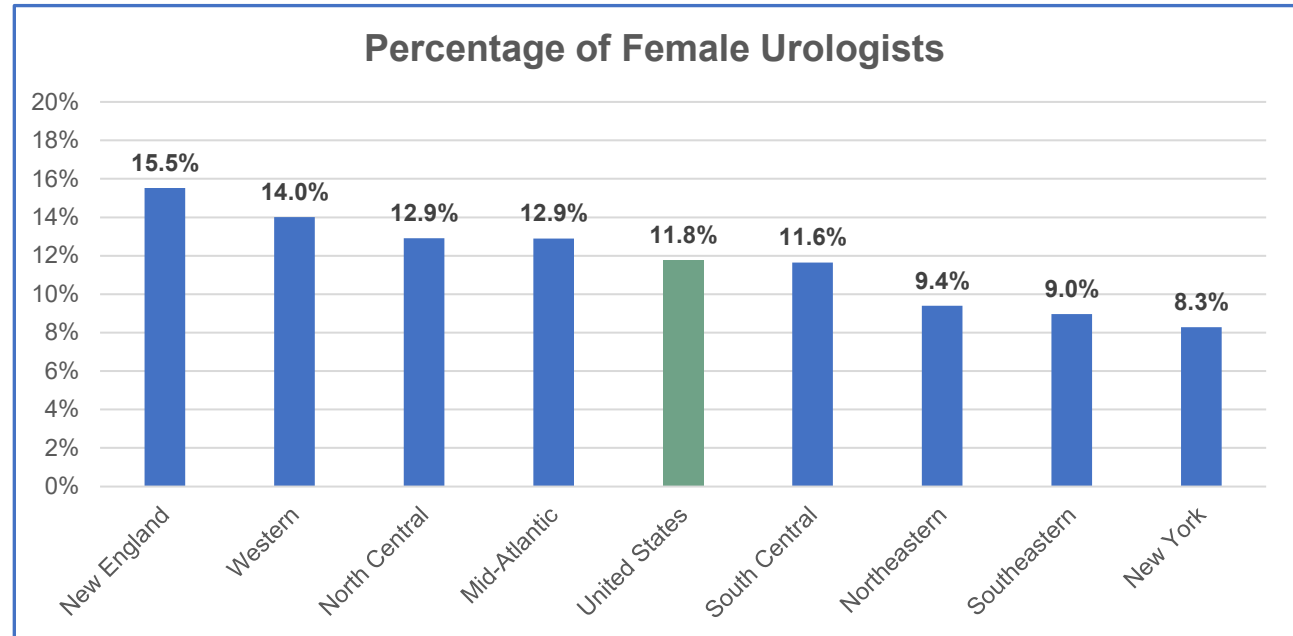
## Age Distribution

AUA Section	Total Number of Practicing Urologists	Average Age (90% CI)	Percent by Age Group			
			<45	45-54	55-64	≥65
Mid-Atlantic	1,436	55.3 (54.1-56.6)	28.0	18.7	20.6	32.7
New England	792	54.2 (52.7-55.7)	29.2	20.6	23.5	26.7
New York	1,098	56.5 (55.4-57.6)	25.0	17.3	25.4	32.3
North Central	2,549	53.6 (52.6-54.5)	32.5	20.8	20.9	25.8
Northeastern	522	56.1 (54.9-57.3)	28.4	18.9	20.3	32.4
South Central	2,078	53.8 (53.0-54.5)	31.7	22.4	20.8	25.1
Southeastern	2,997	55.5 (54.7-56.2)	27.3	18.4	23.2	31.1
Western	2,704	55.0 (54.2-55.8)	27.1	22.9	21.2	28.8
<b>United States</b>	<b>14,176</b>	<b>54.8 (54.4-55.2)</b>	<b>28.9</b>	<b>20.3</b>	<b>21.9</b>	<b>28.9</b>

Data source: 2023 American Urological Association Annual Census. 90% CI represents the 90% confidence interval for average age.

## Female Urologists

AUA Section	Total Number of Practicing Urologists	Female Urologists	
		Number	Percent (%)
Mid-Atlantic	1,436	185	12.9
New England	792	123	15.5
New York	1,098	91	8.3
North Central	2,549	329	12.9
Northeastern	522	49	9.4
South Central	2,078	242	11.6
Southeastern	2,997	269	9.0
Western	2,704	379	14.0
<b>United States</b>	<b>14,176</b>	<b>1,667</b>	<b>11.8</b>

