

Radiologic Technologist Wage and Salary Survey 2013

A Nationwide Survey of Registered Radiologic Technologists
Conducted by the American Society of Radiologic Technologists

Reported June 2013

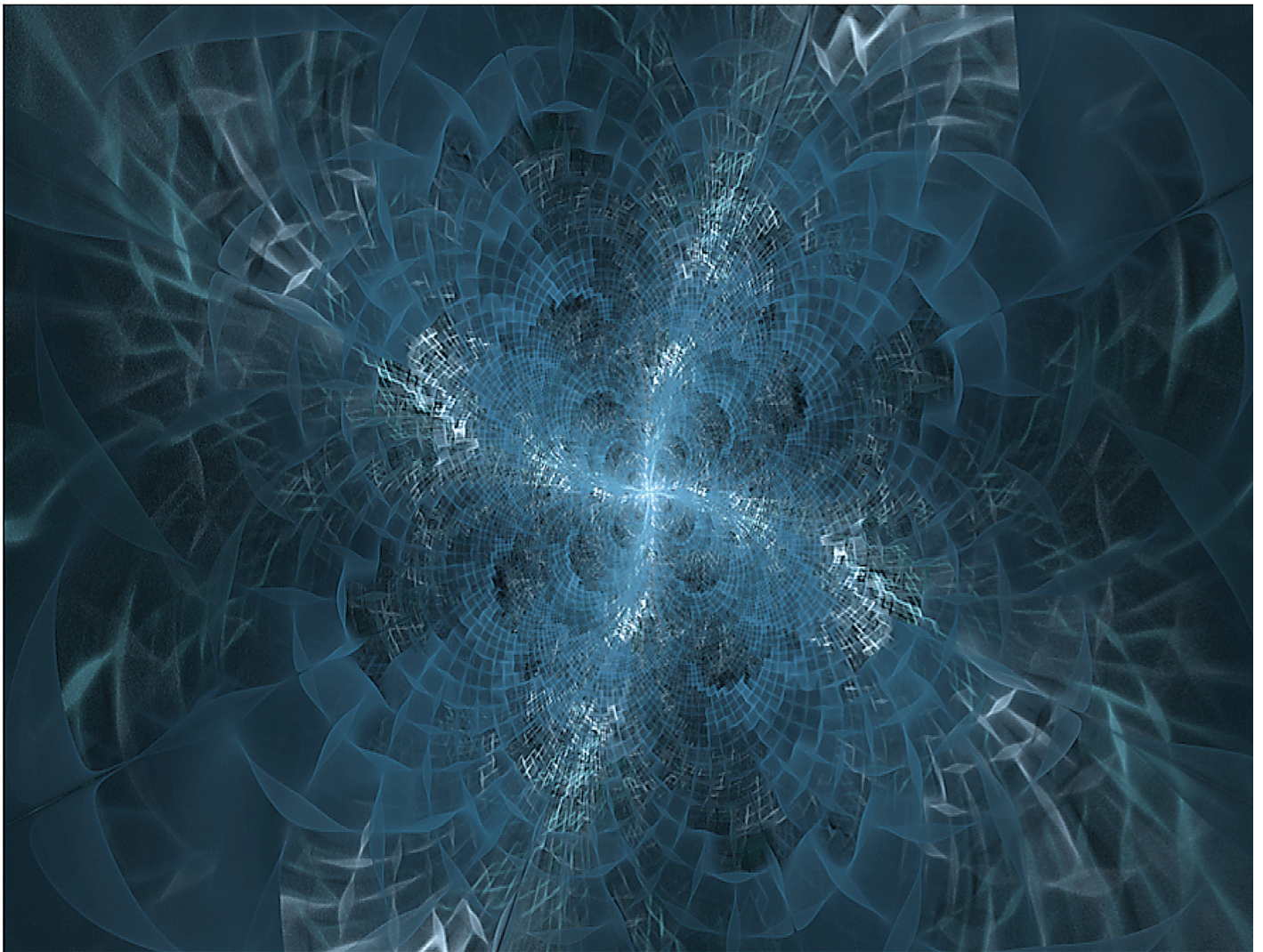


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Executive Summary

The ASRT Wage and Salary Survey 2013 was made available in late February 2013 to a random sample of ARRT-registered radiologic technologists from each of the 50 states and the District of Columbia. The sample was drawn from the registrant database of the American Registry of Radiologic Technologists (registrants with active status), which numbered approximately 316,000 when the sample was drawn. A random sample of 16,007 invitations to take the survey was sent via e-mail. In addition, the ARRT sent the invitation to 49,863 registrants. From this sample, a total of 10,639 surveys were completed, yielding a return rate of approximately 16%.

The results are reported with data weighted to account for deliberate oversampling of R.T.s working in less populated states and disciplines. The oversampling ensured adequate samples from each state and each discipline. The weighting yields results representative of the distribution of ARRT registrants across the country when reported in total.

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

Compensation and Benefits

Overall mean annual full-time compensation for radiologic technologists across the nation was \$62,736, depending on discipline, position, years of experience, education, location, and other demographic factors.

- States with the highest reported mean compensation across disciplines were California (\$84,162), Hawaii (\$80,761) and Alaska (\$77,559).
- States with the lowest reported mean compensation across disciplines were West Virginia (\$51,607), Alabama (\$51,648), and Kentucky (\$52,173).
- The disciplines with the highest reported mean compensation were medical dosimetry (\$98,261), registered radiologic assistant/RPA (\$97,185) and radiation therapy (\$78,602).
- The disciplines with the lowest reported mean compensation were radiography (\$53,680), bone densitometry (\$56,312) and vascular sonography (\$62,023).

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

- Respondents indicated that their employers were most likely to provide funding for a retirement plan (75.2%

said their employer provided either a fixed percentage or all of the funding toward retirement) and for health insurance (76.7% said they receive either full or partial funding from their employer).

- Respondents indicated that their employers were least likely to provide liability insurance; 33.1% indicated their employer provided no funding, while only 41.0% said they received full or partial employer funding for liability insurance. Of the respondents, 25.9% were uncertain whether or not they received funding for liability insurance.
- According to the respondents, employers were generally less likely to fund professional development than insurance and retirement benefits. The most funded professional development benefits were tuition assistance, with 48.6% of respondents receiving full or partial funding and travel expenses, with 35.2% of respondents receiving full or partial funding.
- Respondents indicated that the professional development benefits they were least likely to receive funding for were professional association dues, with 74.6% saying their employer provided no funding, and registration fees, with 67.9% saying they received no funding from their employer.

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

- Respondents were most satisfied with their wage/salary, with 52.7% saying they were either very satisfied or satisfied with their salary. Satisfaction with employer provision of insurance and retirement benefits was also fairly high, with 49.6% of respondents either very satisfied or satisfied with their benefits.
- Respondents were least satisfied with the level of employer sponsorship of professional development; only 30.5% of respondents were satisfied or very satisfied, while 37.6% said they were dissatisfied or very dissatisfied.
- Asked to rate whether they were better off than they were three years ago, 37.6% of respondents said they were better off, 20.3% said they were worse off and 42.0% said they were in relatively the same position than they were three years ago.

Demographics

The average radiologic technologist responding to the survey:

- Is 43.3 years old.
- Is female (71.7%).
- Holds an associate degree as their highest level of education (49.7%).
- Is an ASRT member (63.3%); respondents who were members had been with the ASRT for an average of 9.46 years.
- Has worked in the radiologic sciences for 15.26 years.
- Has worked in their primary discipline for 12.54 years
- Has worked at their current position for 7.73 years.
- Works 41.3 hours per week (among those categorized as full-time) or 20.83 hours per week (among those categorized as part-time).
- Works in a hospital (42.7% at a non-profit hospital, 17.7% at a for-profit hospital) with 197.34 beds.

Respondents were asked to identify their primary discipline and their job title:

- The top six disciplines among respondents were:
 - Radiography (36.8%).
 - Computed tomography (12.6%).
 - Magnetic resonance imaging (10.4%).
 - Radiation therapy (8.9%).
 - Mammography (8.8%).
 - Cardiovascular/interventional radiography (7.2%).
- The majority of respondents are:
 - Staff technologists (68.4%).
 - Senior/lead technologists (13.5%).
 - Supervisors/managers (6.8%).

Inactive Demographics

The survey also included some questions that specifically targeted technologists not currently working in the profession, including questions about their discipline, education and their current status.

- Among currently inactive respondents, the most commonly reported discipline was radiography (51.8%); 9.0% of inactive respondents reported working in radiation therapy, 6.3% in computed tomography, and 6.1% in mammography.

- The most commonly held degree among inactive respondents was an associate degree, with 52.3% listing that as the highest level of education they had achieved; 26.2% held a bachelor's degree and 13.1% held a certificate.
- The average of age of inactive respondents was 44.67 years.
- 59.9% of inactive respondents were ASRT members.
- When asked to indicate why they were inactive in the radiologic sciences, 43.8% of inactive respondents said they were unemployed but currently looking for work in the profession; 28.4% said they were employed outside of the radiologic sciences; only 5.4% listed retirement as the reason for their inactivity.

Facility Demographics and Retirement

Respondents were also asked several questions meant to help measure the turnover in the workforce and determine its drivers.

- The average department had 12.61 full-time equivalents (FTEs) in 2012.
- The average department lost 1.73 FTEs due to a variety of reasons ranging from retirement to termination with cause, to other personal considerations in 2012.
- In 2011, the average department had 12.58 FTEs.
- On average, each department lost 1.20 FTEs to various factors in 2011.
- The average technologist responding to the survey plans to retire when they are 63.2 years old.

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 was 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 was to monitor changes in compensation for the radiologic technologist over time.

Methodology

The ASRT developed the research methodology and survey

questionnaire, conducted the e-mailing and performed the data analysis. The American Registry of Radiologic Technologists (ARRT) contributed to the effort, providing postal addresses for random samples of ARRT registrants from all 50 states and the District of Columbia. Registrants were selected from among eleven primary disciplines/specialties in accordance with the sampling design outlined below. They also sampled registrants from their database for which they had an e-mail address.

The survey consisted of an online version that is reproduced in Appendix B of this report. An invitation to participate in the survey by completing the online questionnaire was sent by e-mail in late February 2013 to each of the R.T.s in the random samples drawn by the ARRT.

Five \$100 gift cards and one \$500 gift card were offered as an incentive to participate in the survey for invited respondents who completed the survey online.

Sample Design

To ensure an adequate sample of technologists from each state and from each of the 11 most common disciplines, plus a residual category consisting of all other specialties, as specified in the following sampling scheme:

Sampling Plan for Wage and Salary Survey 2013

Primary sphere of employment	Active (full-time or part-time) ARRT registrants to be selected for 2013 sample
R	Random sample of 120 registrants from each of the 50 states.
T, NMT, CT, MR, M, S (including BS and VS), Interventional (Including CV, CI, VI),	For each state, whichever is smaller, all registrants in the state listing that discipline/specialty as their primary sphere of employment or a random sample of 63 such registrants.
BD, QM, Fusion, 3D, Informatics, Other	For each state, whichever is smaller, all registrants in the state listing that specialty as their primary sphere of employment or a random sample of 31 such registrants.
RRA	All registrants.

Additional Registrants Selected

All active registrants who list the District of Columbia as their state.

Weighting

Appendix A (Weights) shows the number of questionnaires received from each state and the number received from respondents working in the various specialties, together with the resulting weights applied to these states, disciplines, and specialties so as to adjust results to the target population of all active ARRT registrants.

