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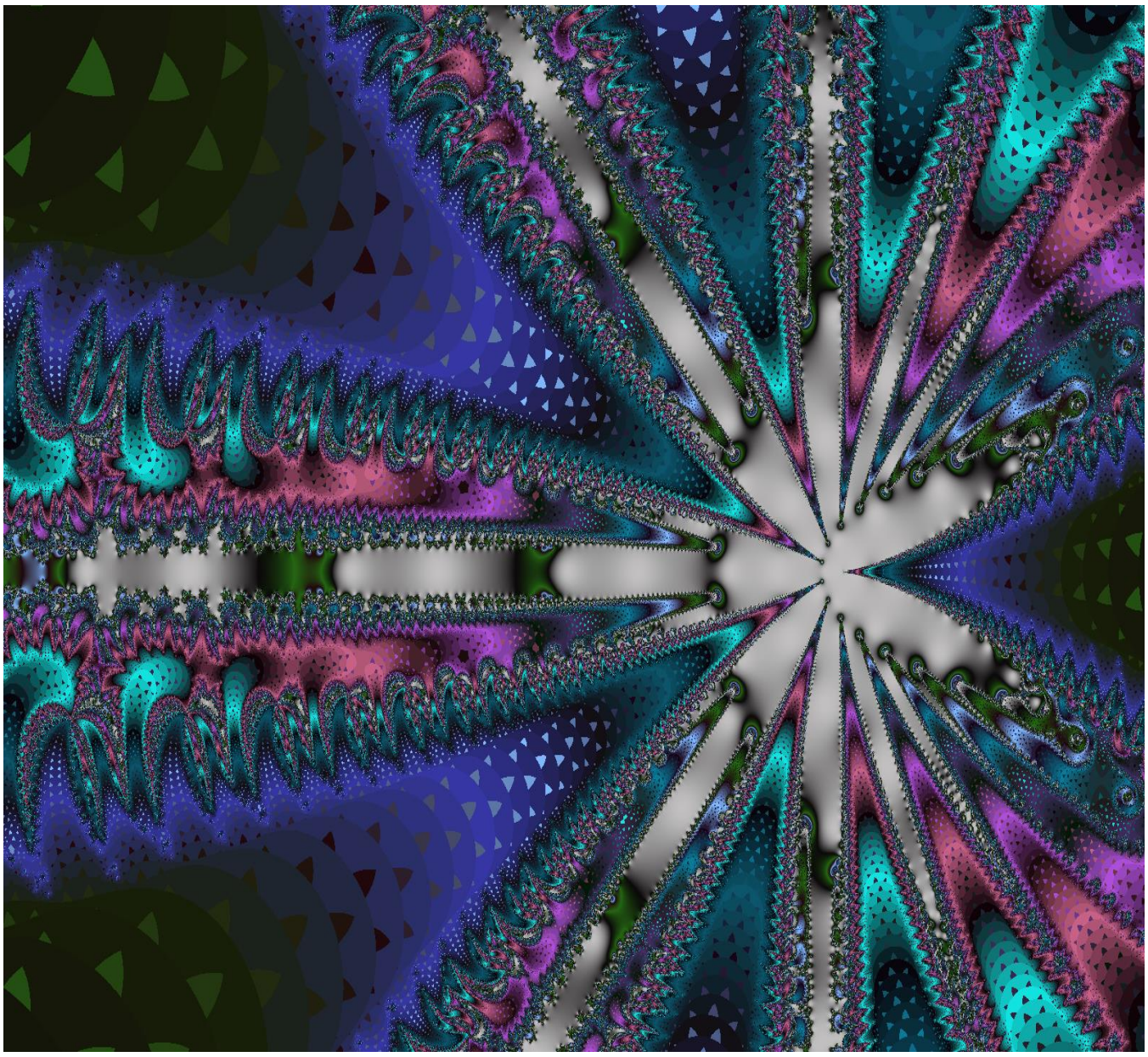
Radiologic Technologist Wage and Salary Survey 2016



asrt
American Society of Radiologic Technologists

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Executive Summary

The ASRT Wage and Salary Survey 2016 was sent in February, 2016 to everyone in the ASRT database with an email address, and who did not list themselves as either retired or students. A total of 204,006 invitations were sent via e-mail. At the close of the survey in March, 25,379 questionnaires had been completed, yielding a response rate of 12.4 percent.

All descriptive statistics are reported with data weighted by state and primary discipline in relation to the distribution of ARRT registrants across the United States. This helps ensure that the results are representative of the RT population, as these two factors significantly account for the compensation of technologists.

To keep the report at a minimal length, verbatim responses to open-ended questions were not included, but can be provided upon request.

Compensation and Benefits

Overall mean annual full-time compensation for radiologic technologists across the nation, averaged over all disciplines, was $65,756.

- States with the highest reported mean compensation across disciplines were California ($92,396), District of Columbia ($81,083) and Washington ($79,311).
- States with the lowest reported mean compensation across disciplines were Alabama ($52,230), South Dakota ($54,122) and Mississippi ($54,447).
- The disciplines with the highest reported mean compensation were medical dosimetry ($106,777), registered radiologic assistant/RPA ($100,311) and Fusion (PET/CT, SPECT/CT, etc.) ($83,956).
- The disciplines with the lowest reported mean compensation were radiography ($56,071), bone densitometry ($63,072) and computed tomography ($65,775).

Respondents were asked about the extent to which their employer helps to pay for their benefits and professional development.

- For benefits, respondents indicated that their employers were most likely to provide funding for a retirement plan (73.6% said their employer provided either a fixed percentage or all of the funding toward retirement) and for health insurance (71.9% said they receive either full or partial funding from their employer). They were least likely to receive dental insurance, with only 63.9% indicating that their employer paid at least a portion of their dental insurance.
- Across the board, respondents received less assistance with professional development than with traditional benefits. Tuition assistance was the form of professional development most frequently sponsored by employers, with 47.0% of respondents indicating that their employer provides full or partial funding; 27.1% of respondents said their employer partially or fully funds continuing education requirements, and 20.1% said their employer provides funding for professional association dues.

Respondents were asked to rate their satisfaction with their compensation, including wage/salary, insurance and retirement benefits, and employer sponsorship of professional development:

- Overall, 49.4% of respondents were either very satisfied or satisfied with their salary; another 22.2% were neutral in their feelings about their salary.
- Regarding their benefits (including professional development), an even 50.0% were either very satisfied or satisfied with their benefits; another 29.1% were neutral.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Demographics

The average radiologic technologist responding to the survey:

- Is 45.3 years old.
- Is female (75.4%).
- Holds an associate degree as their highest level of education (50.4%).
- Is an ASRT member (80.4%).
- Has worked in the radiologic sciences for 18.1 years, and has worked at their current position for 9.6 years.
- Works 40.2 hours per week (among those categorized as full-time) or 21.8 hours per week (among those categorized as part-time).
- Works in a hospital (41.6% at a non-profit hospital, 16.6% at a for-profit hospital) with 200-299 beds (18.7%).

Respondents were asked about their primary and secondary discipline and their job title:

- The six most common primary disciplines among respondents were: radiography (41.7%), computed tomography (13.1%), mammography (11.0%), magnetic resonance imaging (9.3%), radiation therapy (8.2%) and vascular interventional radiography (3.2%).
- The majority of respondents (60.3%) have no secondary discipline; of the 39.7% who do practice a secondary discipline, the three most common areas of practice were radiography (33.0%), computed tomography (24.0%) and bone densitometry (15.3%). Among respondents practicing in secondary, as well as primary disciplines, the average number of additional discipline was 1.2.
- The majority of respondents are staff technologists (68.5%). 14.7% of respondents are senior or lead technologists and 6.0% are supervisors or managers.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Introduction

The American Society of Radiologic Technologists (ASRT) is the largest radiologic science membership organization in the world. Founded in 1920, the Society has grown to more than 150,000 members. The mission of the organization is to advance the medical imaging and radiation therapy profession and to enhance the quality of patient care. Every three years the ASRT conducts a wage and salary survey of radiologic technology professionals.

The objective of this ongoing study is to measure income, benefits, satisfaction and other demographics of radiologic technologists at the national level. The primary purpose of this year's wage and salary survey is to monitor changes in compensation for radiologic technologists over time.

Methodology

The ASRT created the survey questionnaire, sent the emails, developed the research methodology and performed the data analysis.

The survey comprised an online version that can be found in Appendix B of this report. An invitation to participate in the survey was sent by e-mail in late February 2016 to everyone in the ASRT database with an email address who did not list themselves as either retired or students.

As an incentive to participate in the survey, respondents were given the chance to enter their name in a random drawing of three $100 gift cards and one $200 gift card.

Weighting

Appendix A (Weights) shows the number of questionnaires received from each state and primary discipline. Based upon these response distributions, a combined weight was derived to ensure that the results are representative of the distribution of ARRT registrants across the country when reported in total.

Considerations

All results for which population values were not already known are reported both as observed in the sample and in terms of estimated population values. Weights were used to correct for under and overrepresentation of states and disciplines. Weights were computed as the ratio between the known population percentage of ARRT-registered R.T.s in each state and discipline, and the observed percentage of such R.T.s in the sample. Respondents who did not answer the state question were given a state weight of 1 in the weighted calculations.

Similarly, respondents who did not report a primary discipline were assigned a discipline weight of 1.

Thus, the weighted results reported are the best estimates of the summary statistics that would have been obtained had 22,920 observations been taken at random (without regard to state or discipline) from the entire database of active ARRT registrants.

With the high number of respondents, it is unlikely that the results were skewed by systematic differences in response rates as a function of other variables (e.g., type of workplace or full-time status). However, the membership of the ASRT at the time the sample was drawn represented approximately 47 percent of the ARRT registrant database. About 80 percent of the survey respondents were members of the ASRT.

This research project follows the 1992, 1997, 2001, 2004, 2007, 2010 and 2013 Wage and Salary Surveys conducted by the ASRT. Much of the material and structure for the 2016 survey was based on the format of the earlier surveys. Ideally, periodic longitudinal measurement of these variables would provide optimal responsiveness to changes in the profession. Practical considerations make it unlikely that a project of this size can be carried out more often than at three-year intervals, but the data on percentage increases in compensation at the most recent raise can be used to estimate likely wages and salaries between surveys.

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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 of individual variables and for internally inconsistent responses to sets of variables. Such implausible values were assigned a special code and omitted from computation of descriptive statistics. In particular, the following implausibility criteria were used:

Number of years in the profession (radiologic sciences) in primary discipline and in current position: Considered implausible if years in primary discipline were greater than years in the radiologic sciences or if years in current position were more than five years greater than years in the profession (allowing for having held the current position while in a primary education program), or if the response implied that the respondent entered the profession, the discipline or their current position before age 15.

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

Base annual salary: Considered implausible if FTE < $22,000; or if a staff technologist FTE > $200,000; or if staff, senior, lead, assistant chief or chief technologist FTE > $300,000.

Approximate age (2015.15 – year of birth): Respondent age was considered implausible if < 16 or > 100.

Margin of Error

A total of 22,920 individuals who are currently employed in the radiologic profession responded to the survey. This sample size yields a ±0.65% margin of error for overall percentages at the 95% confidence interval. The overall standard deviation of base annual compensation for the 19,609 full-time respondents is $20,833, so the estimate of the mean base annual compensation of $65,756 for these respondents has a 95% chance of being ±$291 of the actual population mean for all ARRT-certified R.T.s.