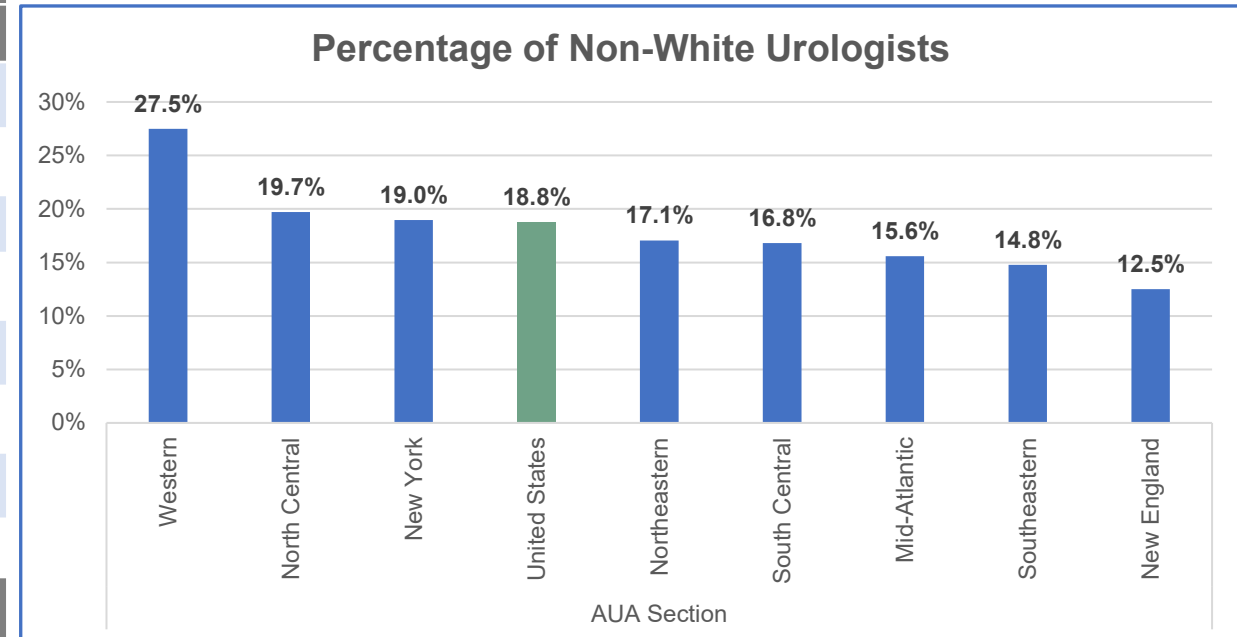


Data source: 2023 American Urological Association Annual Census.



## Non-White Urologists

AUA Section	Total Number of Practicing Urologists	Non-White Urologists	
		Number	Percent (%)
Mid-Atlantic	1,398	218	15.6
New England	741	93	12.5
New York	1,039	197	19.0
North Central	2,418	477	19.7
Northeastern	484	83	17.1
South Central	2,007	338	16.8
Southeastern	2,837	419	14.8
Western	2,575	708	27.5
<b>United States</b>	<b>13,498</b>	<b>2,532</b>	<b>18.8</b>