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 (computed as the ratio between the known population percentage of ARRT-registered R.T.s in each state or discipline and the observed percentage of such R.T.s in the sample) were used to correct for a deliberate overrepresentation of relatively under-populated states and specialties. Respondents who did not answer the workplace state question (and whose workplace state could not be inferred from the reported ZIP code) were given a state weight of 1 in the weighted calculations. Similarly, respondents who did not report a primary discipline (or who reported more than one "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 10,639 observations been taken at random (without regard to state or discipline) from the entire database of active ARRT registrants.

The use of random sampling within each state/discipline combination, together with the fairly high number of respondents, makes it unlikely that systematic differences in response rates as a function of other variables (e.g., type of workplace or full-time status), skewed the results. However, the membership of the ASRT at the time the sample was drawn represented approximately one-half of the ARRT registrant database. About 63% of the survey respondents were members of the ASRT.

This research project follows the 2010, 2007, 2004, 2001, 1997 and 1992 Wage and Salary Surveys conducted by the ASRT. Much of the material and structure for the 2013 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 increase in compensation at the most recent raise can be used to estimate likely wages and salaries between surveys.

Primary Dependent Variable: Annualized Compensation

Previous ASRT Wage and Salary Surveys have reported separately wages paid to R.T.s by the hour and salaries paid to R.T.s on an annual basis. However, many respondents reported both a base annual salary and a base hourly wage. This, along with a desire to maximize the number of respondents for whom a meaningful base annual compensation figure could be computed, led to adoption of a single compensation measure of yearly salary for this year's report. This was computed as follows:

Base compensation = base annual salary or 2080*(Base hourly wage)

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

Respondents who reported both a base annual salary and a base hourly wage but for whom the two reports disagreed by \$1 per hour or more were assigned a missing value on this dependent variable. Where the two reports differed by less than \$1 per hour, base compensation was computed as the simple mean of base annual salary and 2080*(base hourly wage).

Differences in overall mean compensation in the report

Computed means are slightly different, depending on the cross tabulation of compensation by dependent variables. For instance, the overall mean compensation for a full-time RT is \$62,673. When factoring in those who specified a discipline, the overall mean is \$62,704. Please take this into consideration when evaluating sample statistics.

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 current position while in primary education program) or if response implies 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 \$100/hour.

Base annual salary: Considered implausible if FTE < \$24,000; or a staff technologist FTE > \$200,000; or staff, senior, lead, assistant chief or chief technologist > \$300,000.

State: Considered indeterminate if reported workplace state and the state implied by workplace ZIP code differed and referred to adjacent states. If they referred to nonadjacent states, state implied by ZIP code took precedence unless the reported ZIP code could have resulted from a simple, single-digit typographical error in entering a ZIP code within the reported state.

Years an ASRT member: Considered implausible if years as member exceeded number of years the organization has existed or exceeded the number of years in the profession by more than five years.

Approximate age (2012.15 – year of birth): Considered implausible if < 16 or > 100.

Amount extra per hour paid for being on call: The wide variability in the responses to this question made it difficult to compute meaningful statistics and was therefore not included in the report.

Margin of Error

A total of 10,639 surveys were returned. This sample size yields a margin of error for overall percentages (width of the

95% confidence interval for the population percentage) of a maximum $\pm 1.0\%$. The overall standard deviation of base annual compensation for the 8,270 full-time respondents is \$19,923, so the estimate of the mean base annual compensation of \$62,736 for these respondents has a 95% chance of being within \$429 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 $\pm 2.2\%$. For a subset of 30 respondents, the maximum would be $\pm 18.3\%$. Finally, percentages based on a subgroup of only 10 R.T.s could have a margin of error as large as $\pm 32\%$. 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 decreases, although this is offset somewhat by the tendency for the standard deviation to be smaller for subsets of R.T.s defined by their scores 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 $\pm \$7,439$.

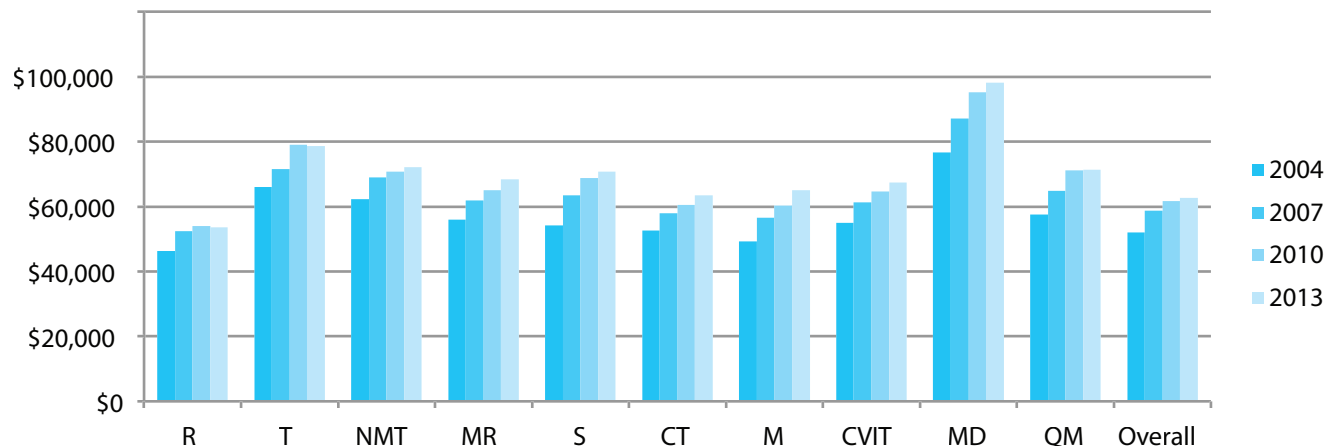
Annual Compensation

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 Comparison of 2004, 2007, 2010 and 2013

Discipline	2004		2007		2010		2013	
	n	Mean	n	Mean [% Increase]	n	Mean [% Increase]	n	Mean [% Increase]
Overall	5552	\$52,091	7622	\$58,673 [12.6%]	6846	\$61,733 [5.2%]	8270	\$62,763 [1.7%]
Radiography	2423	\$46,238	2206	\$52,336 [13.2%]	1637	\$53,953 [3.1%]	2862	\$53,680 [-0.5%]
Radiation Therapy	425	\$66,026	825	\$71,461 [8.2%]	660	\$79,125 [10.7%]	758	\$78,602 [-0.7%]
Nuclear Medicine	234	\$62,269	576	\$69,083 [10.9%]	522	\$70,822 [2.5%]	341	\$72,075 [1.8%]
Magnetic Resonance Imaging	490	\$56,007	765	\$61,928 [10.6%]	679	\$65,098 [5.1%]	896	\$68,384 [5.0%]
Sonography	279	\$54,178	522	\$63,406 [17.0%]	510	68,821 [8.5%]	266	\$70,701 [2.7%]
Computed Tomography	568	\$52,704	854	\$57,927 [9.9%]	792	\$60,586 [4.6%]	1089	\$63,545 [4.9%]
Mammography	550	\$49,281	763	\$56,605 [14.9%]	629	\$60,263 [6.5%]	661	\$65,101 [8.0%]
Cardiovascular Interventional Technology	336	\$55,012	641	\$61,294 [11.4%]	609	\$64,614 [5.4%]	659	\$67,379 [4.3%]
Medical Dosimetry	78	\$76,636	152	\$87,188 [13.85%]	118	\$95,279 [9.3%]	136	\$98,261 [3.1%]
Quality Management	38	\$57,467	73	\$64,789 [12.7%]	98	\$71,251 [10.0%]	60	\$71,305 [0.1%]

Full-time Base Annual Compensation Comparison of 2004, 2007, 2010 and 2013

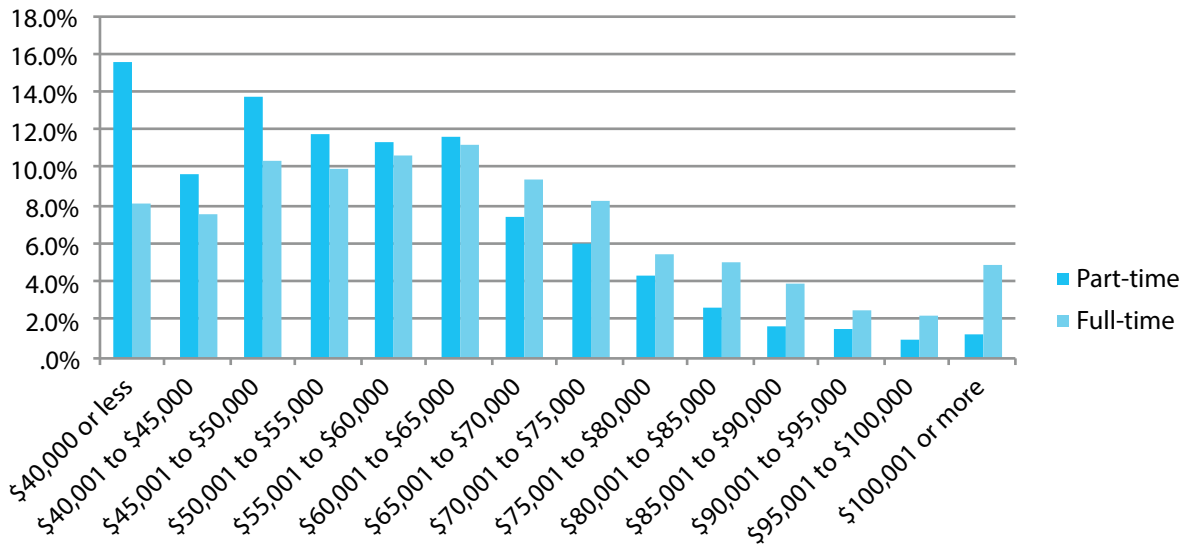


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

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

Compensation	Sample Percent Part-time (Less than 32 hours/week)	Sample Percent Full-time (32 or more hours/week)	Overall
\$40,000 or less	15.7%	8.1%	9.2%
\$40,001 to \$45,000	9.7%	7.6%	7.9%
\$45,001 to \$50,000	13.8%	10.4%	10.9%
\$50,001 to \$55,000	11.8%	10.0%	10.3%
\$55,001 to \$60,000	11.4%	10.8%	10.9%
\$60,001 to \$65,000	11.6%	11.3%	11.3%
\$65,001 to \$70,000	7.4%	9.4%	9.1%
\$70,001 to \$75,000	6.1%	8.2%	7.9%
\$75,001 to \$80,000	4.4%	5.5%	5.3%
\$80,001 to \$85,000	2.8%	5.0%	4.7%
\$85,001 to \$90,000	1.7%	3.9%	3.6%
\$90,001 to \$95,000	1.5%	2.6%	2.4%
\$95,001 to \$100,000	.9%	2.2%	2.0%
\$100,001 or more	1.3%	4.9%	4.4%
n	1378	8270	9648
Mean	\$55,200	\$62,736	\$61,576
SD	\$16,895	\$19,923	\$19,675
Median	\$52,094	\$60,204	\$58,762

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



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

Full-time Compensation by Overall, Position and Workplace for each Discipline^{ab}