For percentages computed on subsets of respondents, the margin of error increases. Thus, the maximum margin of error for percentages based on a subset of 2,100 respondents would be ±2.2%. For a subset of 30 respondents, the maximum would be ±18.3%. Finally, percentages based on a subgroup of only 10 R.T.s could have a margin of error as large as ±32%. Nevertheless, rather than ignoring results for smaller subgroups, the results are presented as respondents reported, yet figures may not be representative of the larger population.

The margin of error for compensation also increases as subsets of the sample size decrease, although this is offset somewhat by the tendency for the standard deviation to be smaller for subsets of R.T.s defined by their responses on relevant predictors. Ignoring that effect, the margin of error for the mean annual compensation of a subset of 30 R.T.s could be as large as ±$7,455.

The Report

This report summarizes the results for each question in the survey. As with previous reports, compensation information is compared by discipline. These groups are further divided by job position, workplace, education, years in the profession and state.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Annual Compensation

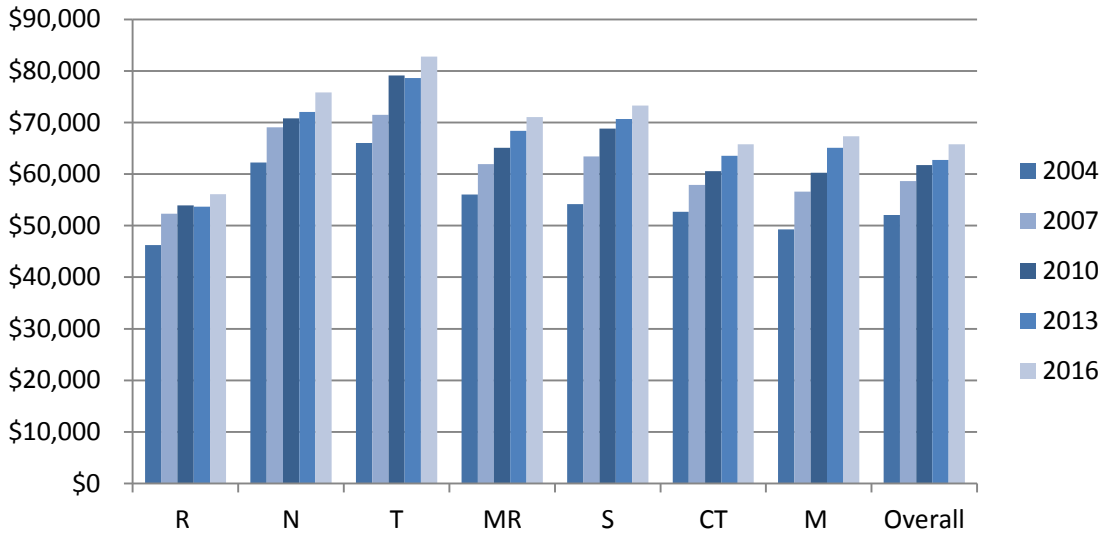
Annual Compensation = reported base annual salary *or* 2080*(reported base hourly wage)
To determine hourly wage, annual compensation/2080 (or number of hours worked per year)

Full-time Base Annual Compensation: 2004, 2007, 2010, 2013 and 2016[a]

	2004		2007		2010		2013		2016	
Discipline	N	Mean	N	Mean [% Change]	N	Mean [% Change]	N	Mean [% Change]	N	Mean [% Change]
Overall	5552	$52,091	7622	$58,673 [12.6%]	6846	$61,733 [5.2%]	8270	$62,763 [1.7%]	19609	$65,756 [4.8%]
R	2423	$46,238	2206	$52,336 [13.2%]	1637	$53,953 [3.1%]	2862	$53,680 [-0.5%]	7861	$56,071 [4.5%]
N	234	$62,269	576	$69,083 [10.9%]	522	$70,822 [2.5%]	341	$72,075 [1.8%]	370	$75,819 [5.2%]
T	425	$66,026	825	$71,461 [8.2%]	660	$79,125 [10.7%]	758	$78,602 [-0.7%]	1676	$82,798 [5.3%]
MR	490	$56,007	765	$61,928 [10.6%]	679	$65,098 [5.1%]	896	$68,384 [5.0%]	1892	$71,063 [3.9%]
S	279	$54,178	522	$63,406 [17.0%]	510	68,821 [8.5%]	266	$70,701 [2.7%]	356	$73,299 [3.7%]
CT	568	$52,704	854	$57,927 [9.9%]	792	$60,586 [4.6%]	1089	$63,545 [4.9%]	2690	$65,775 [3.5%]
M	550	$49,281	763	$56,605 [14.9%]	629	$60,263 [6.5%]	661	$65,101 [8.0%]	2004	$67,332 [3.4%]

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography

Full-time Base Annual Compensation: 2004, 2007, 2010, 2013 and 2016



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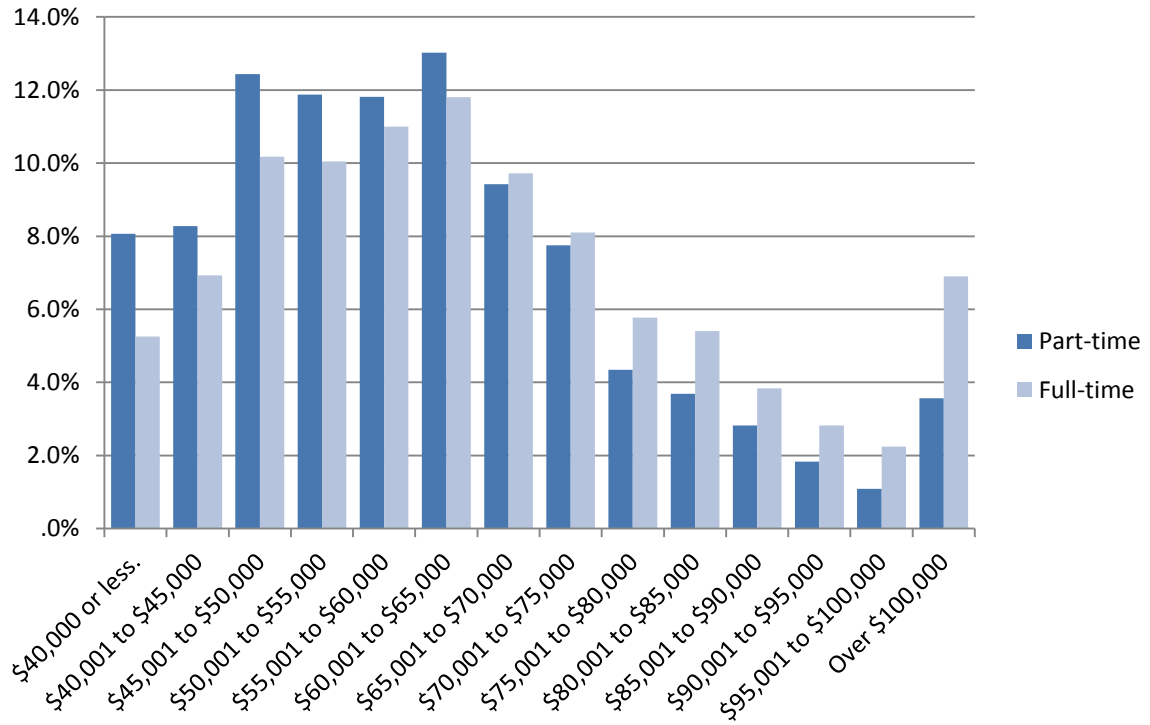
Compensation of Full- and Part-time R.T.s

Compensation	Sample Percent Part-time (Less than 32 hours per week)	Sample Percent Full-time (32 or more hours per week)	Overall
$40,000 or less.	8.1%	5.3%	5.6%
$40,001 to $45,000	8.3%	6.9%	7.1%
$45,001 to $50,000	12.4%	10.2%	10.5%
$50,001 to $55,000	11.9%	10.0%	10.3%
$55,001 to $60,000	11.8%	11.0%	11.1%
$60,001 to $65,000	13.0%	11.8%	12.0%
$65,001 to $70,000	9.4%	9.7%	9.7%
$70,001 to $75,000	7.8%	8.1%	8.0%
$75,001 to $80,000	4.3%	5.8%	5.6%
$80,001 to $85,000	3.7%	5.4%	5.2%
$85,001 to $90,000	2.8%	3.8%	3.7%
$90,001 to $95,000	1.8%	2.8%	2.7%
$95,001 to $100,000	1.1%	2.2%	2.1%
Over $100,000	3.6%	6.9%	6.4%
N	**3225**	**19609**	**22834**
Mean	**$60,791**	**$65,756**	**$65,068**
SD	$18,025	$20,833	$20,538
Median	$58,254	$62,392	$62,003

Compensation of Full- and Part-time R.T.s



Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by Position for Each Discipline[a]

	R	N	T	MR	S	CT	M	CI	VI	MD	All Disciplines
Overall											
N	7861	370	1676	1892	356	2690	2004	589	694	270	19609
Mean	$56,071	$75,819	$82,798	$71,063	$73,299	$65,775	$67,332	$70,349	$71,491	$106,777	$65,756
Median	$52,018	$72,826	$79,195	$68,738	$70,700	$62,725	$64,549	$66,787	$69,049	$103,990	$62,392
Mean by Position											
Staff Technologist/Therapist	$52,291	$72,290	$75,518	$67,807	$70,822	$62,613	$64,606	$66,962	$68,054	$96,303	$60,623
Senior/Lead Technologist/Therapist	$60,029	$78,118	$88,724	$74,607	$73,462	$71,434	$70,194	$78,627	$76,218	$103,636	$70,151
Supervisor/Manager	$70,926	$85,808	$99,511	$83,708	$82,965	$82,224	$77,730	$79,569	$80,516	$121,575	$80,362
Chief Technologist/Therapist	$58,834	$76,920	$96,477	$78,834	$72,200	$74,029	$73,099	$73,327	$85,635	$110,974	$75,512
Instructor/Faculty	$64,676	$72,740	$60,850	$86,121	$75,017	$56,288	.	$68,640	$64,480	.	$65,695
Program Director	$77,910	$77,921	$95,348	$75,105	$74,142	$72,952	$110,631	$89,821	.	.	$80,258
Administrator	$104,558	$110,073	$121,975	$108,271	$94,177	$93,849	$96,292	$102,498	$88,819	$157,576	$102,735
Corporate/Commercial Representative (sales, applications specialist, etc.)	$90,510	.	$108,229	$95,485	$68,640	$90,882	$86,531	$99,188	$96,500	$129,963	$92,921
Locum Tenens (temporary staff)	$56,579	.	$80,570	$75,013	$68,082	$67,720	$67,695	$64,792	.	$106,581	$68,465
Assistant Chief Technologist/Therapist	$62,380	.	$105,420	$54,925	.	$84,919	$87,421	$47,320	$75,620	$98,492	$74,057
Other	$53,643	$105,378	$93,493	$74,702	$121,822	$65,598	$69,541	$61,954	$74,438	$109,072	$81,242