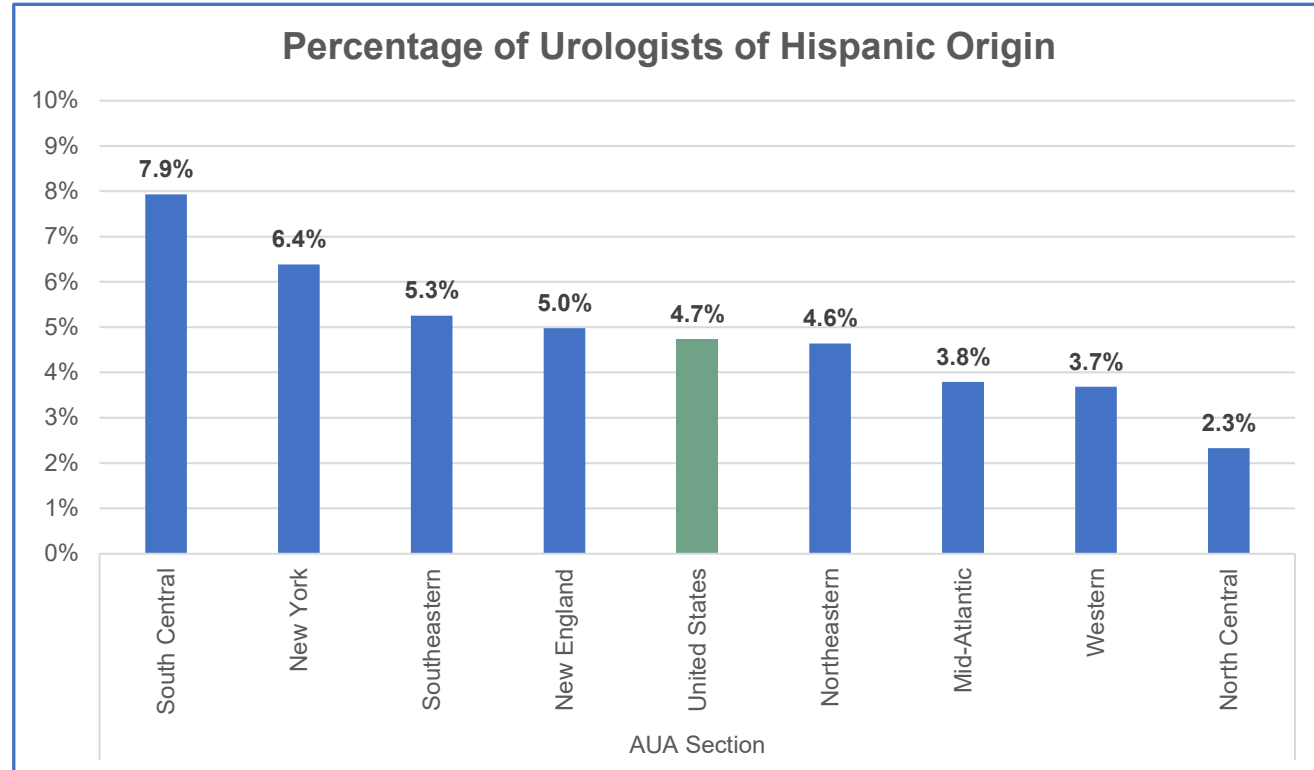


Data source: 2023 American Urological Association Annual Census.

Non-white includes those who reported their race as African American/Black, Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaskan Native, and those who reported multiple races; Respondents who did not report their race were excluded.

## Urologists of Hispanic Origin

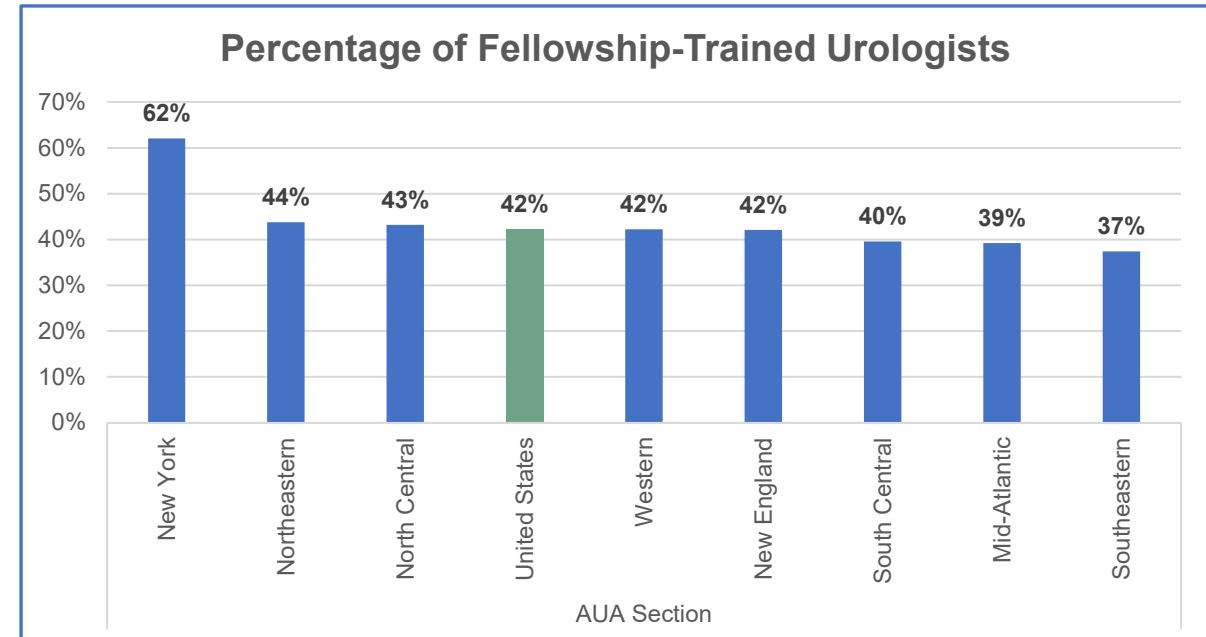
AUA Section	Total Number of Practicing Urologists	Urologists of Hispanic Origin	
		Number	Percent (%)
Mid-Atlantic	1,412	54	3.8
New England	755	38	5.0
New York	1,080	69	6.4
North Central	2,470	57	2.3
Northeastern	505	23	4.6
South Central	2,042	162	7.9
Southeastern	2,924	154	5.3
Western	2,622	97	3.7
<b>United States</b>	<b>13,811</b>	<b>653</b>	<b>4.7</b>



Data source: 2023 American Urological Association Annual Census.  
Excludes those who did not report their ethnicity.