	R	T	N	MR	S	CT	M	CV	MD	BD	QM	RA	VS	BS	Overall
Overall															
n	2862	758	341	896	266	1089	661	659	136	86	60	71	21	18	7924
Mean	\$53,680	\$78,602	\$72,075	\$68,384	\$70,701	\$63,545	\$65,101	\$67,379	\$98,261	\$56,312	\$71,305	\$97,185	\$62,024	\$65,893	\$62,704
Median	\$49,765	\$73,511	\$70,702	\$66,535	\$69,085	\$61,714	\$62,381	\$65,178	\$99,995	\$54,527	\$67,516	\$95,868	\$63,934	\$67,100	\$60,109
Mean by Position															
Staff technologist/therapist	\$49,019	\$70,955	\$69,368	\$65,106	\$66,550	\$60,678	\$61,831	\$62,873	\$101,198	\$53,315	\$63,554	\$96,891	\$62,129	\$66,262	\$57,913
Senior/lead technologist/therapist	\$55,506	\$81,911	\$73,218	\$72,125	\$71,782	\$68,910	\$68,328	\$70,038	\$94,878	\$61,616	\$64,262	.	\$61,558	\$61,457	\$67,067
Supervisor/manager	\$71,325	\$97,549	\$75,663	\$80,533	\$87,103	\$77,319	\$74,381	\$80,980	\$98,092	\$67,226	\$72,040	\$125,000	\$61,797	\$71,198	\$77,269
Chief technologist/therapist	\$56,097	\$91,393	\$76,726	\$73,499	\$85,798	\$67,733	\$61,969	\$75,521	\$33,163	\$49,592	\$77,949	\$162,000	.	.	\$70,245
Instructor/faculty	\$63,698	\$67,305	\$81,982	\$78,998	\$48,250	\$59,549	\$47,840	\$85,889	.	\$77,784	\$62,000	\$51,000	.	.	\$63,926
Program director	\$75,609	\$95,310	\$80,690	\$85,018	\$72,984	\$70,143	\$86,050	\$94,374	\$108,000	.	\$140,000	.	.	.	\$79,372
Administrator	\$98,299	\$119,290	\$84,384	\$92,488	\$93,000	\$86,457	.	\$105,213	\$150,000	\$63,000	\$83,036	\$80,000	.	.	\$95,348
Corporate representative	\$96,673	\$115,120	\$145,600	\$90,563	.	\$84,841	\$78,000	\$85,730	\$105,000	\$87,500	\$82,500	.	.	.	\$90,641
Locum tenens (temporary staff)	\$58,078	\$78,399	.	\$55,414	\$79,466	\$62,003	\$72,470	\$71,967	\$135,200	.	.	.	.	.	\$67,479
Other Position	\$61,657	\$63,866	\$76,364	\$62,628	\$72,290	\$69,068	\$73,096	\$71,497	\$101,813	\$73,044	\$69,096	\$86,027	.	.	\$69,553
Mean by Workplace															
Hospital (not for profit)	\$57,187	\$79,762	\$73,013	\$69,936	\$73,016	\$64,041	\$66,529	\$67,794	\$97,935	\$60,701	\$71,163	\$96,305	\$66,824	\$70,305	\$65,659
Hospital (for profit)	\$52,202	\$75,776	\$68,302	\$67,188	\$65,197	\$61,453	\$65,877	\$65,632	\$109,023	\$67,629	\$90,358	\$105,639	\$57,472	\$49,920	\$60,692
Clinic or physician's office	\$45,966	\$77,573	\$74,856	\$66,545	\$73,442	\$58,155	\$60,367	\$61,470	\$98,246	\$49,958	\$57,073	\$96,856	\$63,430	\$71,220	\$55,819
Imaging center/outpatient imaging facility	\$55,571	\$73,249	\$66,367	\$67,627	\$66,860	\$65,604	\$65,212	\$69,262	\$62,400	\$57,525	\$64,703	\$88,829	.	\$63,533	\$64,004
Education	\$67,249	\$73,030	\$82,740	\$75,125	\$68,893	\$60,970	.	\$71,228	\$108,000	.	\$87,481	\$51,000	.	.	\$69,240
Government/V.A. hospital	\$56,739	\$70,864	\$63,996	\$62,160	\$61,521	\$66,107	\$62,018	\$67,212	\$89,693	\$62,916	\$57,126	\$98,523	\$55,120	\$66,560	\$61,977
Mobile unit	\$46,668	.	\$64,063	\$64,112	\$129,748	.	\$59,654	.	.	\$52,521	\$83,200	.	\$59,280	.	\$52,756
Corporate	\$79,167	\$95,464	.	\$90,563	.	\$82,333	\$78,000	\$93,564	\$96,857	\$86,245	.	.	.	.	\$83,409
Locum tenens (temporary staff)	\$66,317	\$86,112	.	\$83,854	\$71,074	\$68,952	.	\$72,022	\$135,200	\$53,560	\$55,000	.	.	.	\$75,240
Industrial	\$44,928	\$115,862	\$62,000	.	\$68,640	.	.	\$83,969	.	.	\$82,500	.	.	.	\$75,106
Other Workplace	\$58,042	\$82,282	\$95,000	\$65,330	\$85,000	\$93,571	\$76,645	\$76,053	\$59,280	\$58,365	\$68,494	.	.	.	\$67,186

a R=radiography; T=radiation therapy; N=nuclear medicine; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CV=cardiovascular/interventional; MD=medical dosimetry; BD=bone densitometrist; QM=quality management; RA= radiologist assistant; VS=vascular sonography; BS=breast sonography. Decimal point=not available.

b Decimal point=Not available.

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

Full-time Compensation by Overall, Education and Years in Profession for Each Discipline^{ab}

	R	T	N	MR	S	CT	M	CV	MD	BD	QM	RA	VS	BS	Overall
Overall															
n	2862	758	341	896	266	1089	661	659	136	86	60	71	21	18	7924
Mean	\$53,680	\$78,602	\$72,075	\$68,384	\$70,701	\$63,545	\$65,101	\$67,379	\$98,261	\$56,312	\$71,305	\$97,185	\$62,024	\$65,893	\$62,704
Median	\$49,765	\$73,511	\$70,702	\$66,535	\$69,085	\$61,714	\$62,381	\$65,178	\$99,995	\$54,527	\$67,516	\$95,868	\$63,934	\$67,100	\$60,109
Mean by Education															
Certificate(s)	\$55,461	\$79,016	\$73,513	\$69,827	\$71,971	\$65,581	\$63,320	\$69,845	\$88,946	\$60,157	\$68,637	\$94,167	\$61,820	\$69,741	\$64,314
Associate degree	\$50,134	\$78,758	\$70,042	\$67,616	\$68,801	\$62,073	\$65,054	\$66,329	\$104,731	\$53,972	\$66,709	\$100,000	\$59,922	\$67,375	\$58,841
Bachelor's degree	\$54,756	\$75,327	\$72,250	\$67,827	\$70,449	\$64,770	\$66,464	\$66,746	\$98,576	\$60,992	\$70,636	\$96,448	\$66,955	\$58,593	\$65,726
Master's degree	\$73,105	\$97,946	\$77,003	\$74,302	\$74,784	\$67,337	\$71,332	\$78,827	\$104,294	\$37,440	\$80,264	\$95,645		\$59,280	\$76,663
Doctoral degree (including medical)	\$67,444	\$76,833	.	\$84,311	\$110,963	\$54,080	.	.	\$105,000	.	\$140,000	.	.	.	\$88,129
Other education	\$55,676	\$118,181	\$70,705	\$77,205	\$86,645	\$60,557	\$82,072	\$62,882	.	\$63,888	.	\$132,200	.	.	\$68,933
Mean by Years in Profession															
2 years or less	\$43,155	\$60,246	\$62,804	\$52,499	\$50,764	\$51,129	\$52,586	\$48,118	\$95,680	\$41,317	.	\$100,000	\$46,968	\$49,428	\$45,878
3 to 5 years	\$45,444	\$66,746	\$62,517	\$56,441	\$56,647	\$53,262	\$53,518	\$52,861	\$81,633	\$50,482	\$60,735	\$97,596	\$57,251		\$50,006
6 to 10 years	\$50,871	\$70,599	\$64,666	\$59,263	\$66,326	\$57,909	\$60,342	\$58,993	\$91,088	\$56,007	\$68,754	\$90,179	\$64,397	\$50,780	\$57,425
11 to 15 years	\$58,096	\$82,881	\$72,331	\$69,066	\$63,350	\$64,451	\$58,568	\$70,199	\$90,136	\$51,313	\$64,031	\$90,402	\$64,000	\$68,400	\$65,327
16 to 20 years	\$61,330	\$87,876	\$76,811	\$71,302	\$69,801	\$66,990	\$65,843	\$72,874	\$107,376	\$54,603	\$67,504	\$101,811	\$67,980	\$64,893	\$69,632
21 to 30 years	\$66,425	\$92,059	\$76,408	\$75,186	\$79,297	\$69,720	\$70,505	\$75,950	\$105,191	\$59,781	\$71,485	\$99,962	\$63,765	\$77,670	\$73,644
31 years or more	\$68,421	\$87,844	\$78,126	\$74,787	\$77,698	\$73,184	\$69,233	\$76,248	\$94,714	\$61,694	\$77,366	\$106,011	\$59,253	\$64,480	\$73,634

a R=radiography; T=radiation therapy; N=nuclear medicine; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CV=cardiovascular/interventional; MD=medical dosimetry; BD=bone densitometrist; QM=quality management; RA= radiologist assistant; VS=vascular sonography; BS=breast sonography. Decimal point=not available.

b Decimal point=Not available.

