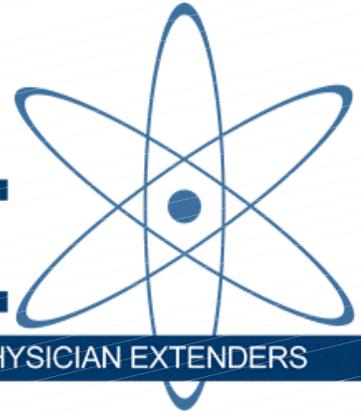


**SRPE**



SOCIETY OF RADIOLOGY PHYSICIAN EXTENDERS

# **Radiologist Assistant Compensation and Practice Survey**

# 2018

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## Executive Summary

The definition of a Radiologist Assistant (RA) is an individual who is certified by the American Registry of Radiologic Technologists (ARRT) as a Registered Radiologist Assistant (RRA) and/or certified by the Certification Board for Radiology Practitioner Assistants (CBRPA) as a Radiology Practitioner Assistant (RPA).

The survey was printed and distributed to all attendees who are certified RAs at the 2018 Society of Radiology Physician Extenders (SRPE) Annual Educational Conference at Harrah's Resort and Casino in Las Vegas, Nevada on April 18- 21, 2018. At the conference, 128 surveys were distributed with 118 returned. An invitation to participate in the online survey was then sent through SurveyMonkey.com via email to 420 RAs in the SRPE database on July 17, 2018. RAs who received the survey at the conference were excluded from the email distribution list. The online survey closed on September 1, 2018 and 177 respondents completed the online survey. The total number of surveys distributed was 548 with 295 for a response rate of 53.83%. Twelve surveys were incomplete and removed from the calculations for a total of 283 complete and valid surveys.

Verbatim responses to open-ended questions were not included in this report, but can be provided upon written request.

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## Compensation and Benefits

Overall mean annual full-time compensation for RAs across the nation, averaged for all positions was \$107,636.38.

- States with the highest reported mean annual full-time compensation for RAs across all current positions are New Hampshire (\$141,000), Kentucky (\$133,000), and California (\$130,480)
- States with the lowest reported mean annual full-time compensation for RAs across all current positions are Vermont (\$75,000), South Carolina (\$80,000), and Mississippi (\$83,600.00).

When data is filtered into those practicing as a RA and those who are not currently practicing as a RA, the overall mean annual full-time compensation for those practicing as a RA was \$111,925.57.

For those who are not currently practicing as an RA, the overall mean annual full-time compensation was \$90,397.12.

RAs responding to the survey indicated the radiology/physician group (39.6%) was their main employer, followed by the hospital (35.7%). Most respondents indicated their current position as staff RA (55.1%). Most respondents practice in not-for-profit hospitals (49.1%) with the highest number practicing in facilities with 500 or more beds (25.1%). Most respondents are not on call (84.9%) and do not rotate between different facilities or clinics (56.9%).

Respondents were asked about the benefits they receive. Respondents stated their employers were most likely to provide medical insurance (94.5%), retirement/pension (90.5%), dental insurance (85.8%), and vision insurance (76.7%). Respondents indicated that continuing education (CE) assistance/conference attendance (71.3%) and professional association dues (52.7%) were provided. Tuition assistance was provided to 42.5% of respondents.

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A majority of respondents reported they receive five or more weeks (45.4%) of paid time off (PTO) a year.

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### Practice Analysis

Currently, 77.7% of respondents were practicing in the RA role (staff RA, lead RA or supervising RA). There were 20.1% of respondent who were not practicing as RAs. There were 0.7% of respondents who were retired and 1.4% who were not currently employed.

Of those respondents who are currently working in the RA role:

- Consider their practice both procedural based (procedure performance, protocoling procedures, etc.) and clinical based (patient management, patient consult, etc.)(40.6%).
- Work in the diagnostic imaging area (42.2%)

The respondents consider their practice both clinical and procedural based (40.6%). Those respondents practicing as RAs, primarily practice in the diagnostic imaging (42.2%) area.

Respondents perform a wide variety of procedures with the most common being:

- Upper Gastrointestinal (GI) Series (63.6%)
- Esophagram and Small Bowel Follow Through (63.2%)
- Barium enema (62.1%)
- Voiding cystourethrogram (VCUG)/ Cystography (60%)
- Modified Barium Swallow (55%)

The least common procedures respondents perform:

- Vein Therapy/ Sclerotherapy (4.6%)
- AV graft declot/ Thrombolysis (8.2%)
- IVC filter placement (11.8%)

Respondents also indicated performing patient management activities with the most common being:

- Participate in informed consent (74.6%)
- Administer contrast, medications, and radiopharmaceuticals as prescribed (72.8%)
- Participate in patient education (72.4%)
- Review imaging procedures, make initial observations, and communicate observations to radiologist (72%)
- Provide physician prescribed pre and post-care instructions (69.2%)

The least common patient management activities respondent perform:

- Participate in the administration of moderate (conscious) sedation (18.3%)
- Research (19.0%)
- Observe and assess patient who has received moderate (conscious) sedation (24.4%)

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## Demographics

The average respondent to the survey:

- Is male (55.1%).
- Is 41-50 years of age (42.4%).
- Has obtained a Bachelor's degree (49.5%).
- Has been a RA for 11 to 15 years (37.1%).
- Has worked in medical imaging/radiology for 21 to 25 years (25.1%).
- Is currently working as a RA (77.7%) with the current position as a staff RA (55.1%).
- Is employed full time (32 or more hours/week) (92.6%).
- Is employed by a radiology/physician group (39.6%) and practice in a not-for-profit hospital (49.1%) with 500 or more beds (25.1%).
- Does not take call as a RA (84.9%). Of the 15.1% of respondents who take call, 31.7% take call 4 to 6 days a month.
- Does not rotate between different hospitals/clinics as a RA (56.9%). Of the 43.1% who do rotate between hospitals/clinics, 39.6% rotate between two hospitals/clinics.

All RAs hold a primary certification as a radiologic technologist from the ARRT in radiography (RT(R)) as a prerequisite to obtaining an advanced practice certification. Respondents were asked to select their advanced practice certification:

- Registered Radiologist Assistant (RRA) only (36.7%)
- Radiology Practitioner Assistant (RPA) only (25.1%)
- Dual Certified RRA and RPA (38.2%)

Respondents were asked to select additional post primary certifications. The top five certifications were:

- Computed tomography (CT) (ARRT) (31.1%)
- Magnetic resonance (MR) (ARRT) (12%)
- Cardiovascular (CV) (ARRT) (11.7%)
- Mammography (M) (ARRT) (11.3%)
- Vascular Interventional (VI) (ARRT) (8.5%)

## Inactive Demographics

The survey also included some questions that specifically target RAs not currently practicing as RAs.

Among the 20.1% RA respondents who are currently not practicing in the RA role, 38.1% are working as staff radiologic technologists. Respondents who are not practicing as RAs are currently working in interventional radiology (20.3%) or diagnostic imaging (17.2%).

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## Introduction

The Society of Radiology Physician Extenders (SRPE) is a society for Radiologist Assistants (RAs) who are Registered Radiologist Assistants (RRAs) certified by the American Registry of Radiologic Technologists (ARRT) and Radiology Practitioner Assistants (RPAs) certified by the Certification Board for Radiology Practitioner Assistants (CBRPA). The Society was founded in 1998 and has grown to over 170 members. The purpose of this Society shall be to advance the profession of mid-level radiology, to assist in maintaining high standards of education and training, to elevate the quality of patient care, and to improve the public awareness of mid-level radiology professionals. These purposes shall not be restricted by any consideration of nationality, race, color, sex, or creed.

The definition of a Radiologist Assistant (RA) is an individual who is certified by the ARRT as a RRA and/or certified by the CBRPA as RPA. The RRA or RPA credential is awarded to those who are ARRT registered radiologic technologists with a certification in radiography (RT(R)), completed a RA program with a nationally recognized RA curriculum, completed all the clinical competency requirements under a radiologist preceptorship, and passed a national certification examination.

The objective of this study is to measure income, benefits, practice types, and duties of the RA at the national level. The primary purpose of this year's compensation and practice survey is to examine current trends and develop a baseline for future compensation and practice evaluations for RAs.

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## Methodology

The SRPE created the survey questionnaire, distributed the surveys, and performed the data analysis. The research methodology was based on the American Society of Radiologic Technologists (ASRT) Wage and Salary Survey and the ASRT RA Practice Survey with variations.

The survey was printed and distributed to all attendees who are RRA and/or RPA certified RAs at the 2018 SRPE Annual Educational Conference at Harrah's Resort and Casino in Las Vegas, Nevada on April 18- 21, 2018. At the conference, 128 surveys were distributed with 118 returned. An invitation to participate in the online survey was then sent through SurveyMonkey.com via email to 420 RAs in the SRPE database on July 17, 2018. RAs who received the survey at the conference were excluded from the email distribution list. The online survey closed on September 1, 2018 and 177 RAs completed the online survey. The total number of surveys distributed was 548 with 295 for a response rate of 53.83%. Twelve surveys were incomplete and removed from the calculations for a total of 283 complete and valid surveys.

There were no incentives to participate given to respondents. Respondents were notified that the completion of the survey is voluntary; their identity, privacy, and confidentiality will not be compromised; and all results will remain anonymous. Consent to participate in the study is implied when the respondent submitted the survey.

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## Considerations

### Primary dependent variable: Annualized Compensation

Compensation data was collected as either a base annual salary or a base hourly wage. In order to simplify the reporting of this data, base hourly wage data was converted to a base annual compensation figure as: **base annual compensation = reported base hourly wage \* 2080**

***To determine hourly wage, base annual compensation/2080 (or number of hours worked per year)***

### Data Reliability

Responses were examined for logically impossible or implausible values. Such implausible values were assigned a code and omitted from computation of descriptive statistics. The number of responses to individual items varies due to differing response rates or due to data being removed implausibility or inconclusive data.

The following implausibility criteria was used:

**Number of years in the medical imaging profession:** Considered implausible if the response implied that the respondent entered the profession before the age of 18.

**Number of years as a RA:** Considered implausible if the years as an RA were greater than the years in the medical imaging profession.

**Base annual salary:** Considered implausible if the FTE <\$22,000; or over \$250,000.

**Base hourly wage:** Considered implausible if less than \$10/hour or greater than \$200/hour.

An error was discovered in the survey after distribution. In the survey, the age ranges of 31-35 years and 36-40 years were combined into 31-40 years age range. Therefore, responses in the 5-year age categories from the survey were combined into 10-year ranges for the report.

