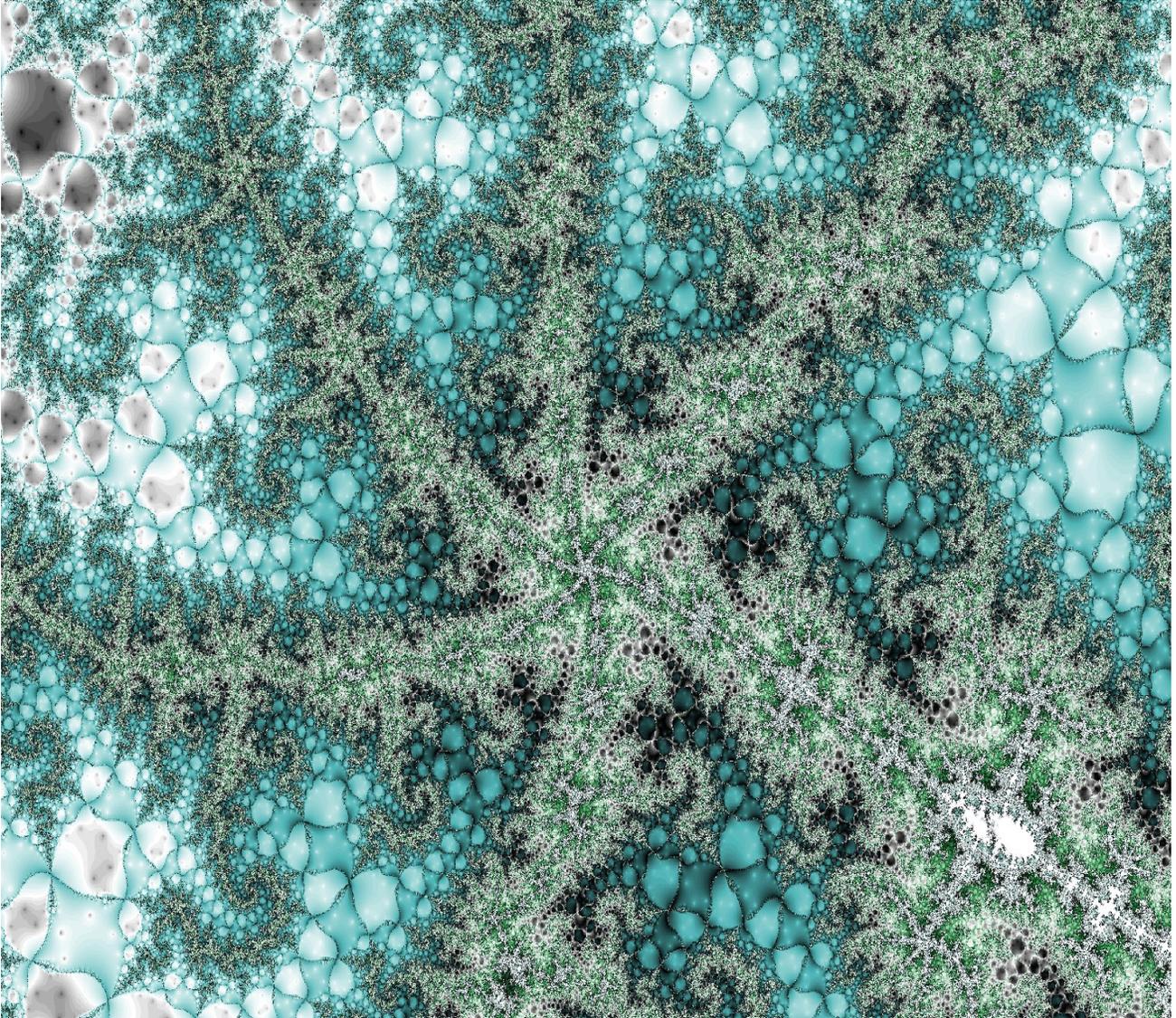


Enrollment Snapshot of Radiography, Radiation Therapy and Nuclear Medicine Technology Programs – 2014

January 2015



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American Society of Radiologic Technologists

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Executive Summary

In October 2014, an invitation to complete an online questionnaire was sent via e-mail to each of the 981 radiography, radiation therapy, and nuclear medicine technology programs listed by the American Registry of Radiologic Technologists (ARRT).¹ At the close of the survey on December 3, 2014, a total of 469 responses had been received, yielding an overall response rate of 47.8%.

	Return	Population	Percent Sampled	Margin of Error at the 95% Level
R	363	739	49.1%	±3.67%
T	53	117	45.3%	±10.00%
NMT	53	125	42.4%	±10.26%
Overall	469	981	47.8%	±3.27%

This report summarizes findings regarding radiologic science enrollment in ARRT-recognized programs based on the responses from program directors.

Demographic Analysis

- Respondents were most likely to work at two-year institutions: 44.2% of respondents characterized their program as a community college or two-year institution; 23.0% were associated with a university; 21.2% work at a medical center-based program; 8.4% work at technical colleges; and the remaining 3.2% work at for-profit schools.
- The vast majority of programs responding to the survey are in radiography (77.4%); radiation therapy and nuclear medicine technology each made up 11.3% of the remaining respondents.
- The terminal degree granted by programs responding to the survey was most likely to be an associate degree (60.6% of respondents); another 21.6% grant a terminal certificate, 16.8% grant a bachelor's degree and the remaining 1.1% grant a different degree.
- Asked about the level of institutional accreditation in their program, 73.4% of respondents said they have both programmatic and institutional accreditation, 17.5% said they had only programmatic accreditation, 8.9% said they had only institutional accreditation, and the remaining 0.2% cited an "other" accreditation arrangement.
- The vast majority of programs surveyed (96.8%) are located in the United States; 2.8% are in Canada, and 0.4% are in Australia.
 - Among those programs located in the U.S., the regions with the highest proportion of programs are the East

North Central region, with 21.1% of programs responding to the survey, and the South Atlantic region, which accounted for 20.0% of the respondents. The regions with the fewest programs were the Mountain region, accounting for 6.4% of the respondents, and New England, accounting for 5.1% of the responding programs.

Enrollment Analysis

- Based on the survey response, an average of 20.6 students entered each radiography program in 2014. This represents a decrease of 1.2 students per program from the previous year; average enrollment per program in 2013 was 21.8 students. This produces an overall estimate of 15,211 students entering ARRT-certified radiography programs in 2014, down from 16,154 in 2013.
- On average, 13.2 students entered each radiation therapy program in 2014. This represents an increase of 0.7 students per program from 2013, when on average, 12.5 students enrolled in each radiation therapy program. This produces an overall estimate of 1,544 students enrolling in ARRT-certified radiation therapy programs in 2014, up from 1,513 in 2013.
- An average of 8.5 students entered each nuclear medicine technology program in 2014. This represents a decrease of 1.5 students per program from 2013, when on average, 10.0 students enrolled in each nuclear medicine program. Overall, this produces an estimate of 1,061 students enrolling in nuclear medicine programs in 2014, down from 1,280 in 2013.

2014 Student Capacity

- Asked whether their program is currently at full enrollment, 49.7% of radiography programs, 50.9% of radiation therapy programs, and 20.8% of nuclear medicine programs said that they are currently at capacity.
- Programs not at full enrollment were asked how many additional students their program could accommodate. On average, radiography programs said they could accommodate an additional 7.2 students, radiation therapy programs said they could accommodate an additional 6.2 students, and nuclear medicine programs said they could accommodate an additional 8.1 students.
 - This produces an estimate of 2,682 additional students across all radiography programs, 355 additional students across all radiation therapy programs, and 802 additional students in nuclear medicine.

¹ American Registry of Radiologic Technologists. ARRT-recognized educational programs. www.arrt.org/nd/listOfSchools.nd/listSchools&iFrame=yes. Accessed Sept 2014.