Full-time Compensation by Overall and State for Each Discipline^{ab}

	R	T	N	MR	S	CT	M	CV	MD	BD	QM	RA	VS	BS	Overall
Overall															
n	2862	758	341	896	266	1089	661	659	136	86	60	71	21	18	7924
Mean	\$53,680	\$78,602	\$72,075	\$68,384	\$70,701	\$63,545	\$65,101	\$67,379	\$98,261	\$56,312	\$71,305	\$97,185	\$62,024	\$65,893	\$62,704
Median	\$49,765	\$73,511	\$70,702	\$66,535	\$69,085	\$61,714	\$62,381	\$65,178	\$99,995	\$54,527	\$67,516	\$95,868	\$63,934	\$67,100	\$60,109
Mean by State															
AK	\$64,316	\$85,221	\$79,040	\$86,987	\$86,170	\$78,871	\$75,540	.	\$107,000	\$57,346	.	.	.	.	\$77,559
AL	\$46,071	\$68,391	\$56,155	\$55,517	\$47,409	\$47,391	\$52,655	\$55,857	\$101,162	\$54,600	.	.	.	.	\$51,648
AR	\$47,963	\$78,396	\$72,060	\$65,378	\$77,507	\$53,380	\$53,744	\$66,167	\$102,613	\$52,679	\$61,333	.	.	\$48,963	\$57,873
AZ	\$55,379	\$82,801	\$74,880	\$74,199	\$69,437	\$69,570	\$66,643	\$72,217	\$87,314	\$60,271	\$81,099	\$95,000	.	\$64,397	\$65,879
CA	\$73,757	\$97,599	\$95,086	\$94,476	\$90,752	\$85,987	\$89,733	\$99,273	\$121,875	\$79,907	\$88,639	\$103,500	.	.	\$84,162
CO	\$52,739	\$91,312	\$72,765	\$77,971	\$75,871	\$59,939	\$64,536	\$64,859	\$109,561	\$50,482	\$51,480	\$100,516	.	\$72,540	\$63,738
CT	\$64,827	\$88,255	\$84,513	\$87,666	\$84,025	\$68,646	\$80,568	\$76,366	.	\$78,364	.	\$100,000	.	.	\$76,090
DC	\$68,750	\$70,180	\$72,800	\$93,520	.	\$80,080	\$72,332	\$85,280	\$87,422	.	.	.	.	.	\$73,874
DE	\$54,183	\$89,771	.	\$70,283	\$100,693	\$57,924	\$67,759	\$62,000	\$102,440	.	.	.	.	.	\$63,857
FL	\$45,452	\$70,676	\$69,929	\$61,646	\$65,673	\$58,634	\$58,822	\$59,509	\$76,767	\$43,292	\$83,180	\$105,261	.	.	\$54,273
GA	\$48,557	\$71,381	\$74,319	\$66,347	\$75,957	\$60,799	\$59,420	\$64,501	\$96,613	.	\$53,697	.	.	.	\$58,963
HI	\$75,600	\$95,389	\$93,350	\$88,007	\$86,429	\$76,164	\$76,289	\$86,752	.	.	\$61,818	.	.	\$51,210	\$80,761
IA	\$50,579	\$63,660	\$72,107	\$60,828	\$66,009	\$53,946	\$55,263	\$52,635	\$90,983	\$41,038	\$74,000	\$81,000	.	.	\$56,785
ID	\$44,839	\$73,003	\$63,471	\$62,055	\$63,141	\$59,871	\$51,250	\$61,565	\$117,083	.	\$45,136	.	.	.	\$56,920
IL	\$56,574	\$74,292	\$69,462	\$71,226	\$63,982	\$63,996	\$68,874	\$69,594	\$91,566	\$67,600	\$78,940	\$125,000	.	.	\$64,445
IN	\$49,553	\$70,085	\$68,794	\$62,319	\$63,603	\$59,844	\$57,094	\$56,501	\$88,500	\$47,312	\$83,200	\$91,750	\$60,732	.	\$58,504
KS	\$48,338	\$66,014	\$57,120	\$62,452	\$57,913	\$49,774	\$55,777	\$57,539	.	.	.	.	\$67,226	.	\$54,153
KY	\$45,234	\$74,177	\$55,494	\$55,999	\$47,426	\$51,986	\$55,078	\$58,128	\$59,280	\$53,560	\$65,146	\$115,000	\$64,928	.	\$52,173
LA	\$50,578	\$80,967	\$79,168	\$60,876	\$55,848	\$56,517	\$51,109	\$63,475	\$96,744	.	\$72,000	.	\$67,600	.	\$59,119
MA	\$71,792	\$86,731	\$86,565	\$79,243	\$82,160	\$74,699	\$80,308	\$78,936	\$111,488	\$66,641	.	\$110,000	\$85,883	.	\$77,078
MD	\$60,310	\$78,703	\$80,240	\$78,229	\$85,485	\$69,550	\$68,750	\$77,848	\$102,498	\$62,400	\$66,893	.	\$49,920	.	\$68,975
ME	\$53,749	\$72,227	\$73,850	\$69,207	\$64,699	\$56,033	\$60,670	\$71,067	\$82,600	\$56,160	.	.	.	.	\$62,006
MI	\$49,320	\$68,989	\$65,822	\$60,727	\$60,700	\$59,396	\$58,668	\$59,346	\$86,467	\$51,032	.	\$118,000	.	.	\$56,021
MN	\$58,875	\$69,585	\$82,957	\$66,838	\$76,672	\$62,119	\$65,051	\$71,258	\$89,013	\$57,200	\$73,835	\$89,250	.	\$82,784	\$65,687
MO	\$48,364	\$66,155	\$69,483	\$61,093	\$63,840	\$55,518	\$53,671	\$58,529	\$81,702	.	\$59,280	.	\$54,402	\$49,920	\$56,056
MS	\$45,493	\$77,385	\$62,713	\$54,531	\$62,000	\$51,204	\$54,032	\$56,867	\$85,000	\$43,680	\$66,248	\$96,000	\$55,120	.	\$54,869
MT	\$52,070	\$67,672	\$71,330	\$61,332	\$71,157	\$59,116	\$58,924	\$59,524	\$115,000	\$58,032	.	\$120,640	.	.	\$60,349

a R=radiography; T=radiation therapy; N=nuclear medicine; MR=magnetic resonance; S=sonography; CT=computed tomography; M=mammography; CV=cardiovascular/interventional; MD=medical dosimetry; BD=bone densitometrist; QM=quality management; RA= radiologist assistant; VS=vascular sonography; BS=breast sonography. Decimal point=not available.

b Decimal point=Not available.

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

Full-time Compensation by Overall and State for Each Discipline^{ab}

	R	T	N	MR	S	CT	M	CV	MD	BD	QM	RA	VS	BS	Overall
Overall															
n	2862	758	341	896	266	1089	661	659	136	86	60	71	21	18	7924
Mean	\$53,680	\$78,602	\$72,075	\$68,384	\$70,701	\$63,545	\$65,101	\$67,379	\$98,261	\$56,312	\$71,305	\$97,185	\$62,024	\$65,893	\$62,704
Median	\$49,765	\$73,511	\$70,702	\$66,535	\$69,085	\$61,714	\$62,381	\$65,178	\$99,995	\$54,527	\$67,516	\$95,868	\$63,934	\$67,100	\$60,109
Mean by State															
NC	\$49,819	\$75,071	\$64,783	\$62,800	\$66,261	\$59,485	\$55,926	\$68,427	\$105,020	\$58,656	\$72,008	\$81,250	\$67,600	.	\$57,397
ND	\$46,906	\$66,900	\$62,213	\$54,847	\$63,430	\$55,488	\$53,116	\$51,264	\$82,936	\$42,058	\$64,844	\$88,000	.	.	\$54,446
NE	\$48,546	\$69,656	\$57,720	\$61,700	\$76,961	\$57,873	\$59,599	\$52,889	\$102,400	\$48,880	.	.	.	.	\$58,077
NH	\$58,193	\$85,943	\$80,184	\$69,098	\$61,880	\$60,867	\$71,769	\$73,788	.	.	.	.	.	.	\$67,160
NJ	\$60,922	\$98,460	\$79,968	\$77,897	\$73,141	\$69,479	\$68,193	\$76,040	\$128,860	\$59,020	\$67,000	.	.	\$106,600	\$70,302
NM	\$50,017	\$73,120	\$71,162	\$68,328	\$72,676	\$59,039	\$62,877	\$62,210	.	\$58,365	.	.	.	.	\$59,993
NV	\$58,215	\$71,512	\$76,544	\$75,761	\$54,870	\$80,046	\$60,518	\$81,663	\$103,002	.	.	.	.	.	\$69,360
NY	\$59,980	\$93,443	\$80,508	\$70,566	\$68,709	\$67,516	\$64,450	\$78,473	\$96,500	\$66,951	\$79,733	\$98,860	.	\$69,888	\$68,351
OH	\$49,044	\$70,476	\$71,128	\$61,299	\$68,727	\$57,609	\$56,871	\$63,272	\$86,810	\$48,502	\$69,416	\$99,333	\$64,480	.	\$56,373
OK	\$45,599	\$73,270	\$59,630	\$60,853	\$70,405	\$50,935	\$56,117	\$69,423	\$128,000	.	.	\$80,000	\$51,480	.	\$54,477
OR	\$62,138	\$93,183	\$98,100	\$73,907	\$80,948	\$71,477	\$67,933	\$78,081	\$105,402	\$59,467	.	\$98,750	.	\$71,198	\$73,272
PA	\$49,455	\$75,122	\$66,094	\$66,434	\$66,323	\$61,120	\$57,874	\$63,869	\$110,606	\$56,732	\$62,153	\$96,546	\$68,848	.	\$59,824
RI	\$73,941	\$97,178	\$94,314	\$84,056	\$73,996	\$81,928	\$64,052	\$74,135	.	\$70,720	.	.	.	.	\$77,175
SC	\$47,766	\$83,770	\$65,431	\$61,222	\$72,800	\$56,017	\$64,569	\$63,164	\$109,681	\$55,120	.	.	\$64,000	.	\$58,176
SD	\$51,805	\$65,637	\$52,000	\$57,168	\$59,940	\$49,214	\$55,064	\$54,047	\$109,658	.	\$54,600	.	.	.	\$56,849
TN	\$46,750	\$68,363	\$59,074	\$59,353	\$65,068	\$54,901	\$58,052	\$53,419	\$97,063	\$43,472	.	\$93,884	\$46,800	\$58,906	\$55,296
TX	\$51,108	\$80,294	\$70,279	\$65,454	\$74,402	\$60,779	\$61,978	\$67,662	\$105,806	\$56,793	\$80,133	\$87,260	\$70,720	\$59,280	\$60,234
UT	\$48,814	\$86,880	\$74,880	\$68,200	\$73,589	\$57,912	\$68,260	\$66,313	\$96,000	\$60,000	.	.	.	.	\$63,562
VA	\$55,380	\$74,354	\$67,787	\$67,276	\$73,041	\$66,935	\$71,426	\$69,203	\$72,026	\$49,265	\$70,932	\$97,800	.	\$67,860	\$63,595
VT	\$54,192	\$75,340	.	\$65,187	\$69,158	\$69,144	\$66,324	\$83,928	.	.	.	.	.	.	\$60,228
WA	\$61,836	\$88,340	\$90,802	\$82,447	\$93,090	\$72,216	\$75,438	\$81,997	\$104,567	.	\$102,000	\$93,667	.	\$76,606	\$75,022
WI	\$53,282	\$71,351	\$79,198	\$63,888	\$74,214	\$62,591	\$64,144	\$70,132	\$100,024	\$51,620	\$84,000	.	.	.	\$63,078
WV	\$44,198	\$70,050	\$52,264	\$60,647	.	\$50,314	\$50,700	\$52,614	\$92,833	.	\$60,008	.	.	.	\$51,607
WY	\$53,026	\$83,432	\$58,560	\$67,758	\$60,424	\$59,057	\$53,845	\$64,473	\$58,449

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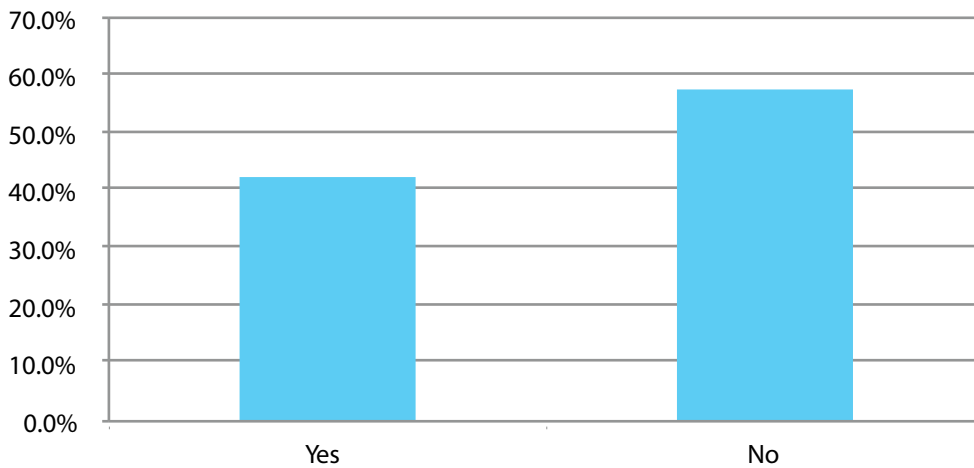
b Decimal point=Not available.