	PACS	BD	RA	PET	QM	VS	BS	3D	BMR	Other	All Disciplines
Overall											
N	154	85	65	72	89	36	34	34	18	620	19609
Mean	$79,138	$63,072	$100,311	$83,956	$72,963	$72,386	$76,373	$81,163	$76,017	$80,079	$65,756
Median	$77,889	$60,249	$100,006	$82,281	$69,796	$72,821	$73,033	$78,364	$75,975	$75,447	$62,392
Mean by Position											
Staff Technologist/Therapist	$71,752	$62,042	$103,247	$78,018	$62,192	$69,794	$73,967	$71,055	$65,997	$56,784	$60,623
Senior/Lead Technologist/Therapist	$65,224	$59,017	$93,076	$86,800	$72,358	$72,562	$72,591	$81,404	$79,193	$73,134	$70,151
Supervisor/Manager	$80,598	$82,244	$92,656	$101,511	$75,603	$83,000	$99,420	$77,422	$99,840	$83,727	$80,362
Chief Technologist/Therapist	$78,000	$54,080	$66,560	$111,709	$69,990	.	.	$97,614	$104,000	$65,144	$75,512
Instructor/Faculty	.	$52,666	.	$87,568	.	.	.	.	.	$66,147	$65,695
Program Director	$99,647	$65,000	$85,000	.	$95,982	$120,000	.	.	.	$83,386	$80,258
Administrator	$78,861	$50,170	.	.	$80,296	.	.	.	.	$111,669	$102,735
Corporate/Commercial Representative (sales, applications specialist, etc.)	$85,726	$72,500	.	$89,483	$75,000	.	$96,000	$99,940	.	$88,055	$92,921
Locum Tenens (temporary staff)	.	.	.	.	.	.	.	.	.	.	$68,465
Assistant Chief Technologist/Therapist	.	.	.	.	$66,000	.	.	.	.	$86,000	$74,057
Other	$79,305	$79,624	$102,056	$137,280	$72,819	.	.	$76,117	.	$75,821	$81,242

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by Workplace for Each Discipline[a]

	R	N	T	MR	S	CT	M	CI	VI	MD	All Disciplines
Overall											
N	7861	370	1676	1892	356	2690	2004	589	694	270	19609
Mean	$56,071	$75,819	$82,798	$71,063	$73,299	$65,775	$67,332	$70,349	$71,491	$106,777	$65,756
Median	$52,018	$72,826	$79,195	$68,738	$70,700	$62,725	$64,549	$66,787	$69,049	$103,990	$62,392
Mean by Workplace											
Hospital (not for profit)	$60,101	$76,421	$85,507	$71,051	$73,109	$66,384	$68,881	$70,170	$72,901	$107,085	$69,029
Hospital (for profit)	$55,938	$73,109	$81,105	$72,447	$70,449	$63,323	$67,220	$70,676	$66,475	$102,500	$64,851
Clinic/Physician's Office	$49,573	$76,475	$78,014	$67,422	$69,736	$62,855	$66,130	$80,083	$67,119	$107,608	$57,264
Imaging Center/Outpatient Imaging Facility	$56,394	$77,635	$84,369	$70,997	$78,530	$67,525	$66,404	$59,100	$75,085	$115,182	$67,407
Education	$70,328	$81,777	$82,355	$74,480	$84,339	$62,622	$70,112	$73,210	$105,000	$135,200	$72,444
Government/V.A. Hospital	$54,777	$71,202	$77,042	$69,571	$63,859	$64,864	$61,508	$66,261	$69,826	$104,984	$63,790
Mobile Unit	$49,741	$75,494	.	$67,705	$92,916	$74,749	$70,542	.	.	$41,600	$56,748
Corporate	$78,720	$120,000	$97,405	$94,255	$68,640	$93,614	$82,466	$89,487	$92,669	$102,690	$91,134
Locum Tenens (temporary staff)	$76,499	$37,000	$74,674	$69,367	$74,880	$83,442	$54,080	$69,443	$68,640	$68,000	$72,269
Industrial	$53,945	.	$154,000	.	.	.	.	.	.	$140,000	$70,486
Other	$54,472	$75,037	$84,408	$76,315	$83,512	$69,638	$70,598	.	$78,247	$112,809	$63,793
	PACS	**BD**	**RA**	**PET**	**QM**	**VS**	**BS**	**3D**	**BMR**	**Other**	**All Disciplines**
Overall											
N	154	85	65	72	89	36	34	34	18	620	19609
Mean	$79,138	$63,072	$100,311	$83,956	$72,963	$72,386	$76,373	$81,163	$76,017	$80,079	$65,756
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Mean by Workplace											
Hospital (not for profit)	$78,322	$72,122	$99,498	$82,950	$74,457	$76,553	$83,263	$76,640	$76,647	$87,911	$69,029
Hospital (for profit)	$80,170	$58,329	$110,437	$85,440	$71,319	$65,198	$65,855	$84,070	$100,929	$81,103	$64,851
Clinic/Physician's Office	$74,032	$54,093	$94,832	$85,329	$75,163	$73,054	$56,031	$44,720	$70,200	$58,873	$57,264
Imaging Center/Outpatient Imaging Facility	$77,693	$64,174	$96,880	$87,936	$75,707	$66,780	$70,407	$87,619	$75,765	$83,633	$67,407
Education	$124,800	$50,066	.	.	$69,380	$120,000	.	.	.	$70,166	$72,444
Government/V.A. Hospital	$73,646	.	.	$69,889	$65,190	.	.	.	$48,339	$74,048	$63,790
Mobile Unit	.	$67,808	.	$65,706	$80,000	.	.	.	.	$73,460	$56,748
Corporate	$84,384	.	.	$102,727	$74,487	$50,000	$96,000	$90,806	.	$96,924	$91,134
Locum Tenens (temporary staff)	.	.	.	.	.	.	.	.	.	.	$72,269
Industrial	.	.	.	.	.	.	.	.	.	$74,051	$70,486
Other	$83,415	$46,800	.	$80,080	$63,973	.	.	$67,500	.	$76,872	$63,793

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Full-time Compensation Overall and by Education for Each Discipline[a]

	R	N	T	MR	S	CT	M	CI	VI	MD	Overall
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N	7861	370	1676	1892	356	2690	2004	589	694	270	19609
Mean	$56,071	$75,819	$82,798	$71,063	$73,299	$65,775	$67,332	$70,349	$71,491	$106,777	$65,756
Median	$52,018	$72,826	$79,195	$68,738	$70,700	$62,725	$64,549	$66,787	$69,049	$103,990	$62,392
Mean by Education											
Certificate(s)	$59,388	$73,178	$88,230	$72,470	$70,262	$68,518	$68,063	$75,588	$76,555	$102,862	$67,719
Associate Degree	$53,222	$73,626	$83,624	$70,537	$74,842	$64,845	$66,499	$68,849	$69,441	$108,138	$62,346
Bachelor's Degree	$56,540	$77,394	$79,206	$69,162	$71,544	$65,019	$67,810	$67,898	$71,542	$108,276	$67,937
Master's Degree	$71,501	$79,040	$95,317	$83,643	$76,858	$70,834	$74,570	$68,009	$72,812	$103,786	$79,739
Doctoral Degree (including medical)	$83,226	$105,205	$122,542	$105,883	$84,952	$68,847	.	.	$69,160	$105,993	$90,014
Other	$57,081	$78,770	$74,982	$78,563	$83,922	$64,778	$77,225	$77,800	$114,789	$111,000	$68,329
	PACS	**BD**	**RA**	**PET**	**QM**	**VS**	**BS**	**3D**	**BMR**	**Other**	**Overall**
Overall											
N	154	85	65	72	89	36	34	34	18	620	19609
Mean	$79,138	$63,072	$100,311	$83,956	$72,963	$72,386	$76,373	$81,163	$76,017	$80,079	$65,756
Median	$77,889	$60,249	$100,006	$82,281	$69,796	$72,821	$73,033	$78,364	$75,975	$75,447	$62,392
Mean by Education											
Certificate(s)	$78,883	$68,315	$84,000	$84,998	$70,218	$64,605	$75,770	$86,073	$79,387	$80,102	$67,719
Associate Degree	$75,683	$58,681	$72,047	$86,285	$71,094	$71,746	$73,299	$84,393	$77,172	$72,124	$62,346
Bachelor's Degree	$79,581	$63,401	$106,679	$80,637	$74,934	$73,714	$82,182	$76,260	$70,514	$79,378	$67,937
Master's Degree	$95,290	$52,666	$99,650	$103,366	$74,173	.	.	$69,000	.	$94,073	$79,739
Doctoral Degree (including medical)	.	$125,000	.	.	.	$120,000	.	.	.	$95,057	$90,014
Other	$67,080	$59,310	.	.	$120,640	.	.	.	.	$55,680	$68,329

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by Years in Profession for Each Discipline[a]

	R	N	T	MR	S	CT	M	CI	VI	MD	Overall
Overall											
N	7861	370	1676	1892	356	2690	2004	589	694	270	19609
Mean	$56,071	$75,819	$82,798	$71,063	$73,299	$65,775	$67,332	$70,349	$71,491	$106,777	$65,756
Median	$52,018	$72,826	$79,195	$68,738	$70,700	$62,725	$64,549	$66,787	$69,049	$103,990	$62,392
Mean by Years in Profession											
2 years or less	$45,276	$60,080	$63,896	$53,203	$59,364	$50,024	$54,119	$49,329	$59,512	$76,986	$48,303
3 to 5 years	$47,985	$62,024	$68,112	$58,004	$59,657	$54,895	$57,443	$57,424	$57,765	$92,156	$52,999
6 to 10 years	$51,967	$70,135	$76,306	$64,047	$63,917	$59,804	$60,108	$61,370	$64,266	$89,858	$58,998
11 to 15 years	$56,783	$68,560	$82,621	$70,129	$68,532	$64,175	$62,232	$70,570	$71,581	$100,149	$64,706
16 to 20 years	$60,281	$76,383	$91,380	$72,723	$77,995	$71,589	$67,962	$73,413	$77,730	$114,527	$71,312
21 to 30 years	$64,164	$82,834	$94,786	$75,496	$77,987	$71,112	$69,542	$77,563	$79,358	$111,731	$74,467
31 years or more	$66,933	$80,124	$95,164	$78,570	$78,557	$73,861	$71,905	$78,911	$80,051	$114,322	$74,682
	PACS	**BD**	**RA**	**PET**	**QM**	**VS**	**BS**	**3D**	**BMR**	**Other**	**Overall**
Overall											
N	154	85	65	72	89	36	34	34	18	620	19609
Mean	$79,138	$63,072	$100,311	$83,956	$72,963	$72,386	$76,373	$81,163	$76,017	$80,079	$65,756
Median	$77,889	$60,249	$100,006	$82,281	$69,796	$72,821	$73,033	$78,364	$75,975	$75,447	$62,392
Mean by Years in Profession											
2 years or less	$68,640	$41,149	.	$62,526	$48,808	$50,965	.	.	$48,464	$40,746	$48,303
3 to 5 years	$66,652	$52,891	$97,738	$62,953	$54,569	$50,000	$41,454	$49,823	.	$50,660	$52,999
6 to 10 years	$69,341	$53,855	$92,700	$84,240	$71,529	$64,909	$72,658	$79,627	$63,511	$67,924	$58,998
11 to 15 years	$83,057	$56,085	$110,216	$78,739	$68,954	.	$64,602	$71,265	$71,171	$72,351	$64,706
16 to 20 years	$78,956	$67,521	$101,515	$81,099	$64,860	$75,401	$68,188	$95,712	$66,560	$80,768	$71,312
21 to 30 years	$81,345	$67,829	$98,795	$92,520	$73,077	$73,353	$78,327	$80,506	$84,238	$86,234	$74,467
31 years or more	$81,985	$65,647	$98,188	$88,255	$79,381	$88,778	$86,640	$91,580	$93,162	$88,227	$74,682

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by State for Each Discipline[a]

