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## Radiologic Technologists Louisiana

### Summary of Job Duties

**Radiologic Technologists** [Video](#) - Take x rays and CAT scans or administer nonradioactive materials into patient's blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities.

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

### Detailed Job Description

**Radiologic Technologists** Radiologic technologists specialize in x-ray and computed tomography (CT) imaging.

Radiologic technologists, also known as radiographers, perform diagnostic imaging examinations, such as x rays, on patients. MRI technologists operate magnetic resonance imaging (MRI) scanners to create diagnostic images.

#### Duties

Radiologic and MRI technologists typically do the following:

- Adjust and maintain imaging equipment
- Precisely follow orders from physicians on what areas of the body to image
- Prepare patients for procedures, including taking a medical history and answering questions about the procedure
- Protect the patient by shielding exposed areas that do not need to be imaged
- Position the patient and the equipment in order to get the correct image
- Operate the computerized equipment to take the images
- Work with physicians to evaluate the images and to determine whether additional images need to be taken
- Keep detailed patient records

Healthcare professionals use many types of equipment to diagnose patients. Radiologic technologists specialize in x-ray and computed tomography (CT) imaging. Some radiologic

technologists prepare a mixture for the patient to drink that allows soft tissue to be viewed on the images that the radiologist reviews.

Radiologic technologists might also specialize in mammography. Mammographers use low-dose x-ray systems to produce images of the breast. Technologists may be certified in multiple specialties.

MRI technologists specialize in magnetic resonance imaging scanners. They inject patients with contrast dyes so that the images will show up on the scanner. The scanners use magnetic fields in combination with the contrast agent to produce images that a physician can use to diagnose medical problems.

Healthcare professionals who specialize in other diagnostic equipment include nuclear medicine technologists and diagnostic medical sonographers, and cardiovascular technologists and technicians, including vascular technologists.

Source: [U.S. Department of Labor Bureau of Labor Statistics](#)

## Job Zone

The section below shows the job zone information for Radiologic Technologists. Job Zone Three: Medium Preparation Needed.

Education	Experience	Training
Most occupations in this zone require training in vocational schools, related on-the-job experience, or an associate's degree.	Previous work-related skill, knowledge, or experience is required for these occupations. For example, an electrician must have completed three or four years of apprenticeship or several years of vocational training, and often must have passed a licensing exam, in order to perform the job.	Employees in these occupations usually need one or two years of training involving both on-the-job experience and informal training with experienced workers. A recognized apprenticeship program may be associated with these occupations.

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Jobs Available

This section shows the number of job openings advertised online in Louisiana for Radiologic Technologists and for the related occupational group of Healthcare Practitioners and Technical Occupations on November 23, 2020 (Jobs De-duplication Level 2).

Occupation	Job Openings
Radiologic Technologists🌟	<u>168</u>
Healthcare Practitioners and Technical Occupations	<u>10,407</u>

🌟 BRIGHT OUTLOOK NATIONALLY

Source: Online advertised jobs data

## Monthly Job Count

This section shows the number of job openings advertised online for Radiologic Technologists in Louisiana October, 2020 (Jobs De-duplication Level 2).

Occupation	Job Openings
Radiologic Technologists🌟	265

🌟 BRIGHT OUTLOOK NATIONALLY

## Jobs Area Distribution

This section shows the distribution of number of job openings advertised online for Radiologic Technologists in Louisiana by parishes on November 23, 2020 (Jobs De-duplication Level 2).










Job Source: Online advertised jobs data

Wage Source: Labor Market Statistics, Occupational Employment Statistics Program

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Data is from a 2019 survey.

## Jobs in Related Occupations

This section shows the number of job openings advertised online in Louisiana for occupations related to Radiologic Technologists on November 23, 2020 (Jobs De-duplication Level 2).

Rank	Occupation	Median Wage	Job Openings	*Related By
1	<a href="#">Registered Nurses</a> 	\$64,044	<a href="#">4,509</a>	O*NET
2	<a href="#">Licensed Practical and Licensed Vocational Nurses</a> 	\$40,065	<a href="#">697</a>	O*NET
3	<a href="#">Critical Care Nurses</a> 	\$64,044	<a href="#">358</a>	O*NET
4	<a href="#">Surgical Technologists</a> 	\$40,492	<a href="#">222</a>	O*NET
5	<a href="#">Medical and Clinical Laboratory Technologists</a> 	N/A	<a href="#">190</a>	SOC4
6	<a href="#">Respiratory Therapists</a> 	\$54,660	<a href="#">181</a>	O*NET
7	<a href="#">Radiologic Technologists</a> 	N/A	<a href="#">168</a>	N/A
8	<a href="#">Pharmacy Technicians</a> 	\$33,109	<a href="#">166</a>	SOC4

Rank	Occupation	Median Wage	Job Openings	*Related By
9	<u>Emergency Medical Technicians and Paramedics</u> 🌟	N/A	<u>122</u>	O*NET
10	<u>Medical and Clinical Laboratory Technicians</u> 🌟	N/A	<u>83</u>	SOC4
11	<u>Diagnostic Medical Sonographers</u> 🌟	\$62,001	<u>77</u>	O*NET
12	<u>Respiratory Therapy Technicians</u>	N/A	<u>66</u>	O*NET
13	<u>Physical Therapist Assistants</u> 🌟	\$54,873	<u>52</u>	O*NET
14	<u>Psychiatric Technicians</u> 🌟	\$26,817	<u>51</u>	SOC4
15	<u>Cardiovascular Technologists and Technicians</u> 🌟	\$37,253	<u>44</u>	O*NET
16	<u>Nuclear Medicine Technologists</u> 🌟	\$68,193	<u>39</u>	O*NET
17	<u>Medical Records and Health Information Technicians</u> 🌟	N/A	<u>31</u>	SOC4
18	<u>Dietetic Technicians</u>	\$25,252	<u>28</u>	SOC4
19	<u>Veterinary Technologists and Technicians</u> 🌟	\$25,902	<u>26</u>	O*NET
20	<u>Dental Assistants</u> 🌟	\$32,991	<u>22</u>	O*NET
21	<u>Radiologic Technicians</u> 🌟	N/A	<u>21</u>	O*NET
22	<u>Dental Hygienists</u> 🌟	N/A	<u>20</u>	O*NET
23	<u>Acute Care Nurses</u> 🌟	\$64,044	<u>16</u>	O*NET
24	<u>Radiation Therapists</u> 🌟	\$70,724	<u>11</u>	O*NET
25	<u>Cytotechnologists</u> 🌟	N/A	<u>11</u>	SOC4
26	<u>Health Technologists and Technicians, All Other</u> 🌟	N/A	<u>11</u>	SOC4
27	<u>Veterinary Assistants and Laboratory Animal Caretakers</u> 🌟	\$24,132	<u>11</u>	O*NET
28	<u>Endoscopy Technicians</u> 🌟	\$27,234	<u>11</u>	O*NET
29	<u>Psychiatric Aides</u> 🌟	N/A	<u>9</u>	O*NET
30	<u>Histotechnologists and Histologic Technicians</u> 🌟	N/A	<u>5</u>	SOC4
31	<u>Opticians, Dispensing</u> 🌟	\$31,270	<u>4</u>	SOC4
32	<u>Occupational Health and Safety Technicians</u> 🌟🌿	N/A	<u>4</u>	O*NET
33	<u>Municipal Firefighters</u>	\$28,144	<u>4</u>	O*NET
34	<u>Embalmers</u>	\$52,067	<u>3</u>	O*NET
35	<u>Animal Control Workers</u>	\$28,837	<u>2</u>	O*NET
36	<u>Medical Appliance Technicians</u> 🌟	\$34,012	<u>2</u>	O*NET
37	<u>Neurodiagnostic Technologists</u> 🌟	N/A	<u>1</u>	O*NET

🌟 BRIGHT OUTLOOK NATIONALLY | 🌿 GREEN OCCUPATIONS

Job Source: Online advertised jobs data

Wage Source: Labor Market Statistics, Occupational Employment Statistics Program

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Data is from a 2019 survey.

\*Related By: O\*NET™ - The Occupational Information Network. O\*NET is a registered trademark of the US Department of Labor/Employment and Training Administration.

SOC4 - Occupational grouping based on 1st 4 digits of the Standard Occupational Classification system.

## Candidates Available

This section shows potential candidates in the workforce system in Louisiana for Radiologic Technologists and for the related occupational group of Healthcare Practitioners and Technical Occupations on November 23, 2020.

Occupation	Candidates
Radiologic Technologists🌟	34
Healthcare Practitioners and Technical Occupations	5,240

🌟 BRIGHT OUTLOOK NATIONALLY

Source: Individuals with active résumés in the workforce system.

## Candidate Area Distribution

This section shows the distribution of potential candidates in the workforce system for Radiologic Technologists in Louisiana by parishes on November 23, 2020.

Rank	Area Name	Median Wage	Candidates
1	<u>Calcasieu Parish</u>	\$51,720 state level wages	15
2	<u>Jefferson Parish</u>	\$51,720 state level wages	14
3	<u>Cameron Parish</u>	\$51,720 state level wages	13
4	<u>East Baton Rouge Parish</u>	\$51,720 state level wages	13
5	<u>Livingston Parish</u>	\$51,720 state level wages	13
6	<u>Tangipahoa Parish</u>	\$51,720 state level wages	13
7	<u>Ascension Parish</u>	\$51,720 state level wages	12
8	<u>Beauregard Parish</u>	\$51,720 state level wages	12
9	<u>Jefferson Davis Parish</u>	\$51,720 state level wages	12
10	<u>Lafourche Parish</u>	\$51,720 state level wages	12

Candidate Source: Individuals with active résumés in the workforce system.  
Wage Source: Labor Market Statistics, Occupational Employment Statistics Program  
The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Data is from a 2019 survey.

## Candidates in Related Occupations

This section shows how many potential candidates in the workforce system were looking for work in Louisiana in occupations related to Radiologic Technologists on November 23, 2020.