### Margin of Error

There is a total of 658 RAs in the U.S. and Canada according to the ARRT and CBRPA registries. A total of 283 individuals who are RAs certified either by the ARRT or the CBRPA completed the survey. This sample size yields a  $\pm 4.4\%$  margin of error for overall percentages at the 95% confidence interval. The standard deviation of the base annual compensation for the 261 RAs employed in a full-time position is \$24,911 so the estimate of the mean base annual compensation of \$107,636, for these respondents has a 95% chance of being  $\pm \$3,639.90$  of the actual mean for all ARRT or CBRPA certified RAs.

The margin of error increases as the sample is further divided into subgroups. For a subgroup of 50 RAs, the margin of error would be  $\pm 13.3\%$ . A subgroup of 10 RAs would increase the margin of error to  $\pm 30.7\%$ .

*Some percentages may not calculate to 100% due to rounding.*

## The Report

The report summarizes the results for each question in the survey. The compensation information is divided by currently practicing as a RA, job position, employment status, workplace, education, years in the profession, and state. The report also summarizes the procedures and patient management activities performed by RAs.

## Annual Compensation

*Annual Compensation = reported base annual salary or 2080\*(reported base hourly wage). To determine hourly wage, annual compensation/2080 (or number of hours worked per year).*

### Annual Compensation for Practicing RA Based on Current Position & Employment Status

Practicing as a RA	Current position	Employment status	Mean	Std. Deviation	Median	N	% of Total N (274)	
Yes	Staff RA	Full-time	\$110,276.26	\$19,959.05	\$105,000.00	149	54.4%	
		Part-time	\$74,120.00	\$31,635.30	\$92,200.00	5	1.8%	
		PRN	\$90,000.00	.	\$90,000.00	1	0.4%	
		<b>Total</b>	<b>\$108,979.11</b>	<b>\$21,266.36</b>	<b>\$105,000.00</b>	<b>155</b>	<b>56.6%</b>	
	Lead RA	Full-time	\$115,739.13	\$24,158.44	\$110,000.00	46	16.8%	
		Part-time	\$88,500.00	\$13,625.96	\$87,000.00	4	1.5%	
		<b>Total</b>	<b>\$113,560.00</b>	<b>\$24,557.65</b>	<b>\$110,000.00</b>	<b>50</b>	<b>18.2%</b>	
	Supervisor/ Administrator RA	Full-time	\$116,948.71	\$29,850.67	\$120,000.00	14	5.1%	
	<b>Total</b>	<b>Total</b>	Full-time	\$111,925.57	\$21,731.82	\$107,000.00	209	76.3%
			Part-time	\$80,511.11	\$25,049.17	\$92,200.00	9	3.3%
PRN			\$90,000.00	.	\$90,000.00	1	0.4%	
<b>Total</b>			<b>\$110,534.45</b>	<b>\$22,685.63</b>	<b>\$105,000.00</b>	<b>219</b>	<b>79.9%</b>	

### Annual Compensation for Non-Practicing RA Based on Current Position & Employment Status

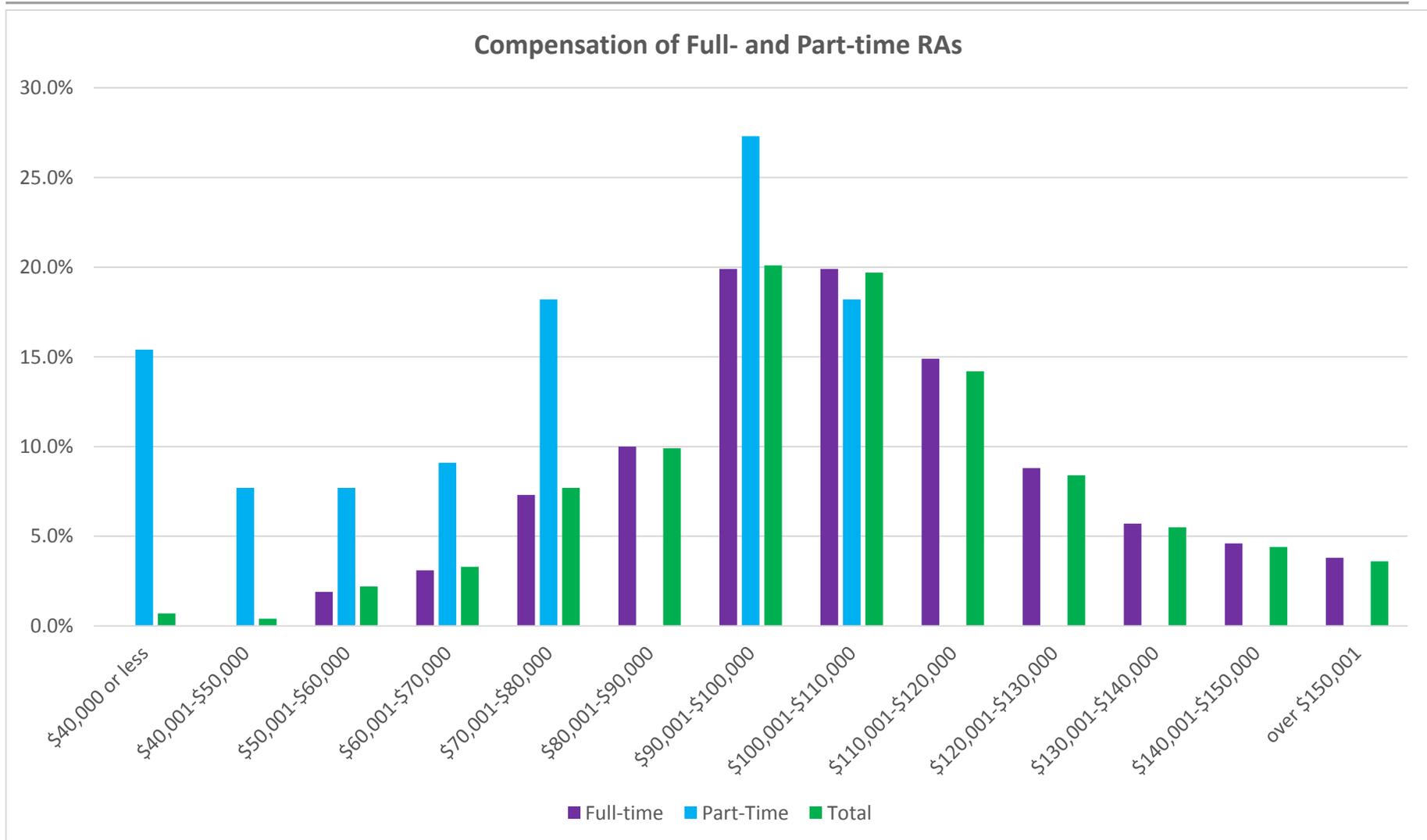
Practicing as a RA	Current position	Employment status	Mean	Std. Deviation	Median	N	% of Total N (274)
No	Staff technologist	Full-time	\$78,478.26	\$15,856.94	\$75,000.00	23	8.4%
		Part-time	\$53,000.00	.	\$53,000.00	1	0.4%
		Total	\$77,416.67	\$16,357.20	\$75,000.00	24	8.8%
	Lead technologist	Full-time	\$84,500.00	\$9,539.39	\$84,000.00	4	1.5%
		Part-time	\$65,000.00	.	\$65,000.00	1	0.4%
		Total	\$80,600.00	\$12,012.49	\$78,000.00	5	1.8%
	Supervisor/ Administrator	Full-time	\$118,120.00	\$44,643.90	\$105,000.00	10	3.6%
	Instructor/ Faculty	Full-time	\$90,464.29	\$20,824.88	\$95,000.00	7	2.6%
	Corporate/ Sales/ Clinical Applications	Full-time	\$127,500.00	\$10,606.60	\$127,500.00	2	0.7%
	Other	Full-time	\$81,366.67	\$24,591.19	\$80,500.00	6	2.2%
		PRN	\$30,000.00	.	\$30,000.00	1	0.4%
		Total	\$74,028.57	\$29,679.49	\$67,000.00	7	2.6%
	Total	Full-time	\$90,397.12	\$29,310.79	\$83,500.00	52	19.0%
		Part-time	\$59,000.00	\$8,485.28	\$59,000.00	2	0.7%
		PRN	\$30,000.00	.	\$30,000.00	1	0.4%
<b>Total</b>		<b>\$88,157.27</b>	<b>\$30,194.03</b>	<b>\$83,000.00</b>	<b>55</b>	<b>20.1%</b>	

### Overall Annual Compensation Based on All Positions & Employment Status

Employment Status	Mean	Std. Deviation	Median	N	% of Total N (274)
Employed, Full-time	\$107,636.38	\$24,911.17	\$105,000.00	261	95.3%
Employed, Part-time	\$76,600.00	\$24,184.46	\$80,000.00	11	4.0%
Employed, PRN	\$60,000.00	\$42,426.41	\$60,000.00	2	0.7%
<b>Total</b>	<b>\$106,042.68</b>	<b>\$25,921.41</b>	<b>\$104,000.00</b>	<b>274</b>	<b>100.0%</b>

### Compensation of Full and Part-time RAs

	Which of the following categories best describes your employment status?		
	Employed, Full-time	Employed, Part-time or PRN	Overall
\$40,000 or less	0%	15.4%	0.7%
\$40,001-\$50,000	0%	7.7%	0.4%
\$50,001-\$60,000	1.9%	7.7%	2.2%
\$60,001-\$70,000	3.1%	7.7%	3.3%
\$70,001-\$80,000	7.3%	15.4%	7.7%
\$80,001-\$90,000	10.0%	7.7%	9.9%
\$90,001-\$100,000	19.9%	23.1%	20.1%
\$100,001-\$110,000	19.9%	15.4%	19.7%
\$110,001-\$120,000	14.9%	0%	14.2%
\$120,001-\$130,000	8.8%	0%	8.4%
\$130,001-\$140,000	5.7%	0%	5.5%
\$140,001-\$150,000	4.6%	0%	4.4%
Over \$150,001	3.8%	0%	3.6%
<b>Total</b>	<b>261</b>	<b>13</b>	<b>274</b>
	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>