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

Are you paid for being on call?

	n	Sample Percent
Yes	3988	42.4%
No	5418	57.6%
Total	9406	100.0%

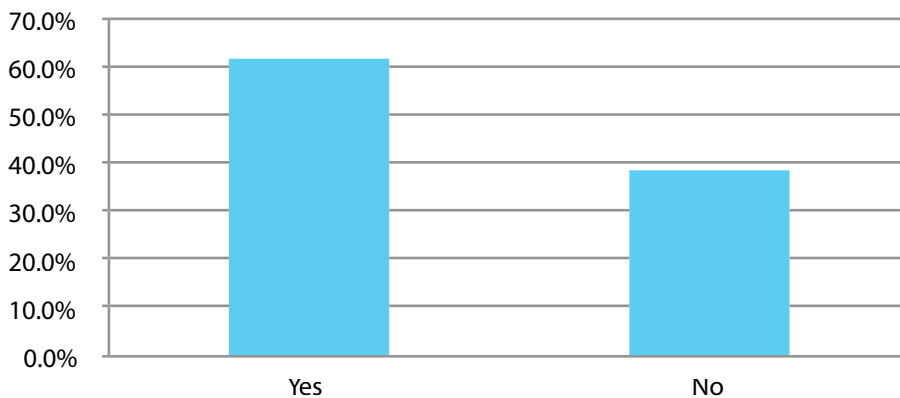
Are you paid for being on call?



Did you receive a raise in the past 12 months?

	n	Sample Percent
Yes	5955	61.6%
No	3711	38.4%
Total	9666	100.0%
If yes, by what percentage did your wage/salary increase?	Mean percentage	2.6% (SD=2.2%)
	Percentiles	5th=1.0%, 25th=1.9%, 50th=2.0%, 75th=3.0%, 95th=4.9%

Did you receive a raise in the past 12 months?



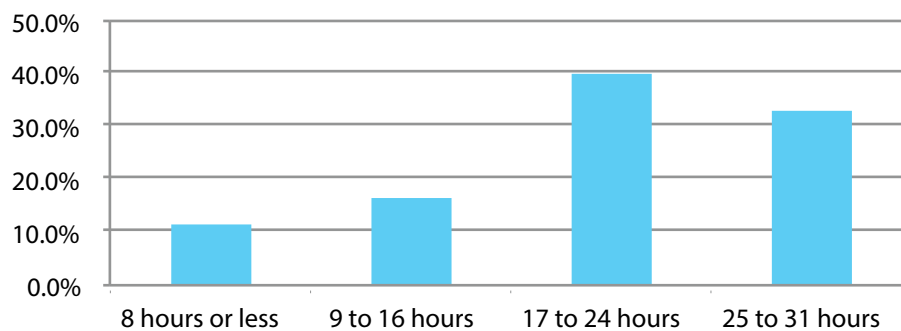
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Working Hours

Part-Time

	n	Sample Percent
8 hours or less	157	11.0%
9 to 16 hours	235	16.4%
17 to 24 hours	569	39.7%
25 to 31 hours	472	32.9%
Total	1433	100.0%
Mean hours per week	22.7 (SD=7.5)	
Percentiles	5th=7.5, 25th=16.3, 50th=21.7, 75th=25.8, 95th=30.5	

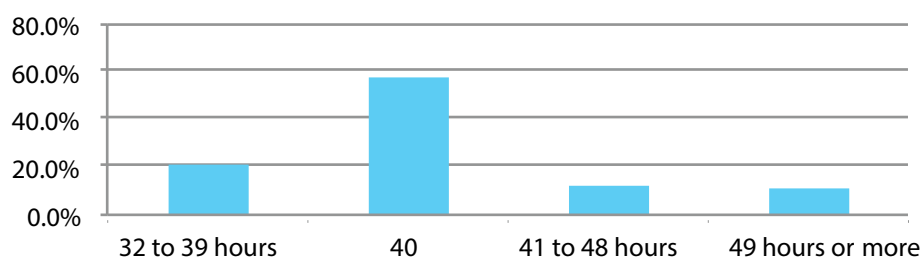
Part-Time



Full-Time

	n	Sample Percent
32 to 39 hours	1747	21.0%
40	4805	57.7%
41 to 48 hours	933	11.2%
49 hours or more	844	10.1%
Total	8329	100.0%
Mean hours per week	41.3 (SD=7.5)	
Percentiles	5th=32.4, 25th=39.6, 50th=40.0, 75th=40.4, 95th=52.3	

Full-Time



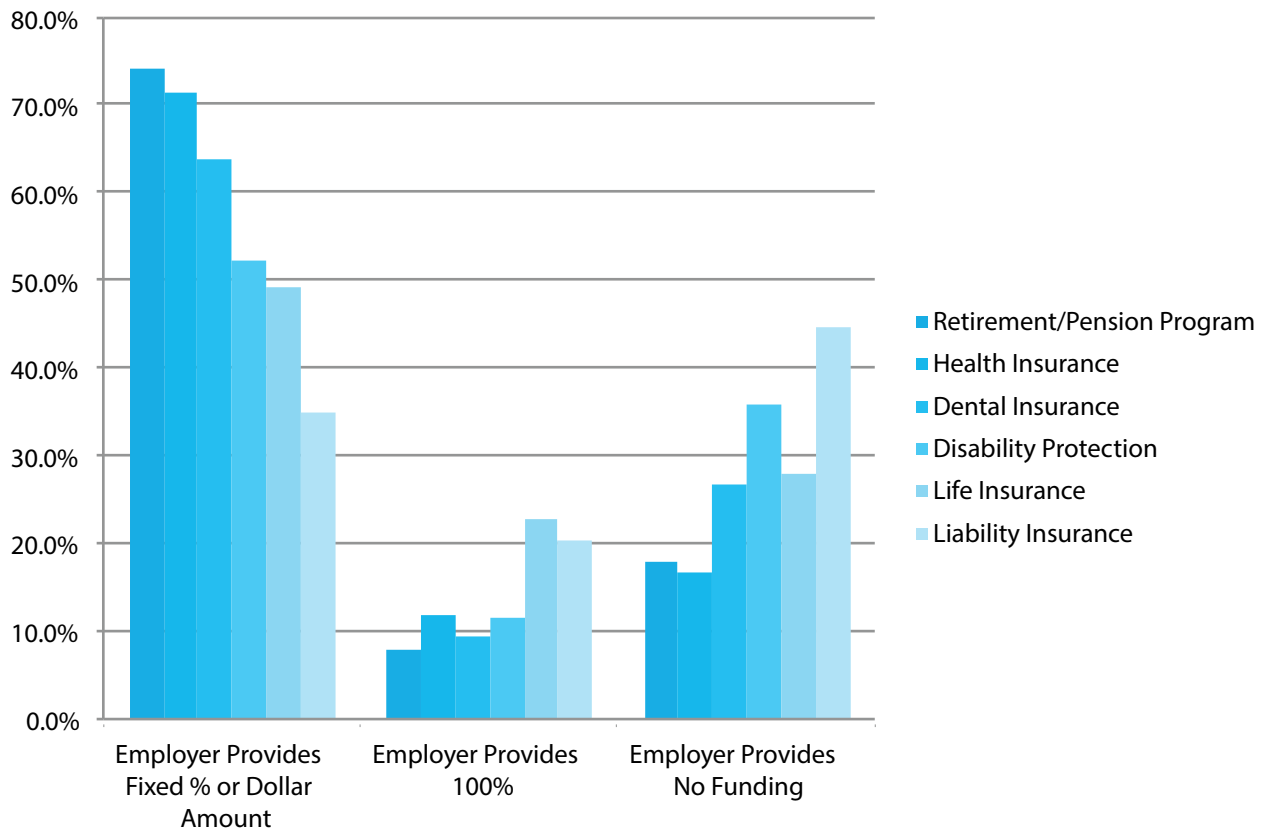
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Benefits and Professional Development

Benefits

		Retirement/ Pension Program	Health Insurance	Dental Insurance	Disability Protection	Life Insurance	Liability Insurance
Employer Provides Fixed % or Dollar Amount	Sample Percent	74.2%	71.5%	63.9%	52.4%	49.2%	35.0%
Employer Provides 100%	Sample Percent	8.0%	11.8%	9.3%	11.6%	22.7%	20.4%
Employer Provides No Funding	Sample Percent	17.8%	16.6%	26.8%	36.0%	28.1%	44.6%
n		8696	8747	8666	7610	8273	6860

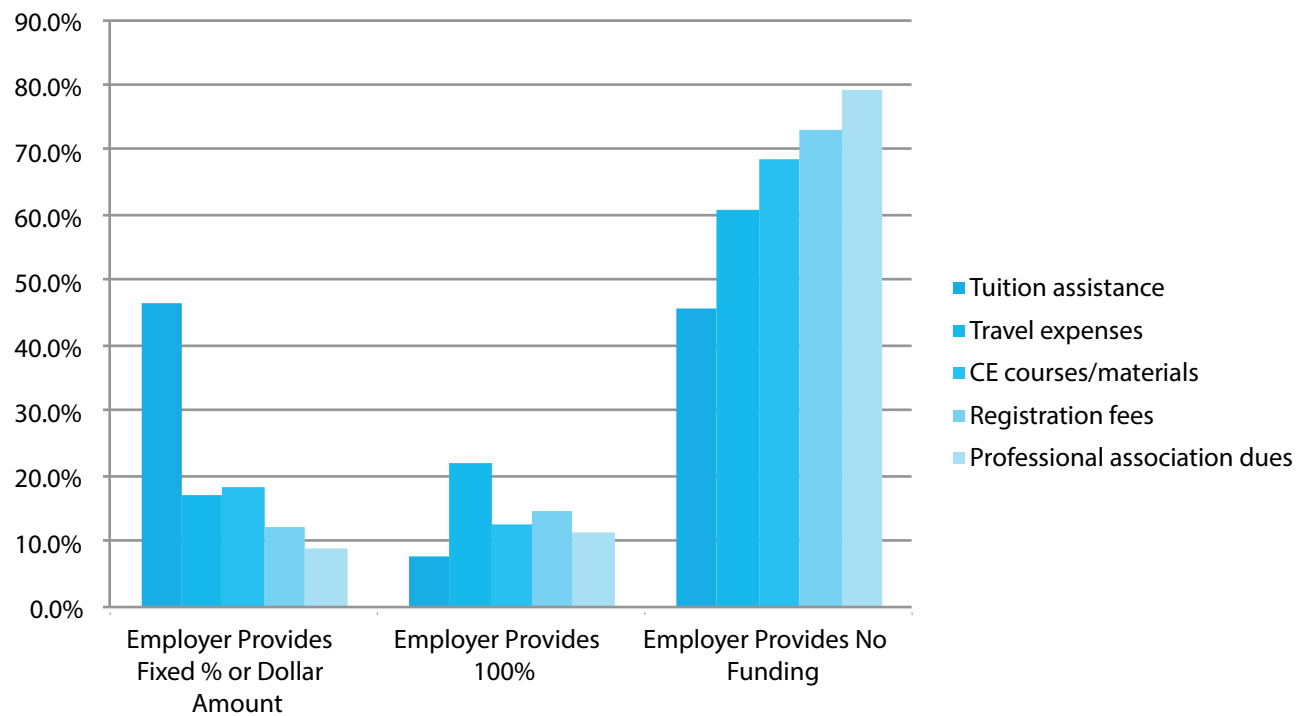
Benefits



Professional Development

		Tuition Assistance	Travel Expenses	CE Courses/ Materials	Registration Fees	Professional Association Dues
Employer Provides Fixed % or Dollar Amount	Sample Percent	46.7%	17.3%	18.5%	12.2%	9.1%
Employer Provides 100%	Sample Percent	7.7%	21.9%	12.7%	14.6%	11.4%
Employer Provides No Funding	Sample Percent	45.6%	60.8%	68.8%	73.2%	79.5%
n		8457	8493	8910	8820	8910