Rank	Occupation	Median Wage	Candidates	*Related By
1	<u>Dental Assistants</u> 🌟	\$32,991	928	O*NET
2	<u>Licensed Practical and Licensed Vocational Nurses</u> 🌟	\$40,065	815	O*NET
3	<u>Medical Records and Health Information Technicians</u> 🌟	N/A	594	SOC4
4	<u>Registered Nurses</u> 🌟	\$64,044	423	O*NET
5	<u>Pharmacy Technicians</u> 🌟	\$33,109	298	SOC4
6	<u>Occupational Health and Safety Technicians</u> 🌟 🇺🇸	N/A	297	O*NET
7	<u>Medical and Clinical Laboratory Technicians</u> 🌟	N/A	248	SOC4
8	<u>Health Technologists and Technicians, All Other</u> 🌟	N/A	181	SOC4
9	<u>Acute Care Nurses</u> 🌟	\$64,044	142	O*NET
10	<u>Veterinary Assistants and Laboratory Animal Caretakers</u> 🌟	\$24,132	131	O*NET

Rank	Occupation	Median Wage	Candidates	*Related By
11	<u>Emergency Medical Technicians and Paramedics</u> 🌟	N/A	129	O*NET
12	<u>Psychiatric Technicians</u> 🌟	\$26,817	115	SOC4
13	<u>Dental Hygienists</u> 🌟	N/A	109	O*NET
14	<u>Surgical Technologists</u> 🌟	\$40,492	108	O*NET
15	<u>Psychiatric Aides</u> 🌟	N/A	87	O*NET
16	<u>Cardiovascular Technologists and Technicians</u> 🌟	\$37,253	73	O*NET
17	<u>Opticians, Dispensing</u> 🌟	\$31,270	67	SOC4
18	<u>Physical Therapist Assistants</u> 🌟	\$54,873	57	O*NET
19	<u>Radiologic Technicians</u> 🌟	N/A	56	O*NET
20	<u>Dietetic Technicians</u>	\$25,252	53	SOC4
21	<u>Animal Control Workers</u>	\$28,837	49	O*NET
22	<u>Veterinary Technologists and Technicians</u> 🌟	\$25,902	48	O*NET
23	<u>Medical and Clinical Laboratory Technologists</u> 🌟	N/A	41	SOC4
24	<u>Radiologic Technologists</u> 🌟	N/A	34	N/A
25	<u>Diagnostic Medical Sonographers</u> 🌟	\$62,001	25	O*NET
26	<u>Respiratory Therapists</u> 🌟	\$54,660	20	O*NET
27	<u>Municipal Firefighters</u>	\$28,144	19	O*NET
28	<u>Audio-Visual and Multimedia Collections Specialists</u>	N/A	14	O*NET
29	<u>Critical Care Nurses</u> 🌟	\$64,044	11	O*NET
30	<u>Nuclear Medicine Technologists</u> 🌟	\$68,193	8	O*NET
31	<u>Endoscopy Technicians</u> 🌟	\$27,234	8	O*NET
32	<u>Medical Appliance Technicians</u> 🌟	\$34,012	8	O*NET
33	<u>Neurodiagnostic Technologists</u> 🌟	N/A	6	O*NET
34	<u>Respiratory Therapy Technicians</u>	N/A	4	O*NET
35	<u>Forest Firefighters</u>	\$28,144	3	O*NET
36	<u>Histotechnologists and Histologic Technicians</u> 🌟	N/A	1	SOC4
37	<u>Embalmers</u>	\$52,067	1	O*NET

🌟 BRIGHT OUTLOOK NATIONALLY | 🌿 GREEN OCCUPATIONS

Candidate Source: Individuals with active résumés in the workforce system.

Wage Source: Labor Market Statistics, Occupational Employment Statistics Program

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Data is from a 2019 survey.

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SOC4 - Occupational grouping based on 1st 4 digits of the Standard Occupational Classification system.

## Jobs and Candidates Available

This section shows the number of job openings advertised online, as well as potential candidates in the workforce system in Louisiana for Radiologic Technologists and for the related occupational group of Healthcare Practitioners and Technical Occupations on November 23, 2020 (Jobs De-duplication Level 2).

Occupation	Job Openings	Candidates	Candidates per Job
Radiologic Technologists🌟	<u>168</u>	34	0.20
Healthcare Practitioners and Technical Occupations	<u>10,407</u>	5,240	0.50

🌟 BRIGHT OUTLOOK NATIONALLY

Job Source: Online advertised jobs data

Candidate Source: Individuals with active résumés in the workforce system.

## Jobs and Candidates Area Distribution

This section shows the distribution of number of job openings advertised online, as well as potential candidates in the workforce system for Radiologic Technologists in Louisiana by parishes on November 23, 2020 (Jobs De-duplication Level 2).

Rank	Area Name	Median Wage	Job Openings	Candidates	Candidates per Job
1	<u>Beauregard Parish</u>	\$51,720 state level wages	<u>1</u>	12	12.00
2	<u>Jefferson Davis Parish</u>	\$51,720 state level wages	<u>1</u>	12	12.00
3	<u>Washington Parish</u>	\$51,720 state level wages	<u>1</u>	11	11.00
4	<u>Evangeline Parish</u>	\$51,720 state level wages	<u>1</u>	9	9.00
5	<u>Iberville Parish</u>	\$51,720 state level wages	<u>1</u>	9	9.00
6	<u>Terrebonne Parish</u>	\$51,720 state level wages	<u>2</u>	12	6.00
7	<u>Bossier Parish</u>	\$51,720 state level wages	<u>2</u>	11	5.50
8	<u>St. Landry Parish</u>	\$51,720 state level wages	<u>2</u>	10	5.00
9	<u>Tangipahoa Parish</u>	\$51,720 state level wages	<u>3</u>	13	4.33
10	<u>St. Martin Parish</u>	\$51,720 state level wages	<u>3</u>	9	3.00



Job Source: Online advertised jobs data  
Candidate Source: Individuals with active résumés in the workforce system.  
Wage Source: Labor Market Statistics, Occupational Employment Statistics Program  
The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Data is from a 2019 survey.

## National Supply and Demand Summary

**Radiologic Technologists** Employment of radiologic technologists is projected to grow 12 percent from 2016 to 2026, faster than the average for all occupations. Employment of MRI technologists is projected to grow 14 percent from 2016 to 2026, faster than the average for all occupations.

As the baby-boom population grows older, there may be an increase in medical conditions, such as cancer and Alzheimer's disease, which require imaging as a tool for making diagnoses. Radiologic and MRI technologists will be needed to take the images.

### Job Prospects

Technologists who graduate from accredited programs and those with multiple certifications will have the best job prospects.

Source: [U.S. Department of Labor Bureau of Labor Statistics](#)

## Employers by Number of Job Openings

This section shows the employers with the highest number of job openings advertised online for Radiologic Technologists in Louisiana on November 23, 2020 (Jobs De-duplication Level 2).

Rank	Employer Name	Job Openings
1	CHRISTUS Health	<u>28</u>
2	Ochsner Health System	<u>23</u>
3	HCA Healthcare, Inc.	<u>20</u>
4	Lafayette General Health	<u>12</u>

Rank	Employer Name	Job Openings
5	LCMC Health	<u>8</u>
6	Franciscan Missionaries of Our Lady Health System	<u>6</u>
7	Steward Health Care	<u>6</u>
8	East Jefferson General Hospital	<u>5</u>
9	Slidell Memorial Hospital	<u>5</u>
10	St. Tammany Parish Hospital	<u>5</u>

Source: Online advertised jobs data

Advertised Job Skills

This section shows the top advertised detailed job skills found in job openings advertised online for Radiologic Technologists in Louisiana in October, 2020. (Jobs De-duplication Level 1)

Rank	Advertised Detailed Job Skill	Advertised Skill Group	Job Opening Match Count
1	Radiation safety	Nuclear Medicine Technologist Skills	<u>54</u>
2	Evaluates patient care	Registered Nurse (RN) Skills	<u>39</u>
3	Customer service	Customer Service Skills	<u>36</u>
4	Interpersonal skills	Interpersonal Skills	<u>30</u>
5	Telephone skills	Interpersonal Skills	<u>26</u>
6	Must be flexible	Basic Skills	<u>22</u>
7	Performs radiographic procedures	Radiologic Technologist Skills	<u>19</u>
8	Requirements gathering	Business Analyst Skills	<u>14</u>
9	Observes patient during procedure	Radiologic Technologist Skills	<u>14</u>
10	Applies ionizing radiation	Radiation Therapist Skills	<u>10</u>

Source: Online advertised jobs data

Advertised Tools and Technology

This section shows the top advertised detailed tools and technologies found in job openings advertised online for Radiologic Technologists in Louisiana in October, 2020. (Jobs De-duplication Level 1)

Rank	Advertised Detailed Tool or Technology	Advertised Tool and Technology Group	Job Opening Match Count
1	Gmail	Electronic Mail Software	<u>45</u>
2	Keyboard	Keyboards	<u>29</u>
3	X ray equipment	X-Ray Radiography Examination Equipment	<u>27</u>
4	Computed tomography (CT) equipment	Medical Computed Tomography (CT) or (CAT) Complete Stationery Unit Installations	<u>23</u>
5	Dollies	Dollies	<u>17</u>

Rank	Advertised Detailed Tool or Technology	Advertised Tool and Technology Group	Job Opening Match Count
6	Portable x ray machines	X-Ray Radiography Examination Equipment	<u>14</u>
7	X ray machines	Medical X-Ray Units for General Diagnostic Use	<u>13</u>
8	Stretchers	Patient Stretchers or Stretcher Accessories	<u>8</u>
9	Wheelchair	Wheelchairs	<u>7</u>
10	Personal protective equipment	Hazardous Material Protective Apparel	<u>7</u>

Source: Online advertised jobs data

## Typical Job Skills

This section shows the job skills that are related to Radiologic Technologists.