### Overall Annual Compensation Based on Employer

<b>Employer</b>	<b>Mean</b>	<b>Std. Deviation</b>	<b>Median</b>	<b>N</b>	<b>% of Total N</b>
Hospital	\$99,129.64	\$23,922.71	\$95,000.00	99	36.1%
Clinic/ Outpatient Center	\$113,909.09	\$28,771.53	\$108,000.00	22	8.0%
Radiology/ Physician Group	\$109,804.55	\$25,113.72	\$105,000.00	112	40.9%
Both Radiology/ Physician Group and Hospital	\$110,690.48	\$30,543.61	\$110,000.00	21	7.7%
Self-employed (contract)	\$132,000.00	.	\$132,000.00	1	0.4%
College/ University/ Educational Institution	\$103,204.55	\$27,073.24	\$102,000.00	11	4.0%
Corporation	\$112,000.00	\$24,819.35	\$117,500.00	6	2.2%
Other	\$87,000.00	\$32,526.91	\$87,000.00	2	0.7%
<b>Total</b>	<b>\$106,042.68</b>	<b>\$25,921.41</b>	<b>\$104,000.00</b>	<b>274</b>	<b>100.0%</b>

## Overall Annual Full-time Compensation by State

State	Mean	Std. Deviation	N	Median
Arizona	\$107,600.00	\$4,827.01	5	\$105,000.00
Arkansas	\$96,142.86	\$35,030.60	7	\$105,000.00
California	\$130,480.00	\$31,988.37	15	\$128,000.00
Colorado	\$111,454.55	\$21,313.68	11	\$105,000.00
Connecticut	\$99,000.00	\$22,627.42	2	\$99,000.00
Florida	\$107,884.62	\$24,886.54	13	\$105,000.00
Georgia	\$109,555.56	\$24,393.19	9	\$120,000.00
Idaho	\$120,000.00	.	1	\$120,000.00
Illinois	\$87,500.00	\$10,606.60	2	\$87,500.00
Indiana	\$103,150.00	\$10,121.62	10	\$102,500.00
Iowa	\$108,500.00	\$21,299.45	4	\$100,500.00
Kansas	\$105,300.00	\$23,193.75	5	\$102,500.00
Kentucky	\$133,000.00	\$24,041.63	2	\$133,000.00
Louisiana	\$110,000.00	.	1	\$110,000.00
Maryland	\$104,750.00	\$23,027.16	4	\$100,000.00
Massachusetts	\$108,937.50	\$11,821.40	8	\$107,500.00
Michigan	\$102,312.50	\$36,919.61	4	\$112,500.00
Minnesota	\$93,300.00	\$15,959.32	5	\$99,000.00
Mississippi	\$83,600.00	\$27,664.06	5	\$71,000.00
Missouri	\$94,075.00	\$13,703.05	8	\$89,050.00
Montana	\$75,000.00	.	1	\$75,000.00
Nevada	\$113,000.00	\$24,041.63	2	\$113,000.00
New Hampshire	\$141,000.00	.	1	\$141,000.00
New Jersey	\$92,333.33	\$20,526.41	3	\$87,000.00
New Mexico	\$98,000.00	.	1	\$98,000.00
New York	\$121,766.67	\$31,385.69	27	\$120,000.00
North Carolina	\$96,364.29	\$15,551.78	14	\$97,500.00
Ohio	\$97,729.33	\$15,435.04	12	\$93,000.00
Oklahoma	\$108,437.50	\$29,424.77	8	\$95,750.00

Overall Annual Full-time Compensation by State Con't

Oregon	\$107,750.00	\$19,579.51	8	\$112,500.00
Pennsylvania	\$98,173.68	\$28,207.29	19	\$93,000.00
South Carolina	\$92,000.00	\$16,970.56	2	\$92,000.00
Tennessee	\$87,460.00	\$27,664.45	11	\$97,760.00
Texas	\$100,602.08	\$20,628.92	24	\$102,500.00
Utah	\$102,000.00	.	1	\$102,000.00
Vermont	\$75,000.00	.	1	\$75,000.00
Virginia	\$112,809.11	\$21,773.78	9	\$114,000.00
Washington	\$126,714.29	\$40,811.41	7	\$120,000.00
Wyoming	\$119,000.00	.	1	\$119,000.00
<b>Total</b>	<b>\$106,042.68</b>	<b>\$25,921.41</b>	<b>274</b>	<b>\$104,000.00</b>

### Overall Average Annual Compensation Based on Education

Highest Degree Received	Mean	Std. Deviation	N	Median
Hospital certificate	\$89,400.00	\$60,245.50	2	\$89,400.00
Associate degree	\$107,066.67	\$23,799.36	18	\$101,000.00
Bachelor's degree	\$108,860.81	\$24,980.38	135	\$105,000.00
Master's degree	\$102,423.54	\$25,906.12	114	\$100,000.00
Doctoral degree	\$119,066.67	\$59,123.71	3	\$125,000.00
Other	\$110,000.00	\$7,071.07	2	\$110,000.00
<b>Total</b>	<b>\$106,042.68</b>	<b>\$25,921.41</b>	<b>274</b>	<b>\$104,000.00</b>

### Overall Annual Compensation Based on Years as a RA

Years as a RA	Mean	Std. Deviation	Median	N	% of Total N
2 years or less	\$92,200.00	\$14,560.07	\$91,000.00	19	6.9%
3 to 5 years	\$97,907.05	\$23,086.08	\$99,000.00	40	14.6%
6 to 10 years	\$103,726.37	\$25,462.88	\$105,000.00	93	33.9%
11 to 15 years	\$108,564.80	\$23,407.04	\$105,000.00	102	37.2%
16 to 20 years	\$134,865.79	\$33,849.96	\$126,000.00	19	6.9%
more than 21 years	\$105,000.00	.	\$105,000.00	1	0.4%
<b>Total</b>	<b>\$106,042.68</b>	<b>\$25,921.41</b>	<b>\$104,000.00</b>	<b>274</b>	<b>100.0%</b>

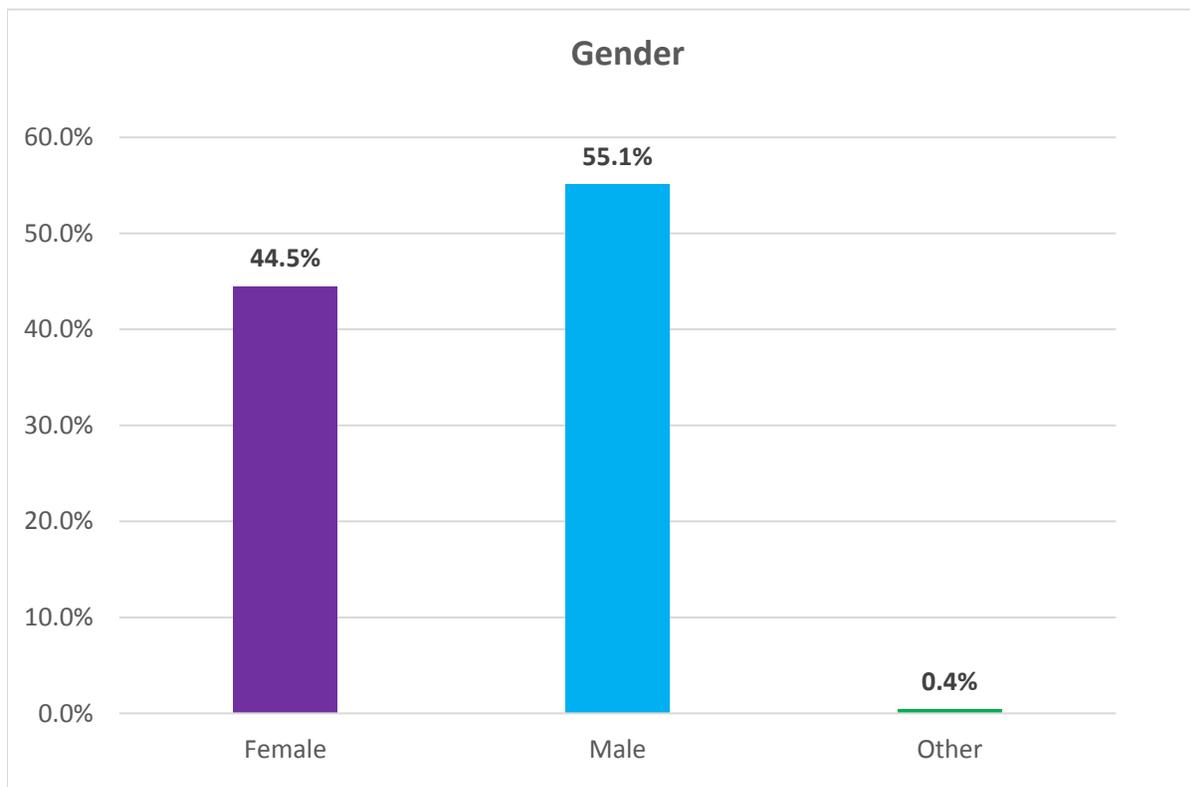
### Overall Annual Compensation Based on Years in Medical Imaging

Years in medical Imaging (including years as a RA)	Mean	Std. Deviation	Median	N	% of Total N
2 years or less	\$83,000.00	.	\$83,000.00	1	0.4%
3 to 5 years	\$105,550.00	\$23,405.23	\$105,550.00	2	0.7%
6 to 10 years	\$98,024.00	\$20,116.48	\$96,000.00	25	9.1%
11 to 15 years	\$101,645.28	\$27,732.57	\$103,000.00	53	19.3%
16 to 20 years	\$102,006.17	\$22,433.79	\$99,500.00	46	16.8%
21 to 25 years	\$109,688.55	\$21,900.99	\$108,000.00	69	25.2%
26 to 30 years	\$114,448.57	\$30,237.03	\$114,000.00	35	12.8%
more than 31 years	\$108,309.30	\$30,592.35	\$100,000.00	43	15.7%
<b>Total</b>	<b>\$106,042.68</b>	<b>\$25,921.41</b>	<b>\$104,000.00</b>	<b>274</b>	<b>100.0%</b>