	R	N	T	MR	S	CT	M	CI	VI	MD	Overall
Overall											
N	7861	370	1676	1892	356	2690	2004	589	694	270	19609
Mean	$56,071	$75,819	$82,798	$71,063	$73,299	$65,775	$67,332	$70,349	$71,491	$106,777	$65,756
Median	$52,018	$72,826	$79,195	$68,738	$70,700	$62,725	$64,549	$66,787	$69,049	$103,990	$62,392
State											
Alabama	$42,433	$60,336	$65,411	$57,640	$68,433	$53,550	$52,119	$57,201	$52,737	$86,575	$52,230
Alaska	$60,793	$88,400	$79,040	$88,608	$88,449	$73,481	$79,491	.	.	.	$76,802
Arizona	$57,944	$80,777	$82,207	$76,760	$83,463	$68,997	$67,222	$77,458	$76,488	$121,600	$68,748
Arkansas	$46,936	$52,104	$69,441	$55,951	$66,861	$59,835	$56,533	$54,362	$62,162	$103,251	$54,998
California	$81,276	$99,645	$108,989	$97,486	$109,379	$91,912	$91,773	$104,865	$97,048	$130,852	$92,396
Colorado	$52,922	$78,769	$92,498	$75,646	$79,575	$72,017	$69,911	$72,974	$78,049	$110,034	$67,360
Connecticut	$60,539	$89,130	$87,832	$79,892	$88,053	$76,700	$74,087	$59,280	$84,696	$126,880	$72,507
Delaware	$62,208	.	$100,996	$79,307	$96,787	$46,862	$74,897	$65,520	$73,112	$109,720	$76,728
DC	$70,019	.	$82,109	$104,707	.	$83,704	$72,525	.	$89,103	.	$81,083
Florida	$49,834	$69,795	$77,019	$64,817	$69,576	$58,827	$60,405	$62,158	$65,243	$100,489	$60,206
Georgia	$50,444	$72,340	$74,470	$68,140	$68,685	$60,087	$66,078	$69,061	$64,675	$119,057	$60,701
Hawaii	$69,962	.	$87,585	$93,163	$80,000	$82,240	$80,385	$82,722	$64,480	$125,000	$79,182
Idaho	$52,882	$77,803	$79,489	$66,751	$67,035	$63,410	$64,320	$71,916	$70,749	.	$61,687
Illinois	$57,441	$67,347	$82,749	$71,314	$67,477	$65,554	$71,488	$71,170	$73,549	$101,853	$67,169
Indiana	$52,515	$72,274	$71,684	$65,857	$64,420	$58,163	$60,098	$68,141	$61,951	$108,000	$60,204
Iowa	$49,325	$84,366	$75,258	$63,773	$65,041	$53,661	$57,961	$51,635	$57,488	$118,213	$57,857
Kansas	$51,001	$70,808	$69,577	$63,534	$70,096	$56,517	$59,352	$58,272	$55,751	$111,767	$59,833
Kentucky	$47,017	$68,459	$79,201	$60,588	$58,900	$55,277	$67,077	$61,863	$62,138	$120,000	$56,190
Louisiana	$50,963	$72,420	$71,275	$61,945	$58,892	$54,899	$60,496	$54,958	$63,073	$110,803	$57,321
Maine	$55,950	$58,188	$68,403	$76,646	$75,483	$59,964	$63,931	$62,400	$58,323	$111,750	$63,491
Maryland	$61,546	$67,815	$78,032	$74,480	$53,664	$74,892	$71,207	$82,304	$72,951	$79,080	$69,546
Massachusetts	$69,209	$96,330	$90,742	$86,410	$79,914	$80,093	$85,897	$89,100	$83,367	$122,500	$79,126
Michigan	$50,583	$68,706	$70,872	$64,266	$62,025	$60,560	$59,027	$63,042	$60,099	$94,449	$59,016
Minnesota	$59,772	$81,762	$76,127	$73,178	$77,055	$68,782	$66,833	$73,281	$69,710	$98,630	$67,974
Mississippi	$45,464	$63,014	$74,168	$57,381	$63,315	$53,801	$53,815	$59,282	$61,835	$95,020	$54,447
Missouri	$50,845	$94,320	$75,336	$62,719	$71,016	$57,241	$58,249	$66,337	$63,825	$105,787	$60,883
Montana	$51,002	$73,771	$85,080	$59,194	$72,218	$58,736	$60,424	$69,243	$51,002	$51,002	$60,392

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by State for Each Discipline[a]

	R	N	T	MR	S	CT	M	CI	VI	MD	Overall
Overall											
N	7861	370	1676	1892	356	2690	2004	589	694	270	19609
Mean	$56,071	$75,819	$82,798	$71,063	$73,299	$65,775	$67,332	$70,349	$71,491	$106,777	$65,756
Median	$52,018	$72,826	$79,195	$68,738	$70,700	$62,725	$64,549	$66,787	$69,049	$103,990	$62,392
State											
Nebraska	$51,262	$60,147	$75,222	$61,306	$70,320	$54,031	$59,115	$60,450	$73,268	$112,400	$56,529
Nevada	$64,330	$89,193	$87,173	$77,519	$78,130	$72,622	$68,104	$96,372	$80,052	$99,720	$75,317
New Hampshire	$58,045	$88,920	$82,718	$72,384	$86,500	$72,277	$70,108	$86,840	$71,240	$55,000	$68,208
New Jersey	$61,120	$95,391	$100,738	$83,008	$79,560	$76,140	$74,123	$76,024	$79,897	$104,400	$72,849
New Mexico	$56,570	.	$83,954	$76,051	$66,948	$56,972	$68,067	$69,514	$70,543	$138,000	$62,533
New York	$62,559	$86,767	$89,187	$79,744	$75,200	$72,866	$67,582	$76,958	$82,211	$92,718	$72,482
North Carolina	$52,169	$70,218	$77,279	$65,011	$72,365	$61,736	$62,083	$70,196	$75,754	$106,415	$61,423
North Dakota	$49,331	$61,932	$65,678	$57,925	$64,355	$58,210	$57,148	$53,376	$49,912	$74,672	$55,260
Ohio	$53,771	$72,074	$72,031	$63,846	$57,248	$58,888	$60,950	$63,956	$66,190	$95,242	$60,295
Oklahoma	$51,156	$68,124	$77,819	$61,749	$57,322	$56,665	$57,176	$69,461	$66,364	$122,333	$58,493
Oregon	$65,547	$83,992	$95,413	$85,825	$82,493	$76,498	$69,687	$88,847	$68,016	$104,347	$75,909
Pennsylvania	$53,154	$68,706	$84,683	$66,790	$64,565	$62,153	$61,275	$64,282	$65,331	$108,457	$61,723
Rhode Island	$64,092	$68,900	$92,716	$80,951	$83,893	$81,724	$68,986	.	$74,443	.	$73,689
South Carolina	$49,579	$72,494	$82,035	$63,010	$64,330	$58,706	$58,337	$63,925	$67,865	$114,204	$58,877
South Dakota	$48,966	.	$73,958	$56,730	$60,944	$52,017	$50,740	$69,888	$56,586	.	$54,122
Tennessee	$47,780	$60,137	$74,829	$61,440	$65,666	$56,042	$58,353	$57,937	$55,938	$94,638	$57,094
Texas	$55,610	$75,038	$79,068	$68,081	$79,629	$65,395	$64,423	$70,509	$67,649	$107,410	$65,258
Utah	$52,186	$68,440	$94,695	$72,628	$80,789	$65,712	$66,622	$54,574	$60,431	$59,280	$61,101
Vermont	$61,515	$84,240	$84,646	$79,862	$69,716	$60,507	$65,224	.	$88,806	$113,958	$71,243
Virginia	$55,044	$71,590	$80,565	$70,994	$74,760	$64,227	$67,804	$67,823	$75,657	$100,764	$63,991
Washington	$66,792	$101,635	$96,637	$83,568	$90,289	$77,139	$84,427	$84,587	$95,605	$141,604	$79,311
West Virginia	$48,271	$58,975	$65,546	$61,239	$61,623	$52,895	$57,418	$61,969	$56,514	$78,412	$55,960
Wisconsin	$54,806	$92,460	$79,332	$71,021	$78,156	$63,216	$65,729	$68,607	$68,411	$91,634	$63,212
Wyoming	$55,200	.	$115,627	$66,812	$68,120	$57,850	$51,314	$61,741	$66,560	$116,480	$62,150

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by State for Each Discipline[a]

	PACS	BD	RA	PET	QM	VS	BS	3D	BMR	Other	Overall
Overall											
N	154	85	65	72	89	36	34	34	18	620	19,609
Mean	$79,138	$63,072	$100,311	$83,956	$72,963	$72,386	$76,373	$81,163	$76,017	$80,079	$65,756
Median	$77,889	$60,249	$100,006	$82,281	$69,796	$72,821	$73,033	$78,364	$75,975	$75,447	$62,392
State											
Alabama	$90,233	$43,472	.	$60,467	.	$58,587	$62,171	.	.	$65,207	$52,230
Alaska	$106,000	.	.	.	$91,421	.	.	.	.	$102,750	$76,802
Arizona	.	$54,427	$98,000	$87,845	.	$68,224	$95,680	.	$77,126	$83,479	$68,748
Arkansas	$60,000	.	.	$80,000	$66,000	.	$51,605	$100,000	.	$59,618	$54,998
California	$112,613	$73,156	$126,667	$95,475	$122,039	$92,841	$112,320	$95,972	$93,600	$103,076	$92,396
Colorado	$82,813	$65,370	$94,200	$80,000	$66,615	.	$80,080	.	$62,712	$76,160	$67,360
Connecticut	.	.	.	$85,696	$69,618	.	$112,864	.	$88,053	$101,343	$72,507
Delaware	$64,480	.	.	.	.	.	.	.	.	$112,000	$76,728
DC	$96,000	.	.	.	.	.	.	.	.	$84,760	$81,083
Florida	$88,699	$52,884	$107,000	$73,356	$59,156	$60,320	$73,237	.	.	$79,100	$60,206
Georgia	$75,469	$57,734	$92,500	$62,275	$71,289	.	.	$110,000	$71,136	$75,718	$60,701
Hawaii	$77,180	.	.	.	.	.	.	.	.	$83,990	$79,182
Idaho	.	.	.	$72,800	.	$43,576	.	.	.	$67,432	$61,687
Illinois	$74,537	$59,148	.	$95,000	$82,184	.	.	.	.	$82,251	$67,169
Indiana	$69,726	$52,666	$100,000	$66,331	.	$71,222	.	$54,080	.	$68,482	$60,204
Iowa	$51,542	.	$87,000	.	.	.	.	.	.	$67,795	$57,857
Kansas	$69,160	$64,480	$90,203	$85,758	.	$73,008	.	.	.	$83,489	$59,833
Kentucky	.	.	$99,440	.	.	.	.	$70,250	.	$67,800	$56,190
Louisiana	$54,402	.	.	$80,628	$71,000	$61,949	.	.	.	$67,069	$57,321
Maine	$65,269	.	.	.	.	$83,000	.	.	.	$76,464	$63,491
Maryland	$88,633	$52,100	.	$104,000	$100,579	.	.	.	.	$88,510	$69,546
Massachusetts	$89,000	$80,080	.	$89,731	$140,000	.	.	.	$101,920	$94,896	$79,126
Michigan	$72,780	.	$126,750	$78,624	$80,000	.	$63,579	$63,981	.	$89,944	$59,016
Minnesota	$79,231	.	$93,000	$76,656	$80,545	.	$71,240	$100,000	.	$89,890	$67,974
Mississippi	$82,500	.	$123,000	.	.	.	$62,442	.	.	$81,090	$54,447
Missouri	$67,250	$62,920	.	$85,280	$54,827	$72,467	$58,510	$54,080	$48,464	$88,460	$60,883
Montana	.	.	$160,000	.	$80,080	.	$72,800	$72,800	.	$95,000	$60,392