Rank	Typical Job Skills	Typical Skill Category
1	Check quality of diagnostic images	Mental Processes
2	Operate diagnostic imaging equipment	Work Output
3	Verify that medical activities or operations meet standards	Information Input
4	Adjust settings or positions of medical equipment	Work Output
5	Monitor patient conditions during treatments, procedures, or activities	Information Input
6	Explain medical procedures or test results to patients or family members	Interacting With Others
7	Position patients for treatment or examination	Interacting With Others
8	Enter patient or treatment data into computers	Work Output
9	Collect medical information from patients, family members, or other medical professionals	Information Input
10	Prepare medical supplies or equipment for use	Work Output
11	Inform medical professionals regarding patient conditions and care	Interacting With Others
12	Administer medical substances for imaging or other procedures	Interacting With Others
13	Prepare medications or medical solutions	Work Output
14	Prepare reports summarizing patient diagnostic or care activities	Work Output
15	Record patient medical histories	Work Output
16	Monitor video displays of medical equipment to ensure proper functioning	Information Input
17	Collaborate with healthcare professionals to plan or provide treatment	Interacting With Others
18	Process x-rays or other medical images	Work Output

Rank	Typical Job Skills	Typical Skill Category
19	Assist patients with hygiene or daily living activities	Interacting With Others
20	Measure the physical or physiological attributes of patients	Information Input
21	Supervise patient care personnel	Interacting With Others
22	Maintain medical equipment or instruments	Work Output
23	Repair medical facility equipment	Work Output
24	Train medical providers	Interacting With Others
25	Manage healthcare operations	Interacting With Others

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Personal Skills

This section shows the personal skills that are most useful for Radiologic Technologists. Click on a link in the Personal Skills column to view more detailed information.

Personal Skill	Skill Description	Rank by Importance (Out of 100)
<a href="#">Active Listening</a>	Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.	72
<a href="#">Speaking</a>	Talking to others to convey information effectively.	72
<a href="#">Reading Comprehension</a>	Understanding written sentences and paragraphs in work related documents.	69
<a href="#">Writing</a>	Communicating effectively in writing as appropriate for the needs of the audience.	63
<a href="#">Social Perceptiveness</a>	Being aware of others' reactions and understanding why they react as they do.	63
<a href="#">Critical Thinking</a>	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	60
<a href="#">Monitoring</a>	Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.	56
<a href="#">Coordination</a>	Adjusting actions in relation to others' actions.	56
<a href="#">Service Orientation</a>	Actively looking for ways to help people.	56
<a href="#">Judgment and Decision Making</a>	Considering the relative costs and benefits of potential actions to choose the most appropriate one.	56
<a href="#">Operation Monitoring</a>	Watching gauges, dials, or other indicators to make sure a machine is working properly.	53
<a href="#">Operation and Control</a>	Controlling operations of equipment or systems.	53

Personal Skill	Skill Description	Rank by Importance (Out of 100)
<u>Time Management</u>	Managing one's own time and the time of others.	50
<u>Complex Problem Solving</u>	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	50
<u>Active Learning</u>	Understanding the implications of new information for both current and future problem-solving and decision-making.	50
<u>Learning Strategies</u>	Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	44
<u>Instructing</u>	Teaching others how to do something.	44
<u>Management of Personnel Resources</u>	Motivating, developing, and directing people as they work, identifying the best people for the job.	41
<u>Persuasion</u>	Persuading others to change their minds or behavior.	41
<u>Quality Control Analysis</u>	Conducting tests and inspections of products, services, or processes to evaluate quality or performance.	38
<u>Systems Analysis</u>	Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	38
<u>Systems Evaluation</u>	Identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	38
<u>Negotiation</u>	Bringing others together and trying to reconcile differences.	31
<u>Mathematics</u>	Using mathematics to solve problems.	31
<u>Science</u>	Using scientific rules and methods to solve problems.	28
<u>Troubleshooting</u>	Determining causes of operating errors and deciding what to do about it.	25
<u>Programming</u>	Writing computer programs for various purposes.	19
<u>Technology Design</u>	Generating or adapting equipment and technology to serve user needs.	19
<u>Equipment Maintenance</u>	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.	16
<u>Management of Material Resources</u>	Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.	16
<u>Management of Financial Resources</u>	Determining how money will be spent to get the work done, and accounting for these expenditures.	13
<u>Repairing</u>	Repairing machines or systems using the needed tools.	10

Personal Skill	Skill Description	Rank by Importance (Out of 100)
<u>Equipment Selection</u>	Determining the kind of tools and equipment needed to do a job.	10
<u>Operations Analysis</u>	Analyzing needs and product requirements to create a design.	10
<u>Installation</u>	Installing equipment, machines, wiring, or programs to meet specifications.	0

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Typical Education Requirements

**Radiologic Technologists** There is no data available for Radiologic Technologists.

Source: This information is based on the BLS Occupational Outlook Handbook (OOH).

## Required Level of Education

This section shows the results of a national survey listing the most common required level of education for Radiologic Technologists.

Rank	Required Level of Education	Percentage of Respondents
1	Associate's Degree (or other 2-year degree)	63.08%
2	Post-Secondary Certificate - awarded for training completed after high school (for example, in agriculture or natural resources, computer services, personal or culinary services, engineering technologies, healthcare, construction trades, mechanic and repair technologies, or precision production)	23.53%
3	First Professional Degree - awarded for completion of a program that: requires at least 2 years of college work before entrance into the program, includes a total of at least 6 academic years of work to complete, and provides all remaining academic requirements to begin practice in a profession.	6.24%
4	Some College Courses	4.08%
5	Bachelor's Degree	3.07%

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## On The Job Training

This section shows the results of a national survey listing the most common lengths of on the job training for Radiologic Technologists.

Rank	On The Job Training	Percentage of Respondents
1	Over 1 month, up to and including 3 months	31.99%
2	Anything beyond short demonstration, up to and including 1 month	31.66%
3	Over 3 months, up to and including 6 months	19.53%

Rank	On The Job Training	Percentage of Respondents
4	Over 6 months, up to and including 1 year	7.82%
5	None or short demonstration	5.31%
6	Over 1 year, up to and including 2 years	2.26%
7	Over 2 years, up to and including 4 years	1.44%

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## On-Site or In-Plant Training

This section shows the results of a national survey listing the most common lengths of on-site or in-plant training for Radiologic Technologists.

Rank	On-Site or In-Plant Training	Percentage of Respondents
1	None	21.63%
2	Up to and including 1 month	20.92%
3	Over 3 months, up to and including 6 months	20.49%
4	Over 1 month, up to and including 3 months	18.67%
5	Over 6 months, up to and including 1 year	14.06%
6	Over 2 years, up to and including 4 years	3.02%
7	Over 1 year, up to and including 2 years	1.21%

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Education Level of Jobs and Candidates

This section shows the minimum level of education requested by employers on job openings advertised online, as well as the educational attainment of potential candidates in the workforce system that are looking for jobs as Radiologic Technologists in Louisiana on November 23, 2020. There were 131 job openings advertised online that did not specify a minimum education requirement (Jobs De-duplication Level 2).

Rank	Education Level	Job Openings	Percentage of Job Openings	Potential Candidates	Percentage of Potential Candidates
1	No Minimum Education Requirement	<u>5</u>	2.98%	0	N/A
2	High School Diploma or Equivalent	<u>20</u>	11.90%	1	2.94%
3	2 Years of College or a Technical or Vocational School	<u>1</u>	0.60%	2	5.88%
4	Vocational School Certificate	<u>1</u>	0.60%	4	11.76%
5	Associate's Degree	<u>6</u>	3.57%	13	38.24%
6	Bachelor's Degree	<u>4</u>	2.38%	13	38.24%
7	Master's Degree	0	N/A	1	2.94%
8	Not Specified	<u>131</u>	77.98%	0	N/A

Job Source: Online advertised jobs data  
Candidate Source: Individuals with active résumés in the workforce system.

## Education Training Programs

This section shows the Education Training Programs for Radiologic Technologists in Louisiana.

Provider Name	Program Name	Location	Tuition	Length	WIOA Eligible
<a href="#">Baton Rouge General School of Nursing and Radiology</a>	<a href="#">Radiological Technology</a> An industry-recognized certificate or certification, A secondary school diploma or its equivalent	Baton Rouge, LA	\$24,070	8 Hours	
<a href="#">Fortis College</a>	<a href="#">Radiologic Technology</a> An associate degree	Baton Rouge, LA	\$44,200	96 Weeks	
<a href="#">Louisiana State University at Alexandria</a>	<a href="#">Associate of Science in Radiologic Technology</a> An industry-recognized certificate or certification, A license recognized by the State involved or the Federal Government, An associate degree	Alexandria, LA	\$19,554	4 Semesters	
<a href="#">Louisiana State University at Eunice</a>	<a href="#">Radiologic Technology</a> An associate degree	Eunice, LA	\$11,278	6 Semesters	



Provider Name	Program Name	Location	Tuition	Length	WIOA Eligible
<a href="#">McNeese State University</a>	<a href="#">Radiologic Sciences - BS</a> An industry-recognized certificate or certification, A license recognized by the State involved or the Federal Government, A baccalaureate degree	Lake Charles, LA	\$33,382	10 Semesters	✔
<a href="#">Northwestern State University of LA - Alexandria</a>	<a href="#">Radiologic Sciences</a> A baccalaureate degree	Alexandria, LA	\$34,512	8 Semesters	✔
<a href="#">Northwestern State University of LA - Shreveport</a>	<a href="#">MS in Radiologic Sciences</a> A measurable skills gain leading to a credential	Shreveport, LA	\$24,145	5 Semesters	✔
<a href="#">Northwestern State University of LA - Shreveport</a>	<a href="#">Radiologic Sciences</a> A baccalaureate degree	Shreveport, LA	\$34,512	8 Semesters	✔
<a href="#">Northwestern State University of LA Natchitoches (MC)</a>	<a href="#">Master of Science in Radiologic Sciences</a> A measurable skills gain leading to a credential	NATCHITOCHES, LA	\$28,974	6 Semesters	✔
<a href="#">Northwestern State University of LA Natchitoches (MC)</a>	<a href="#">Radiologic Sciences</a> A baccalaureate degree	NATCHITOCHES, LA	\$34,512	8 Semesters	✔

Source: U.S. Department of Commerce, Bureau of the Census, Midyear Estimates

## Advertised Job Certifications

This section shows the top advertised certification groups found in job openings advertised online for Radiologic Technologists in Louisiana in October, 2020. (Jobs De-duplication Level 1)

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Rank	Advertised Certification Group	Advertised Certification Sub-Category	Job Opening Match Count
1	American Heart Association (AHA) CPR & First Aid Certifications	Nursing	<u>186</u>
2	Nuclear Medicine Technology Certification Board (NMTCB)	Medical Treatment and Therapy	<u>17</u>
3	American Registry of Radiologic Technologists (ARRT) Certifications	Medical Treatment and Therapy	<u>11</u>
4	Nursing Credentials and Certifications	Nursing	<u>4</u>
5	Materials Handling & Management Society (MHMS) Certifications	Material Moving and Logistics	<u>4</u>
6	American Institute For Chartered Property Casualty Underwriters	Insurance Services	<u>2</u>

Source: Online advertised jobs data

## Training Program Completers

There is no data available for Radiologic Technologists in Louisiana.