## Fellowship-Trained Urologists

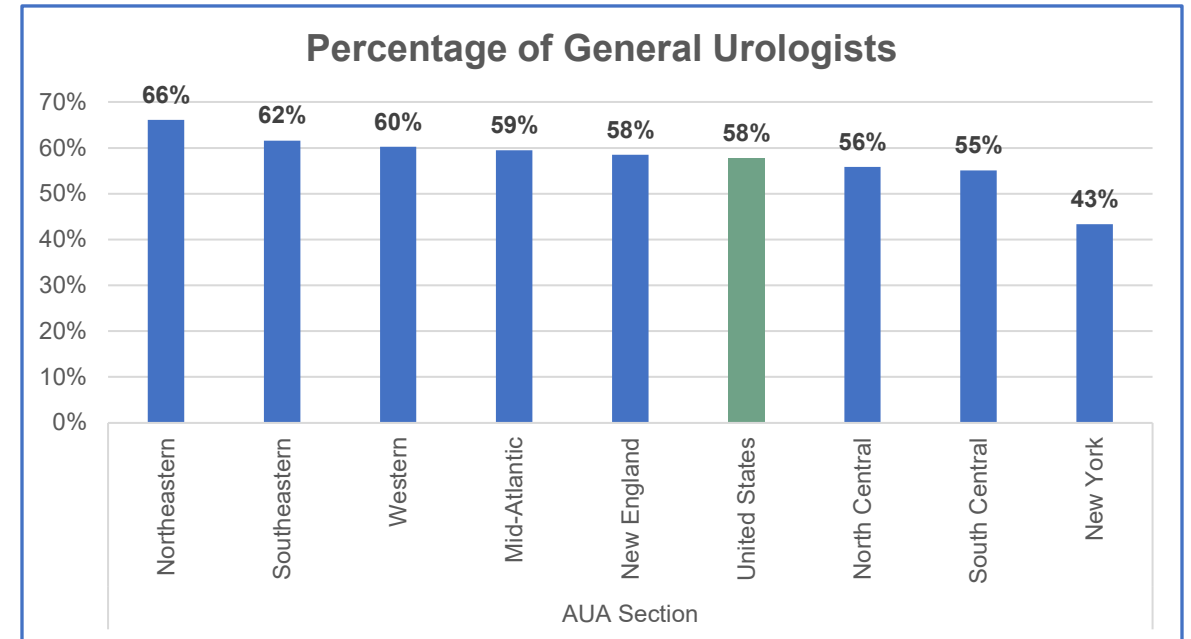
AUA Section	Total Number of Practicing Urologists	Fellowship-Trained	
		Number	Percent (%)
Mid-Atlantic	1,409	553	39.2
New England	774	326	42.1
New York	1,076	668	62.1
North Central	2,523	1,091	43.2
Northeastern	522	228	43.8
South Central	2,035	805	39.5
Southeastern	2,932	1,096	37.4
Western	2,641	1,115	42.2
<b>United States</b>	<b>13,911</b>	<b>5,882</b>	<b>42.3</b>



Data source: 2023 American Urological Association Annual Census.  
Excludes those who did not report their fellowship training status.

## General Urologists

AUA Section	Total Number of Practicing Urologists	General Urologists	
		Number	Percent (%)
Mid-Atlantic	1,436	854	59.5
New England	792	463	58.5
New York	1,098	476	43.4
North Central	2,549	1,424	55.9
Northeastern	522	345	66.1
South Central	2,078	1,145	55.1
Southeastern	2,997	1,846	61.6
Western	2,704	1,629	60.2
<b>United States</b>	<b>14,176</b>	<b>8,183</b>	<b>57.7</b>

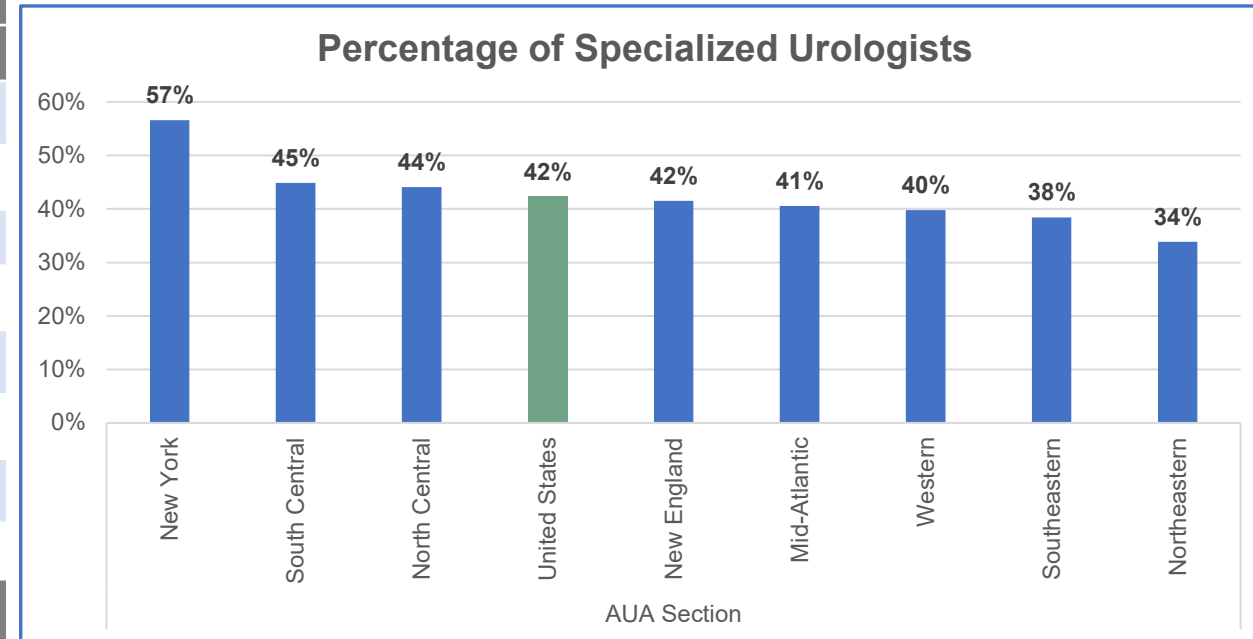


Data source: 2023 American Urological Association Annual Census.