## Demographics

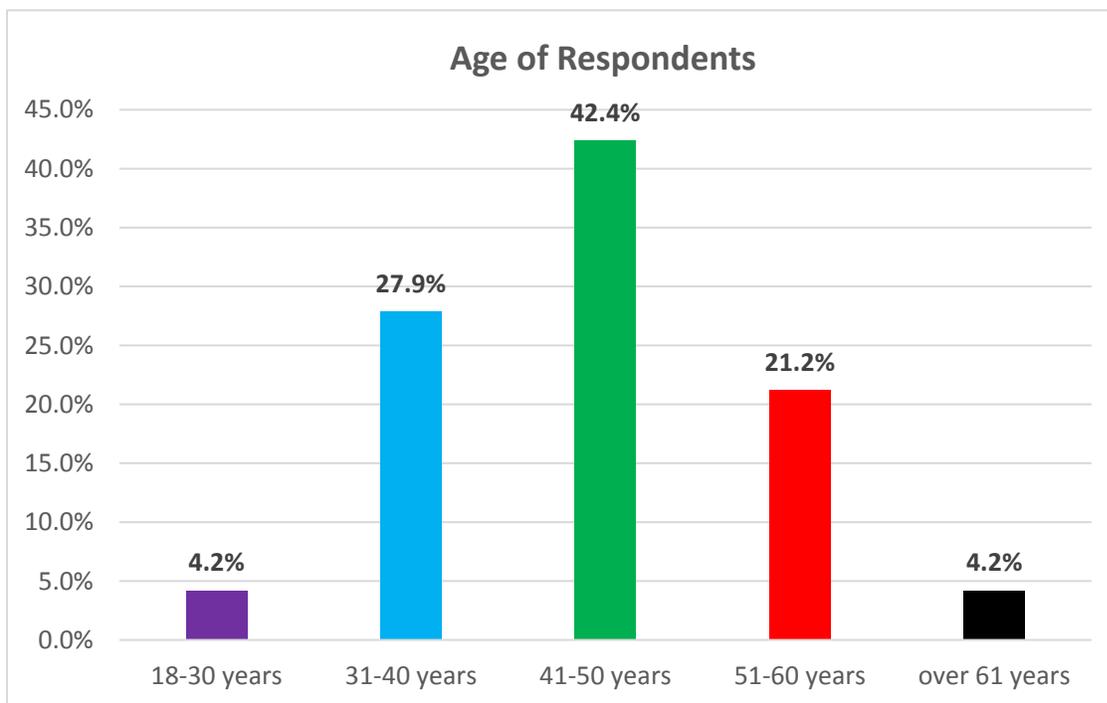
What is your gender?

	N	Percent
Female	126	44.5%
Male	156	55.1%
Other	1	0.4%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



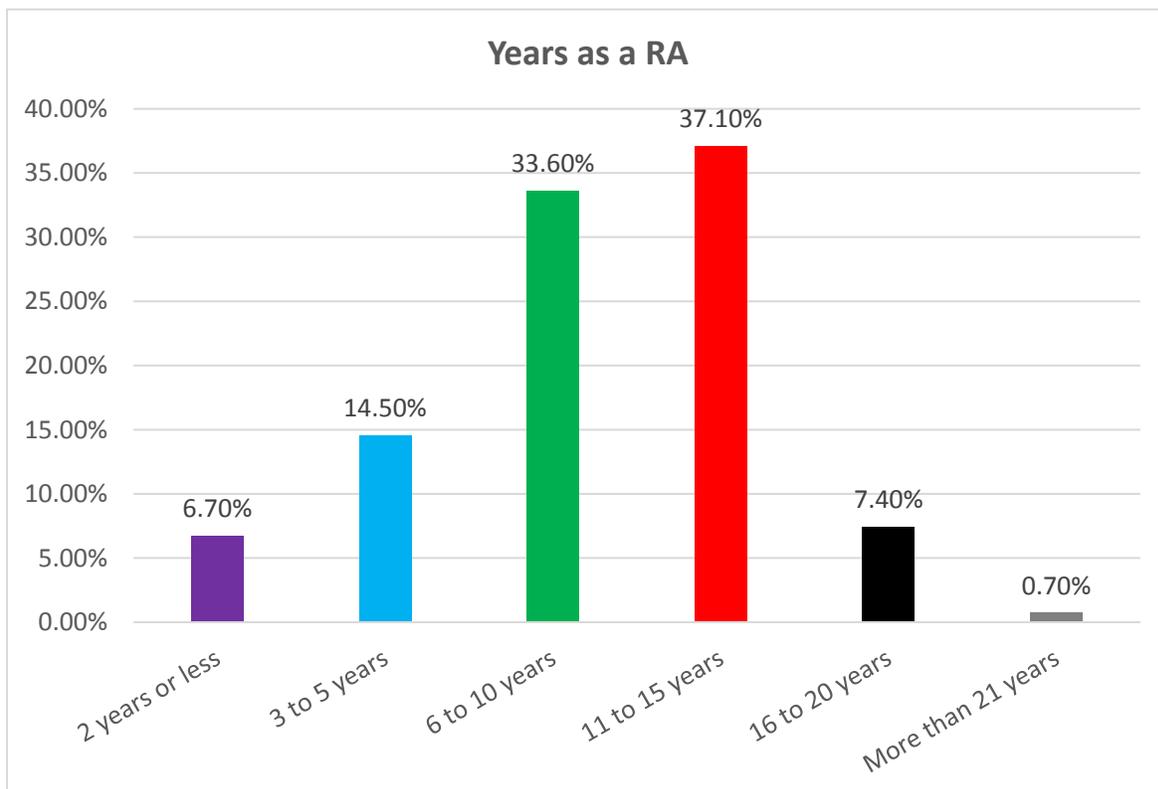
Which category below includes your age?

Age Group	N	Percent
18-30 years	12	4.2%
31-40 years	79	27.9%
41-50 years	120	42.4%
51-60 years	60	21.2%
over 61 years	12	4.2%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



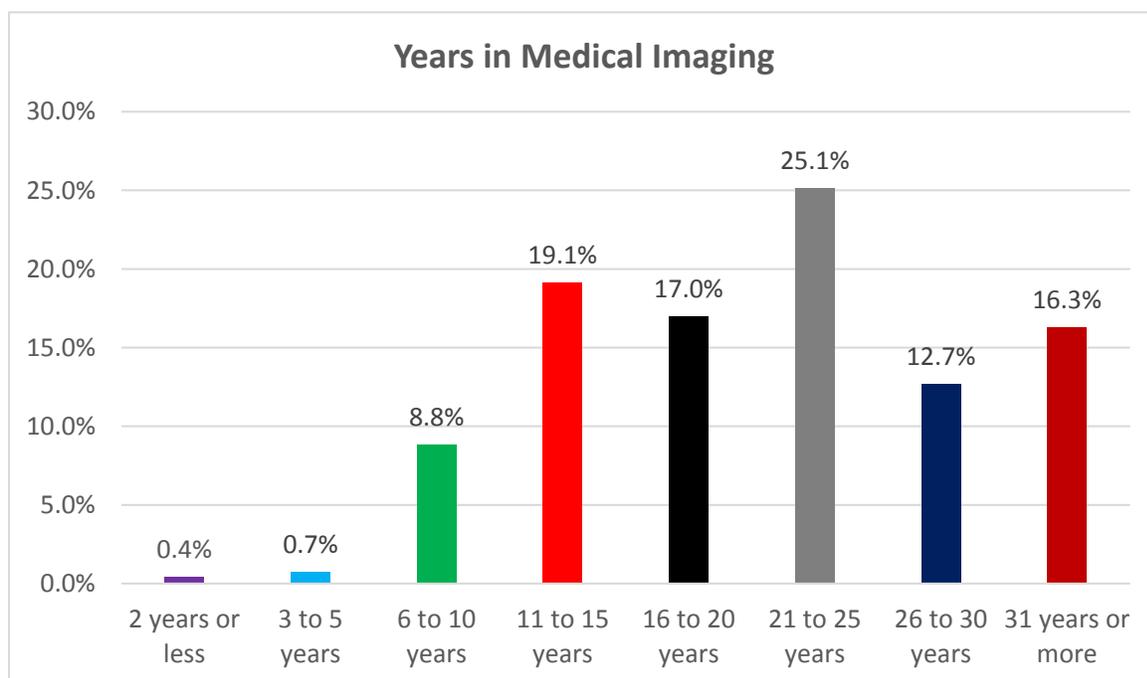
How many years have you been a Radiologist Assistant?

	<b>N</b>	<b>Percent</b>
2 years or less	19	6.7%
3 to 5 years	41	14.5%
6 to 10 years	95	33.6%
11 to 15 years	105	37.1%
16 to 20 years	21	7.4%
more than 21 years	2	0.7%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



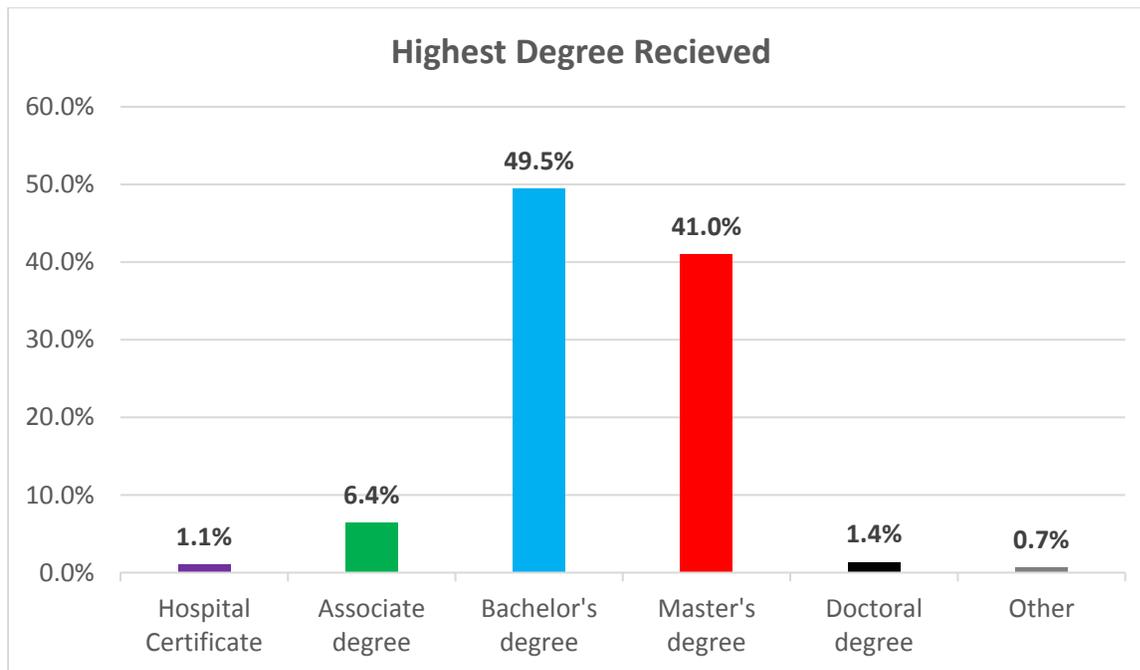
How many years have you worked in medical imaging/radiology? (Please include your years as a Radiologist Assistant)

	<b>N</b>	<b>Percent</b>
2 years or less	1	0.4%
3 to 5 years	2	0.7%
6 to 10 years	25	8.8%
11 to 15 years	54	19.1%
16 to 20 years	48	17.0%
21 to 25 years	71	25.1%
26 to 30 years	36	12.7%
31 years or more	46	16.3%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



What is the highest degree you have received?