## National Education, Training, Licensing and Qualifications

### Radiologic Technologists Education

An associate's degree is the most common educational requirement for radiologic and MRI technologists. There also are postsecondary education programs that lead to graduate certificates or bachelor's degrees. Education programs typically include both classroom study and clinical work. Coursework includes anatomy, pathology, patient care, radiation physics and protection, and image evaluation.

The Joint Review Committee on Education in Radiologic Technology (JRCERT) accredits programs in radiography and the American Registry of Magnetic Resonance Imaging Technologists (ARMRIT) accredits MRI programs. Completing an accredited program is required for licensure in some states.

High school students who are interested in radiologic or MRI technology should take courses that focus on math and science, such as anatomy, biology, chemistry, physiology, and physics.

### Work Experience in a Related Occupation

MRI technologists typically have less than 5 years of work experience as radiologic technologists.

### Licenses, Certifications, and Registrations

Radiologic technologists must be licensed or certified in most states. Few states license MRI technologists. Requirements vary by state.

To become licensed, technologists must usually graduate from an accredited program, and pass a certification exam from the state or obtain a certification from a certifying body. Certifications for radiologic technologists are available from the American Registry of Radiologic Technologists (ARRT). Certifications for MRI technologists are available from the ARRT and from the American Registry of Magnetic Resonance Imaging Technologists (ARMRIT). For specific licensure requirements for radiologic technologists and MRI technologists, contact the state's health board.

Employers typically require or prefer prospective technologists to be certified even if the state does not require it.

Important Qualities

Detail oriented. Radiologic and MRI technologists must follow exact instructions to get the images needed for diagnoses.

Interpersonal skills. Radiologic and MRI technologists work closely with patients who may be in extreme pain or mentally stressed. They must put the patient at ease to get usable images.

Math skills. Radiologic and MRI technologists may need to calculate and mix the right doses of chemicals used in imaging procedures.

Physical stamina. Radiologic and MRI technologists often work on their feet for long periods during their shift and they must lift and move patients who need assistance.

Technical skills. Radiologic and MRI technologists must understand how to operate complex machinery.

Source: [U.S. Department of Labor Bureau of Labor Statistics](#)

Typical Work Experience Requirements

**Radiologic Technologists** Employees in these occupations usually need one or two years of training involving both on-the-job experience and informal training with experienced workers. A recognized apprenticeship program may be associated with these occupations.

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

Related Work Experience

This section shows the results of a national survey listing the most common related work experience for Radiologic Technologists.

Rank	Related Work Experience	Percentage of Respondents
1	None	48.26%
2	Over 1 year, up to and including 2 years	25.21%
3	Over 2 years, up to and including 4 years	10.37%
4	Over 3 months, up to and including 6 months	6.87%
5	Over 6 months, up to and including 1 year	4.47%
6	Over 1 month, up to and including 3 months	3.58%
7	Up to and including 1 month	1.24%

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

Work Experience of Jobs and Candidates

This section shows the minimum required work experience requested by employers on job openings advertised online, as well as the experience level of potential candidates in the workforce system that are looking for jobs as Radiologic Technologists in Louisiana on November 23, 2020. There were 148 job openings advertised online that did not specify a minimum experience requirement (Jobs De-duplication Level 2).

Rank	Experience	Job Openings	Percentage of Job Openings	Potential Candidates	Percentage of Potential Candidates
1	Not Specified	148	88.10%	0	N/A
2	Entry Level	11	6.55%	0	N/A
3	Less than 1 year	1	0.60%	4	11.77%
4	1 Year to 2 Years	8	4.76%	0	N/A
5	2 Years to 5 Years	0	N/A	4	11.77%
6	5 Years to 10 Years	0	N/A	2	5.88%
7	More than 10 Years	0	N/A	24	70.59%

Job Source: Online advertised jobs data

Candidate Source: Individuals with active résumés in the workforce system.

## Current Job Order Wage Information

The employer has NOT indicated a salary range for this job. The information below shows statistics on typical salaries in the local labor market for Radiologic Technologists. This data is NOT an indication of what this employer is willing to pay for this job.

## Employment Wage Statistics

This section shows the estimated employment wage statistics for individuals in Louisiana employed for Radiologic Technologists in 2019.

Rate Type / Statistical Type	Entry level	Median	Experienced
Annual wage or salary	\$37,723	\$51,720	\$68,760
Hourly wage	\$18.14	\$24.87	\$33.06

Source: Labor Market Statistics, Occupational Employment Statistics Program

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Entry level and Experienced wage rates represent the means of the lower 1/3 and upper 2/3 of the wage distribution, respectively. Data is from an annual survey.

## Wage Rates on Advertised Jobs

This section shows a statistical breakdown of available wage data on the 168 job openings advertised online for Radiologic Technologists in Louisiana that posted a salary on November 23, 2020.

Rate Type / Statistical Type	Entry Level	Median	Experienced
Annual wage or salary	N/A	N/A	N/A
Hourly Wage	N/A	N/A	N/A

Source: Online advertised jobs data

Note: This information is based on actual job orders and is not based on a statistically valid labor market survey. Hourly wage rate calculations in this section assume a 40 hour work week.

## Desired Salary of Available Candidates

This section shows the desired salary of potential candidates in the workforce system that are looking for jobs as Radiologic Technologists in Louisiana on November 23, 2020.

Rank	Desired Salary	Potential Candidates	Percentage of Potential Candidates
1	Not Specified	14	41.18%
2	\$35,000 - \$49,999	7	20.59%
3	\$50,000 - \$64,999	11	32.35%
4	\$65,000 - \$79,999	1	2.94%
5	\$80,000 - \$94,999	1	2.94%

Source: Individuals with active résumés in the workforce system.

## Wage Rates Area Distribution

There is no data available for Radiologic Technologists in Louisiana.

## Wage Rates in Related Occupations

This section shows a comparison of 2019 median annual rates for occupations that are in the same occupational family as Radiologic Technologists for Louisiana.

Rank	Occupation	Median	*Related By
1	<u>Radiation Therapists</u> 🌟	\$70,724	O*NET
2	<u>Nuclear Medicine Technologists</u> 🌟	\$68,193	O*NET
3	<u>Registered Nurses</u> 🌟	\$64,044	O*NET
4	<u>Acute Care Nurses</u> 🌟	\$64,044	O*NET
5	<u>Critical Care Nurses</u> 🌟	\$64,044	O*NET
6	<u>Diagnostic Medical Sonographers</u> 🌟	\$62,001	O*NET
7	<u>Physical Therapist Assistants</u> 🌟	\$54,873	O*NET
8	<u>Respiratory Therapists</u> 🌟	\$54,660	O*NET
9	<u>Embalmers</u>	\$52,067	O*NET
10	<u>Surgical Technologists</u> 🌟	\$40,492	O*NET
11	<u>Licensed Practical and Licensed Vocational Nurses</u> 🌟	\$40,065	O*NET
12	<u>Cardiovascular Technologists and Technicians</u> 🌟	\$37,253	O*NET
13	<u>Medical Appliance Technicians</u> 🌟	\$34,012	O*NET
14	<u>Pharmacy Technicians</u> 🌟	\$33,109	SOC4
15	<u>Dental Assistants</u> 🌟	\$32,991	O*NET
16	<u>Opticians, Dispensing</u> 🌟	\$31,270	SOC4
17	<u>Animal Control Workers</u>	\$28,837	O*NET
18	<u>Municipal Firefighters</u>	\$28,144	O*NET
19	<u>Forest Firefighters</u>	\$28,144	O*NET
20	<u>Endoscopy Technicians</u> 🌟	\$27,234	O*NET
21	<u>Psychiatric Technicians</u> 🌟	\$26,817	SOC4
22	<u>Veterinary Technologists and Technicians</u> 🌟	\$25,902	O*NET
23	<u>Dietetic Technicians</u>	\$25,252	SOC4

Rank	Occupation	Median	*Related By
24	<u>Veterinary Assistants and Laboratory Animal Caretakers</u> 🌟	\$24,132	O*NET

🌟 BRIGHT OUTLOOK NATIONALLY

Source: Labor Market Statistics, Occupational Employment Statistics Program

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Entry level and Experienced wage rates represent the means of the lower 1/3 and upper 2/3 of the wage distribution, respectively. Data is from an annual survey.

\*Related By: O\*NET™ - The Occupational Information Network. O\*NET is a registered trademark of the US Department of Labor/Employment and Training Administration.

SOC4 - Occupational grouping based on 1st 4 digits of the Standard Occupational Classification system.

## Wage Rates by Industry

There is no data available for Radiologic Technologists in Louisiana.

## National Earnings Data Summary

**Radiologic Technologists** The median annual wage for radiologic technologists was \$57,450 in May 2016. The lowest 10 percent earned less than \$38,660, and the highest 10 percent earned more than \$82,590.