- The mean number of qualified students turned away by radiography programs was 34.1; radiation therapy programs turned away an average of 15.7 qualified students, and nuclear medicine programs turned away an average of 8.3 qualified students.
 - This produces an estimate of 12,522 qualified students turned away in radiography, 935 turned away by radiation therapy programs, and 216 not accepted by nuclear medicine programs.

Near-term Changes

Most of the programs surveyed plan to maintain their current levels of enrollment; 84.6% of programs across disciplines plan to keep their enrollment at the same level; 8.8% of programs plan to increase enrollment, and the remaining 6.6% plan to decrease their enrollment.

- In radiography, 86.7% of programs plan to maintain current enrollment; 8.3% plan to increase enrollment, and the remaining 5.0% of programs plan to decrease enrollment.
- In radiation therapy, 77.4% of programs plan to keep their current enrollment level; 18.9% are planning a decrease, and 3.8% plan to increase enrollment.
- In nuclear medicine technology, 77.4% of programs plan to leave their enrollment unchanged, 17.0% are planning an increase, and 5.7% plan to decrease their enrollment.

The majority of programs across disciplines (76.0%) will definitely continue to operate; 20.6% will most likely continue operations, 1.9% are definitely planning to close, and the remaining 1.5% will most likely close.

- In radiography, 79.2% of programs said they would definitely continue to operate; 19.4% will most likely continue operations, and the remaining 1.4% will definitely be closing.
- In radiation therapy, 77.4% of programs will definitely continue to operate, 13.2% of programs will most likely continue operations, 5.7% will likely close, and 3.8% will definitely close.
- In nuclear medicine, 52.8% of programs will definitely continue to operate; 35.8% will likely continue to operate, 7.5% will likely close, and 3.8% will definitely close.

Program Outcomes

Asked about the attrition rate at their program, respondents indicated that, on average:

- 31.2% of students in radiography programs failed to complete their course of study.
- 26.5% of students in radiation therapy programs failed to complete their course of study.
- 36.7% of students in nuclear medicine programs failed to complete their course of study.

For those students who successfully completed the program, respondents were asked what percentage of graduates passed the credentialing exam on their first attempt:

- On average, 92.2% of radiography graduates pass the exam on their first attempt.
- On average, 89.5% of radiation therapy graduates pass the exam on their first attempt.
- On average, 90.5% of nuclear medicine graduates pass the exam on their first attempt.

Asked whether graduates of their program were able to find employment in their primary discipline within 6 months of graduating:

- Respondents said that, from the class of 2013, 85.1% of graduates from radiography programs, 85.6% from radiation therapy programs, and 83.7% of graduates of nuclear medicine programs were able to find employment in their field within 6 months.
- These placement rates represent a decrease of 0.2% from 85.3% the previous year in radiography, a decline of 1.6% from 87.2% the previous year in radiation therapy, and a decrease of 0.1% from 83.8% the previous year in nuclear medicine.
- Respondents showed considerable diversity of opinion as to why those graduates unable to find work had been unable to do so. Overall, 25.4% of respondents blame facilities cutting back positions; 24.4% cite too many graduates in relation to the number of open positions, 20.7% list other reasons, 14.4% believe it is due to the current workforce delaying retirement, 13.7% believe it is a result of management deciding not to fill open positions and the remaining 1.3% blame hospital closings.

Comparing Canadian and U.S. Programs

- In radiography, the mean entering class size was larger in Canada than in the United States. On average, 31.5 students entered each Canadian program, compared with an average of 20.2 students entering each program in the United States; 23.3 students entered Canadian each radiation therapy program compared with 11.4 entering each radiation therapy program in the United States; 16.0 students entered each Canadian nuclear medicine program compared with 8.5 entering each nuclear medicine programs in the United States.
- Overall, based on the survey responses, the calculated mean entering class size, and the total number of programs, the estimated total enrollment for each discipline is:
 - Radiography: 14,302 in the U.S. and 693 in Canada.
 - Radiation therapy: 1,094 in the U.S. and 349 in Canada.
 - Nuclear medicine: 1,019 in the U.S. and 80 in Canada.

- Canadian radiography programs were noticeably more likely to be at full enrollment than their U.S. counterparts: in radiography, 87.5% of Canadian radiography programs were at full enrollment, compared with 49.0% of U.S. programs. In radiation therapy, 50.0% of programs in both the United States and Canada were at full enrollment. In nuclear medicine, 100.0% of Canadian programs were at capacity (note that only a single

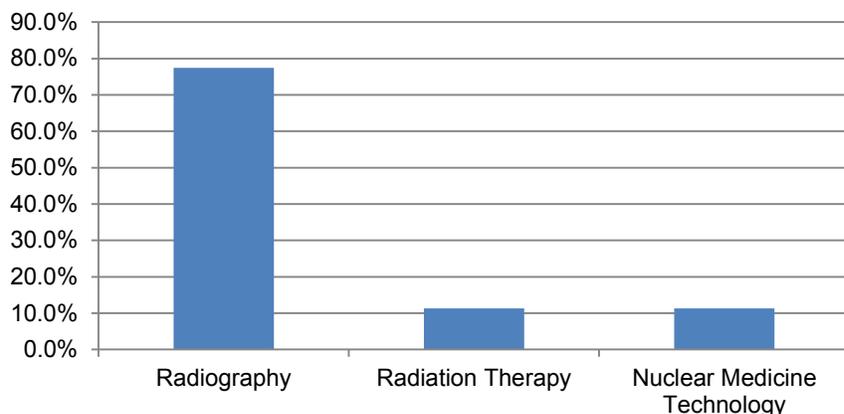
Canadian program in this discipline responded to the survey), compared with 20.0% of U.S. programs.

Demographics

Indicate your program type.

	N	Valid Percent	Population Distribution	Sample Return as Percent of Population
Radiography	363	77.4%	739	49.1%
Radiation therapy	53	11.3%	117	45.3%
Nuclear medicine technology	53	11.3%	125	42.4%
Total	469	100.0%	981	47.8%

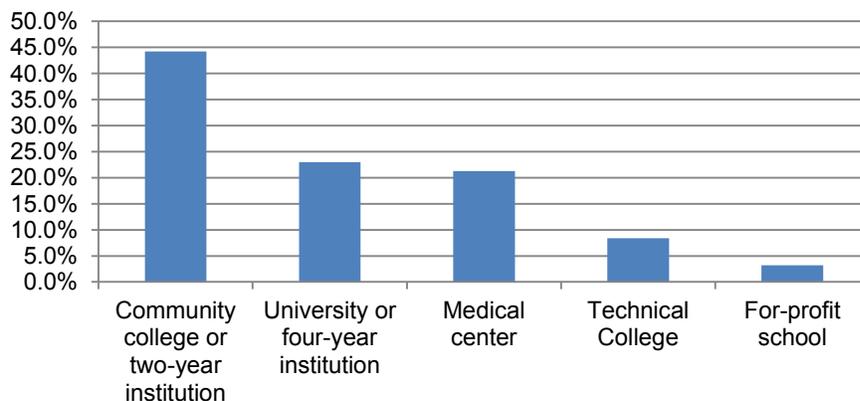
Indicate your program type.



What is your primary place of employment?