General urologists includes those who selected "General without subspecialty" when asked to report their primary subspecialty.

## Specialized Urologists

AUA Section	Total Number of Practicing Urologists	Specialized Urologists	
		Number	Percent (%)
Mid-Atlantic	1,436	1093	45.2
New England	792	625	47.6
New York	1,098	835	46.5
North Central	2,549	1991	45.1
Northeastern	522	432	42.0
South Central	2,078	1727	42.0
Southeastern	2,997	2316	36.0
Western	2,704	2121	38.3
<b>United States</b>	<b>14,176</b>	<b>11,140</b>	<b>41.6</b>

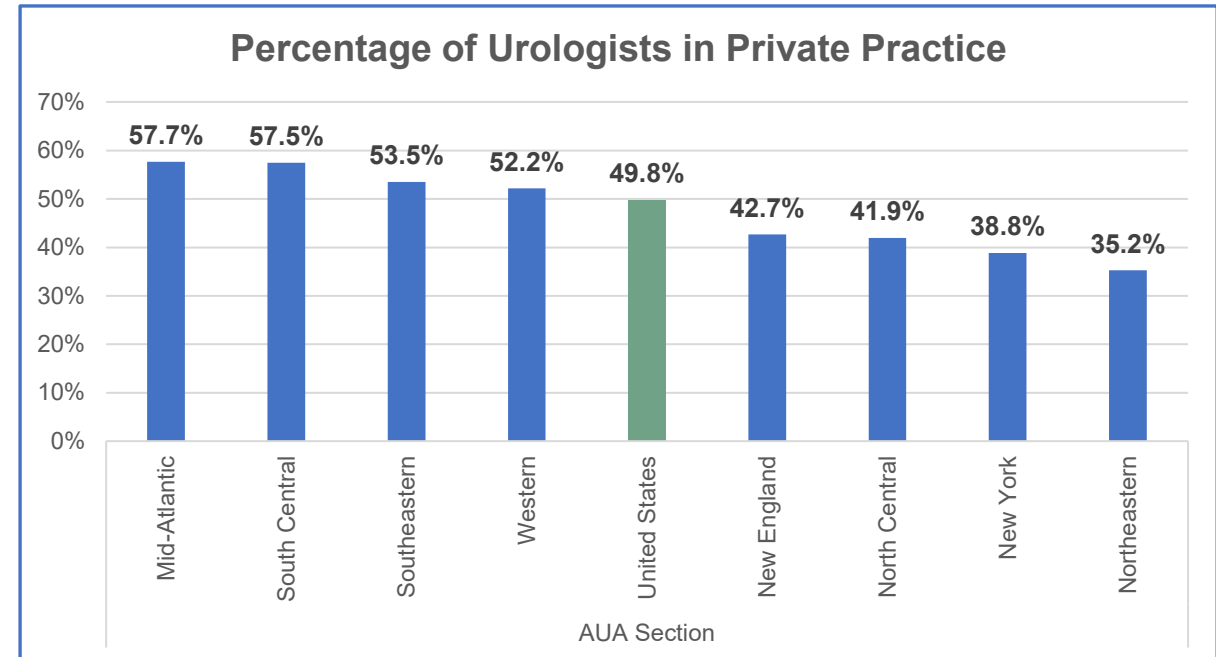


Data source: 2023 American Urological Association Annual Census.  
Specialized urologists includes those who reported any primary subspecialty areas.