In May 2016, the median annual wages for magnetic resonance imaging technologists in the top industries in which they worked were as follows:

- Outpatient care centers \$72,320
- Hospitals; state, local, and private 68,360
- Medical and diagnostic laboratories 68,160
- Offices of physicians 67,770

In May 2016, the median annual wages for radiologic technologists in the top industries in which they worked were as follows:

- Federal government, excluding postal service \$60,750
- Hospitals; state, local, and private 58,730
- Medical and diagnostic laboratories 57,410
- Outpatient care centers 57,090
- Offices of physicians 52,420

Most radiologic and MRI technologists work full time. Because imaging is sometimes needed in emergency situations, some technologists work evenings, weekends, or overnight.

Source: U.S. Department of Labor Bureau of Labor Statistics

## Occupational Employment & Future Employment Outlook

This section shows the long term employment projections for Radiologic Technologists in Louisiana from 2016-2026.

Occupation	2016 Estimated Employment	2026 Projected Employment	Total 2016- 2026 Employment Change	2016-2026 Annual Avg. Percent Change
Radiologic Technologists	2,806	3,053	247	0.85%

Occupation	2016 Estimated Employment	2026 Projected Employment	Total 2016- 2026 Employment Change	2016-2026 Annual Avg. Percent Change
Total All	2,034,986	2,203,144	168,158	0.80%

Source: Occupational Employment Projections

## Employment Data Area Distribution





This section shows the distribution of the 2016 estimated employment for Radiologic Technologists in Louisiana by regional labor market area.

Rank	Area	2016 Estimated Employment
1	<u>1st Regional Labor Market Area, New Orleans</u>	779
2	<u>2nd Regional Labor Market Area, Baton Rouge</u>	562
3	<u>7th Regional Labor Market Area, Shreveport</u>	470
4	<u>4th Regional Labor Market Area, Lafayette</u>	332
5	<u>5th Regional Labor Market Area, Lake Charles</u>	190
6	<u>8th Regional Labor Market Area, Monroe</u>	183
7	<u>6th Regional Labor Market Area, Alexandria</u>	182
8	<u>3rd Regional Labor Market Area, Houma</u>	111

Source: Labor Market Statistics, Occupational Employment Projections Program

## Employment Data in Related Occupations

This section shows the 2016 Estimated Employment in Louisiana for occupations related to Radiologic Technologists.

Rank	Occupation	2016 Estimated Employment	*Related By
1	<u>Acute Care Nurses</u> 	44,616	O*NET
2	<u>Critical Care Nurses</u> 	44,616	O*NET
3	<u>Registered Nurses</u> 	44,616	O*NET
4	<u>Licensed Practical and Licensed Vocational Nurses</u> 	21,051	O*NET
5	<u>Forest Firefighters</u>	6,750	O*NET
6	<u>Municipal Firefighters</u>	6,750	O*NET

Rank	Occupation	2016 Estimated Employment	*Related By
7	<u>Pharmacy Technicians</u> 🌟	6,182	SOC4
8	<u>Dental Assistants</u> 🌟	3,665	O*NET
9	<u>Medical Records and Health Information Technicians</u> 🌟	2,924	SOC4
10	<u>Cytogenetic Technologists</u> 🌟	2,759	SOC4
11	<u>Cytotechnologists</u> 🌟	2,759	SOC4
12	<u>Histotechnologists and Histologic Technicians</u> 🌟	2,759	SOC4
13	<u>Medical and Clinical Laboratory Technologists</u> 🌟	2,759	SOC4
14	<u>Medical and Clinical Laboratory Technicians</u> 🌟	2,586	SOC4
15	<u>Health Technologists and Technicians, All Other</u> 🌟	2,346	SOC4
16	<u>Neurodiagnostic Technologists</u> 🌟	2,346	O*NET
17	<u>Radiologic Technicians</u> 🌟	2,346	O*NET
18	<u>Endoscopy Technicians</u> 🌟	2,255	O*NET
19	<u>Surgical Technologists</u> 🌟	2,124	O*NET
20	<u>Dental Hygienists</u> 🌟	1,942	O*NET
21	<u>Veterinary Assistants and Laboratory Animal Caretakers</u> 🌟	1,488	O*NET
22	<u>Physical Therapist Assistants</u> 🌟	1,443	O*NET
23	<u>Psychiatric Aides</u> 🌟	1,315	O*NET
24	<u>Psychiatric Technicians</u> 🌟	1,263	SOC4
25	<u>Opticians, Dispensing</u> 🌟	1,243	SOC4
26	<u>Veterinary Technologists and Technicians</u> 🌟	1,085	O*NET
27	<u>Diagnostic Medical Sonographers</u> 🌟	971	O*NET
28	<u>Cardiovascular Technologists and Technicians</u> 🌟	957	O*NET
29	<u>Occupational Health and Safety Technicians</u> 🌟 🌿	707	O*NET
30	<u>Dietetic Technicians</u>	538	SOC4
31	<u>Respiratory Therapy Technicians</u>	519	O*NET
32	<u>Nuclear Medicine Technologists</u> 🌟	439	O*NET
33	<u>Radiation Therapists</u> 🌟	407	O*NET
34	<u>Animal Control Workers</u>	281	O*NET
35	<u>Respiratory Therapists</u> 🌟	188	O*NET
36	<u>Embalmers</u>	145	O*NET
37	<u>Medical Appliance Technicians</u> 🌟	45	O*NET
*	<u>Audio-Visual and Multimedia Collections Specialists</u>	Confidential	O*NET
*	<u>Emergency Medical Technicians and Paramedics</u> 🌟	Confidential	O*NET

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\* Rank is suppressed for confidential data.

Source: Occupational Employment Projections

\*Related By: O\*NET™ - The Occupational Information Network. O\*NET is a registered trademark of the US Department of Labor/Employment and Training Administration.



SOC4 - Occupational grouping based on 1st 4 digits of the Standard Occupational Classification system.

## Projected Annual Openings

This section shows the long term projected annual openings for Radiologic Technologists in Louisiana from 2016 to 2026.

Occupation	Total Annual Average Openings	Annual Average Openings Due to Growth	Annual Average Openings Due to Replacement
Radiologic Technologists	N/A	N/A	N/A
Healthcare Practitioners and Technical	N/A	N/A	N/A

Source: Labor Market Statistics, Occupational Employment Projections Program

## Projected Annual Openings Area Distribution

This section shows the distribution of the total annual average openings for Radiologic Technologists in Louisiana by regional labor market area from 2016 to 2026.

Rank	Area	Total Annual Average Openings	There is no total annual average openings data available for Radiologic Technologists in Louisiana.
1	<u>1st Regional Labor Market Area, New Orleans</u>	N/A	
2	<u>2nd Regional Labor Market Area, Baton Rouge</u>	N/A	
3	<u>3rd Regional Labor Market Area, Houma</u>	N/A	
4	<u>4th Regional Labor Market Area, Lafayette</u>	N/A	
5	<u>5th Regional Labor Market Area, Lake Charles</u>	N/A	
6	<u>6th Regional Labor Market Area, Alexandria</u>	N/A	
7	<u>7th Regional Labor Market Area, Shreveport</u>	N/A	
8	<u>8th Regional Labor Market Area, Monroe</u>	N/A	

Source: Labor Market Statistics, Occupational Employment Projections Program

## Projected Annual Openings in Related Occupations

This section shows the projected total annual average openings in Louisiana for occupations related to Radiologic Technologists from 2016 to 2026.

Rank	Occupation	Total Annual Average Openings	*Related By
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Rank	Occupation	Total Annual Average Openings	*Related By
1	<u>Acute Care Nurses</u> 🌟	N/A	O*NET
2	<u>Animal Control Workers</u>	N/A	O*NET
3	<u>Cardiovascular Technologists and Technicians</u> 🌟	N/A	O*NET
4	<u>Critical Care Nurses</u> 🌟	N/A	O*NET
5	<u>Cytogenetic Technologists</u> 🌟	N/A	SOC4
6	<u>Cytotechnologists</u> 🌟	N/A	SOC4
7	<u>Dental Assistants</u> 🌟	N/A	O*NET
8	<u>Dental Hygienists</u> 🌟	N/A	O*NET
9	<u>Diagnostic Medical Sonographers</u> 🌟	N/A	O*NET
10	<u>Dietetic Technicians</u>	N/A	SOC4
11	<u>Embalmers</u>	N/A	O*NET
12	<u>Endoscopy Technicians</u> 🌟	N/A	O*NET
13	<u>Forest Firefighters</u>	N/A	O*NET
14	<u>Health Technologists and Technicians, All Other</u> 🌟	N/A	SOC4
15	<u>Histotechnologists and Histologic Technicians</u> 🌟	N/A	SOC4
16	<u>Licensed Practical and Licensed Vocational Nurses</u> 🌟	N/A	O*NET
17	<u>Medical and Clinical Laboratory Technicians</u> 🌟	N/A	SOC4
18	<u>Medical and Clinical Laboratory Technologists</u> 🌟	N/A	SOC4
19	<u>Medical Appliance Technicians</u> 🌟	N/A	O*NET
20	<u>Medical Records and Health Information Technicians</u> 🌟	N/A	SOC4
21	<u>Municipal Firefighters</u>	N/A	O*NET
22	<u>Neurodiagnostic Technologists</u> 🌟	N/A	O*NET
23	<u>Nuclear Medicine Technologists</u> 🌟	N/A	O*NET
24	<u>Occupational Health and Safety Technicians</u> 🌟 🍃	N/A	O*NET
25	<u>Opticians, Dispensing</u> 🌟	N/A	SOC4
26	<u>Pharmacy Technicians</u> 🌟	N/A	SOC4
27	<u>Physical Therapist Assistants</u> 🌟	N/A	O*NET
28	<u>Psychiatric Aides</u> 🌟	N/A	O*NET
29	<u>Psychiatric Technicians</u> 🌟	N/A	SOC4
30	<u>Radiation Therapists</u> 🌟	N/A	O*NET
31	<u>Radiologic Technicians</u> 🌟	N/A	O*NET
32	<u>Registered Nurses</u> 🌟	N/A	O*NET
33	<u>Respiratory Therapists</u> 🌟	N/A	O*NET
34	<u>Respiratory Therapy Technicians</u>	N/A	O*NET
35	<u>Surgical Technologists</u> 🌟	N/A	O*NET
36	<u>Veterinary Assistants and Laboratory Animal Caretakers</u> 🌟	N/A	O*NET
37	<u>Veterinary Technologists and Technicians</u> 🌟	N/A	O*NET

Rank	Occupation	Total Annual Average Openings	*Related By
*	<a href="#">Audio-Visual and Multimedia Collections Specialists</a>	Confidential	O*NET
*	<a href="#">Emergency Medical Technicians and Paramedics</a> 🌟	Confidential	O*NET

🌟 BRIGHT OUTLOOK NATIONALLY | 🌿 GREEN OCCUPATIONS

\* Rank is suppressed for confidential data.