	<b>N</b>	<b>Percent</b>
Hospital certificate	3	1.1%
Associate degree	18	6.4%
Bachelor's degree	140	49.5%
Master's degree	116	41.0%
Doctoral degree	4	1.4%
Other	2	0.7%
<b>Total</b>	<b>283</b>	<b>100.0</b>

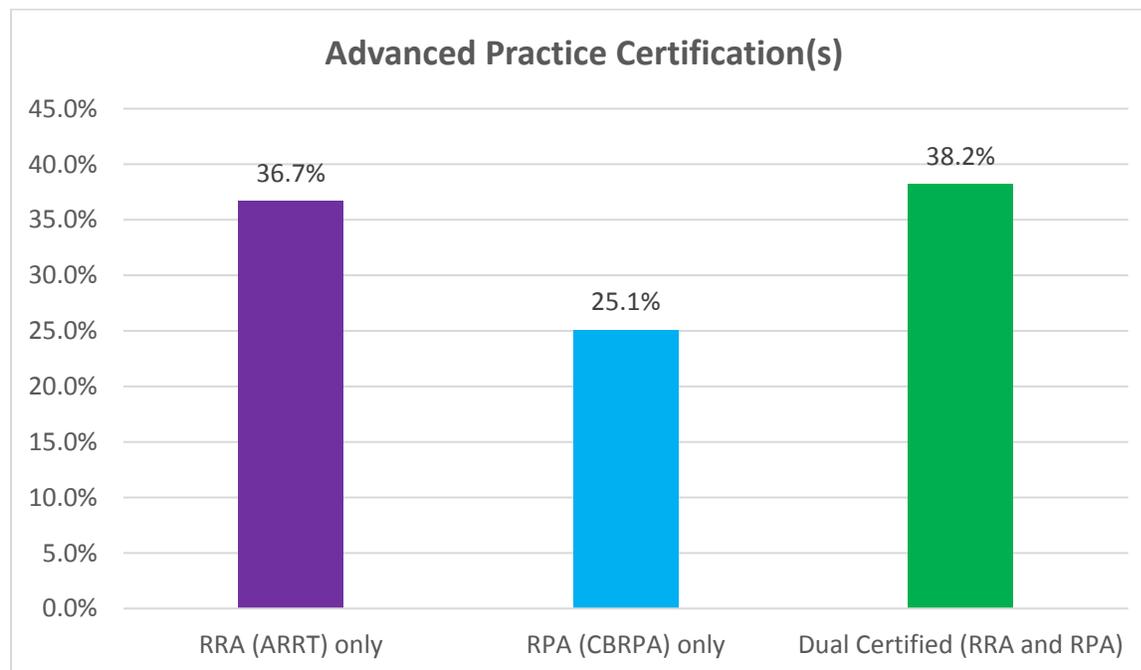


Please select all certifications you have obtained.

All RAs are ARRT registered radiologic technologists with certification in radiography (RT(R)). Some RAs have obtained one, or more, post primary certifications beyond their advanced practice certification and the radiography certification.

### Advanced Practice Certification(s)

	<b>N</b>	<b>Percent</b>
Registered Radiologist Assistant (RRA)(ARRT)	104	36.7%
Radiology Practitioner Assistant (RPA)(CBRPA)	71	25.1%
Dual Certified (Both RRA and RPA)	108	38.2%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



### Post-primary Certification(s)

	<b>N</b>	<b>Percent of Cases</b>
Bone Densitometry (BD) (ARRT)	0	0%
Computed Tomography (CT)(ARRT)	88	51.8%
Magnetic Resonance (MR)(ARRT)	34	20.0%
Mammography (M)(ARRT)	32	18.8%
Nuclear Medicine (N)(ARRT)	3	1.8%
Nuclear Medicine Technology (NMCTB)	1	0.6%
Sonography (S)(ARRT)	1	0.6%
Sonography (ARDMS)	12	7.1%
Vascular Sonography (VS)(ARRT)	1	0.6%
Breast Sonography (BS)(ARRT)	10	5.9%
Cardiovascular (CV)(ARRT)	33	19.4%
Cardiac Interventional (CI)(ARRT)	1	0.6%
Vascular Interventional (VI)(ARRT)	24	14.1%
Registered Cardiac Invasive Specialist (RCIS)(CCI)	1	0.6%
Quality Management (QM)	2	1.2%
Radiation Therapy (T)(ARRT)	1	0.6%
Other	3	1.8%

In which state(s) do you live and work?

State	Live	Work	State	Live	Work
Alabama	1	1	Nebraska	1	0
Arizona	5	5	Nevada	2	2
Arkansas	8	7	New Hampshire	2	2
California	15	16	New Jersey	5	4
Colorado	11	11	New Mexico	1	1
Connecticut	5	2	New York	24	28
Delaware	1	0	North Carolina	15	15
Florida	13	13	Ohio	11	12
Georgia	8	9	Oklahoma	8	9
Idaho	1	1	Oregon	8	8
Illinois	3	2	Pennsylvania	20	19
Indiana	10	10	South Carolina	2	2
Iowa	3	4	Tennessee	11	11
Kansas	5	5	Texas	24	24
Kentucky	3	3	Utah	1	1
Louisiana	1	1	Vermont	1	1
Maryland	4	4	Virginia	9	9
Massachusetts	8	8	Washington	8	8
Michigan	4	4	West Virginia	1	0
Minnesota	5	5	Wyoming	1	1
Mississippi	5	5	Other	1	1
Missouri	7	8	<b>Total</b>	<b>283</b>	<b>283</b>
Montana	1	1			

## Employment

Which of the following categories best describes your employment status?

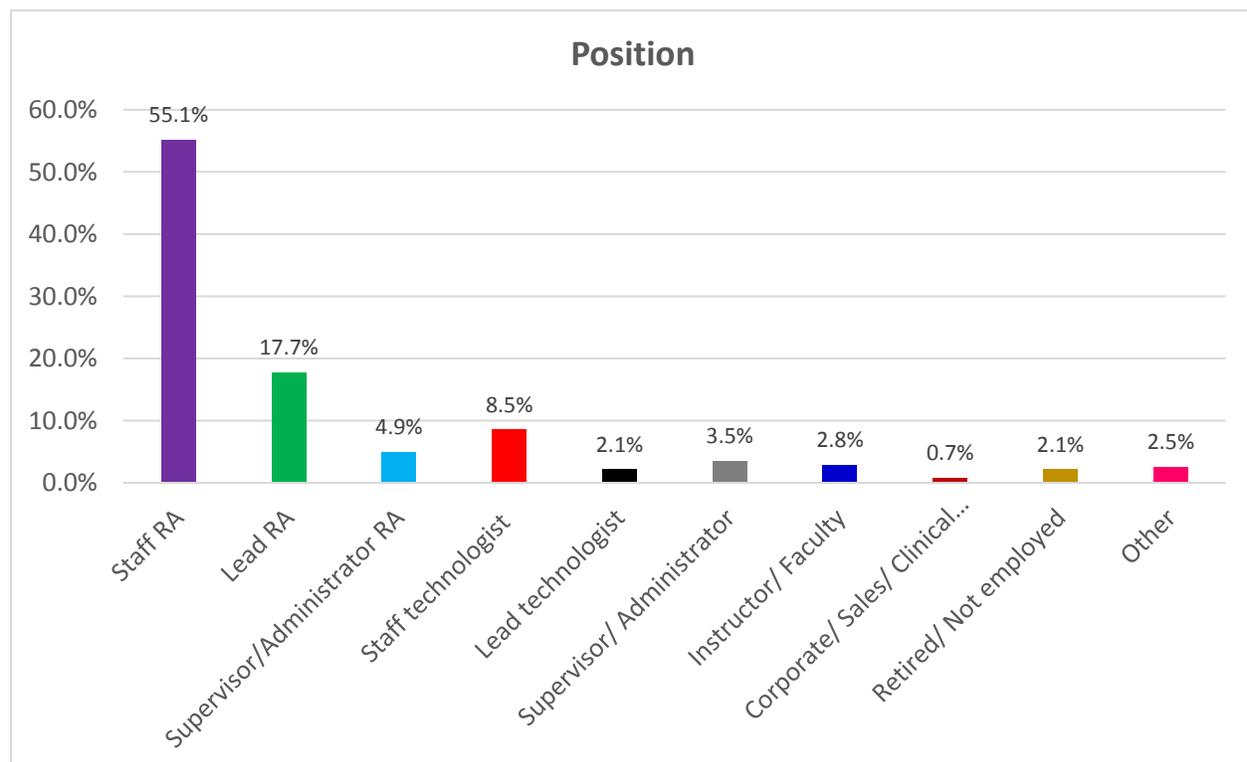
	<b>N</b>	<b>Percent</b>
Employed, Full-time (32 hours or more a week)	262	92.6%
Employed, Part-time (31 or less hours a week)	13	4.6%
Employed, PRN (as needed)	2	0.7%
Not currently employed, looking	3	1.1%
Not currently employed, not looking	1	0.4%
Retired	2	0.7%
<b>Total</b>	<b>283</b>	<b>100.0</b>

If you work Part-time or PRN, how many hours a week do you work?