## Urologists in Private Practice

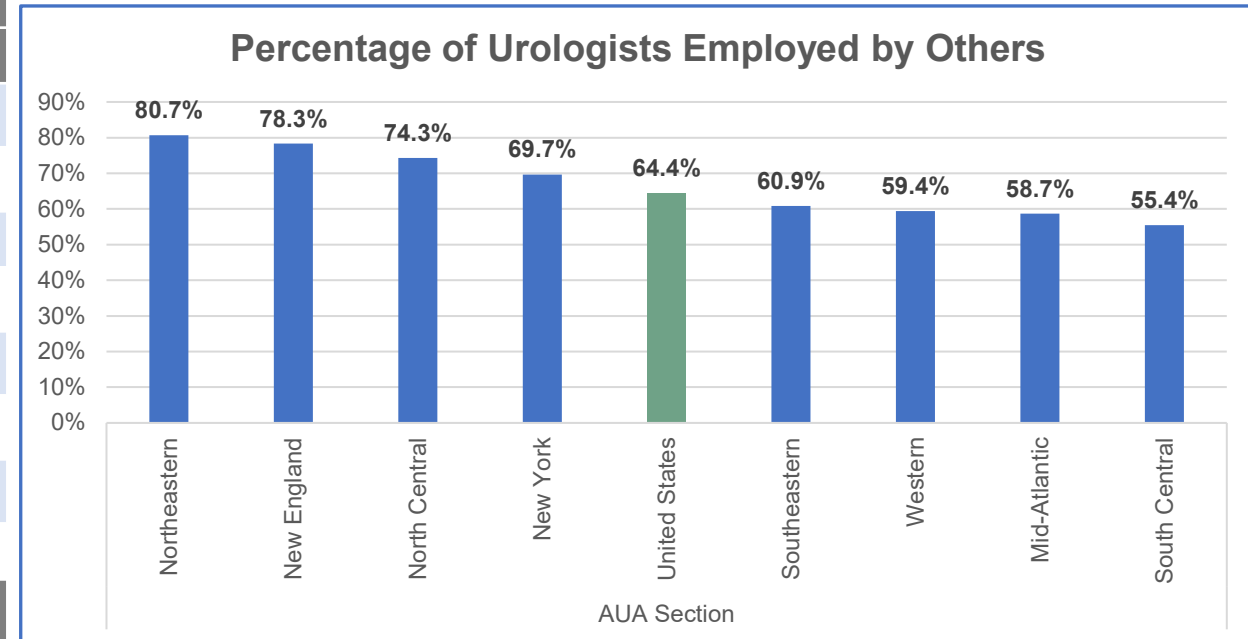
AUA Section	Total Number of Practicing Urologists	Private Practice Urologists	
		Number	Percent (%)
Mid-Atlantic	1,436	828	57.7
New England	792	338	42.7
New York	1,098	426	38.8
North Central	2,549	1,069	41.9
Northeastern	522	184	35.2
South Central	2,078	1,194	57.5
Southeastern	2,997	1,604	53.5
Western	2,704	1,412	52.2
<b>United States</b>	<b>14,176</b>	<b>7,055</b>	<b>49.8</b>

Data source: 2023 American Urological Association Annual Census.



## Urologists Employed by Others

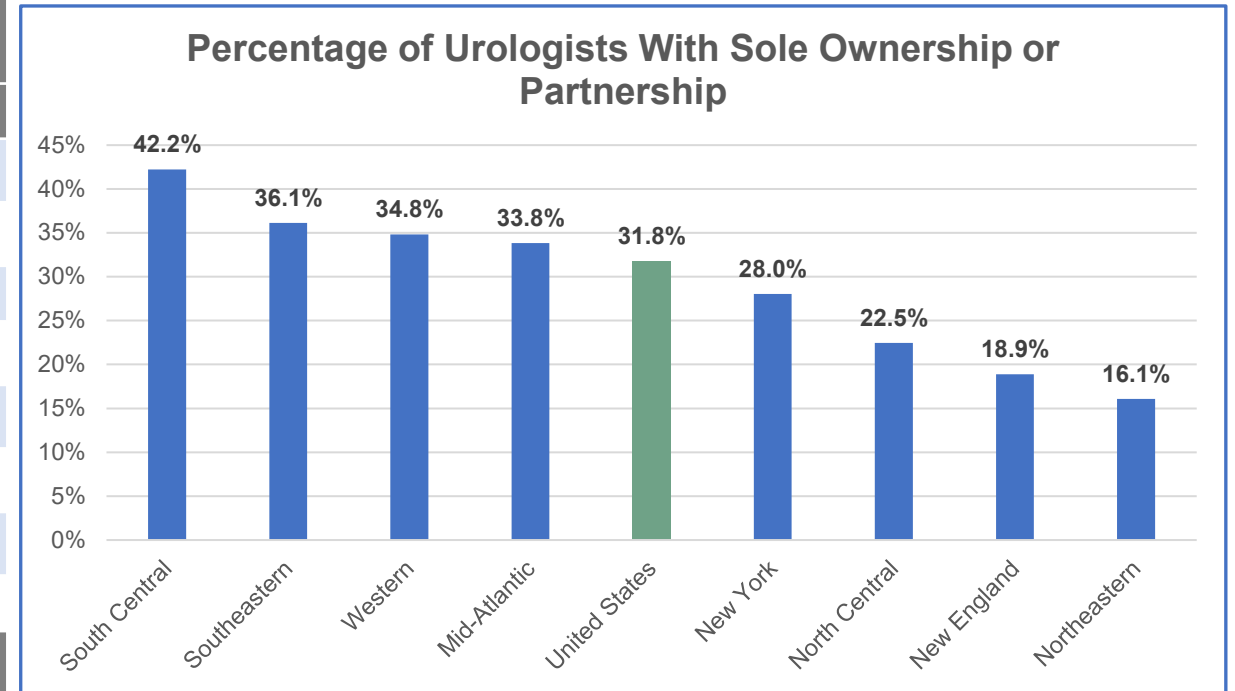
AUA Section	Total Number of Practicing Urologists	Employed Urologists	
		Number	Percent (%)
Mid-Atlantic	1,436	842	58.7
New England	792	620	78.3
New York	1,098	765	69.7
North Central	2,549	1,893	74.3
Northeastern	522	421	80.7
South Central	2,078	1,152	55.4
Southeastern	2,997	1,825	60.9
Western	2,704	1,608	59.4
<b>United States</b>	<b>14,176</b>	<b>9,127</b>	<b>64.4</b>



Data source: 2023 American Urological Association Annual Census.