Source: Occupational Employment Projections

## Industries by Employment

This section shows the industries that employed the highest number of Radiologic Technologists in Louisiana in 2016.

Rank	Industry Title	Estimated Employment	Percent of Total Employment
1	<a href="#">Hospitals</a>	1,849	65.89%
2	<a href="#">Ambulatory Health Care Services</a>	800	28.51%
*	<a href="#">Self-Employed and Unpaid Family Workers, Primary Job</a>	Confidential	Confidential
*	<a href="#">Professional, Scientific, and Technical Services</a>	Confidential	Confidential
*	<a href="#">Administrative and Support Services</a>	Confidential	Confidential
*	<a href="#">Educational Services</a>	Confidential	Confidential

\* Rank is suppressed for confidential data.

Source: Louisiana Workforce Commission, Occupational Projections Program

## Work Activities

This section shows the most common work activities required by Radiologic Technologists in order of importance. Click on a link in the Work Activity column to view more detailed information.

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<a href="#">Assisting and Caring for Others</a>	Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients.	97
<a href="#">Performing for or Working Directly with the Public</a>	Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests.	92
<a href="#">Getting Information</a>	Observing, receiving, and otherwise obtaining information from all relevant sources.	85
<a href="#">Updating and Using Relevant Knowledge</a>	Keeping up-to-date technically and applying new knowledge to your job.	82
<a href="#">Communicating with Supervisors, Peers, or Subordinates</a>	Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.	80

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<u>Handling and Moving Objects</u>	Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.	80
<u>Documenting/Recording Information</u>	Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form.	79
<u>Controlling Machines and Processes</u>	Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles).	78
<u>Interacting With Computers</u>	Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.	78
<u>Identifying Objects, Actions, and Events</u>	Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.	74
<u>Processing Information</u>	Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.	74
<u>Performing General Physical Activities</u>	Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.	74
<u>Monitor Processes, Materials, or Surroundings</u>	Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.	73
<u>Making Decisions and Solving Problems</u>	Analyzing information and evaluating results to choose the best solution and solve problems.	73
<u>Establishing and Maintaining Interpersonal Relationships</u>	Developing constructive and cooperative working relationships with others, and maintaining them over time.	71
<u>Evaluating Information to Determine Compliance with Standards</u>	Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards.	69
<u>Thinking Creatively</u>	Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions.	69
<u>Inspecting Equipment, Structures, or Material</u>	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.	65
<u>Analyzing Data or Information</u>	Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.	59

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<u>Interpreting the Meaning of Information for Others</u>	Translating or explaining what information means and how it can be used.	58
<u>Organizing, Planning, and Prioritizing Work</u>	Developing specific goals and plans to prioritize, organize, and accomplish your work.	58
<u>Communicating with Persons Outside Organization</u>	Communicating with people outside the organization, representing the organization to customers, the public, government, and other external sources. This information can be exchanged in person, in writing, or by telephone or e-mail.	54
<u>Judging the Qualities of Things, Services, or People</u>	Assessing the value, importance, or quality of things or people.	52
<u>Coordinating the Work and Activities of Others</u>	Getting members of a group to work together to accomplish tasks.	52
<u>Estimating the Quantifiable Characteristics of Products, Events, or Information</u>	Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity.	52
<u>Resolving Conflicts and Negotiating with Others</u>	Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others.	50
<u>Developing Objectives and Strategies</u>	Establishing long-range objectives and specifying the strategies and actions to achieve them.	48
<u>Training and Teaching Others</u>	Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others.	47
<u>Developing and Building Teams</u>	Encouraging and building mutual trust, respect, and cooperation among team members.	46
<u>Coaching and Developing Others</u>	Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills.	46
<u>Scheduling Work and Activities</u>	Scheduling events, programs, and activities, as well as the work of others.	45
<u>Guiding, Directing, and Motivating Subordinates</u>	Providing guidance and direction to subordinates, including setting performance standards and monitoring performance.	43
<u>Operating Vehicles, Mechanized Devices, or Equipment</u>	Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.	38

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<a href="#"><u>Provide Consultation and Advice to Others</u></a>	Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics.	38
<a href="#"><u>Repairing and Maintaining Mechanical Equipment</u></a>	Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.	33
<a href="#"><u>Performing Administrative Activities</u></a>	Performing day-to-day administrative tasks such as maintaining information files and processing paperwork.	32
<a href="#"><u>Repairing and Maintaining Electronic Equipment</u></a>	Servicing, repairing, calibrating, regulating, fine-tuning, or testing machines, devices, and equipment that operate primarily on the basis of electrical or electronic (not mechanical) principles.	32
<a href="#"><u>Monitoring and Controlling Resources</u></a>	Monitoring and controlling resources and overseeing the spending of money.	30
<a href="#"><u>Selling or Influencing Others</u></a>	Convincing others to buy merchandise/goods or to otherwise change their minds or actions.	22

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Tasks

This section shows the most common tasks required by Radiologic Technologists in order of importance. Click on a link in the Task column to view more detailed information.

Tasks	Task Description	Rank by Importance (Out of 100)
<a href="#"><u>Review and evaluate developed x-rays, video tape, or computer-generated information to determine if images are satisfactory for diagnostic purposes.</u></a>	Core	98
<a href="#"><u>Operate or oversee operation of radiologic or magnetic imaging equipment to produce images of the body for diagnostic purposes.</u></a>	Core	97
<a href="#"><u>Use radiation safety measures and protection devices to comply with government regulations and to ensure safety of patients and staff.</u></a>	Core	97
<a href="#"><u>Position imaging equipment and adjust controls to set exposure time and distance, according to specification of examination.</u></a>	Core	96
<a href="#"><u>Explain procedures and observe patients to ensure safety and comfort during scan.</u></a>	Core	96
<a href="#"><u>Position and immobilize patient on examining table.</u></a>	Core	95
<a href="#"><u>Key commands and data into computer to document and specify scan sequences, adjust transmitters and receivers, or photograph certain images.</u></a>	Core	95
<a href="#"><u>Take thorough and accurate patient medical histories.</u></a>	Core	95

Tasks	Task Description	Rank by Importance (Out of 100)
<u>Set up examination rooms, ensuring that all necessary equipment is ready.</u>	Core	94
<u>Monitor patients' conditions and reactions, reporting abnormal signs to physician.</u>	Core	90
<u>Record, process, and maintain patient data or treatment records and prepare reports.</u>	Core	89
<u>Monitor video display of area being scanned and adjust density or contrast to improve picture quality.</u>	Core	89
<u>Coordinate work with clerical personnel or other technologists.</u>	Core	86
<u>Provide assistance in dressing or changing seriously ill, injured, or disabled patients.</u>	Core	84
<u>Prepare and administer oral or injected contrast media to patients.</u>	Supplemental	90
<u>Remove and process film.</u>	Supplemental	84
<u>Operate fluoroscope to aid physician to view and guide wire or catheter through blood vessels to area of interest.</u>	Supplemental	80
<u>Collaborate with other medical team members, such as physicians or nurses, to conduct angiography or special vascular procedures.</u>	Supplemental	77
<u>Measure thickness of section to be radiographed, using instruments similar to measuring tapes.</u>	Supplemental	73
<u>Assign duties to radiologic staff to maintain patient flows and achieve production goals.</u>	Supplemental	73
<u>Perform scheduled maintenance or minor emergency repairs on radiographic equipment.</u>	Supplemental	70
<u>Demonstrate new equipment, procedures, or techniques to staff and provide technical assistance.</u>	Supplemental	67
<u>Perform administrative duties, such as developing departmental operating budget, coordinating purchases of supplies or equipment, or preparing work schedules.</u>	Supplemental	62

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## National Working Conditions

**Radiologic Technologists** Radiologic and MRI technologists work in hospitals and other healthcare facilities.

Magnetic resonance imaging technologists held about 36,600 jobs in 2016. The largest employers of magnetic resonance imaging technologists were as follows:

- Hospitals; state, local, and private 59%
- Medical and diagnostic laboratories 20
- Offices of physicians 13
- Outpatient care centers 4

Radiologic technologists held about 205,200 jobs in 2016. The largest employers of radiologic

technologists were as follows:

- Hospitals; state, local, and private 59%
- Offices of physicians 20
- Medical and diagnostic laboratories 8
- Outpatient care centers 6
- Federal government, excluding postal service 3

Radiologic and MRI technologists are often on their feet for long periods and may need to lift or turn patients who are disabled.

Injuries and Illnesses

Like other healthcare workers, radiologic and MRI technologists may be exposed to infectious diseases. In addition, because radiologic technologists work with imaging equipment that uses radiation, they must wear badges that measure radiation levels in the radiation area. Detailed records are kept on their cumulative lifetime dose. Although radiation hazards exist in this occupation, they are minimized by the use of protective lead aprons, gloves, and other shielding devices, and by badges that monitor exposure to radiation.

Work Schedules

Most radiologic and MRI technologists work full time. Because imaging is sometimes needed in emergency situations, some technologists work evenings, weekends, or overnight.

Source: [U.S. Department of Labor Bureau of Labor Statistics](#)

Typical Work Conditions

This section shows the most common work conditions required by Radiologic Technologists in order of importance.