Professional Development



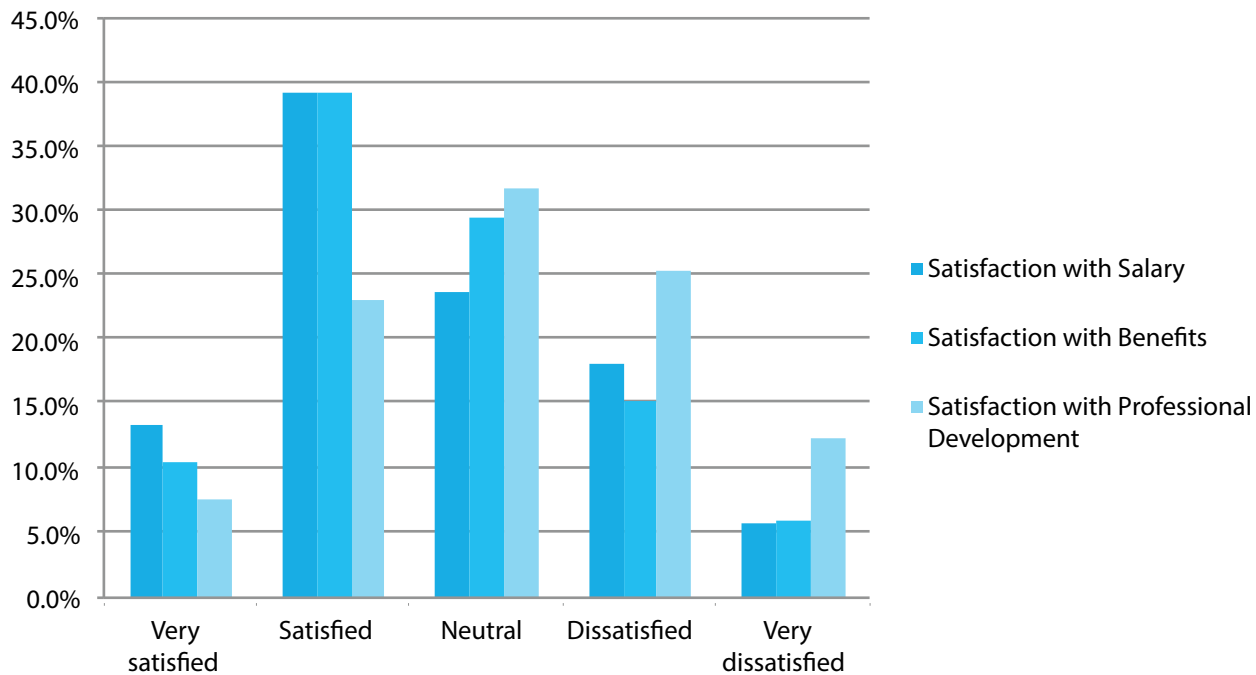
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Satisfaction with Compensation and Benefits

Satisfaction with Salary, Benefits and Professional Development

		Satisfaction with Current Wage/Salary	Satisfaction with Current Benefits	Satisfaction with Current Professional Development Benefits
Very satisfied	Sample Percent	13.4%	10.4%	7.4%
Satisfied	Sample Percent	39.3%	39.2%	23.1%
Neutral	Sample Percent	23.6%	29.4%	31.8%
Dissatisfied	Sample Percent	18.1%	15.2%	25.2%
Very dissatisfied	Sample Percent	5.6%	5.8%	12.4%
n		9695	9629	9871

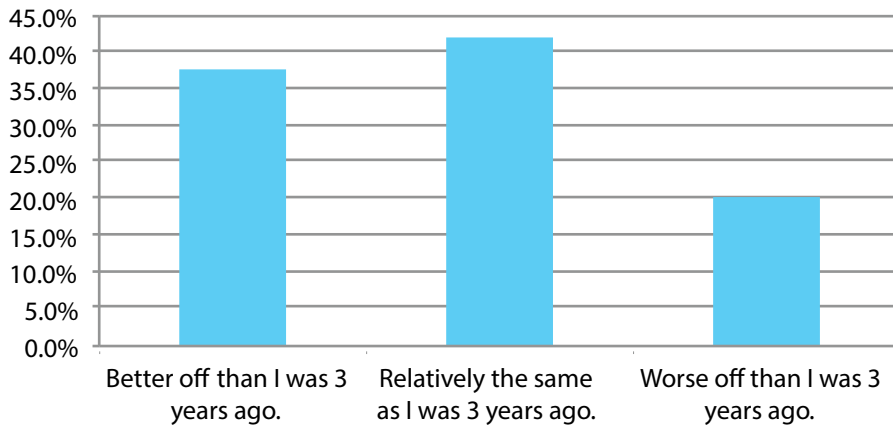
Satisfaction with Salary, Benefits and Professional Development



In terms of your wage/salary and benefits, do you feel that you are:

	n	Sample Percent
Better off than I was 3 years ago.	3645	37.6%
Relatively the same as I was 3 years ago.	4071	42.0%
Worse off than I was 3 years ago.	1968	20.3%
Total	9684	100.0%

In terms of your wage/salary and benefits, do you feel that you are:

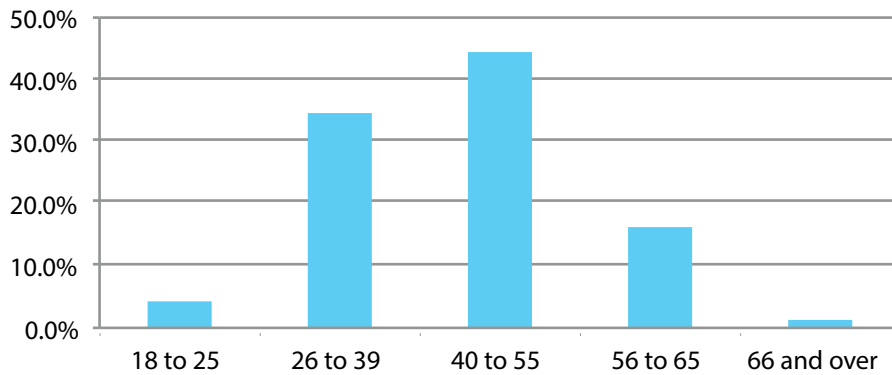


Demographics

Age

	n	Sample Percent	Cumulative Sample Percent
18 to 25	409	4.2%	4.2%
26 to 39	3372	34.7%	38.9%
40 to 55	4322	44.4%	83.3%
56 to 65	1542	15.9%	99.3%
66 and over	83	0.9%	100.0%
Total	9728	100.0%	
Mean age	43 (SD=11)		
Percentiles	5th=25, 25th=33, 50th=43, 75th=52, 95th=60		

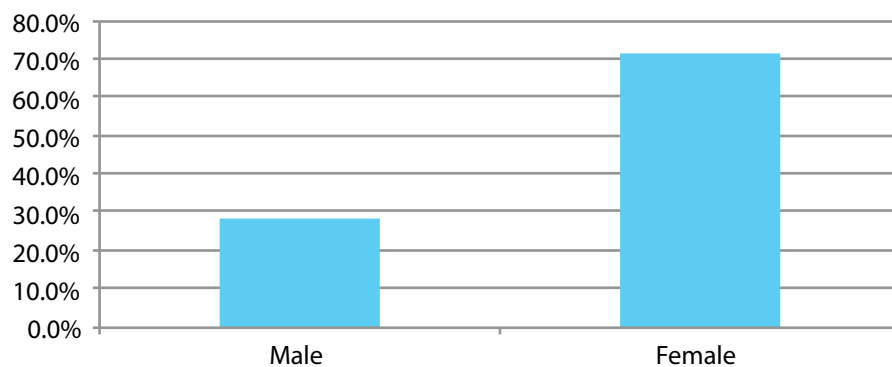
Age



Gender

	n	Sample Percent
Male	2760	28.3%
Female	6980	71.7%
Total	9740	100.0%

Gender

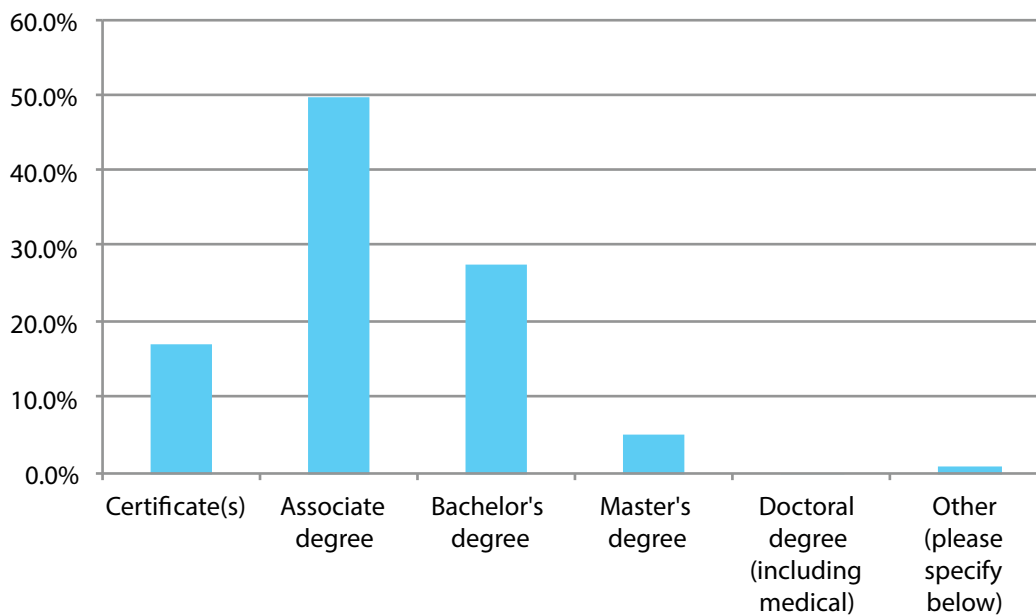


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Highest Level of Education Completed

	n	Sample Percent	Cumulative Sample Percent
Certificate(s)	1660	17.0%	17.0%
Associate degree	4865	49.7%	63.7%
Bachelor's degree	2692	27.5%	91.2%
Master's degree	488	5.0%	96.2%
Doctoral degree (including medical)	22	0.2%	96.4%
Other (please specify below)	61	0.6%	100.0%
Total	9788	100.0%	

Highest Level of Education Completed

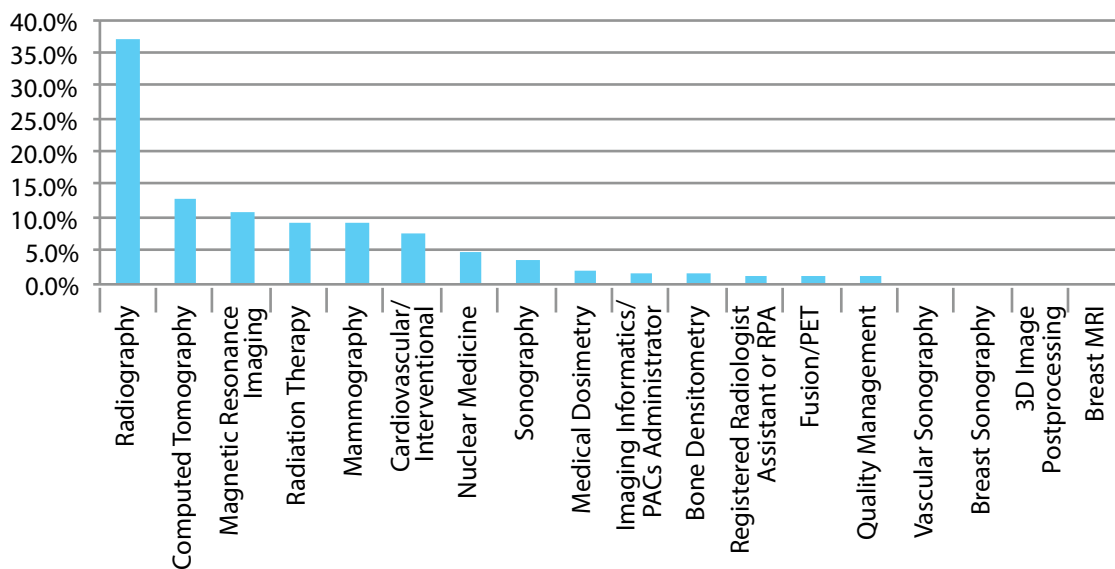


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Please indicate in which discipline or specialty you practice most of the time.

	n	Sample Percent
Radiography	3604	36.8%
Computed Tomography	1233	12.6%
Magnetic Resonance Imaging	1016	10.4%
Radiation Therapy	873	8.9%
Mammography	862	8.8%
Cardiovascular/Interventional Radiography	708	7.2%
Nuclear Medicine	422	4.3%
Sonography	324	3.3%
Medical Dosimetry	145	1.5%
Imaging Informatics/PACs Administrator	123	1.3%
Bone Densitometry	118	1.2%
Registered Radiologist Assistant or RPA	74	0.8%
Fusion/PET	73	0.7%
Quality Management	61	0.6%
Vascular Sonography	23	0.2%
Breast Sonography	19	0.2%
3D Image Postprocessing	6	0.1%
Breast MRI	5	0.1%
Other (please specify below)	107	1.1%
Total	9796	100.0%

Please indicate in which discipline or specialty you practice most of the time.