	<b>N</b>	<b>Valid Percent</b>
8 hours or less	1	7.1%
17 to 24 hours	7	50.0%
25 to 31 hours	4	28.6%
Other	2	14.3%
<b>Total</b>	<b>14</b>	<b>100.0%</b>

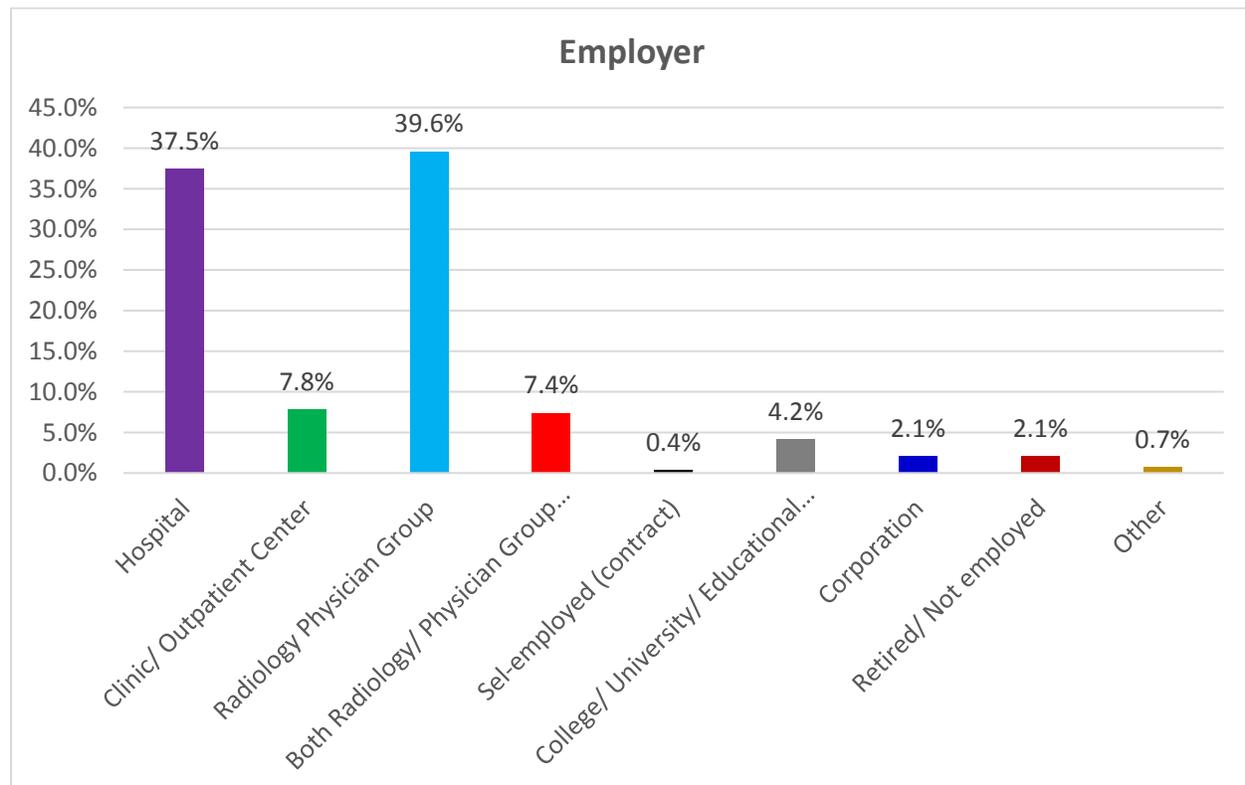
### What is your current position?

	N	Percent
Staff RA	156	55.1%
Lead RA	50	17.7%
Supervisor/ Administrator RA	14	4.9%
Staff technologist (not practicing as a RA)	24	8.5%
Lead technologist (not practicing as a RA)	6	2.1%
Supervisor/ Administrator (not practicing as a RA)	10	3.5%
Instructor/ Faculty	8	2.8%
Corporate/ Sales/ Clinical Applications	2	0.7%
Retired/ Not employed	6	2.1%
Other	7	2.5%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



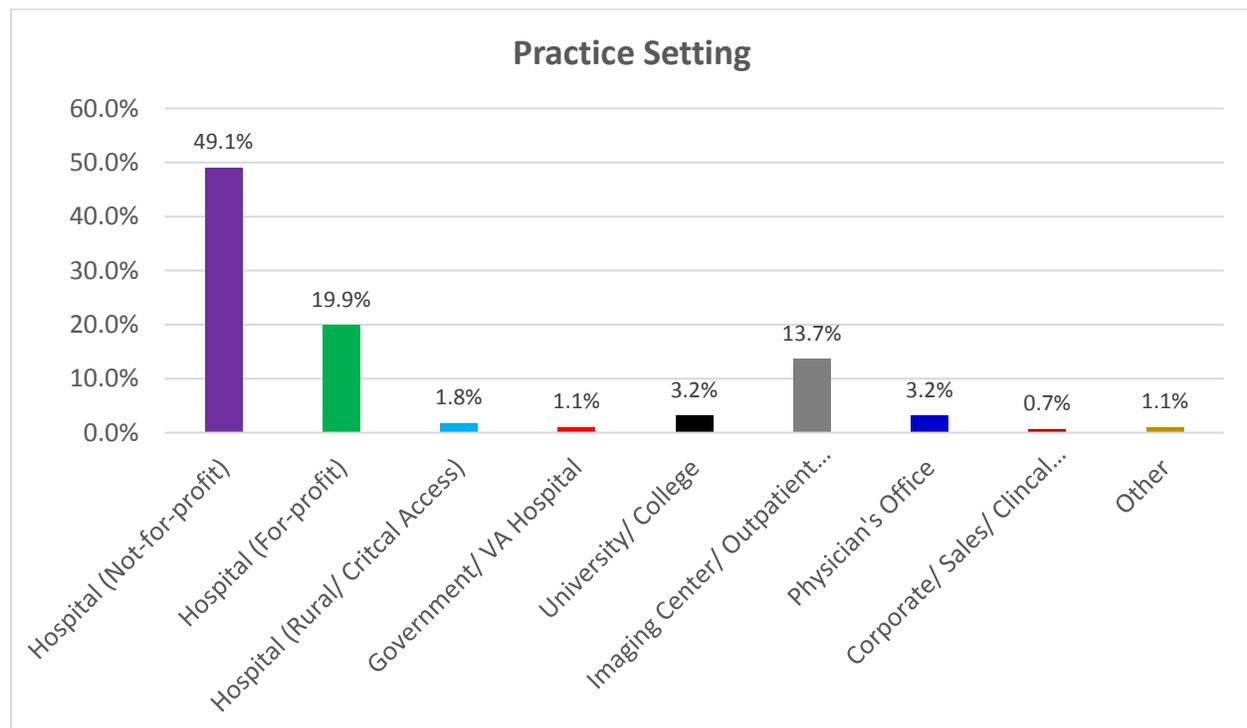
### Who is your employer?

	N	Percent
Hospital	101	35.7%
Clinic/ Outpatient Center	22	7.8%
Radiology/Physician Group	112	39.6%
Both Radiology/ Physician Group and Hospital	21	7.4%
Self-employed (contract)	1	0.4%
College/ University/ Educational Institution	12	4.2%
Corporation	6	2.1%
Retired/ Not employed	6	2.1%
Other	2	0.7%
<b>Total</b>	<b>283</b>	<b>100.0%</b>



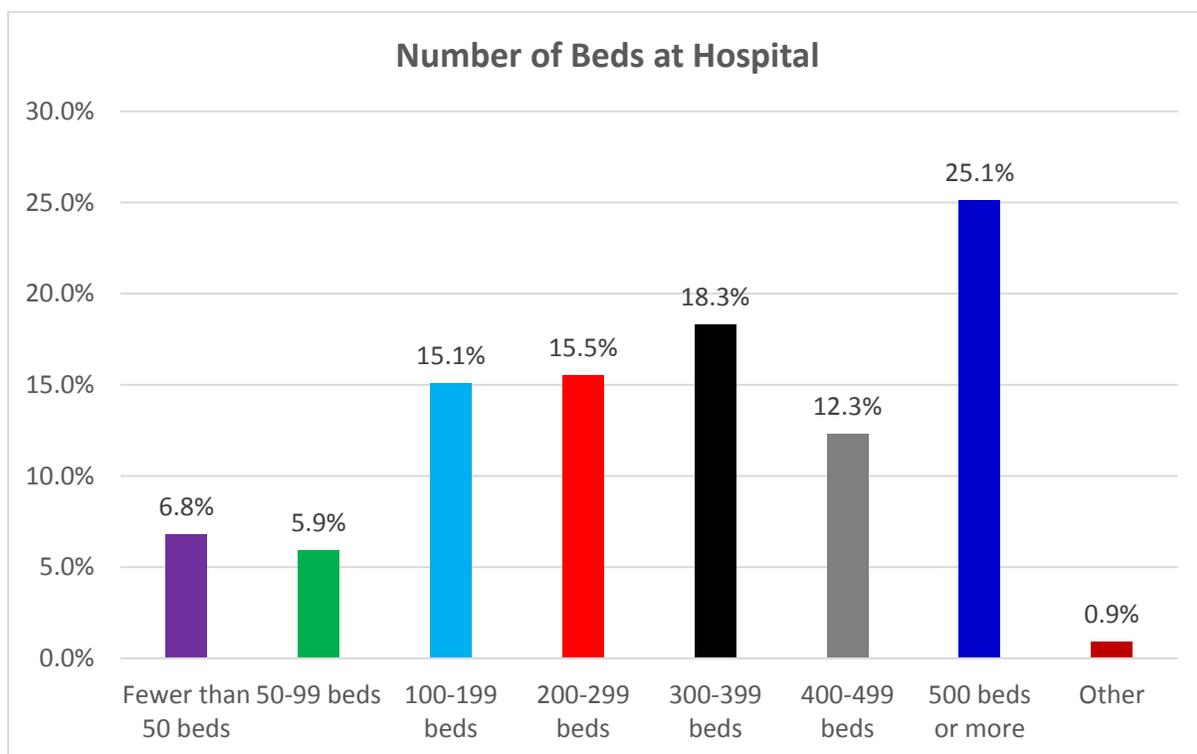
In which employment setting do you primarily practice?

	N	Valid Percent
Hospital (Not-for-profit)	136	49.1%
Hospital (For-profit)	55	19.9%
Hospital (Rural/Critical Access)	5	1.8%
Government/ VA Hospital	3	1.1%
Academic Medical Center	17	6.1%
University/ College	9	3.2%
Imaging Center/ Outpatient Imaging Facility	38	13.7%
Physician's office	9	3.2%
Corporate/ Sales/ Clinical Applications	2	0.7%
Other	3	1.1%
<b>Total</b>	<b>277</b>	<b>100.0%</b>



If your primary practice setting is a hospital, how many beds are at the facility?