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Full-time Compensation Overall and by State for Each Discipline[a]

	PACS	BD	RA	PET	QM	VS	BS	3D	BMR	Other	Overall
Overall											
N	154	85	65	72	89	36	34	34	18	620	19609
Mean	$79,138	$63,072	$100,311	$83,956	$72,963	$72,386	$76,373	$81,163	$76,017	$80,079	$65,756
Median	$77,889	$60,249	$100,006	$82,281	$69,796	$72,821	$73,033	$78,364	$75,975	$75,447	$62,392
State											
Nebraska	$67,000	$48,433	.	.	.	.	.	.	.	$72,499	$56,529
Nevada	.	.	.	.	.	.	.	.	.	$93,260	$75,317
New Hampshire	.	$83,200	.	$85,280	.	.	.	$67,600	.	$79,127	$68,208
New Jersey	$77,000	$65,867	$111,000	$125,320	.	.	.	$110,000	.	$97,499	$72,849
New Mexico	$79,040	$50,024	.	.	$68,000	.	.	.	.	$66,981	$62,533
New York	$95,800	$59,881	$100,253	$86,154	$72,602	.	$81,328	$88,713	$62,400	$94,775	$72,482
North Carolina	$74,576	$58,833	$91,964	$79,840	$73,666	$77,473	.	$79,034	.	$71,229	$61,423
North Dakota	.	.	$92,000	$81,994	$68,000	.	.	.	.	$86,400	$55,260
Ohio	$67,660	$66,295	$102,500	$67,600	$68,251	$120,000	$62,338	$74,875	.	$71,772	$60,295
Oklahoma	$87,133	.	$80,000	$83,200	.	.	.	.	.	$67,310	$58,493
Oregon	$87,360	$70,288	$66,019	$66,019	.	.	.	.	.	$89,664	$75,909
Pennsylvania	$68,884	$75,648	$105,800	$137,280	$65,509	$81,120	.	$64,480	.	$74,578	$61,723
Rhode Island	.	.	.	.	.	.	.	.	.	$87,018	$73,689
South Carolina	$65,940	.	.	$74,308	$51,000	.	$64,022	.	.	$69,579	$58,877
South Dakota	$65,000	$40,331	.	.	$75,000	.	.	.	.	$74,933	$54,122
Tennessee	$82,394	.	$85,800	$54,860	.	.	$53,487	.	.	$68,261	$57,094
Texas	$79,892	$64,427	$104,500	$89,641	$63,680	$72,800	$72,800	.	$75,920	$80,298	$65,258
Utah	.	.	$85,000	.	$57,200	.	.	.	.	.	$61,101
Vermont	$61,714	.	$95,000	.	.	.	.	.	.	$80,333	$71,243
Virginia	$72,907	$55,488	$111,500	$79,768	$62,000	$51,168	$72,488	$97,614	$74,090	$78,129	$63,991
Washington	$83,939	.	$108,750	.	$83,069	.	.	.	.	$98,821	$79,311
West Virginia	$72,516	$43,846	$60,000	$81,120	.	.	.	.	.	$62,339	$55,960
Wisconsin	$75,178	$72,384	.	.	$59,342	.	$77,428	$91,520	.	$75,912	$63,212
Wyoming	.	.	.	$79,000	.	.	.	.	.	$76,600	$62,150

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Are you paid an hourly wage or a salary?

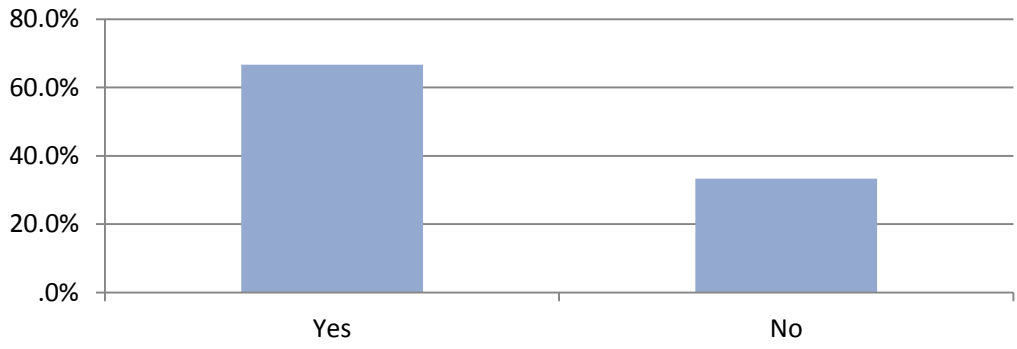
	N	Valid Percent
Hourly Wage	20350	88.8%
Salary	2570	11.2%
Total	**22920**	**100.0%**

Are you paid an hourly wage or a salary?

Have you received a raise in the past 12 months?

	N	Valid Percent
Yes	15287	66.7%
No	7633	33.3%
Total	**22920**	**100.0%**
If yes, by what percentage did your compensation increase?	**Mean**	**2.9%** (*SD*= 3.2%)
	Percentiles	5th=0.8%, 25th=1.9%, 50th=2.0%, 75th=3.0%, 95th=6.1%

Have you received a raise in the past 12 months?



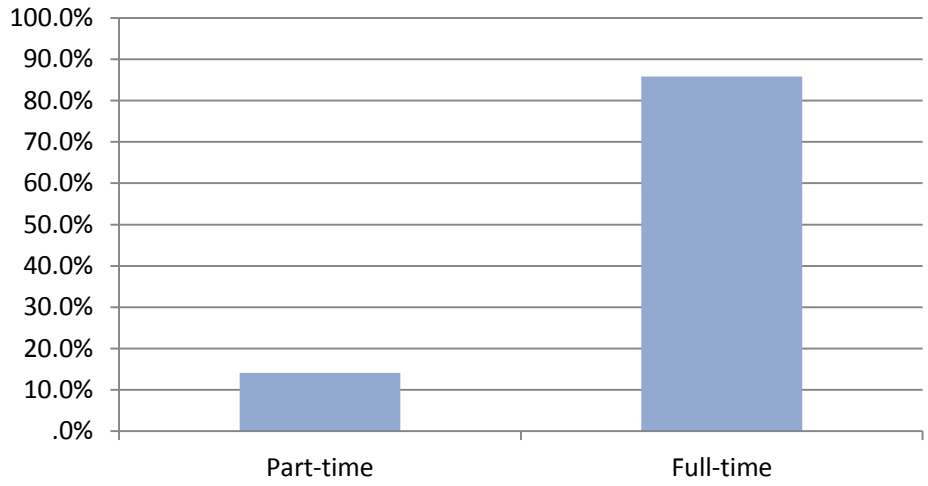
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Working Hours

Do you work Full-time or Part-time?

	N	Valid Percent
Part-time	3236	14.1%
Full-time	19640	85.9%
Total	**22876**	**100.0%**

Do you work Full-time or Part-time?

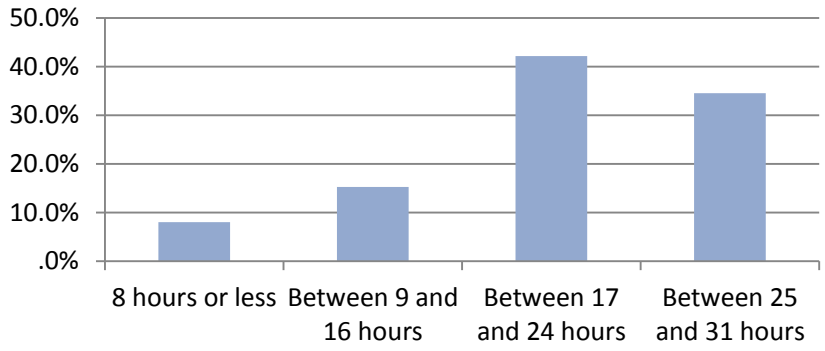


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Part-Time Hours Worked

	N	Valid Percent
8 hours or less	259	8.0%
Between 9 and 16 hours	493	15.2%
Between 17 and 24 hours	1366	42.2%
Between 25 and 31 hours	1118	34.5%
Total	**3236**	**100.0%**
Mean	**21.8 hours** (*SD*=6.9 hours)	
Percentiles	5th=7.9, 25th=19.0, 50th=23.7 75th=27.8 95th=30.5	

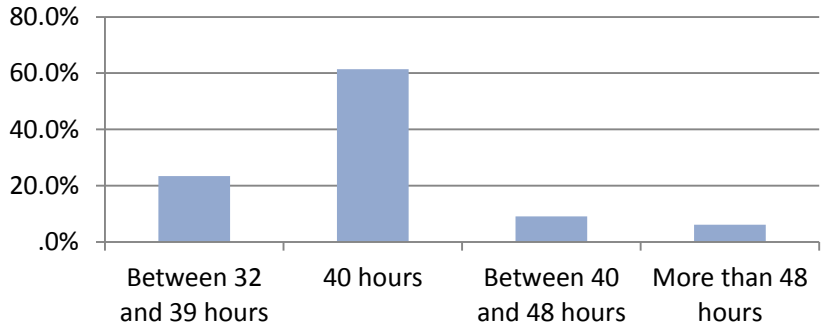
Part-Time Hours Worked



Full-Time Hours Worked

	N	Valid Percent
Between 32 and 39 hours	4594	23.4%
40 hours	12051	61.4%
Between 40 and 48 hours	1788	9.1%
More than 48 hours	1207	6.1%
Total	**19640**	**100.0%**
Mean	**40.2 hours** (*SD*=5.1 hours)	
Percentiles	5th=32.3, 25th=39.1, 50th=39.9, 75th=40.7, 95th=49.8	

Full-Time Hours Worked



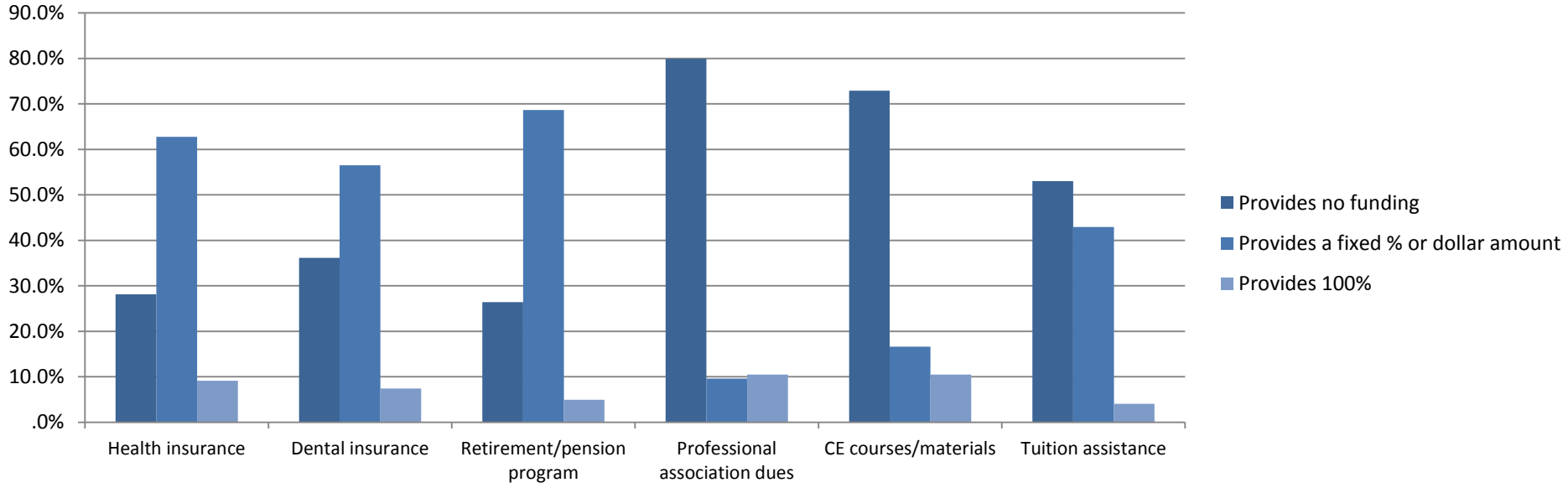
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Benefits and Professional Development

Please indicate how much funding your employer provides toward each of the benefits listed below.