## Urologists With Sole Ownership or Partnership

AUA Section	Total Number of Practicing Urologists	Urologists With Sole Ownership or Partnership	
		Number	Percent (%)
Mid-Atlantic	1,436	486	33.8
New England	792	150	18.9
New York	1,098	308	28.0
North Central	2,549	572	22.5
Northeastern	522	84	16.1
South Central	2,078	877	42.2
Southeastern	2,997	1,083	36.1
Western	2,704	941	34.8
<b>United States</b>	<b>14,176</b>	<b>4,501</b>	<b>31.8</b>



Data source: 2023 American Urological Association Annual Census.



## Number of Hours Worked per Week

AUA Section	Total Number of Practicing Urologists	Clinical Work Hours		Total Work Hours	
		Average Hours	90% CI	Average Hours	90% CI
Mid-Atlantic	1,436	46.3	43.9-48.8	54.2	51.6-56.8
New England	792	45.8	42.9-48.7	53.0	49.5-56.5
New York	1,098	48.2	45.9-50.6	57.5	55.2-59.9
North Central	2,549	45.6	43.8-47.4	53.9	52.0-55.8
Northeastern	522	49.7	45.0-54.4	57.9	53.0-62.9
South Central	2,078	46.9	44.8-48.9	54.4	52.3-56.6
Southeastern	2,997	47.5	45.7-49.3	55.6	53.7-57.6
Western	2,704	43.6	41.8-45.4	52.1	50.1-54.1
<b>United States</b>	<b>14,176</b>	<b>46.3</b>	<b>45.5-47.0</b>	<b>54.4</b>	<b>53.6-55.3</b>

Data source: 2023 American Urological Association Annual Census. 90% CI represents the 90% confidence interval for average hours.

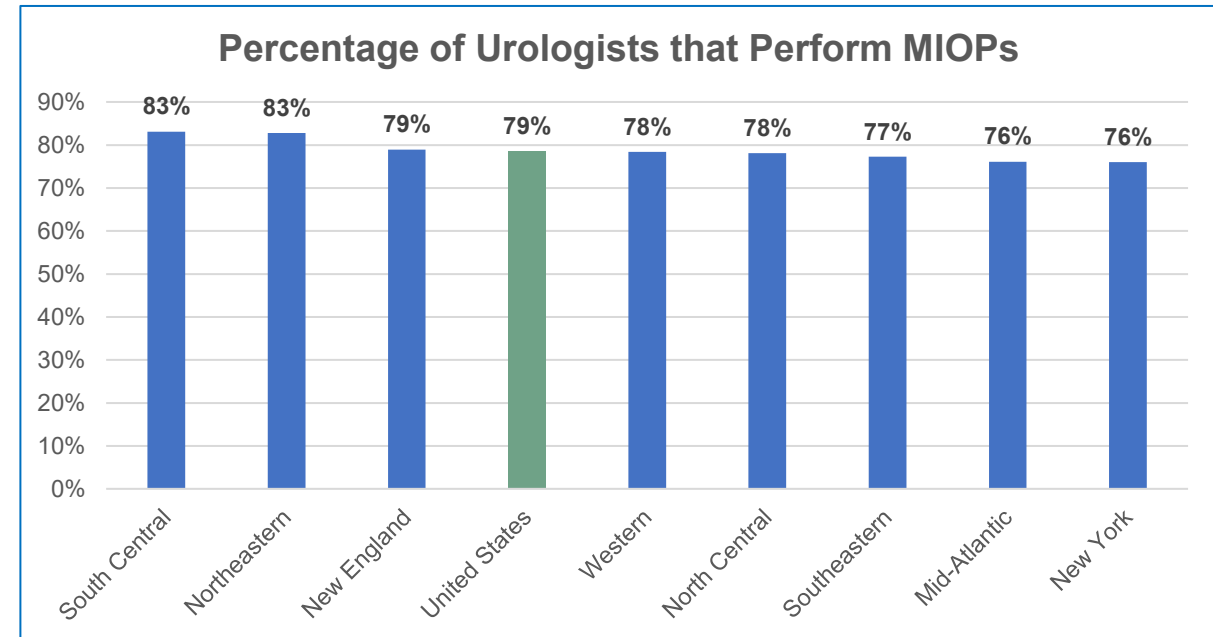
## Number of Patient Encounters per Week

AUA Section	Total Number of Practicing Urologists	Number of Patient Encounters per Week	
		Average Encounters	90% CI
Mid-Atlantic	1,436	76.9	72.9-80.9
New England	792	72.5	68.1-76.9
New York	1,098	76.9	72.7-81.1
North Central	2,549	65.4	62.5-68.3
Northeastern	522	72.7	67.8-77.7
South Central	2,078	75.4	72.1-78.7
Southeastern	2,997	78.8	76.1-81.6
Western	2,704	66.7	63.7-69.7
<b>United States</b>	<b>14,176</b>	<b>72.7</b>	<b>71.4-73.9</b>

Data source: 2023 American Urological Association Annual Census. 90% CI represents the 90% confidence interval for average patient encounters per week.