	N	Valid Percent
Community college or two-year institution	206	44.2%
University or four-year institution	107	23.0%
Medical center	99	21.2%
Technical college	39	8.4%
For-profit school	15	3.2%
Total	466	100.0%

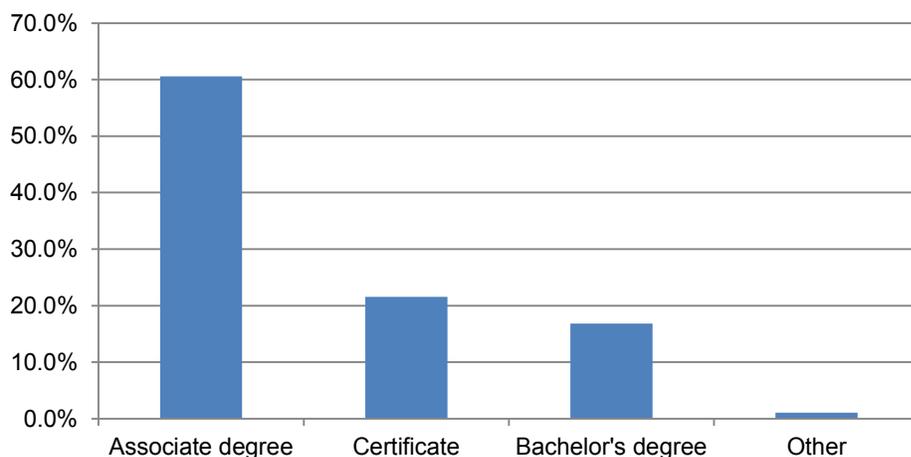
What is your primary place of employment?



What is the terminal degree earned by the graduates in your program?

	Frequency	Valid Percent
Associate degree	281	60.6%
Certificate	100	21.6%
Bachelor's degree	78	16.8%
Other	5	1.1%
Total	464	100.0%

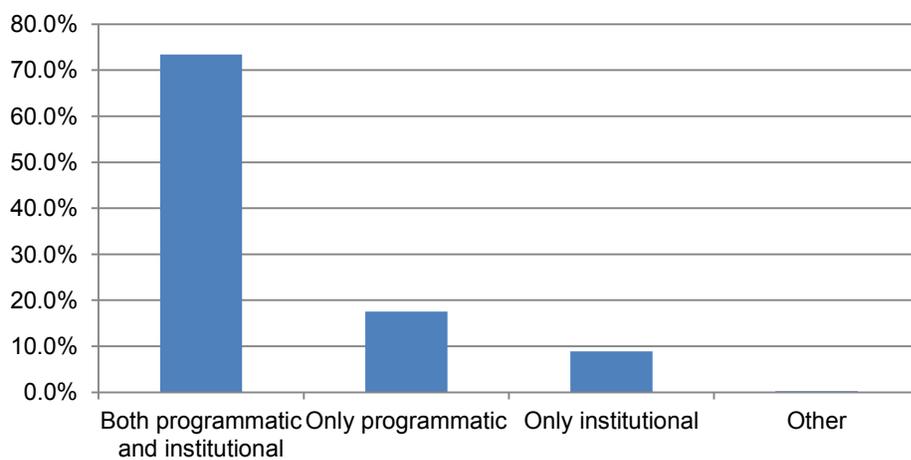
What is the terminal degree earned by the graduates in your program?



What is the level of educational accreditation in your program?

	N	Valid Percent
Both programmatic and institutional	339	73.4%
Only programmatic	81	17.5%
Only institutional	41	8.9%
Other	1	0.2%
Total	462	100.0%

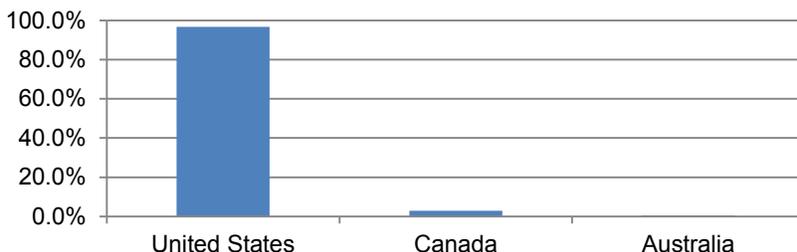
What is the level of educational accreditation in your program?



In what country is your program located?

	Frequency	Valid Percent
United States	451	96.8%
Canada	13	2.8%
Australia	2	0.4%
Total	466	100.0%

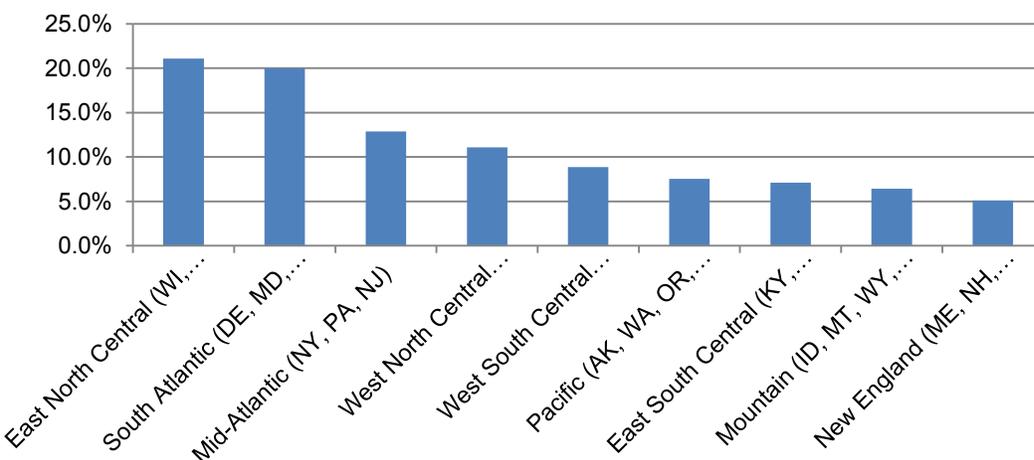
In what country is your program located?



If you chose the United States in the question above, please indicate in which region your program is located.

	Frequency	Valid Percent
East North Central (WI, MI, IL, IN, OH)	95	21.1%
South Atlantic (DE, MD, DC, VA, WV, NC, SC, GA, FL, PR)	90	20.0%
Mid-Atlantic (NY, PA, NJ)	58	12.9%
West North Central (ND, SD, NE, KS, MN, IA, MO)	50	11.1%
West South Central (OK, TX, AR, LA)	40	8.9%
Pacific (AK, WA, OR, CA, HI)	34	7.5%
East South Central (KY, TN, MS, AL)	32	7.1%
Mountain (ID, MT, WY, NV, UT, CO, AZ, NM)	29	6.4%
New England (ME, NH, VT, MA, CT)	23	5.1%
Total	451	100.0%

If you chose the United States in the question above, please indicate in which region your program is located.