	Health insurance		Dental insurance		Retirement/pension program		Professional association dues		CE courses/materials		Tuition assistance	
	N	Valid Percent	N	Valid Percent	N	Valid Percent	N	Valid Percent	N	Valid Percent	N	Valid Percent
Provides no funding	5423	28.1%	6832	36.1%	5076	26.4%	14822	79.9%	13610	72.9%	9093	53.0%
Provides a fixed % or dollar amount	12097	62.8%	10679	56.5%	13186	68.6%	1778	9.6%	3107	16.6%	7361	42.9%
Provides 100%	1754	9.1%	1401	7.4%	947	4.9%	1945	10.5%	1960	10.5%	695	4.1%
Total	**19274**	**100.0%**	**18912**	**100.0%**	**19209**	**100.0%**	**18545**	**100.0%**	**18677**	**100.0%**	**17149**	**100.0%**
Unsure	1311	6.4%	1387	6.8%	985	4.9%	901	4.6%	986	5.0%	2408	12.3%

Please indicate how much funding your employer provides toward each of the benefits listed below.



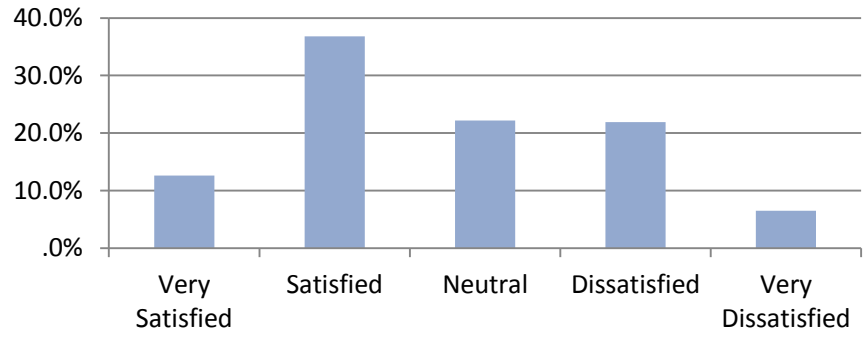
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Satisfaction with Compensation and Benefits

Please rate your level of satisfaction with your current wage/salary.

	N	Valid Percent
Very Satisfied	2892	12.6%
Satisfied	8415	36.8%
Neutral	5076	22.2%
Dissatisfied	5008	21.9%
Very Dissatisfied	1483	6.5%
Total	**22874**	**100.0%**

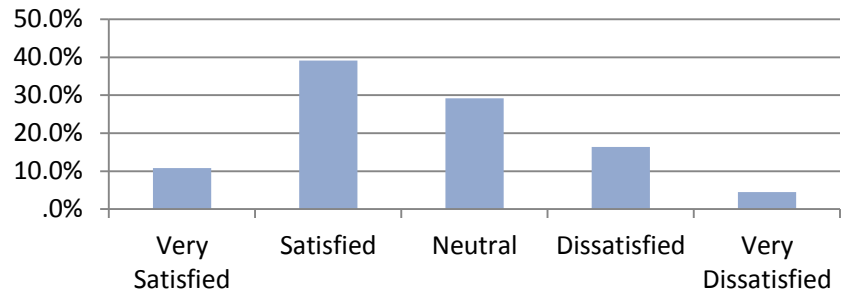
Please rate your level of satisfaction with your current wage/salary.



Please rate your overall level of satisfaction with your current benefits.

	N	Valid Percent
Very Satisfied	2466	10.8%
Satisfied	8916	39.2%
Neutral	6638	29.1%
Dissatisfied	3735	16.4%
Very Dissatisfied	1017	4.5%
Total	**22772**	**100.0%**

Please rate your overall level of satisfaction with your current benefits.



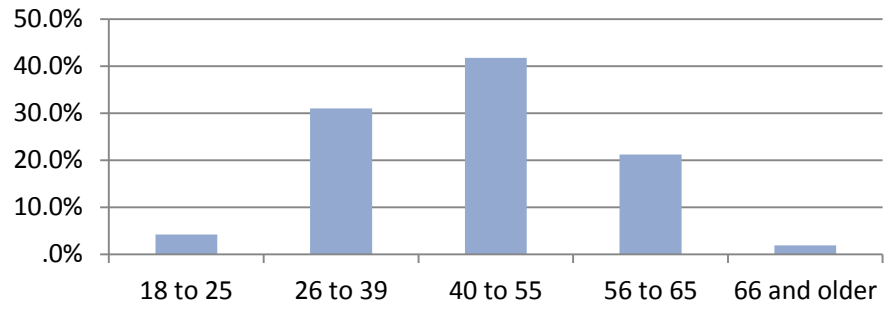
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

General Demographics

Age

	N	Valid Percent
18 to 25	935	4.2%
26 to 39	6898	31.0%
40 to 55	9300	41.8%
56 to 65	4718	21.2%
66 and older	423	1.9%
Total	**22274**	**100.0%**
Mean age		**45.3** (*SD*=11.9)
Percentiles		5th=26.2, 25th=35.2, 50th=45.8, 75th=55.1, 95th=63.1

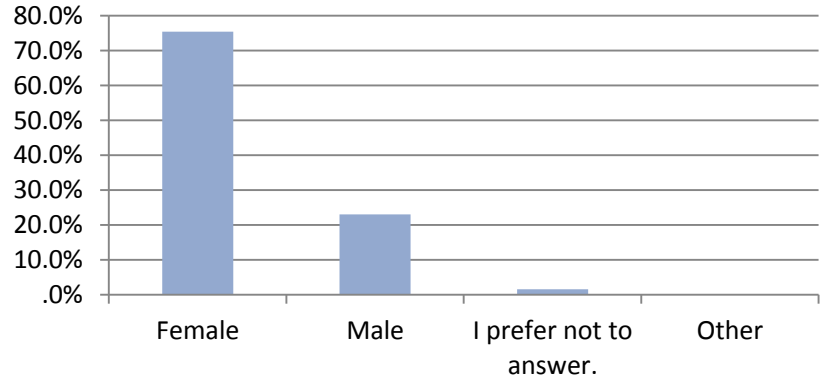
Age



What is your gender?

	N	Valid Percent
Female	17232	75.4%
Male	5255	23.0%
I prefer not to answer.	348	1.5%
Other	9	.0%
Total	**22844**	**100.0%**

What is your gender?



Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

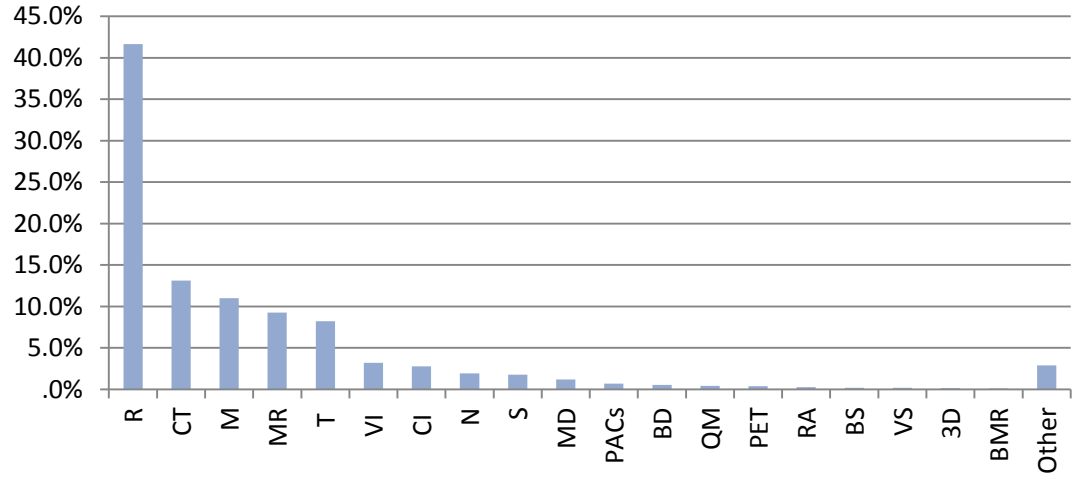
Discipline Demographics

What is your primary discipline in your current job position[a]?

	N	Valid Percent
R	9548	41.7%
CT	3005	13.1%
M	2519	11.0%
MR	2126	9.3%
T	1883	8.2%
VI	734	3.2%
CI	639	2.8%
N	444	1.9%
S	407	1.8%
MD	277	1.2%
PACs	159	.7%
BD	126	.5%
QM	94	.4%
PET	85	.4%
RA	66	.3%
BS	44	.2%
VS	42	.2%
3D	35	.2%
BMR	23	.1%
Other	664	2.9%
Total	**22920**	**100.0%**

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

What is your primary discipline in your current job position?

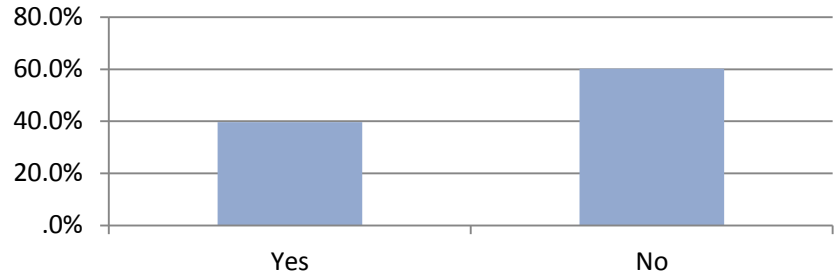


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Do you practice in a secondary discipline in your current job position?

	N	Valid Percent
Yes	9107	39.7%
No	13813	60.3%
Total	**22920**	**100.0%**

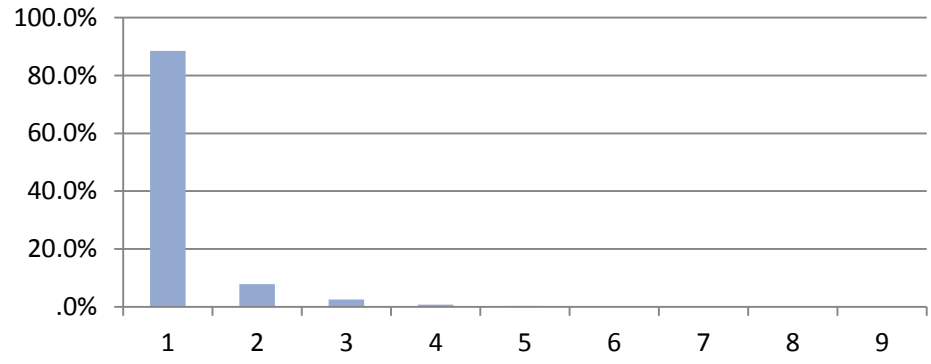
Do you practice in a secondary discipline in your current job position?