	N	Valid Percent
Fewer than 50 beds	15	6.8%
50-99 beds	13	5.9%
100-199 beds	33	15.1%
200-299 beds	34	15.5%
300-399 beds	40	18.3%
400-499 beds	27	12.3%
500 beds or more	55	25.1%
Other	2	0.9%
<b>Total</b>	<b>219</b>	<b>100.0%</b>



What benefits do you receive? (Select all that apply)

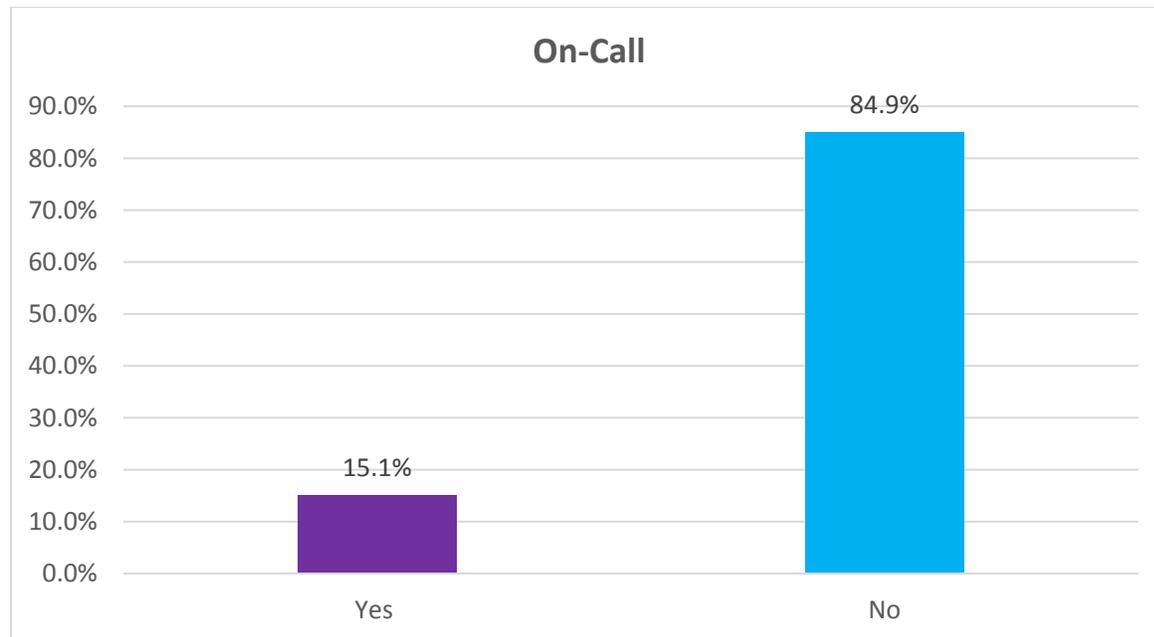
	<b>N</b>	<b>Percent of Cases</b>
Medical	260	94.5%
Dental	236	85.8%
Vision	211	76.7%
Retirement/ Pension	249	90.5%
Tuition	117	42.5%
CE assistance	196	71.3%
Professional Dues	145	52.7%
Other	9	3.3%

How many weeks of Vacation/ Paid time off (PTO) do you receive per year?

	<b>N</b>	<b>Valid Percent</b>
less than 1 week	1	0.4%
1 week	1	0.4%
2 weeks	21	7.5%
3 weeks	35	12.5%
4 weeks	83	29.6%
5 or more weeks	127	45.4%
N/A	9	3.2%
Other	3	1.1%
<b>Total</b>	<b>280</b>	<b>100.0%</b>

### Do you take call as a Radiologist Assistant?

	<b>N</b>	<b>Valid Percent</b>
Yes	41	15.1%
No	231	84.9%
<b>Total</b>	<b>272</b>	<b>100.0%</b>

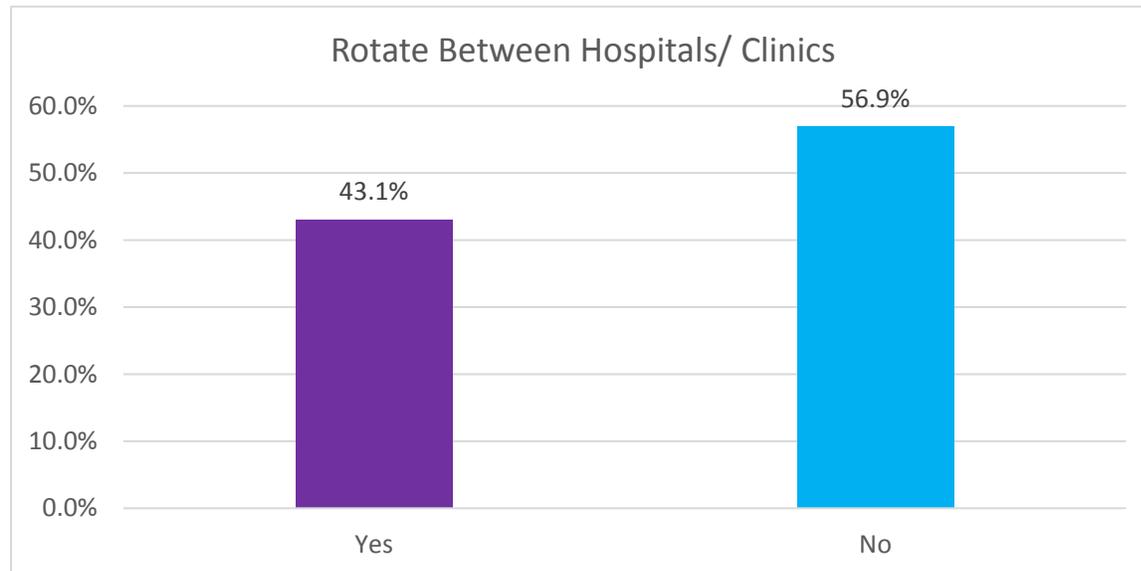


### If you take call as a Radiologist Assistant, how many days a month are you on call?

	<b>N</b>	<b>Valid Percent</b>
1 to 3 days	6	14.6%
4 to 6 days	13	31.7%
7 to 9 days	7	17.1%
10 or more days	12	29.3%
Other	3	7.3%
<b>Total</b>	<b>41</b>	<b>100.0%</b>

Do you rotate between different hospitals/clinics as a Radiologist Assistant?

	<b>N</b>	<b>Valid Percent</b>
Yes	112	43.1%
No	148	56.9%
<b>Total</b>	<b>260</b>	<b>100.0%</b>



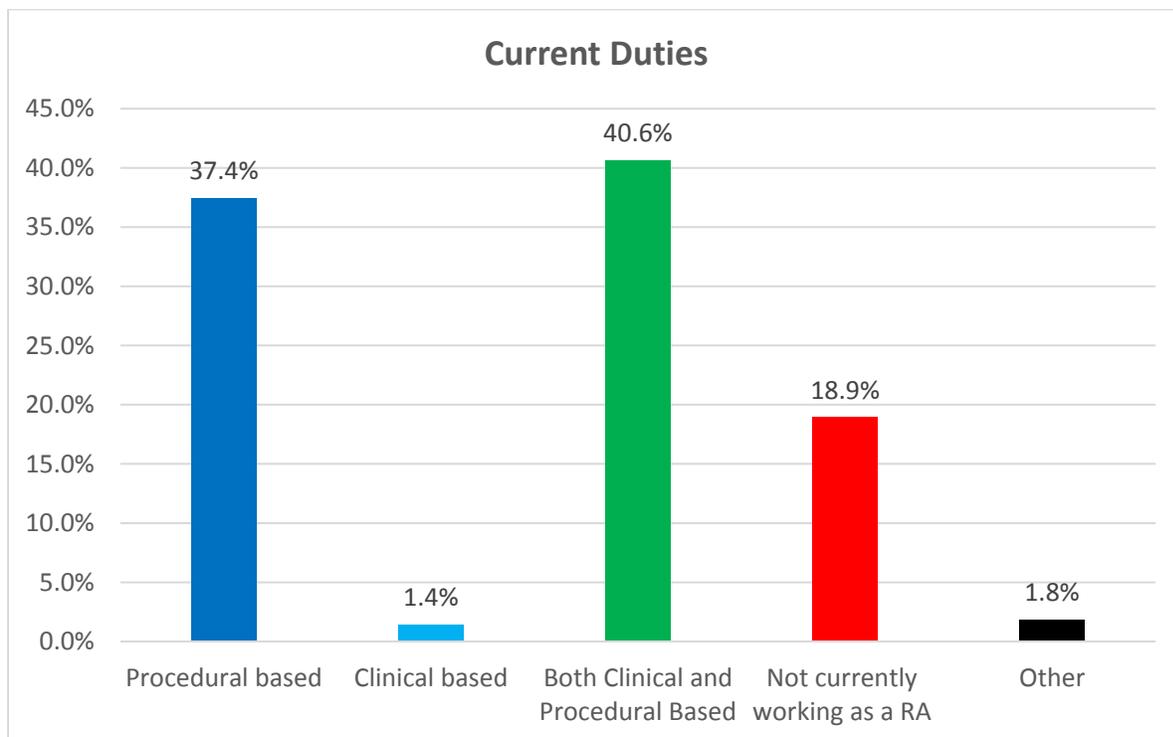
If you rotate between hospitals/ clinics, how many different facilities do you rotate?