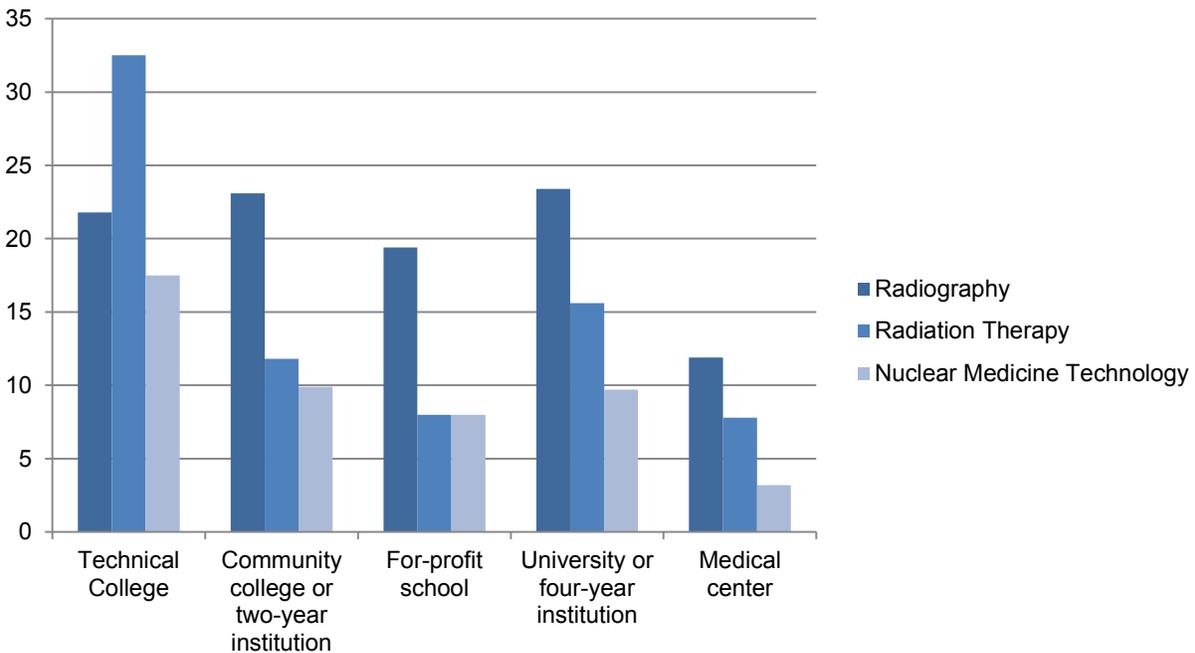


2014 Enrollment Analysis

Mean Number of Students Entering by Program and Institution Type

	Radiography			Radiation Therapy			Nuclear Medicine Technology			Overall		
	Mean	N	SD	Mean	N	SD	Mean	N	SD	Mean	N	SD
Technical college	21.8	35	13.8	32.5	2	46.0	17.5	2	12.0	22.1	39	15.4
Community college or two-year institution	23.1	179	10.4	11.8	14	11.5	9.9	13	8.1	21.5	206	11.1
For-profit school	19.4	12	9.7	8.0	2	11.3	8.0	1	.	19.9	15	11.0
University or four-year institution	23.4	61	13.3	15.6	23	15.1	9.7	23	7.5	18.8	107	13.9
Medical center	11.9	75	6.5	7.8	12	6.2	3.2	12	1.7	10.4	99	6.8
Total	20.6	362	11.5	13.2	53	14.4	8.5	51	7.4	18.5	466	12.6

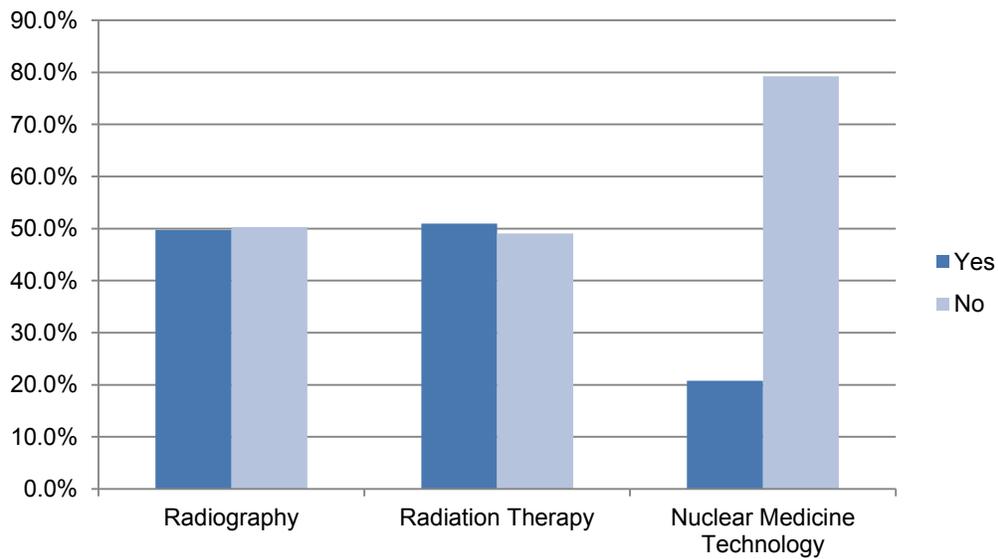
Mean Number of Students Entering by Program and Institution Type



Is your program currently at full enrollment?

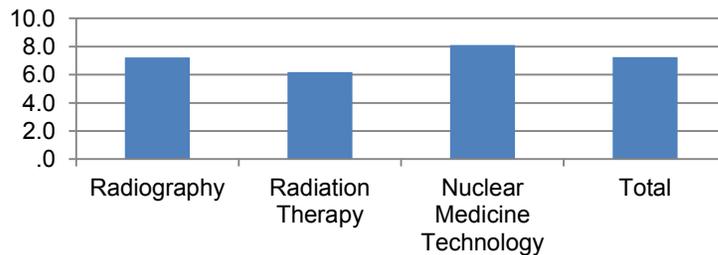
		Radiography	Radiation Therapy	Nuclear Medicine Technology	Overall
Yes	N	180	27	11	218
	%	49.7%	50.9%	20.8%	46.6%
No	N	182	26	42	250
	%	50.3%	49.1%	79.2%	53.4%
Total	N	362	53	53	468
	%	100.0%	100.0%	100.0%	100.0%

Is your program currently at full enrollment?

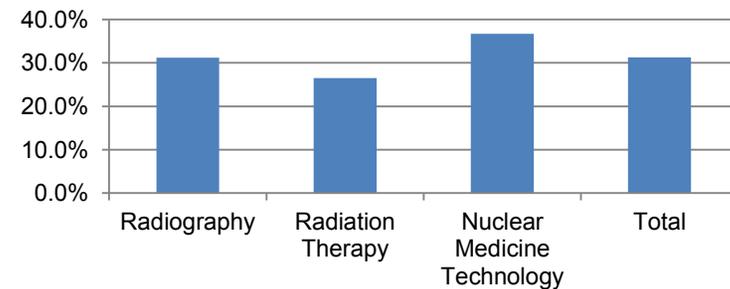


	Radiography			Radiation Therapy			Nuclear Medicine Technology			Overall		
	Mean	N	SD	Mean	N	SD	Mean	N	SD	Mean	N	SD
If you are not at full enrollment, how many additional students could be accommodated by your program?	7.2	181	7.6	6.2	26	5.2	8.1	40	10.1	7.3	247	7.8
How many qualified students did you turn away this fall?	34.1	328	50.2	15.7	49	20.4	8.3	51	43.7	28.9	428	47.9
Attrition rate	31.2%	331	30.7%	26.5%	50	30.3%	36.7%	48	34.0%	31.2%	429	31.1%
What percentage of students passed the credentialing exam on the first try?	92.2%	318	14.9%	89.5%	49	22.2%	90.5%	48	17.1%	91.7%	415	16.2%

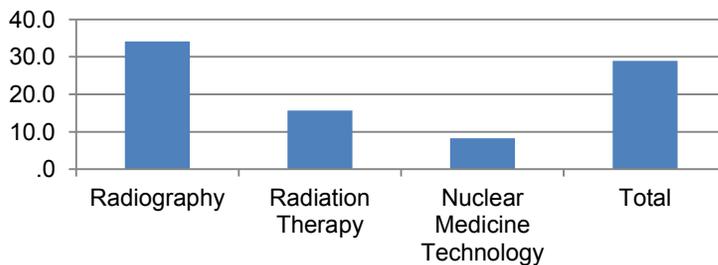
If you are not at full enrollment, how many additional students could be accommodated by your program?



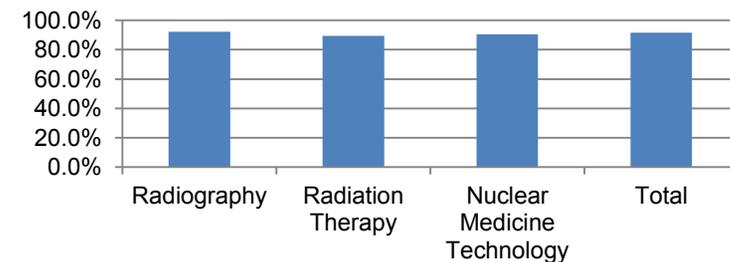
What was the attrition rate for the class of 2014?