Number of Secondary Disciplines

	N	Valid Percent
1	8059	88.5%
2	713	7.8%
3	229	2.5%
4	65	.7%
5	25	.3%
6	10	.1%
7	3	.0%
8	1	.0%
9	2	.0%
Total	**9107**	**100.0%**
Mean		**1.2** (*SD*=0.58)
Percentiles		5th=1.0 25th=1.0 50th=1.1 75th=1.6 95th=2.5

Number of Secondary Disciplines



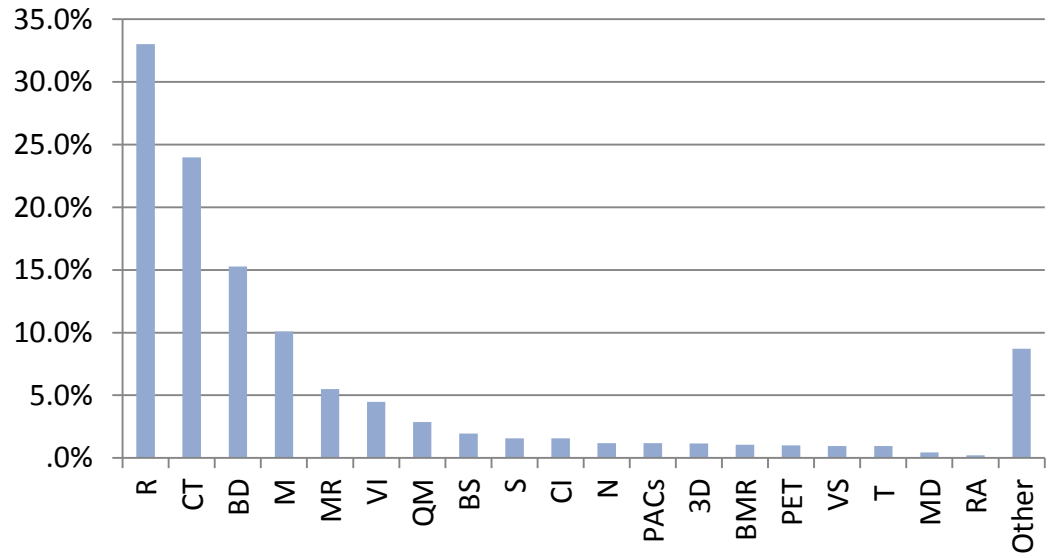
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

What is your Secondary Discipline[a]?

	N	Percent of Cases
R	3007	33.0%
CT	2185	24.0%
BD	1390	15.3%
M	919	10.1%
MR	501	5.5%
VI	408	4.5%
QM	261	2.9%
BS	177	1.9%
S	143	1.6%
CI	143	1.6%
N	108	1.2%
PACs	107	1.2%
3D	104	1.1%
BMR	95	1.0%
PET	90	1.0%
VS	87	1.0%
T	86	.9%
MD	41	.5%
RA	18	.2%
Other	794	8.7%

[a]R=radiography; N=nuclear medicine; T=radiation therapy; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CI=cardiac interventional; VI=Vascular Interventional ; MD=medical dosimetry; PACS=Imaging Informatics/PACS Administrator; BD=bone densitometry; RA= registered radiologist assistant or RPA; PET= Fusion (e.g. PET/CT, SPEC/CT); QM=quality management; VS=vascular sonography; BS=breast sonography; 3D = 3D image postprocessing; BMR= Breast MRI; Decimal point=not available.

What is your secondary discipline?



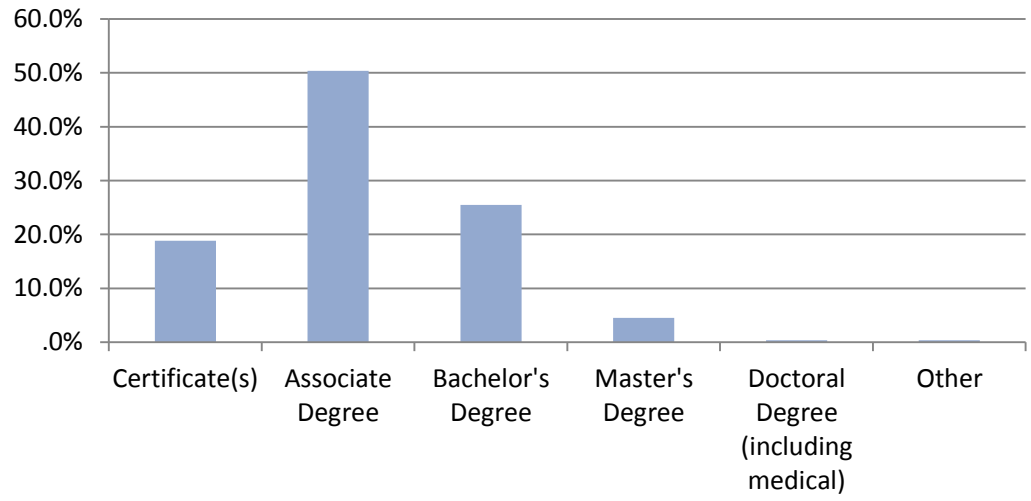
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Professional Demographics

Highest Level of Education Completed

	N	Valid Percent
Certificate(s)	4316	18.8%
Associate Degree	11545	50.4%
Bachelor's Degree	5848	25.5%
Master's Degree	1042	4.5%
Doctoral Degree (including medical)	84	.4%
Other	85	.4%
Total	**22920**	**100.0%**

Highest level of education completed

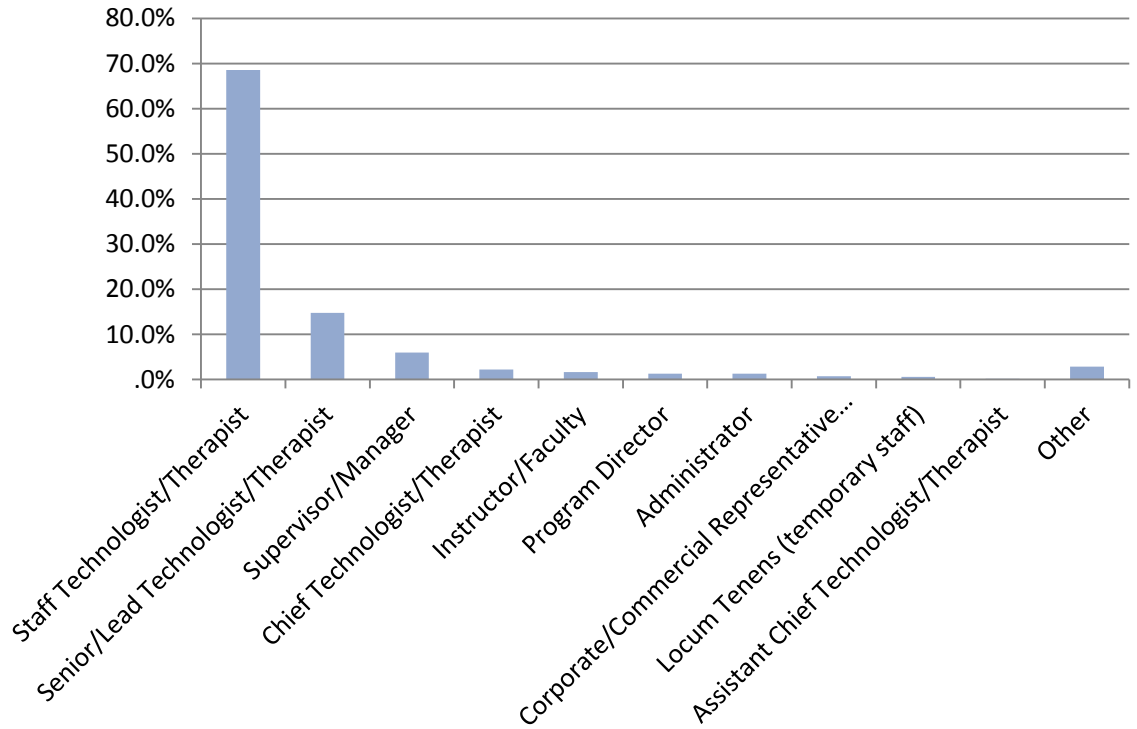


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Which of the following titles best describes your current job position?

	N	Valid Percent
Staff Technologist/Therapist	15702	68.5%
Senior/Lead Technologist/Therapist	3378	14.7%
Supervisor/Manager	1364	6.0%
Chief Technologist/Therapist	500	2.2%
Instructor/Faculty	380	1.7%
Program Director	297	1.3%
Administrator	293	1.3%
Corporate Representative	168	.7%
Locum Tenens (temporary staff)	133	.6%
Assistant Chief Technologist/Therapist	44	.2%
Other	657	2.9%
Total	**22916**	**100.0%**

Which of the following titles best describes your current job position?

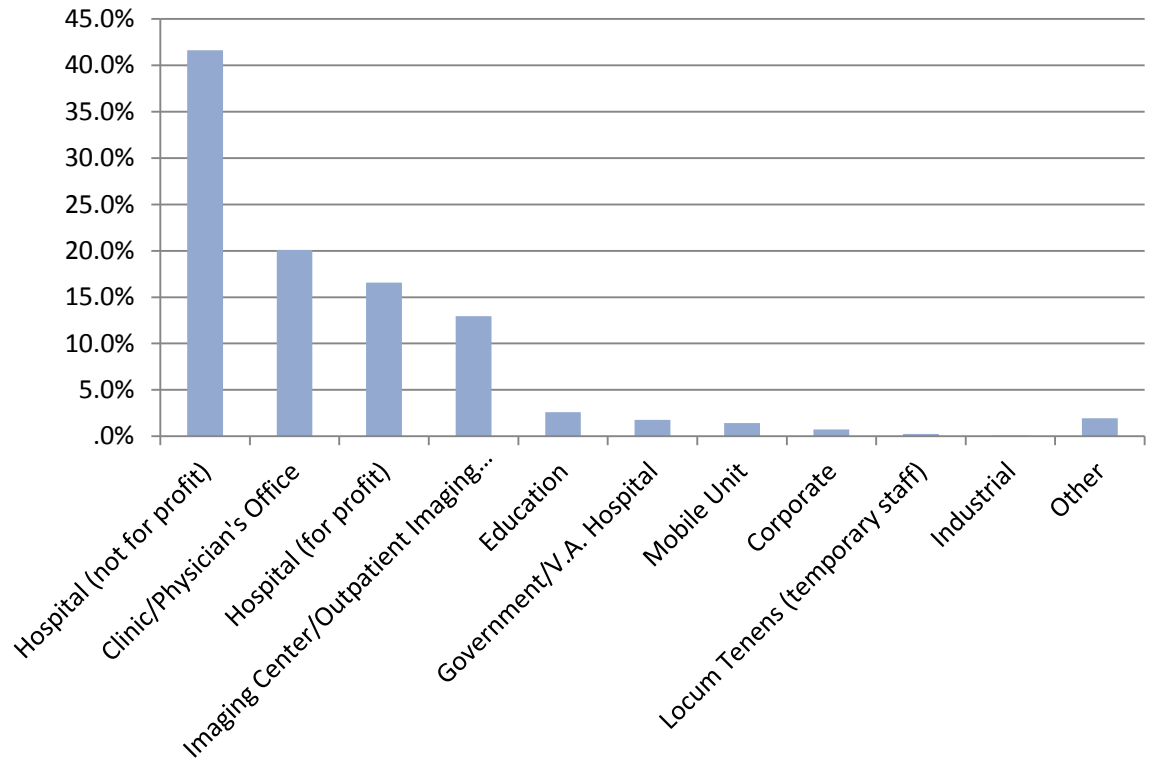


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

In which employment setting is your current job position?