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Contact With Others	How much does this job require the worker to be in contact with others (face-to-face, by telephone, or otherwise) in order to perform it?	99
Indoors, Environmentally Controlled	How often does this job require working indoors in environmentally controlled conditions?	97
Exposed to Disease or Infections	How often does this job require exposure to disease/infections?	92
Face-to-Face Discussions	How often do you have to have face-to-face discussions with individuals or teams in this job?	91
Telephone	How often do you have telephone conversations in this job?	91
Work With Work Group or Team	How important is it to work with others in a group or team in this job?	91
Importance of Being Exact or Accurate	How important is being very exact or highly accurate in performing this job?	91



Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Physical Proximity	To what extent does this job require the worker to perform job tasks in close physical proximity to other people?	89
Spend Time Using Your Hands to Handle, Control, or Feel Objects, Tools, or Controls	How much does this job require using your hands to handle, control, or feel objects, tools or controls?	87
Deal With External Customers	How important is it to work with external customers or the public in this job?	84
Freedom to Make Decisions	How much decision making freedom, without supervision, does the job offer?	79
Exposed to Radiation	How often does this job require exposure to radiation?	78
Spend Time Standing	How much does this job require standing?	77
Frequency of Decision Making	How frequently is the worker required to make decisions that affect other people, the financial resources, and/or the image and reputation of the organization?	76
Wear Specialized Protective or Safety Equipment such as Breathing Apparatus, Safety Harness, Full Protection Suits, or Radiation Protection	How much does this job require wearing specialized protective or safety equipment such as breathing apparatus, safety harness, full protection suits, or radiation protection?	76
Impact of Decisions on Co-workers or Company Results	What results do your decisions usually have on other people or the image or reputation or financial resources of your employer?	74
Structured versus Unstructured Work	To what extent is this job structured for the worker, rather than allowing the worker to determine tasks, priorities, and goals?	74
Deal With Unpleasant or Angry People	How frequently does the worker have to deal with unpleasant, angry, or discourteous individuals as part of the job requirements?	74
Responsible for Others' Health and Safety	How much responsibility is there for the health and safety of others in this job?	73
Importance of Repeating Same Tasks	How important is repeating the same physical activities (e.g., key entry) or mental activities (e.g., checking entries in a ledger) over and over, without stopping, to performing this job?	71
Spend Time Making Repetitive Motions	How much does this job require making repetitive motions?	70

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Coordinate or Lead Others	How important is it to coordinate or lead others in accomplishing work activities in this job?	69
Time Pressure	How often does this job require the worker to meet strict deadlines?	67
Spend Time Walking and Running	How much does this job require walking and running?	66
Level of Competition	To what extent does this job require the worker to compete or to be aware of competitive pressures?	64
Spend Time Bending or Twisting the Body	How much does this job require bending or twisting your body?	64
Consequence of Error	How serious would the result usually be if the worker made a mistake that was not readily correctable?	62
Electronic Mail	How often do you use electronic mail in this job?	57
Frequency of Conflict Situations	How often are there conflict situations the employee has to face in this job?	55
Wear Common Protective or Safety Equipment such as Safety Shoes, Glasses, Gloves, Hearing Protection, Hard Hats, or Life Jackets	How much does this job require wearing common protective or safety equipment such as safety shoes, glasses, gloves, hard hats or life jackets?	54
Letters and Memos	How often does the job require written letters and memos?	54
Responsibility for Outcomes and Results	How responsible is the worker for work outcomes and results of other workers?	54
Sounds, Noise Levels Are Distracting or Uncomfortable	How often does this job require working exposed to sounds and noise levels that are distracting or uncomfortable?	47
Exposed to Hazardous Conditions	How often does this job require exposure to hazardous conditions?	45
Pace Determined by Speed of Equipment	How important is it to this job that the pace is determined by the speed of equipment or machinery? (This does not refer to keeping busy at all times on this job.)	45
Exposed to Contaminants	How often does this job require working exposed to contaminants (such as pollutants, gases, dust or odors)?	38
Cramped Work Space, Awkward Positions	How often does this job require working in cramped work spaces that requires getting into awkward positions?	38

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Deal With Physically Aggressive People	How frequently does this job require the worker to deal with physical aggression of violent individuals?	38
Degree of Automation	How automated is the job?	38
Spend Time Kneeling, Crouching, Stooping, or Crawling	How much does this job require kneeling, crouching, stooping or crawling?	34
Extremely Bright or Inadequate Lighting	How often does this job require working in extremely bright or inadequate lighting conditions?	30
Spend Time Sitting	How much does this job require sitting?	29
Exposed to Hazardous Equipment	How often does this job require exposure to hazardous equipment?	28
Spend Time Keeping or Regaining Balance	How much does this job require keeping or regaining your balance?	24
Exposed to Minor Burns, Cuts, Bites, or Stings	How often does this job require exposure to minor burns, cuts, bites, or stings?	22
Public Speaking	How often do you have to perform public speaking in this job?	20

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Work Values and Needs

This section shows the information on the current work values for your selected occupation.

Work Value	Work Value Description	Rank By Extent (Out of 100)
Relationships	Occupations that satisfy this work value allow employees to provide service to others and work with co-workers in a friendly non-competitive environment. Corresponding needs are Co-workers, Moral Values and Social Service.	83
Support	Occupations that satisfy this work value offer supportive management that stands behind employees. Corresponding needs are Company Policies, Supervision: Human Relations and Supervision: Technical.	78
Working Conditions	Occupations that satisfy this work value offer job security and good working conditions. Corresponding needs are Activity, Compensation, Independence, Security, Variety and Working Conditions.	67
Independence	Occupations that satisfy this work value allow employees to work on their own and make decisions. Corresponding needs are Creativity, Responsibility and Autonomy.	67

Work Value	Work Value Description	Rank By Extent (Out of 100)
Achievement	Occupations that satisfy this work value are results oriented and allow employees to use their strongest abilities, giving them a feeling of accomplishment. Corresponding needs are Ability Utilization and Achievement.	50
Recognition	Occupations that satisfy this work value offer advancement, potential for leadership, and are often considered prestigious. Corresponding needs are Advancement, Authority, Recognition and Social Status.	39

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Typical Tools

This section shows common tools used by Radiologic Technologists.

Detailed Tool	Tool Group
Automated defibrillators	Automated external defibrillators AED or hard paddles
Desktop computers	Desktop computers
Digital Imaging Communications in Medicine DICOM system equipment	Digital Imaging Communications in Medicine DICOM standard system equipment
Electrocardiography EKG units	Electrocardiography EKG units
Electronic blood pressure units	Electronic blood pressure units
Enema equipment	Enema kits or accessories
Hypodermic needles	Hypodermic needle
Intramuscular needles	Hypodermic needle
Subcutaneous hypodermic needles	Hypodermic needle
Venipuncture needles	Hypodermic needle
Intravenous IV tubing	Intravenous or arterial extension tubing
Intravenous IV locks	Intravenous or arterial tubing adapters or connectors or locks or caps or protectors
Magnetic tape recorders	Magnetic tape recorders
Mobile image amplifier C-arms	Medical c arm x ray units
Fluoroscopes	Medical cine fluoroscopy equipment
Computed tomography CT audio and visual intercommunication systems	Medical computed tomography CT or CAT 3 dimensional system components
Computed tomography CT scanners	Medical computed tomography CT or CAT scanners or tubes
Positron emission tomography/computed tomography PET/CT scanners	Medical computed tomography CT or CAT scanners or tubes
Power injectors	Medical imaging contrast agent injectors or accessories
Film processing equipment	Medical imaging wet darkroom or daylight processors

Detailed Tool	Tool Group
Magnetic resonance imaging MRI audio and visual intercommunication systems	Medical magnetic resonance imaging MRI 3 dimensional system components
Medical magnetic resonance imaging MRI equipment	Medical magnetic resonance imaging MRI scanners
Image capturing and transmission systems	Medical picture archiving computer systems PACS
Picture archiving and communication systems PACS	Medical picture archiving computer systems PACS
Radiation measurement badges	Medical radiation films or badges
Grids	Medical radiographic equipment grids
Compression bands	Medical radiological positioning aids for general radiological use
Cushions	Medical radiological positioning aids for general radiological use
Patient immobilizing devices	Medical radiological positioning aids for general radiological use
Sandbags	Medical radiological positioning aids for general radiological use
Straps	Medical radiological positioning aids for general radiological use
Radiation protection devices	Medical radiological shielding aprons or masks or drapes
Intravenous IV syringes	Medical syringe without needle
Syringes	Medical syringe without needle
Diagnostic ultrasound equipment	Medical ultrasound or doppler or pulse echo or echography units for general diagnostic use
Portable ultrasound scanners	Medical ultrasound or doppler or pulse echo or echography units for general diagnostic use
Filters	Medical x ray apparatus filters
X ray beam restriction devices	Medical x ray apparatus filters
Automatic x ray film processors	Medical x ray darkroom equipment or supplies
Portable film processors	Medical x ray darkroom equipment or supplies
Self-contained film processors	Medical x ray darkroom equipment or supplies
Tabletop film processors	Medical x ray darkroom equipment or supplies
Image storage systems	Medical x ray film archiving system software
Scan converters	Medical x ray film archiving system software
Film cassettes	Medical x ray film or cassette
Intensifying screens	Medical x ray intensifying screens
X ray image intensifier television systems	Medical x ray intensifying screens
X ray imaging charge-coupled device CCD cameras	Medical x ray intensifying screens
X ray calipers	Medical x ray quality assurance or calibration devices
Portable x ray machines	Medical x ray units for general diagnostic use
X ray machines	Medical x ray units for general diagnostic use

Detailed Tool	Tool Group
Mercury blood pressure units	Mercury blood pressure units
Notebook computers	Notebook computers
Oxygen equipment	Oxygen therapy delivery system products accessories or its supplies
Over-the-needle intravenous IV catheters	Peripheral intravenous catheters for general use
Personal computers	Personal computers
Rapid film changers	Radiographic film or cassette changers
Cones	Radiographic locators
Cylinders	Radiographic locators
Diaphragms	Radiographic locators
Tablet computers	Tablet computers
Tourniquets	Tourniquets
Digital transmission densitometers	X ray bone densitometers
Portable densitometers	X ray bone densitometers
X ray bone densitometers	X ray bone densitometers
Collimators	X ray diffraction equipment

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Typical Technology

This section shows common technology used by Radiologic Technologists.