How many qualified students did you turn away this fall?



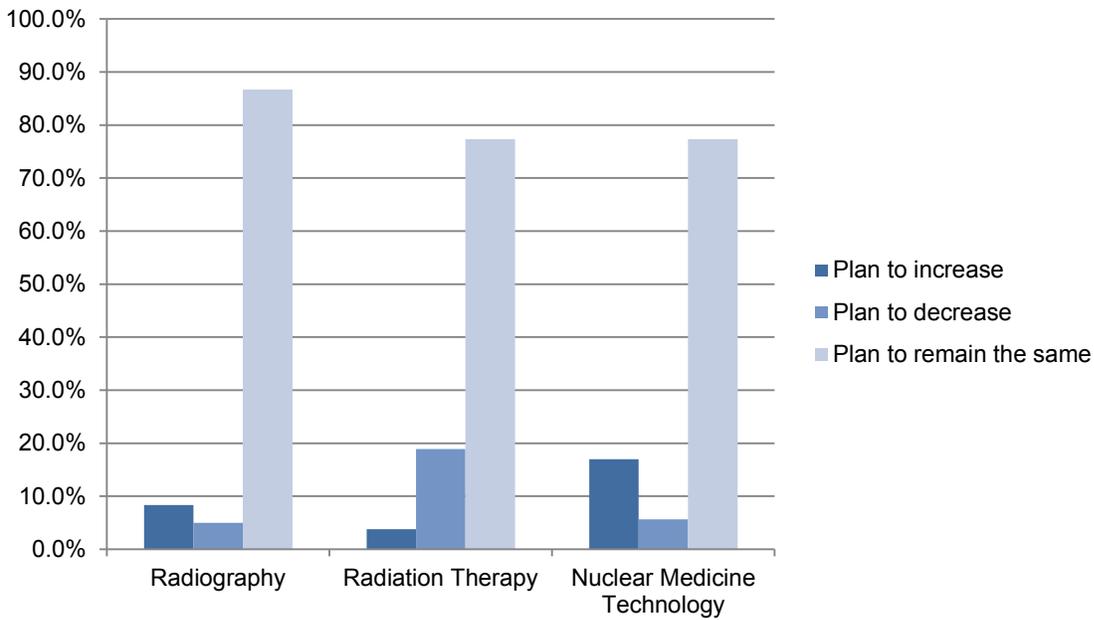
What percentage of students from the class of 2014 passed the credentialing exam on the first try?



Do you plan any changes related to enrollment?

		Radiography	Radiation Therapy	Nuclear Medicine Technology	Overall
Plan to increase	N	30	2	9	41
	%	8.3%	3.8%	17.0%	8.8%
Plan to decrease	N	18	10	3	31
	%	5.0%	18.9%	5.7%	6.6%
Plan to remain the same	N	313	41	41	395
	%	86.7%	77.4%	77.4%	84.6%
Total	N	361	53	53	467
	%	100.0%	100.0%	100.0%	100.0%

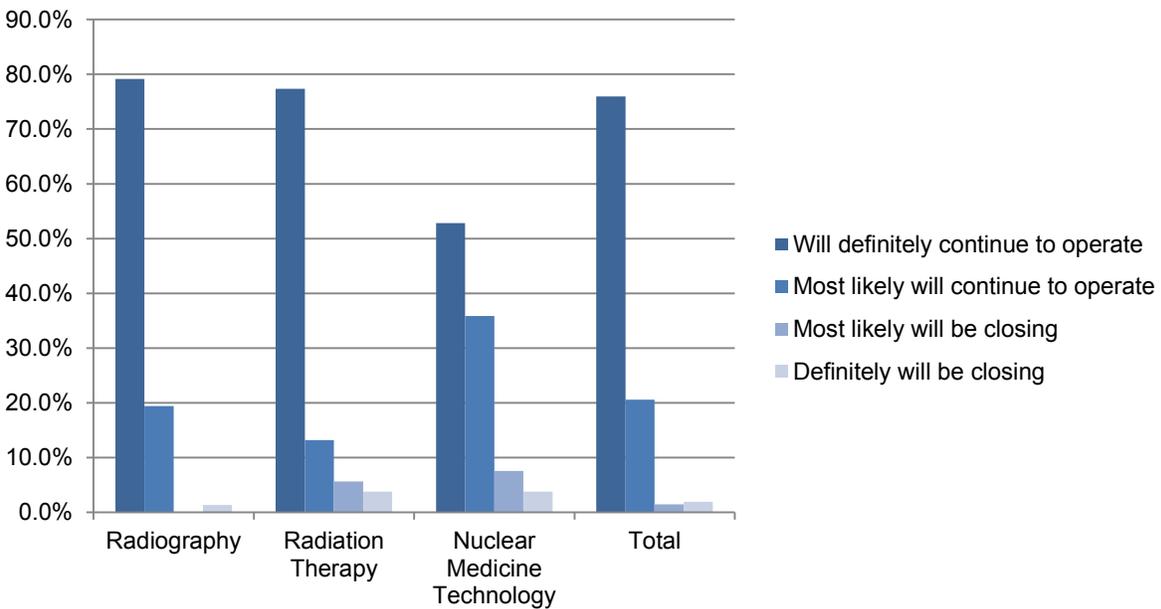
Do you plan any changes related to enrollment?



How viable is your program over the next few years?

		Radiography	Radiation Therapy	Nuclear Medicine Technology	Overall
Will definitely continue to operate	N	285	41	28	354
	%	79.2%	77.4%	52.8%	76.0%
Most likely will continue to operate	N	70	7	19	96
	%	19.4%	13.2%	35.8%	20.6%
Most likely will be closing	N	0	3	4	7
	%	0.0%	5.7%	7.5%	1.5%
Definitely will be closing	N	5	2	2	9
	%	1.4%	3.8%	3.8%	1.9%
Total	N	360	53	53	466
	%	100.0%	100.0%	100.0%	100.0%

How viable is your program over the next few years?