	N	Valid Percent
Hospital (not for profit)	9546	41.6%
Clinic/Physician's Office	4606	20.1%
Hospital (for profit)	3802	16.6%
Imaging Center/Outpatient Imaging Facility	2967	12.9%
Education	595	2.6%
Government/V.A. Hospital	405	1.8%
Mobile Unit	328	1.4%
Corporate	164	.7%
Locum Tenens (temporary staff)	52	.2%
Industrial	15	.1%
Other	440	1.9%
Total	**22920**	**100.0%**

In which employment setting is your current job position?

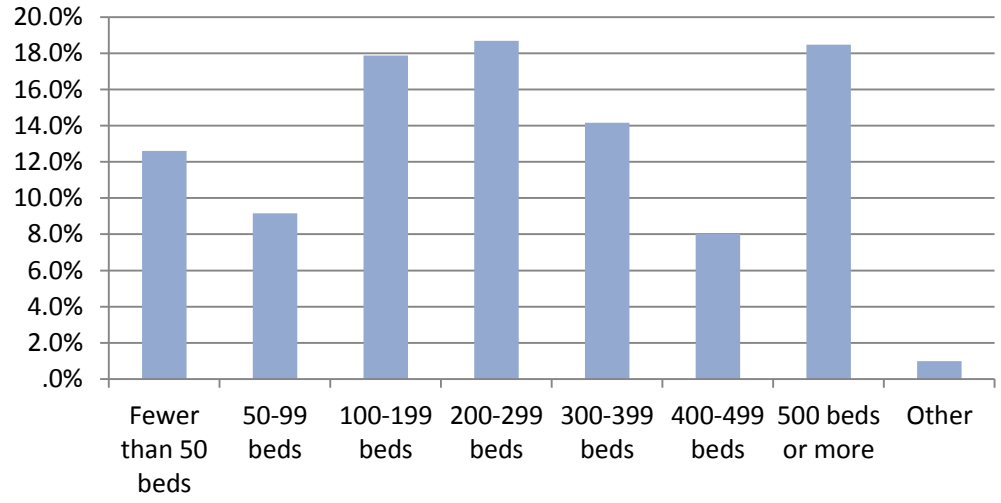


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

What is the size (in number of beds) of the hospital of your current job position?

	N	Valid Percent
Fewer than 50 beds	1735	12.6%
50-99 beds	1259	9.2%
100-199 beds	2460	17.9%
200-299 beds	2570	18.7%
300-399 beds	1949	14.2%
400-499 beds	1104	8.0%
500 beds or more	2541	18.5%
Other	135	1.0%
Total	**13753**	**100.0%**

What is the size (in number of beds) of the hospital of your current job position?



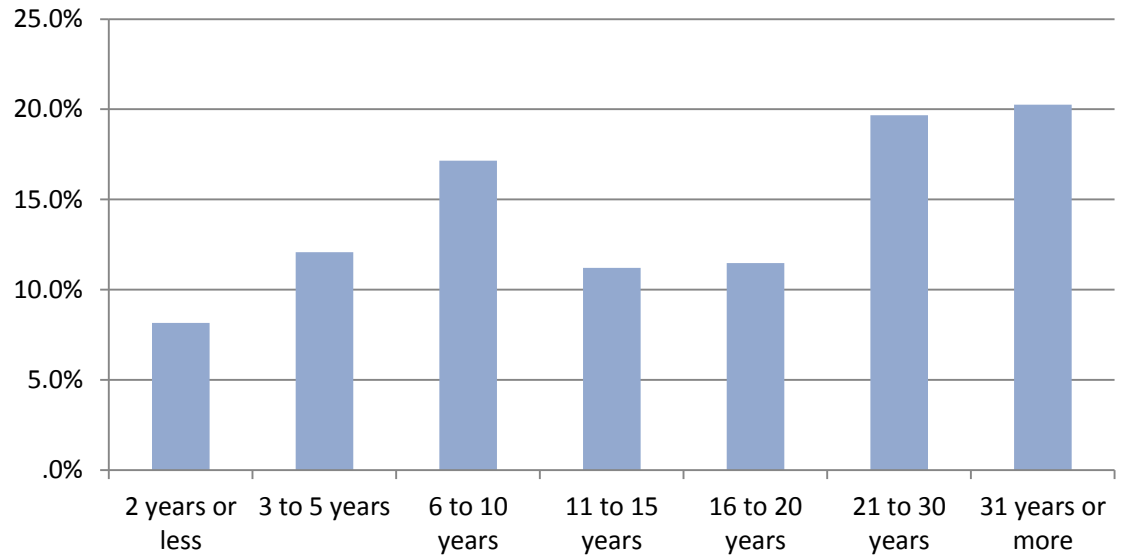
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Years in Profession and Current Position

How many years have you worked in the Radiologic Sciences?

	N	Valid Percent
2 years or less	1870	8.2%
3 to 5 years	2769	12.1%
6 to 10 years	3930	17.1%
11 to 15 years	2570	11.2%
16 to 20 years	2629	11.5%
21 to 30 years	4508	19.7%
31 years or more	4642	20.3%
Total	**22918**	**100.0%**
Mean	**18.1** (*SD*=12.7)	
Percentiles	5th=1.9, 25th=7.0 50th=16.1 75th=28.3 95th=40.3	

How many years have you worked in the Radiologic Sciences?

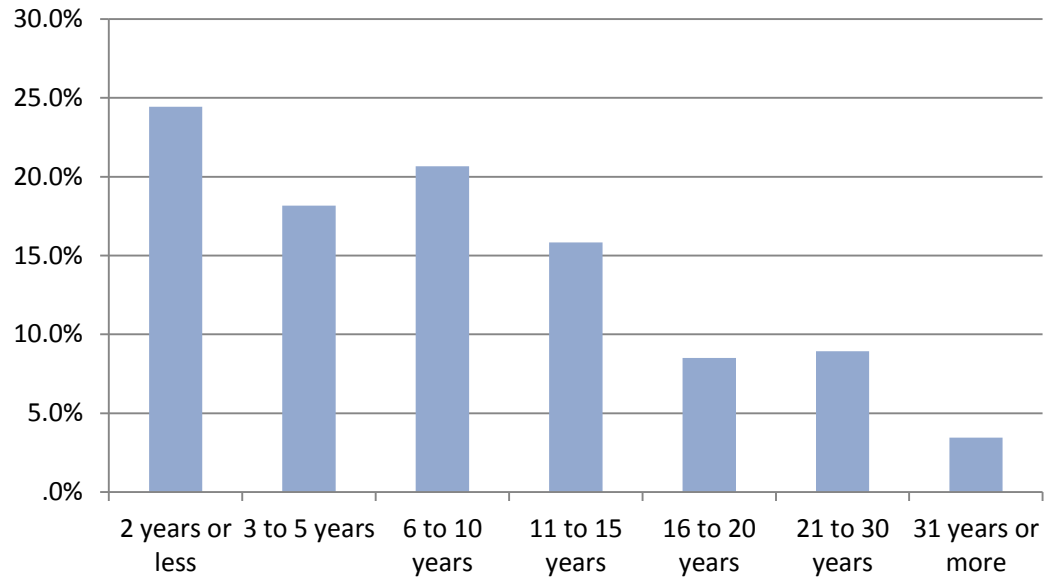


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

How many years have you worked in your current position?

	N	Valid Percent
2 years or less	5534	24.4%
3 to 5 years	4112	18.2%
6 to 10 years	4679	20.7%
11 to 15 years	3586	15.8%
16 to 20 years	1928	8.5%
21 to 30 years	2023	8.9%
31 years or more	783	3.5%
Total	**22645**	**100.0%**
Mean		**9.6** (*SD*=8.8)
Percentiles		5th=0.9, 25th=2.4, 50th=7.3, 75th=14.2, 95th=28.3

How many years have you worked in your current position?



Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Appendix A – Weights

State Weight and Response Rate by State

State	Population N	Sample n	State Weight
Alabama	5,448	383	**0.994**
Alaska	675	61	**0.773**
Arizona	6,174	416	**1.037**
Arkansas	3,724	238	**1.093**
California	22,990	1608	**0.999**
Colorado	5,310	500	**0.742**
Connecticut	4,124	346	**0.833**
Delaware	1,107	75	**1.031**
DC	167	46	**0.254**
Florida	23,228	1077	**1.507**
Georgia	10,186	643	**1.107**
Hawaii	1,062	69	**1.075**
Idaho	1,705	157	**0.759**
Illinois	14,125	832	**1.186**
Indiana	8,306	753	**0.771**
Iowa	3,922	262	**1.046**
Kansas	3,467	291	**0.832**
Kentucky	6,360	316	**1.406**
Louisiana	5,758	355	**1.133**
Maine	1,741	159	**0.765**
Maryland	6,129	432	**0.991**
Massachusetts	7,208	665	**0.757**
Michigan	10,824	791	**0.956**
Minnesota	5,889	669	**0.615**
Mississippi	3,958	217	**1.274**
Missouri	6,749	545	**0.865**
Montana	1,258	96	**0.915**
Nebraska	2,493	223	**0.781**
Nevada	2,226	155	**1.003**
New Hampshire	1,641	140	**0.819**
New Jersey	8,958	565	**1.108**
New Mexico	1,909	171	**0.780**
New York	16,755	1105	**1.059**
North Carolina	11,489	844	**0.951**
North Dakota	998	133	**0.524**
Ohio	15,055	1065	**0.988**
Oklahoma	4,158	335	**0.867**
Oregon	3,254	317	**0.717**
Pennsylvania	16,886	1069	**1.103**
Rhode Island	1,285	105	**0.855**
South Carolina	5,503	356	**1.080**
South Dakota	1,192	119	**0.700**
Tennessee	8,134	536	**1.060**
Texas	23,902	1220	**1.369**
Utah	2,630	176	**1.044**
Vermont	681	72	**0.661**
Virginia	8,418	611	**0.962**
Washington	6,104	449	**0.950**
West Virginia	2,781	202	**0.962**
Wisconsin	7,462	726	**0.718**
Wyoming	701	92	**0.532**
Total	**326,209**	**22,788**	**1.000**

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Discipline Weight and Response Rate by Discipline

Discipline	Population N	Sample n	Discipline Weight
Radiography	123,316	9,548	**1.066**
Nuclear Medicine	10,776	444	**2.003**
Radiation Therapy	16,464	1,883	**0.721**
Magnetic Resonance Imaging	27,136	2,126	**1.053**
Sonography	12,633	407	**2.561**
Computed Tomography	34,354	3,005	**0.943**
Mammography	22,648	2,519	**0.742**
Cardiac Interventional Radiography	7,467	639	**0.964**
Vascular Interventional Radiography	7,916	734	**0.890**
Medical Dosimetry	-	277	**0.000**
Imaging Informatics/PACs Administrator	2,219	159	**1.152**
Bone Densitometry	792	126	**0.519**
Registered Radiologist Assistant or RPA	391	66	**0.489**
Fusion (e.g., PET/CT, SPECT/CT)	1,166	85	**1.132**
Quality Management	656	94	**0.576**
Vascular Sonography	982	42	**1.929**
Breast Sonography	422	44	**0.791**
3D Image Postprocessing	315	35	**0.743**
Breast MRI	74	23	**0.265**
Total	**269,727**	**22,256**	**1.000**

Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.