## Performs Major Inpatient Operations

AUA Section	Total Number of Practicing Urologists	Performs MIOPs	
		Number	Percent (%)
Mid-Atlantic	1,436	641	45.2
New England	792	364	47.6
New York	1,098	493	46.5
North Central	2,549	1,120	45.1
Northeastern	522	220	42.0
South Central	2,078	838	42.0
Southeastern	2,997	1,039	36.0
Western	2,704	1,018	38.3
<b>United States</b>	<b>14,176</b>	<b>5,734</b>	<b>41.6</b>

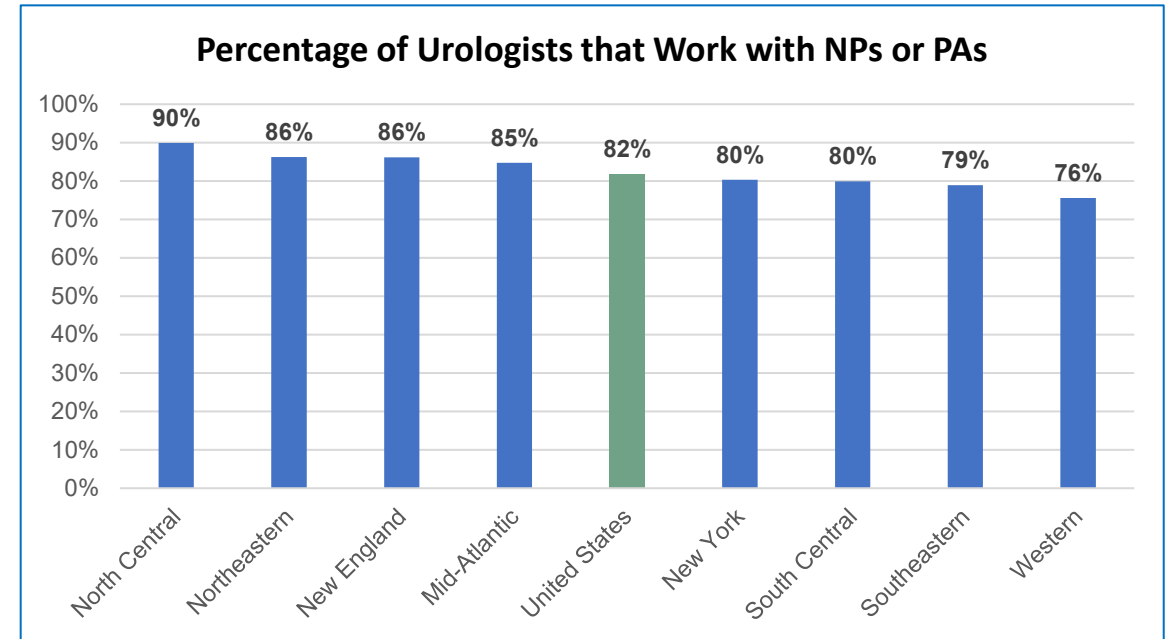


Data source: 2023 American Urological Association Annual Census.

## Works with At Least 1 Nurse Practitioner or Physician Assistant

AUA Section	Total Number of Practicing Urologists	Works with NP or PA	
		Number	Percent (%)
Mid-Atlantic	1,436	1183	84.7
New England	792	668	86.2
New York	1,098	796	80.3
North Central	2,549	2224	89.9
Northeastern	522	424	86.2
South Central	2,078	1634	79.9
Southeastern	2,997	2327	78.9
Western	2,704	2027	75.6
<b>United States</b>	<b>14,176</b>	<b>11,283</b>	<b>81.7</b>

Data source: 2023 American Urological Association Annual Census.





**Census Resources** available online include data dictionaries/questions asked, annual Census reports, and previous projects (links to abstracts and publications).

**AUA Statistical Services** offers members and stakeholders of the urologic community the opportunity to access urology-specific data and state-of-the-art statistical methodology. Using your own data sources or AUA data (including Census and AQUA Registry data), AUA statisticians can help you gain detailed insights, create abstracts for conference presentation and papers for journal publication, and transform urologic care through evidence-based research.

Visit [AUAnet.org/research-and-data/data-and-statistical-services](https://AUAnet.org/research-and-data/data-and-statistical-services) or email [dataservices@AUAnet.org](mailto:dataservices@AUAnet.org) to learn more!

## Access AUA Census Data Through the Data Research Program



To connect the urology research community to vast AUA data and resources in order to address key knowledge gaps and emerging questions related to urological care delivery, workforce development and health policy.

### AUA Support and Benefits

- Access to **AUA Census** or **AQUA Clinical Registry** Data through AUA Statisticians
- Research and Statistical Expertise and Analytic Support
- Abstract and Manuscript Support
- \$2,000 in Dissemination Support (publication expenses or conference presentation)

### Program Description

- All AUA members are eligible to apply
- **Two** clinical projects and **four** workforce projects selected each year.
- LOIs and applications reviewed by a Scientific Review Panel (AUA Data Committee members)
- Visit the Data Research Program website [AUAnet.org/DataResearchProgram](https://AUAnet.org/DataResearchProgram)