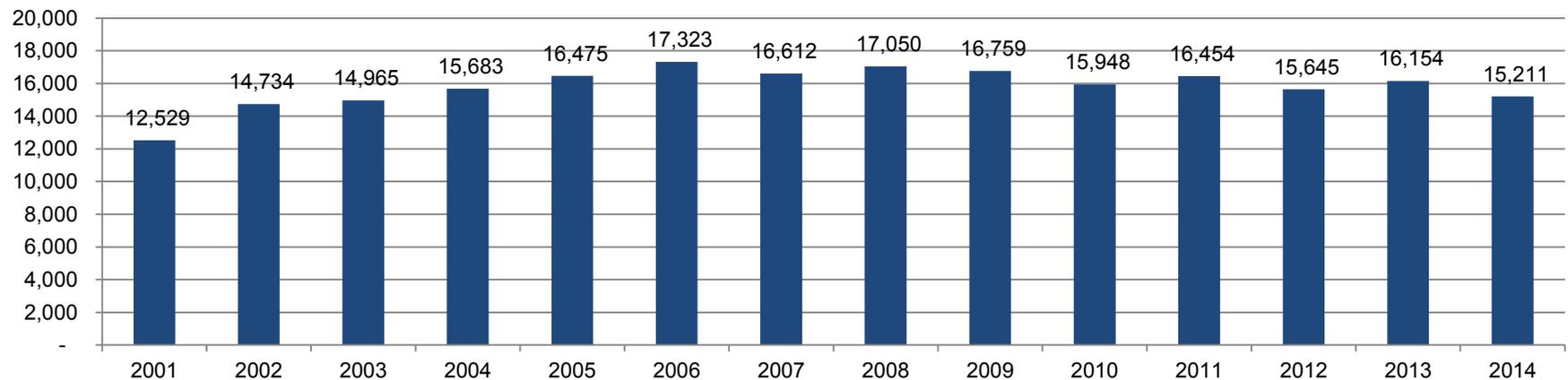


Longitudinal Enrollment Trends

Radiography

Year	ARRT-recognized programs	Percent of programs responding to survey with enrollment data	Mean number of students entering classroom	Estimated total students enrolled for all programs	Mean attrition rate	Percent of programs not at full capacity	Mean additional students per program for those not at full capacity	Estimated total additional students for programs not at full capacity	Mean qualified students per program turned away	Estimated total qualified students turned away
2001	590	75.4%	21.2	12,529	21.6%	50.2%				
2002	631	67.5%	23.4	14,734	23.6%	30.9%	8.7	1,688	31.6	13,766
2003	639	71.4%	23.4	14,965	21.6%	21.2%	5.8	741	46.8	23,550
2004	684	68.7%	22.9	15,683	20.5%	21.7%	7.5	1,106	55.1	29,531
2005	715	65.5%	22.8	16,475	18.1%	20.9%	7.4	1,104	50.9	27,131
2006	723	73.7%	24.0	17,323	18.4%	22.6%	7.0	1,142	59.2	33,148
2007	729	67.9%	22.8	16,612	17.8%	30.2%	7.1	1,558	56.8	28,556
2008	742	70.1%	23.0	17,050	21.1%	33.3%	8.4	2,073	50.4	24,914
2009	746	60.1%	22.5	16,759	20.8%	40.0%	3.7	1,088	43.4	19,386
2010	751	64.8%	21.2	15,948	23.3%	43.7%	7.6	2,490	39.1	16,528
2011	751	57.7%	21.9	16,454	25.8%	46.2%	7.6	2,637	37.1	14,978
2012	750	62.8%	20.9	15,645	29.1%	44.9%	8.3	2,785	39.5	15,950
2013	741	50.5%	21.8	16,154	27.9%	46.5%	7.8	2,688	36.3	14,391
2014	739	49.1%	20.6	15,211	31.2%	50.3%	7.2	2,682	34.1	12,522

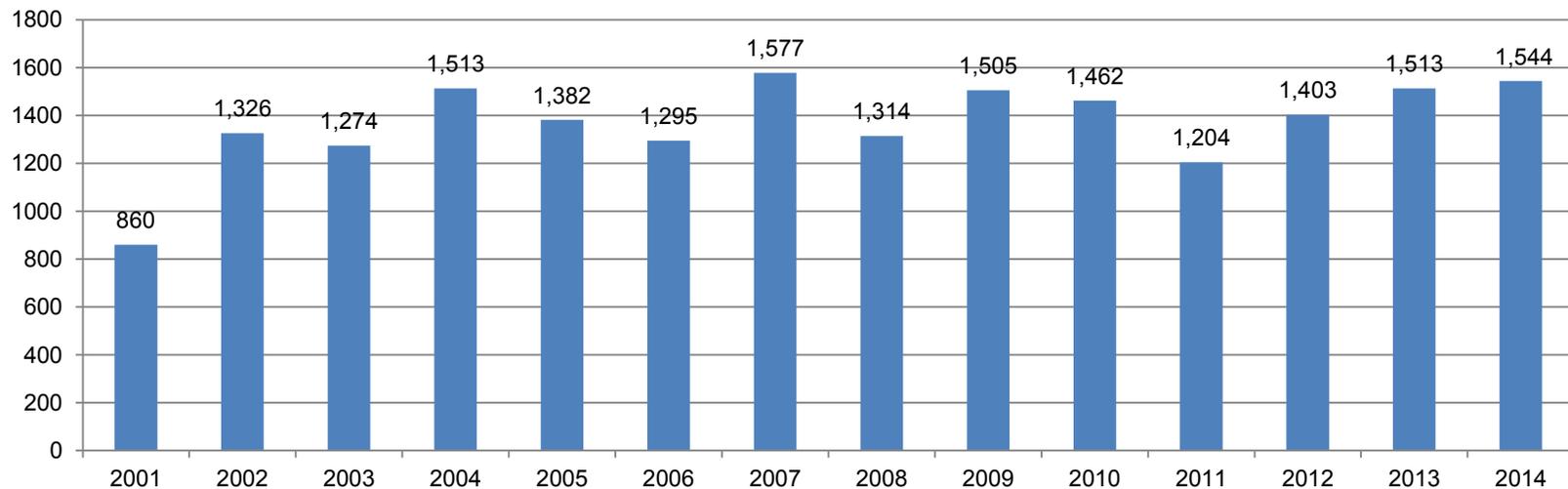
Estimated Total Students Enrolled for All Radiography Programs



Radiation Therapy

Year	ARRT-recognized programs	Percent of programs responding to survey with enrollment data	Mean number of students entering classroom	Estimated total students enrolled for all programs	Mean attrition rate	Percent of programs not at full capacity	Mean additional students per program for those not at full capacity	Estimated total additional students for programs not at full capacity	Mean qualified students per program turned away	Estimated total qualified students turned away
2001	86	60.5%	10.0	860	18.1%	44.4%
2002	95	59.9%	14.0	1,326	11.1%	48.0%	5.7	261	9.1	449
2003	101	57.4%	12.6	1,274	18.0%	44.6%	4.4	200	13.6	758
2004	105	55.2%	14.4	1,513	11.9%	30.5%	12.5	400	13.4	974
2005	113	56.6%	12.5	1,382	16.8%	32.1%	3.4	124	24.5	1,880
2006	118	67.8%	11.0	1,295	16.6%	49.3%	6.4	373	21.6	1,291
2007	122	54.1%	12.9	1,577	15.2%	51.5%	6.3	395	13.3	931
2008	125	49.6%	10.5	1,314	14.4%	58.6%	4.5	330	33.0	1,708
2009	122	49.2%	12.5	1,505	10.9%	55.5%	3.7	243	15.8	869
2010	122	57.4%	12.0	1,462	18.3%	49.3%	7.9	475	18.0	1,112
2011	123	44.1%	9.8	1,204	21.9%	51.9%	6.1	388	14.3	846
2012	122	48.4%	11.5	1,403	18.9%	53.4%	6.9	451	14.4	844
2013	121	55.4%	12.5	1,513	21.8%	57.6%	5.7	397	17.1	877
2014	117	45.3%	13.2	1,544	26.5%	49.1%	6.2	355	15.7	935