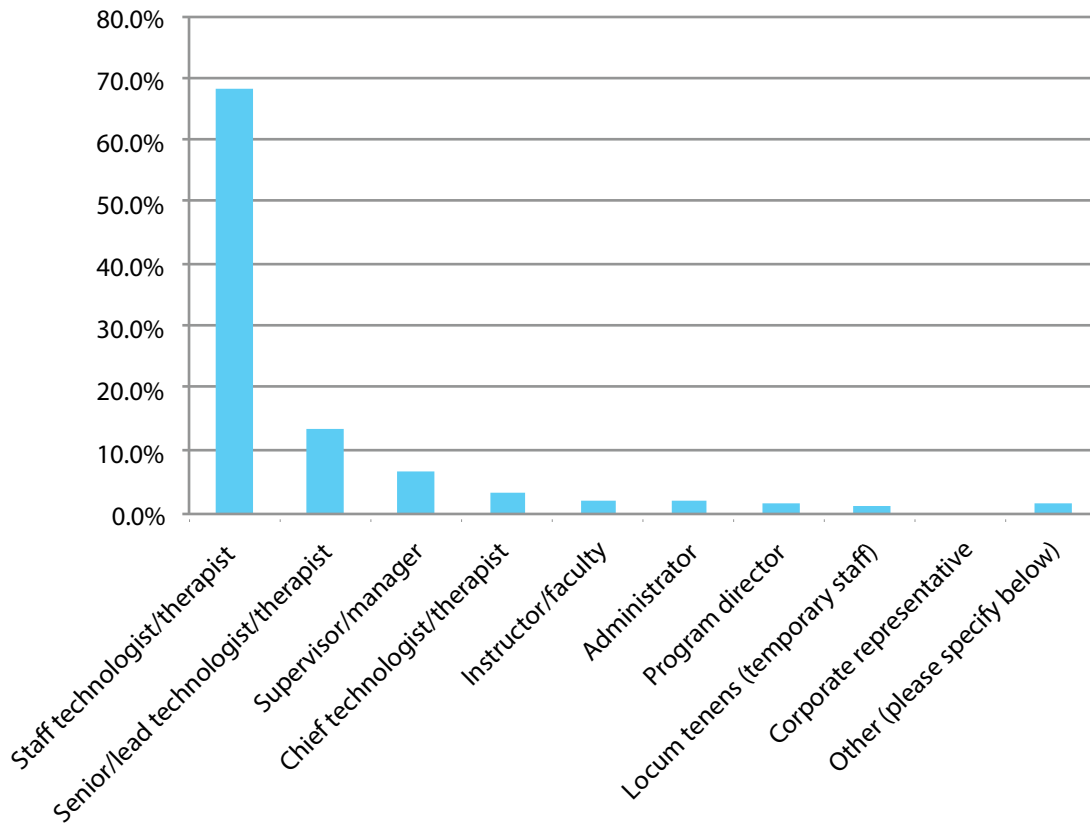


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Job Title

	n	Sample Percent
Staff technologist/therapist	6755	68.4%
Senior/lead technologist/therapist	1335	13.5%
Supervisor/manager	671	6.8%
Chief technologist/therapist	305	3.1%
Instructor/faculty	203	2.1%
Program director	146	1.5%
Administrator	178	1.8%
Corporate representative	51	0.5%
Locum tenens (temporary staff)	89	0.9%
Other (please specify below)	138	1.4%
Total	9871	100.0%

Job Title

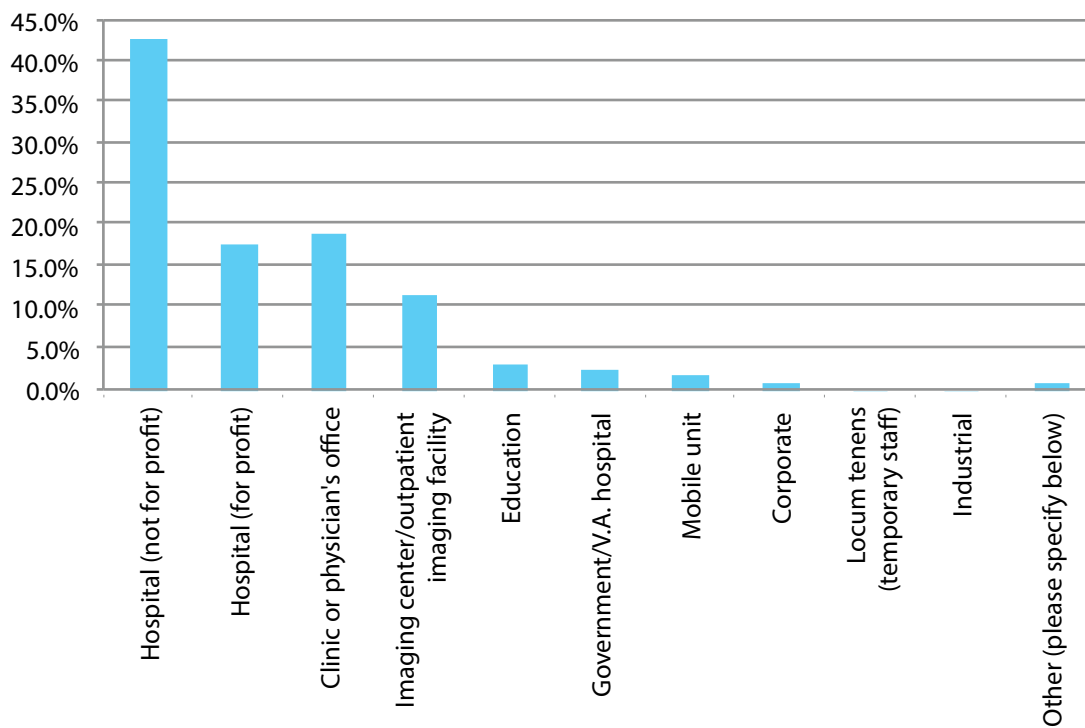


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Facility

	n	Sample Percent
Hospital (not for profit)	4174	42.7%
Hospital (for profit)	1736	17.7%
Clinic or physician's office	1872	19.1%
Imaging center/outpatient imaging facility	1119	11.4%
Education	297	3.0%
Government/V.A. hospital	236	2.4%
Mobile unit	180	1.8%
Corporate	65	0.7%
Locum tenens (temporary staff)	33	0.3%
Industrial	11	0.1%
Other (please specify below)	62	0.6%
Total	9785	100.0%

Facility

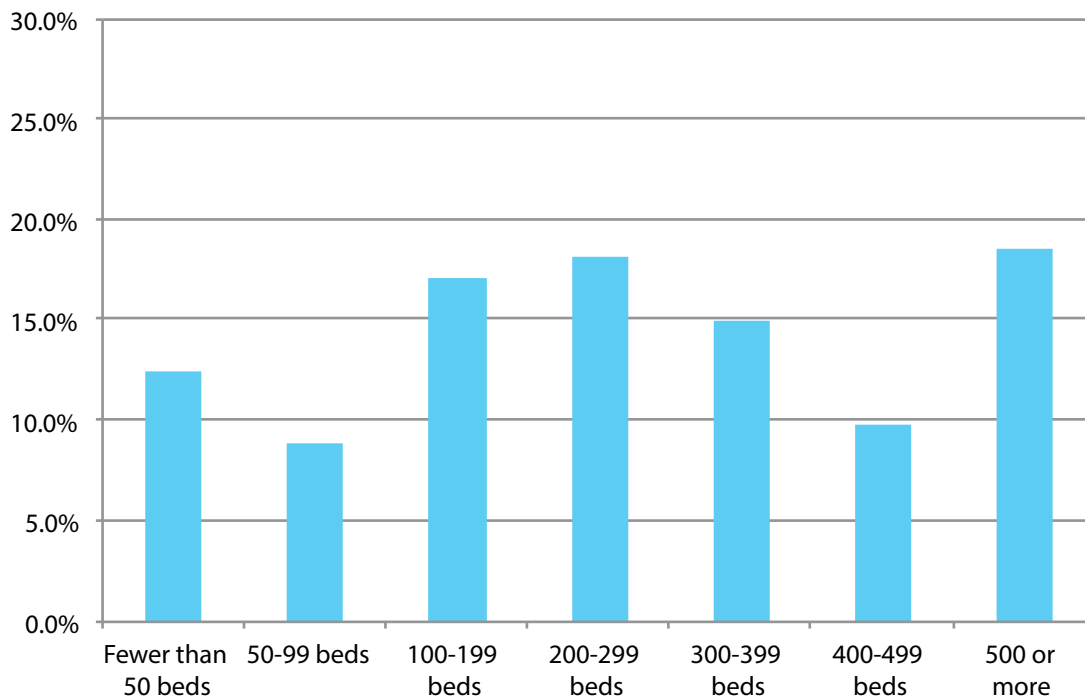


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Please specify how many beds your hospital has:

	n	Sample Percent	Cumulative Sample Percent
Fewer than 50 beds	781	12.5%	12.5%
50-99 beds	557	8.9%	21.4%
100-199 beds	1076	17.2%	38.6%
200-299 beds	1138	18.2%	56.7%
300-399 beds	939	15.0%	71.7%
400-499 beds	611	9.8%	81.4%
500 or more	1163	18.6%	100.0%
Total	6265	100.0%	

Please specify how many beds your hospital has:



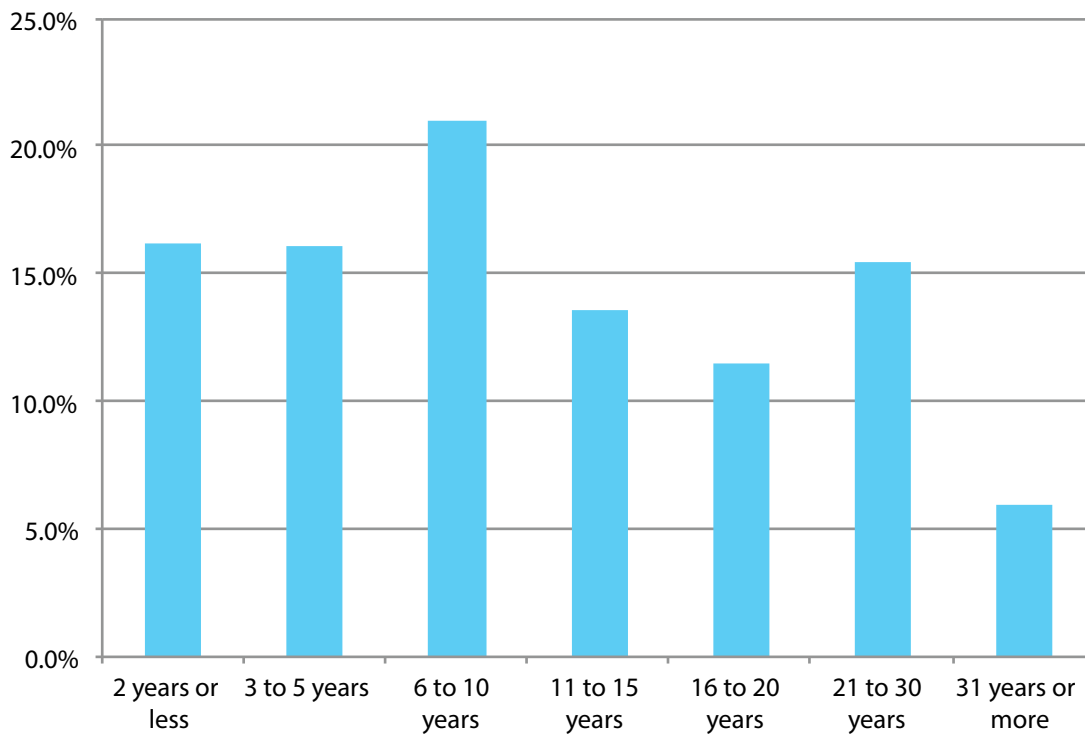
Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

Years in Profession

How many years have you worked in the Radiologic Sciences?

	n	Sample Percent	Cumulative Sample Percent
2 years or less	1284	13.2%	13.2%
3 to 5 years	1303	13.4%	36.5%
6 to 10 years	1658	17.0%	43.5%
11 to 15 years	1110	11.4%	55.9%
16 to 20 years	1234	12.6%	67.5%
21 to 30 years	1857	19.0%	86.6%
31 years or more	1311	13.4%	100.0%
Total	9757	100.0%	
Mean Years	15 (SD=12)		
Percentiles	5th=1, 25th=4, 50th=13, 75th=25, 95th=37		

How many years have you worked in the Radiologic Sciences?

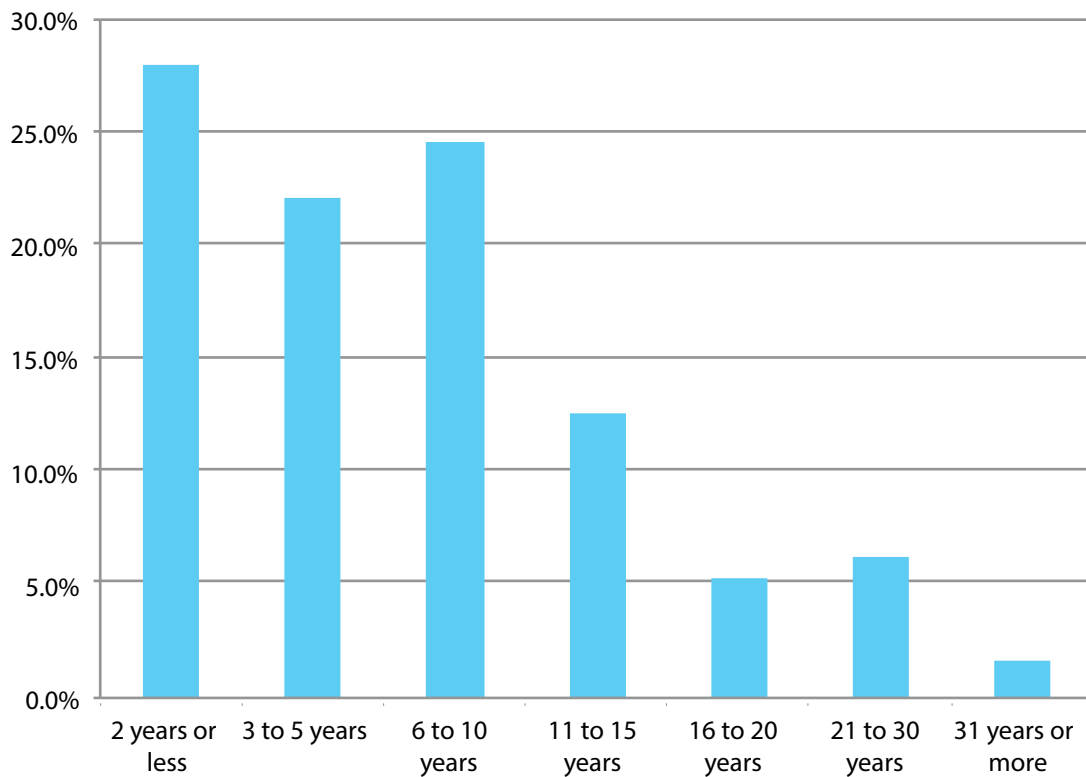


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

How many years have you worked in your primary discipline?

	n	Sample Percent	Cumulative Sample Percent
2 years or less	1582	16.2%	16.2%
3 to 5 years	1572	16.1%	32.3%
6 to 10 years	2053	21.0%	53.4%
11 to 15 years	1332	13.7%	67.0%
16 to 20 years	1123	11.5%	78.5%
21 to 30 years	1514	15.5%	94.0%
31 years or more	582	6.0%	100.0%
Total	9758	100.0%	
Mean Years	13 (SD=10)		
Percentiles	5th=1, 25th=4, 50th=10, 75th=20, 95th=33		

How many years have you worked in your primary discipline?

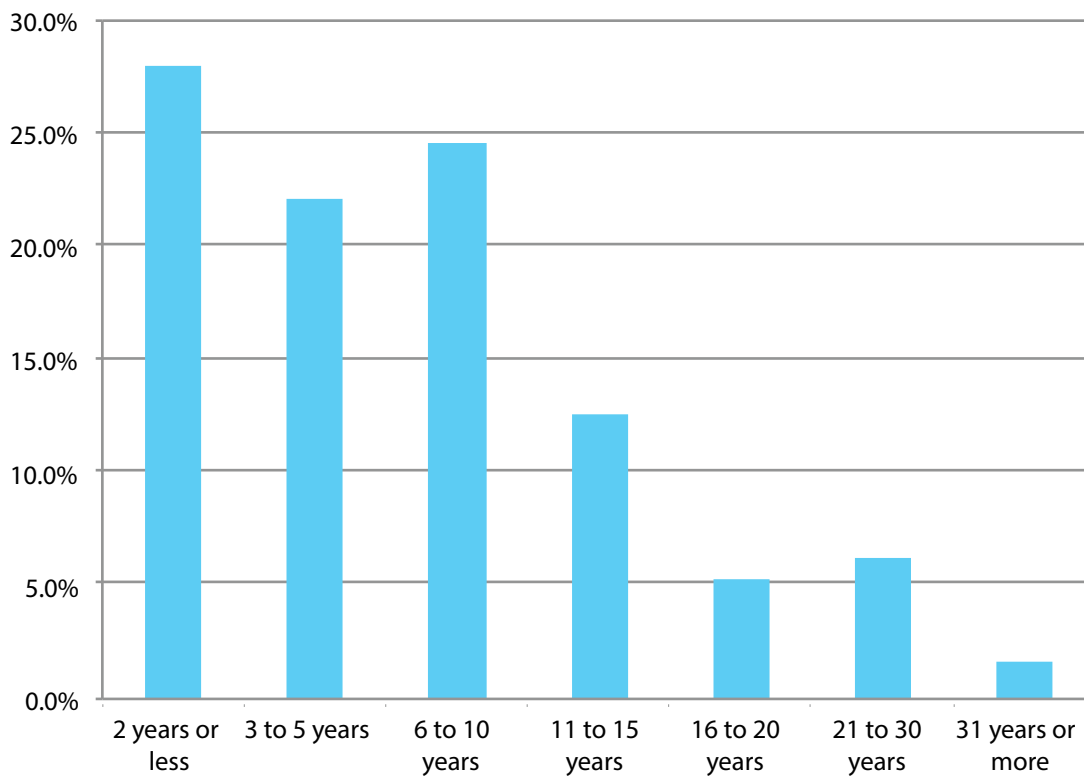


Note: All statistics (except for ns and sample percents) are weighted to national ARRT population.

How many years have you worked in your current position?

	n	Sample Percent	Cumulative Sample Percent
2 years or less	2731	28.0%	28.0%
3 to 5 years	2154	22.0%	50.0%
6 to 10 years	2406	24.6%	74.6%
11 to 15 years	1225	12.5%	87.2%
16 to 20 years	506	5.2%	92.4%
21 to 30 years	598	6.1%	98.5%
31 years or more	149	1.5%	100.0%
Total	9769	100.0%	
Mean Years	8 (SD=7)		
Percentiles	5th=1, 25th=2, 50th=5, 75th=11, 95th=24		

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	Sample n	ARRT Population N	State Weight
AK	69	637	0.284
AL	148	5,308	1.102
AR	104	3,579	1.058
AZ	199	5,947	0.918
CA	532	21,983	1.270
CO	191	4,953	0.797
CT	113	4,133	1.124
DC	36	172	0.147
DE	68	1,069	0.483
FL	499	22,088	1.360
GA	268	9,812	1.125
HA	78	1,048	0.413
IA	132	3,833	0.892
ID	126	1,585	0.387
IL	324	13,902	1.319
IN	244	8,077	1.017
KS	128	3,352	0.805
KY	160	6,235	1.198
LA	152	5,544	1.121
MA	237	7,145	0.926
MD	196	6,047	0.948
ME	99	1,714	0.532
MI	273	10,663	1.200
MN	211	5,713	0.832
MO	207	6,730	0.999
MS	119	3,818	0.986
MT	95	1,228	0.397
NC	325	11,067	1.046
ND	121	921	0.234
NE	124	2,374	0.588
NH	98	1,598	0.501
NJ	177	8,780	1.524
NM	122	1,806	0.455
NV	105	2,104	0.616
NY	358	15,900	1.365
OH	376	15,050	1.230
OK	173	3,992	0.709
OR	161	3,080	0.588
PA	338	16,747	1.523
RI	74	1,273	0.529
SC	179	5,220	0.896
SD	114	1,157	0.312
TN	241	7,822	0.997
TX	663	22,201	1.029
UT	108	2,421	0.689
VA	71	8,028	3.475
VT	244	693	0.087
WA	174	5,862	1.035
WI	197	7,423	1.158
WV	100	2,767	0.850
WY	84	681	0.249
Total	9,735	316,771	

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

Discipline Weight and Response Rate by Discipline

Discipline	Sample n	ARRT Population N	Discipline Weight
R	3604	119752	1.234
T	873	16044	0.682
NMT	422	11310	0.995
MRI	1016	26025	0.951
S	324	13074	1.498
CT	1233	31653	0.953
M	862	22402	0.965
CVIT	708	0	0.739
MD	145	0	0.000
BD	118	889	0.280
QM	61	631	0.384
RA	74	377	0.189
Informatics	123	2198	0.663
Fusion	73	1056	0.537
VS	23	930	1.501
BS	19	326	0.637
3D	6	159	0.984
BMRI	5	80	0.594
Total	9689	246906	

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