	<b>N</b>	<b>Valid Percent</b>
2	44	39.6%
3	36	32.4%
4	18	16.2%
5 or more	13	11.7%
<b>Total</b>	<b>111</b>	<b>100.0%</b>

## Clinical Practice

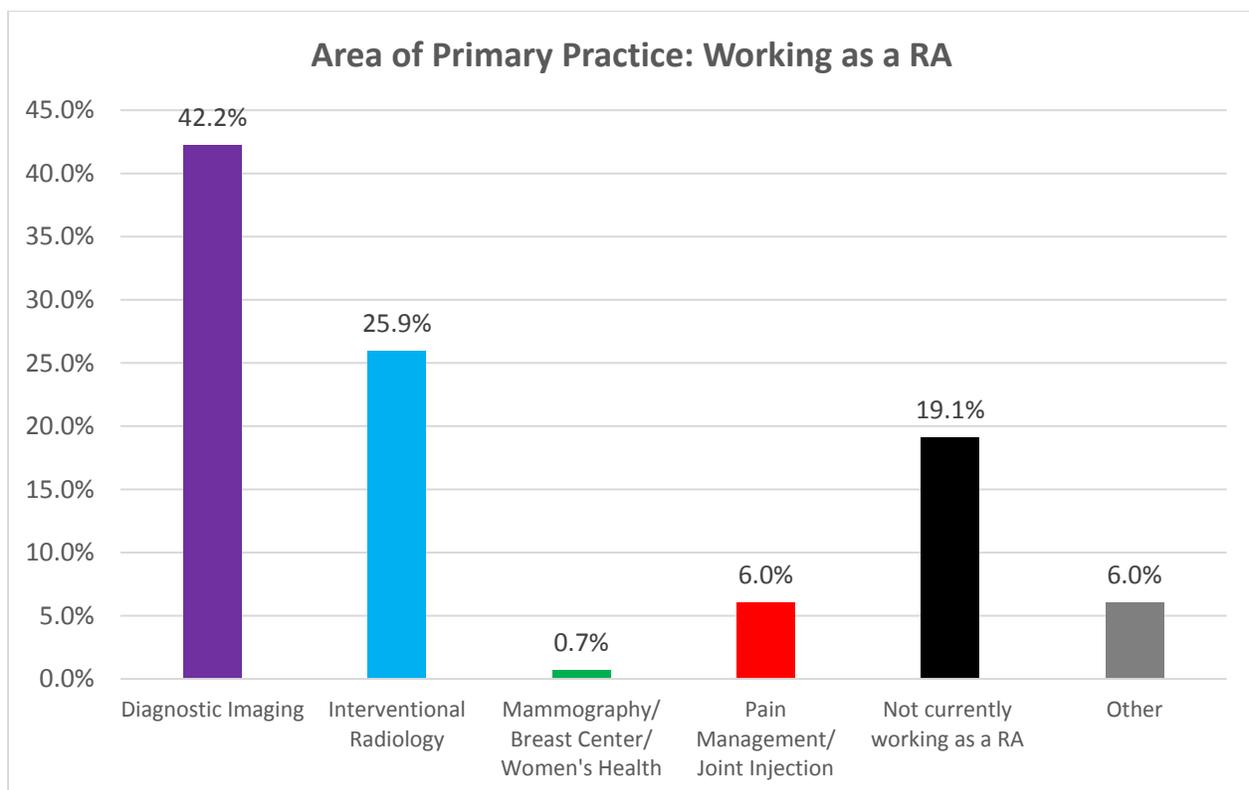
Which of the following best describes your current duties?

	N	Valid Percent
Procedural based (procedure performance, protocoling, etc.)	105	37.4%
Clinical based (patient management, patient consult, etc.)	4	1.4%
Both Clinical and Procedural based	114	40.6%
Not currently working as a RA	53	18.9%
Other	5	1.8%
<b>Total</b>	<b>281</b>	<b>100.0%</b>



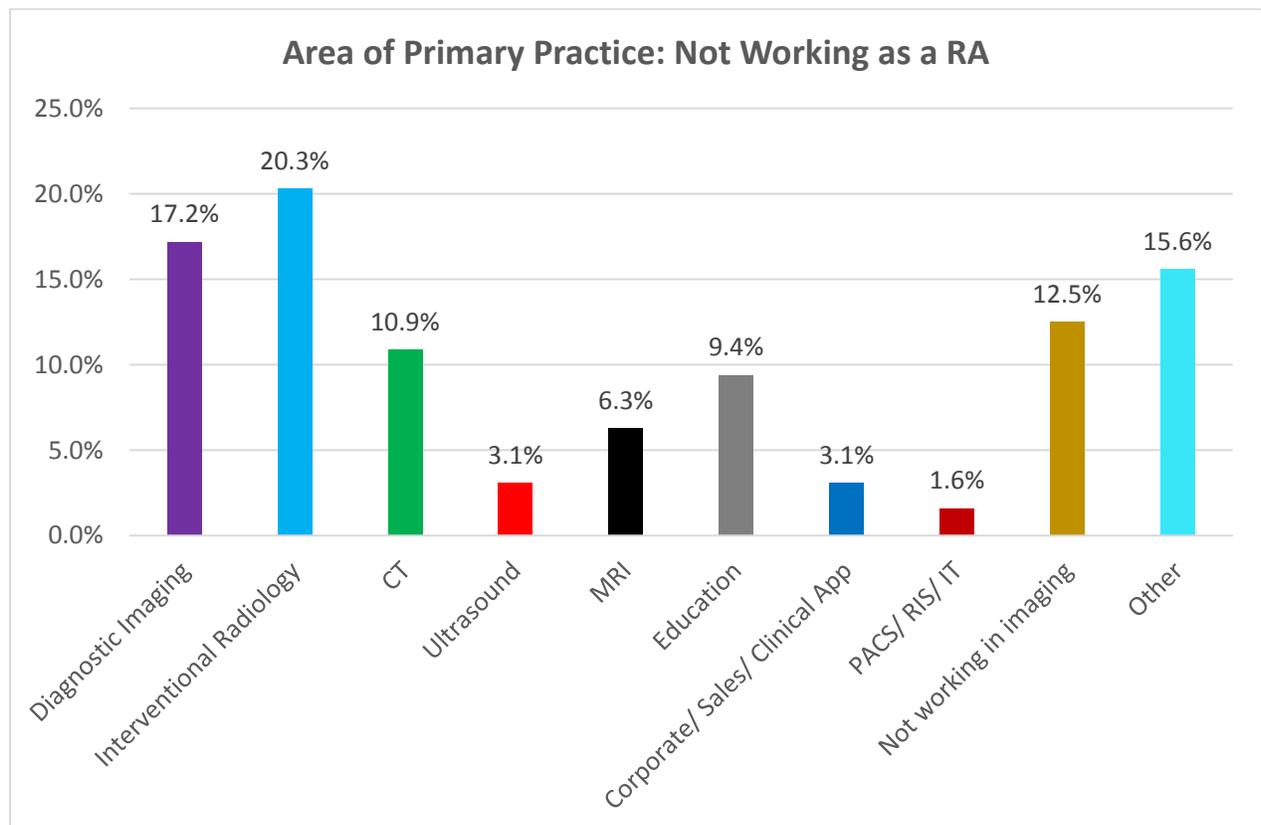
Which area do you primarily work as a Radiologist Assistant?

	N	Valid Percent
Diagnostic Imaging	119	42.2%
Interventional Radiology	73	25.9%
Mammography/ Breast Center/ Women's Health	2	0.7%
Pain Management/ Joint Injection	17	6.0%
Not currently working as a RA	54	19.1%
Other	17	6.0%
<b>Total</b>	<b>282</b>	<b>100.0%</b>



If not currently working as a Radiologist Assistant, in which area do you primarily work?

	N	Valid Percent
Diagnostic Imaging	11	17.2%
Interventional Radiology	13	20.3%
CT	7	10.9%
Ultrasound	2	3.1%
MRI	4	6.3%
Education	6	9.4%
Corporate/ Sales/ Clinical Applications	2	3.1%
PACS/ RIS/ IT	1	1.6%
Not working in imaging	8	12.5%
Other	10	15.6%
<b>Total</b>	<b>64</b>	<b>100.0%</b>



Select all patient procedures you perform as a Radiologist Assistant, in your place of employment.

	N of Responses	Percent of cases
Esophagram	177	63.2%
Modified Barium Swallow	154	55%
Upper GI	178	63.6%
Small Bowel Follow Through	177	63.2%
Barium Enema	174	62.1%
Chest Fluoroscopy (sniff test)	164	58.6%
NG tube/NJ tube placement	135	48.2%
Defecography	35	12.5%
VCUG/ Cystogram	168	60.0%
Retrograde urethrography	140	50.0%
Antegrade nephrostogram	95	33.9%
Hysterosalpingiogram	118	42.1%
Gastrostomy/ GJ tube placement	81	28.9%
Tube/ catheter exchange	113	40.4%
Arthrogram/ joint injection/ joint aspiration	172	61.4%
Myelogram/ Intrathecal injection	134	47.9%
Cisternogram	65	23.2%
Nerve block/ ESI injection	28	10.0%
Thoracentesis	136	48.6%
Paracentesis	146	52.1%
Port Placement	54	19.3%
Central line/ Non-Tunneled catheter placement	75	26.8%
Dialysis/ Tunneled catheter placement	60	21.4%
PICC line placement	102	36.4%
Biopsy (Liver, Renal, Thyroid, Lymph node, Bone, Superficial)	92	32.9%
Breast procedures (Needle localization, Biopsy)	36	12.9%
Sentinel node injection	43	15.4%
Venography	76	27.1%

Patient Procedures Performed as a RA, Con't

Vein therapy/ Sclerotherapy	13	4.6%
AV graft declot/ Thrombolysis	23	8.2%
IVC filter placement	33	11.8%
Abscess drainage/ Catheter placement	84	30.0%
N/A (not practicing as a RA)	52	18.6%
Other	31	11.1%

Select all patient management duties you perform as a Radiologist Assistant in your place of employment.

	<b>N of responses</b>	<b>Percent of Cases</b>
Record information in patient record	184	65.9%
Perform physical examination and analysis of data	132	47.3%
Review imaging procedures, make initial observations, and communicate observations to radiologist	201	72.0%
Advocate for patient radiation safety and protection	187	67.0%
Participate in informed consent	208	74.6%
Participate in patient education	202	72.4%
Document fluoroscopy time	167	59.9%
Administer contrast, medications, and radiopharmaceuticals as prescribed	203	72.8%
Provide physician prescribed pre and post-care instructions	193	69.2%
Participate in the administration of moderate (conscious) sedation	51	18.3%
Observe and assess patient who has received moderate (conscious) sedation	68	24.4%
Communicate findings to appropriate healthcare provider	189	67.7%
Write patient admission and/or discharge summary for review and co-signature	80	28.7%
Perform urinary catheterization	107	38.4%
Assist with data collection and review	113	40.5%
Follow-up (round) on patients post-procedure	110	39.4%
Research	53	19.0%
N/A (not practicing as a RA)	52	18.6%
Other	11	3.9%