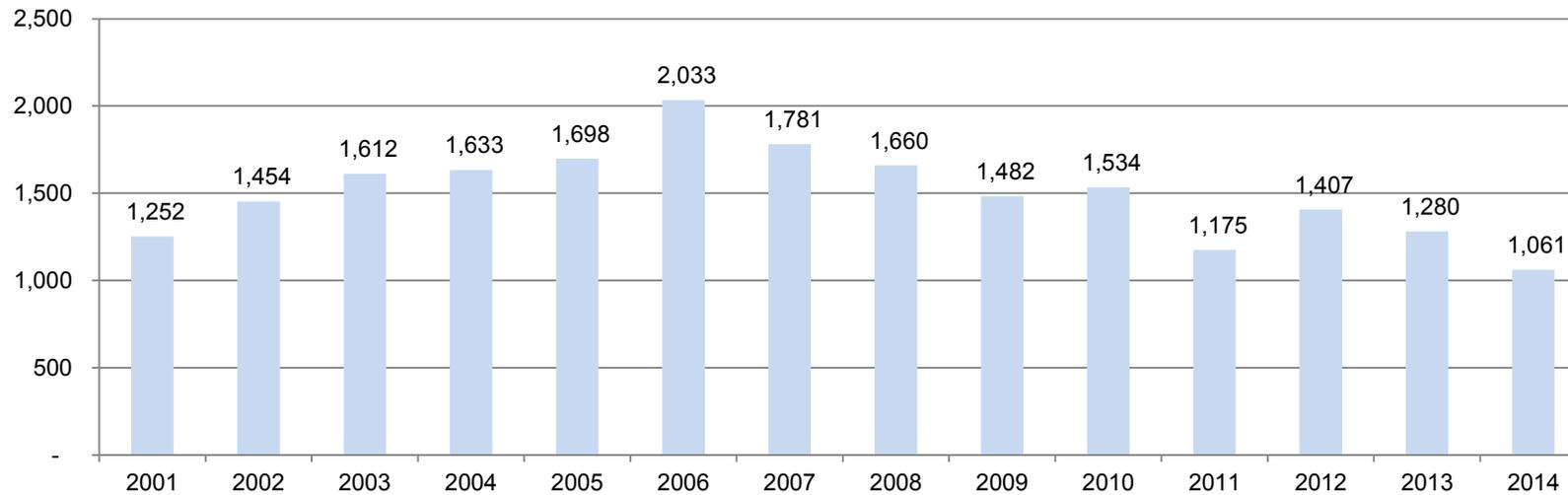
Estimated total students enrolled for all radiation therapy programs



Nuclear Medicine Technology

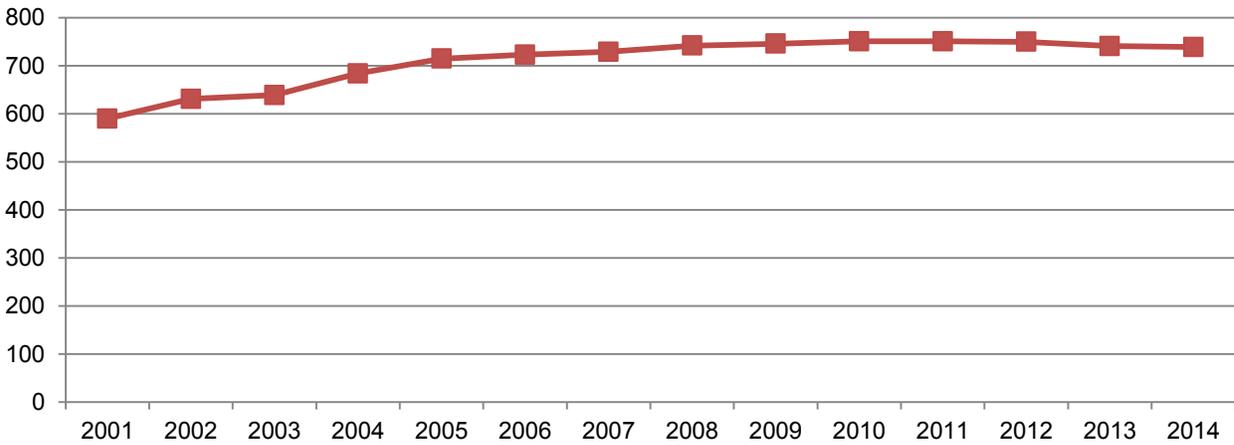
Year	ARRT-recognized programs	Percent of programs responding to survey with enrollment data	Mean number of students entering classroom	Estimated total students enrolled for all programs	Mean attrition rate	Percent of programs not at full capacity	Mean additional students per program for those not at full capacity	Estimated total additional students for programs not at full capacity	Mean qualified students per program turned away	Estimated total qualified students turned away
2001	101	62.4%	12.4	1,252	11.8%	53.2%
2002	104	55.8%	14.0	1,454	8.0%	35.7%	6.7	251	19.7	1,381
2003	111	59.5%	14.5	1,612	7.1%	33.3%	2.7	180	32.1	2,375
2004	117	58.1%	14.0	1,633	9.8%	20.9%	3.6	88	24.4	2,258
2005	122	51.6%	13.7	1,698	8.6%	30.6%	5.1	191	32.9	2,786
2006	131	71.8%	15.5	2,033	10.2%	31.8%	5.7	238	30.2	2,697
2007	132	55.3%	13.5	1,781	8.3%	39.7%	6.3	331	24.2	1,916
2008	136	59.5%	12.2	1,660	12.3%	58.4%	10.0	794	18.2	1,032
2009	136	47.5%	10.8	1,482	7.0%	63.0%	4.3	416	9.3	473
2010	136	47.1%	11.3	1,534	12.9%	78.8%	7.0	748	12.9	372
2011	134	45.7%	8.8	1,175	11.3%	82.5%	7.2	796	8.0	187
2012	134	56.7%	10.5	1,407	18.4%	73.0%	8.7	851	6.4	150
2013	128	46.9%	10.0	1,280	23.8%	76.1%	7.9	770	7.8	239
2014	125	42.4%	8.5	1,061	36.7%	79.2%	8.1	802	8.3	216

Estimated Total Students Enrolled for All Nuclear Medicine Programs

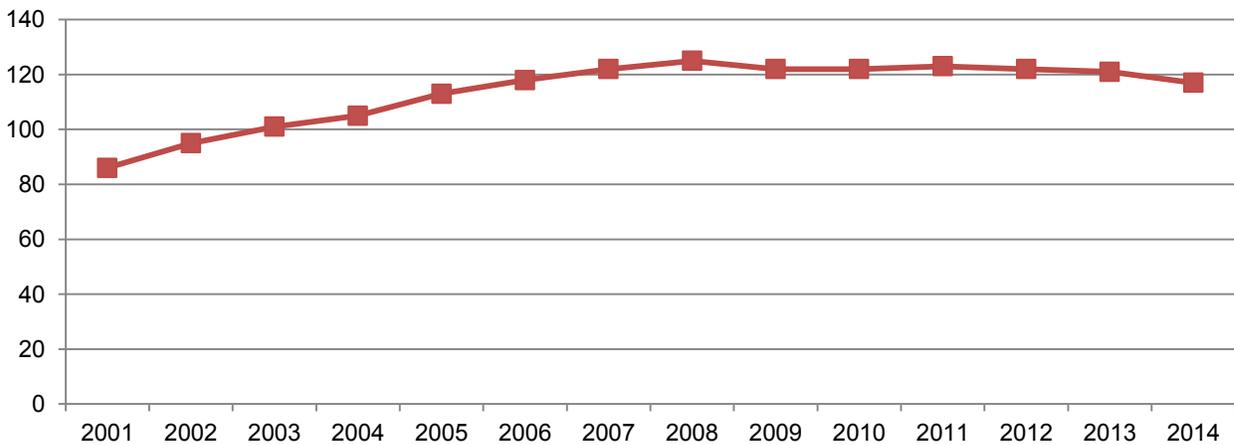


ARRT-recognized Programs

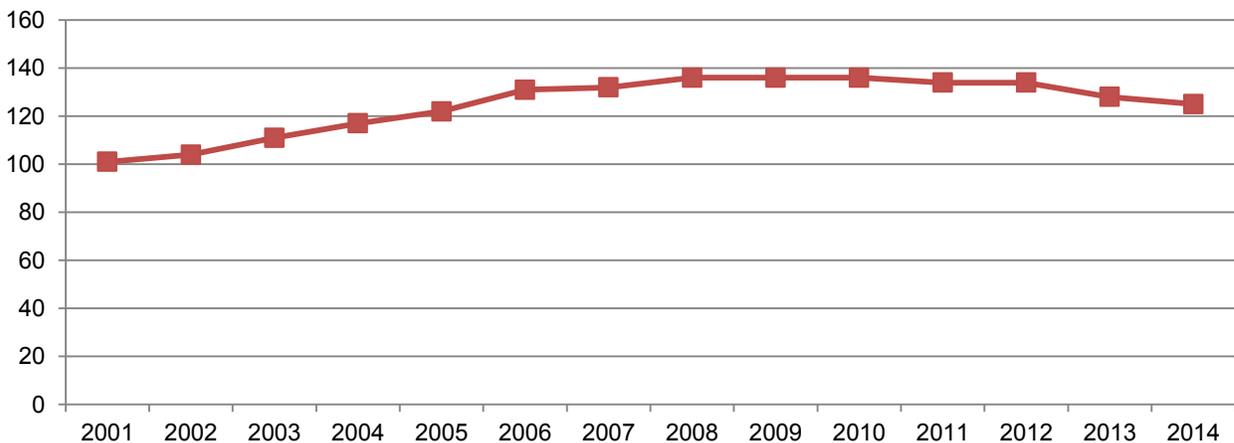
Radiography



Radiation Therapy



Nuclear Medicine Technology



2014 Comparison of U.S. and Canadian Programs

Radiography

Year	ARRT-recognized programs	Percent of programs responding to survey with enrollment data	Mean number of students entering classroom	Estimated total students enrolled for all programs	Mean attrition rate	Percent of programs not at full capacity	Mean additional students per program for those not at full capacity	Estimated total additional students for programs not at full capacity	Mean qualified students per program turned away	Estimated total qualified students turned away
United States	708	49.7%	20.2	14,302	34.4%	51.0%	7.3	2,636	31.0	10,755
Canada	22	36.4%	31.5	693	33.7%	12.5%	1.0	3	154.0	2,965

Radiation Therapy

Year	ARRT-recognized programs	Percent of programs responding to survey with enrollment data	Mean number of students entering classroom	Estimated total students enrolled for all programs	Mean attrition rate	Percent of programs not at full capacity	Mean additional students per program for those not at full capacity	Estimated total additional students for programs not at full capacity	Mean qualified students per program turned away	Estimated total qualified students turned away
United States	96	50.0%	11.4	1,094	17.5%	50.0%	5.6	269	13.9	667
Canada	15	26.7%	23.3	349	35.0%	50.0%	13.0	98	15.0	113

Nuclear Medicine Technology

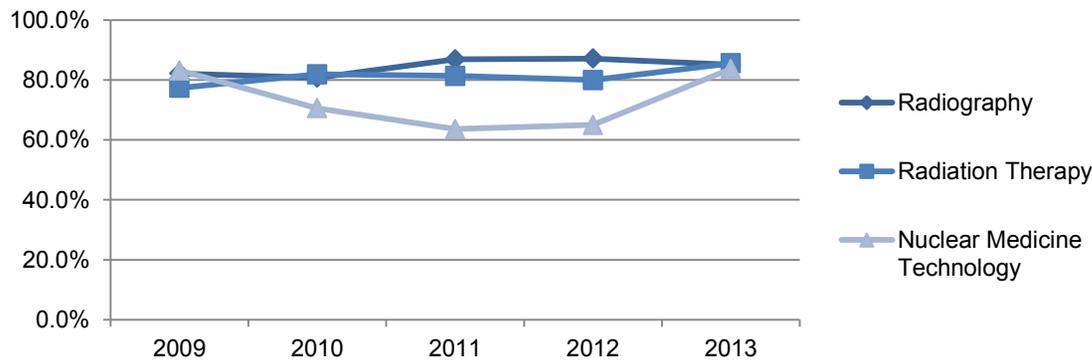
Year	ARRT-recognized programs	Percent of programs responding to survey with enrollment data	Mean number of students entering classroom	Estimated total students enrolled for all programs	Mean attrition rate	Percent of programs not at full capacity	Mean additional students per program for those not at full capacity	Estimated total additional students for programs not at full capacity	Mean qualified students per program turned away	Estimated total qualified students turned away
United States	120	41.7%	8.5	1,019	24.0%	80.0%	8.5	816	2.1	50
Canada	5	20.0%	16.0	80	22.0%	0.0%	0	0	2.0	10

Job Placement of Graduates

What percentage of students were able to find employment in their discipline within six months after graduation?

	New England (ME, NH, VT, MA, CT)	Mid-Atlantic (NY, PA, NJ)	East North Central (WI, MI, IL, IN, OH)	West North Central (ND, SD, NE, KS, MN, IA, MO)	South Atlantic (DE, MD, DC, VA, WV, NC, SC, GA, FL, PR)	East South Central (KY, TN, MS, AL)	West South Central (OK, TX, AR, LA)	Mountain (ID, MT, WY, NV, UT, CO, AZ, NM)	Pacific (AK, WA, OR, CA, HI)	Total
Radiography										
2009	86.2%	80.3%	81.1%	84.1%	82.7%	86.3%	84.5%	79.1%	77.8%	82.2%
2010	82.1%	76.2%	80.8%	82.3%	80.1%	88.5%	85.6%	78.9%	74.2%	80.8%
2011	85.9%	87.0%	87.7%	86.7%	84.0%	90.0%	93.0%	86.8%	81.0%	86.9%
2012	86.1%	86.0%	88.2%	88.8%	85.6%	89.7%	92.8%	85.7%	79.4%	87.2%
2013	76.9%	86.6%	87.2%	87.9%	85.2%	81.9%	80.4%	86.1%	85.2%	85.1%
Radiation Therapy										
2009	84.2%	83.2%	70.4%	85.3%	70.5%	63.3%	79.8%	.	92.0%	77.4%
2010	74.1%	78.5%	87.7%	79.0%	78.7%	78.3%	89.7%	.	93.3%	81.9%
2011	87.5%	85.0%	77.3%	86.1%	68.6%	82.5%	85.0%	70.0%	96.0%	81.4%
2012	94.0%	76.4%	78.5%	82.3%	79.3%	84.0%	84.7%	40.0%	95.3%	80.0%
2013	85.0%	92.3%	76.8%	87.0%	96.3%	95.0%	65.8%	91.5%	89.7%	85.6%
Nuclear Medicine Technology										
2009	83.8%	79.4%	76.7%	86.0%	80.0%	91.2%	90.1%	87.3%	83.9%	83.2%
2010	63.8%	61.6%	63.6%	69.6%	72.4%	87.4%	77.0%	81.7%	76.7%	70.6%
2011	48.8%	41.9%	48.9%	86.1%	70.5%	70.5%	77.3%	75.0%	92.3%	63.6%
2012	58.3%	40.7%	57.8%	69.9%	73.4%	72.8%	77.0%	50.0%	88.3%	65.0%
2013	70.3%	80.0%	88.4%	95.0%	81.7%	89.6%	80.0%	89.3%	92.0%	83.7%

Overall Mean Placement Rates for Graduates



What do you believe is the primary reason students haven't been able to find employment after graduation?

		Radiography	Radiation Therapy	Nuclear Medicine Technology	Overall
Too many graduates in relation to the number of open positions	N	73	21	9	103
	%	24.4%	44.7%	18.0%	26.0%
Current workforce is delaying retirement	N	43	9	10	62
	%	14.4%	19.1%	20.0%	15.7%
Management deciding not to fill open positions	N	41	4	7	52
	%	13.7%	8.5%	14.0%	13.1%
Hospital closings	N	4	0	1	5
	%	1.3%	0.0%	2.0%	1.3%
Facilities cutting back positions	N	76	8	16	100
	%	25.4%	17.0%	32.0%	25.3%
Other	N	62	5	7	74
	%	20.7%	10.6%	14.0%	18.7%
Total	N	299	47	50	396
	%	100.0%	100.0%	100.0%	100.0%

What do you believe is the primary reason students haven't been able to find employment after graduation?

- Overall