Detailed Technology	Technology Group
Diagnostic and procedural coding software	Categorization or classification software
Structured data entry software	Data base user interface and query software
Information systems integration software	Information retrieval or search software
Diagnostic image review software	Medical software
Digital Imaging Communications in Medicine DICOM software/modality management software	Medical software
Electronic medical record EMR software	Medical software
Film processor tracking and management software	Medical software
Information management subsystem software	Medical software
Internet or intranet image distribution software	Medical software
Medical condition coding software	Medical software
Medical procedure coding software	Medical software
Medical software	Medical software
MEDITECH software	Medical software
Practice management software PMS	Medical software
Virtual reality computed tomography CT imaging software	Medical software

Detailed Technology	Technology Group
Microsoft Office	Office suite software

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Licensing Information

This section shows licenses that may be required for Radiologic Technologists in Louisiana. Click on the link for the occupation you're interested in to view more information on how to attain a license.

Licensed Occupation
<a href="#">Radiologic Technologist</a>

Source: Louisiana Workforce Commission, Labor Market Information Program

## Typical Knowledge Categories

This section shows the most common knowledge categories required by Radiologic Technologists in order of importance. Click on a link in the Knowledge Category column to view more detailed information.

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
<a href="#">Customer and Personal Service</a>	Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.	91
<a href="#">Medicine and Dentistry</a>	Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities. This includes symptoms, treatment alternatives, drug properties and interactions, and preventive health-care measures.	73
<a href="#">English Language</a>	Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.	70
<a href="#">Computers and Electronics</a>	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.	68
<a href="#">Physics</a>	Knowledge and prediction of physical principles, laws, their interrelationships, and applications to understanding fluid, material, and atmospheric dynamics, and mechanical, electrical, atomic and sub- atomic structures and processes.	63
<a href="#">Clerical</a>	Knowledge of administrative and clerical procedures and systems such as word processing, managing files and records, stenography and transcription, designing forms, and other office procedures and terminology.	61

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
<u>Psychology</u>	Knowledge of human behavior and performance; individual differences in ability, personality, and interests; learning and motivation; psychological research methods; and the assessment and treatment of behavioral and affective disorders.	60
<u>Biology</u>	Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.	58
<u>Mathematics</u>	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.	56
<u>Mechanical</u>	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.	55
<u>Public Safety and Security</u>	Knowledge of relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property, and institutions.	53
<u>Administration and Management</u>	Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.	49
<u>Engineering and Technology</u>	Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.	43
<u>Communications and Media</u>	Knowledge of media production, communication, and dissemination techniques and methods. This includes alternative ways to inform and entertain via written, oral, and visual media.	42
<u>Production and Processing</u>	Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.	40
<u>Law and Government</u>	Knowledge of laws, legal codes, court procedures, precedents, government regulations, executive orders, agency rules, and the democratic political process.	38
<u>Personnel and Human Resources</u>	Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems.	38
<u>Telecommunications</u>	Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.	38



Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
<a href="#">Therapy and Counseling</a>	Knowledge of principles, methods, and procedures for diagnosis, treatment, and rehabilitation of physical and mental dysfunctions, and for career counseling and guidance.	37
<a href="#">Chemistry</a>	Knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformations that they undergo. This includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods.	34
<a href="#">Sociology and Anthropology</a>	Knowledge of group behavior and dynamics, societal trends and influences, human migrations, ethnicity, cultures and their history and origins.	33
<a href="#">Foreign Language</a>	Knowledge of the structure and content of a foreign (non-English) language including the meaning and spelling of words, rules of composition and grammar, and pronunciation.	32
<a href="#">Economics and Accounting</a>	Knowledge of economic and accounting principles and practices, the financial markets, banking and the analysis and reporting of financial data.	27
<a href="#">Philosophy and Theology</a>	Knowledge of different philosophical systems and religions. This includes their basic principles, values, ethics, ways of thinking, customs, practices, and their impact on human culture.	27
<a href="#">Sales and Marketing</a>	Knowledge of principles and methods for showing, promoting, and selling products or services. This includes marketing strategy and tactics, product demonstration, sales techniques, and sales control systems.	22

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Typical Work Abilities Required

This section shows the results of a national survey listing the most common work abilities required by Radiologic Technologists in order of importance. Click on a link in the Work Ability column to view more detailed information.

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<a href="#">Oral Comprehension</a>	The ability to listen to and understand information and ideas presented through spoken words and sentences.	75
<a href="#">Oral Expression</a>	The ability to communicate information and ideas in speaking so others will understand.	75

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<u>Problem Sensitivity</u>	The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.	72
<u>Written Comprehension</u>	The ability to read and understand information and ideas presented in writing.	69
<u>Deductive Reasoning</u>	The ability to apply general rules to specific problems to produce answers that make sense.	66
<u>Inductive Reasoning</u>	The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).	66
<u>Near Vision</u>	The ability to see details at close range (within a few feet of the observer).	66
<u>Speech Clarity</u>	The ability to speak clearly so others can understand you.	66
<u>Written Expression</u>	The ability to communicate information and ideas in writing so others will understand.	66
<u>Speech Recognition</u>	The ability to identify and understand the speech of another person.	63
<u>Information Ordering</u>	The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).	56
<u>Arm-Hand Steadiness</u>	The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.	53
<u>Control Precision</u>	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.	53
<u>Finger Dexterity</u>	The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects.	53
<u>Perceptual Speed</u>	The ability to quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns. The things to be compared may be presented at the same time or one after the other. This ability also includes comparing a presented object with a remembered object.	53
<u>Trunk Strength</u>	The ability to use your abdominal and lower back muscles to support part of the body repeatedly or continuously over time without 'giving out' or fatiguing.	53
<u>Category Flexibility</u>	The ability to generate or use different sets of rules for combining or grouping things in different ways.	50
<u>Manual Dexterity</u>	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.	50
<u>Selective Attention</u>	The ability to concentrate on a task over a period of time without being distracted.	50

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<u>Static Strength</u>	The ability to exert maximum muscle force to lift, push, pull, or carry objects.	50
<u>Visual Color Discrimination</u>	The ability to match or detect differences between colors, including shades of color and brightness.	50
<u>Far Vision</u>	The ability to see details at a distance.	47
<u>Flexibility of Closure</u>	The ability to identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material.	47
<u>Fluency of Ideas</u>	The ability to come up with a number of ideas about a topic (the number of ideas is important, not their quality, correctness, or creativity).	47
<u>Multilimb Coordination</u>	The ability to coordinate two or more limbs (for example, two arms, two legs, or one leg and one arm) while sitting, standing, or lying down. It does not involve performing the activities while the whole body is in motion.	44
<u>Originality</u>	The ability to come up with unusual or clever ideas about a given topic or situation, or to develop creative ways to solve a problem.	44
<u>Time Sharing</u>	The ability to shift back and forth between two or more activities or sources of information (such as speech, sounds, touch, or other sources).	44
<u>Rate Control</u>	The ability to time your movements or the movement of a piece of equipment in anticipation of changes in the speed and/or direction of a moving object or scene.	41
<u>Speed of Closure</u>	The ability to quickly make sense of, combine, and organize information into meaningful patterns.	41
<u>Visualization</u>	The ability to imagine how something will look after it is moved around or when its parts are moved or rearranged.	41
<u>Extent Flexibility</u>	The ability to bend, stretch, twist, or reach with your body, arms, and/or legs.	38
<u>Response Orientation</u>	The ability to choose quickly between two or more movements in response to two or more different signals (lights, sounds, pictures). It includes the speed with which the correct response is started with the hand, foot, or other body part.	38
<u>Stamina</u>	The ability to exert yourself physically over long periods of time without getting winded or out of breath.	38
<u>Depth Perception</u>	The ability to judge which of several objects is closer or farther away from you, or to judge the distance between you and an object.	35
<u>Hearing Sensitivity</u>	The ability to detect or tell the differences between sounds that vary in pitch and loudness.	35
<u>Auditory Attention</u>	The ability to focus on a single source of sound in the presence of other distracting sounds.	31

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<u>Dynamic Strength</u>	The ability to exert muscle force repeatedly or continuously over time. This involves muscular endurance and resistance to muscle fatigue.	31
<u>Reaction Time</u>	The ability to quickly respond (with the hand, finger, or foot) to a signal (sound, light, picture) when it appears.	31
<u>Gross Body Coordination</u>	The ability to coordinate the movement of your arms, legs, and torso together when the whole body is in motion.	28
<u>Mathematical Reasoning</u>	The ability to choose the right mathematical methods or formulas to solve a problem.	28
<u>Number Facility</u>	The ability to add, subtract, multiply, or divide quickly and correctly.	28
<u>Gross Body Equilibrium</u>	The ability to keep or regain your body balance or stay upright when in an unstable position.	25
<u>Memorization</u>	The ability to remember information such as words, numbers, pictures, and procedures.	25
<u>Wrist-Finger Speed</u>	The ability to make fast, simple, repeated movements of the fingers, hands, and wrists.	25
<u>Speed of Limb Movement</u>	The ability to quickly move the arms and legs.	22
<u>Night Vision</u>	The ability to see under low light conditions.	19
<u>Explosive Strength</u>	The ability to use short bursts of muscle force to propel oneself (as in jumping or sprinting), or to throw an object.	16
<u>Glare Sensitivity</u>	The ability to see objects in the presence of glare or bright lighting.	13
<u>Peripheral Vision</u>	The ability to see objects or movement of objects to one's side when the eyes are looking ahead.	13
<u>Sound Localization</u>	The ability to tell the direction from which a sound originated.	13
<u>Spatial Orientation</u>	The ability to know your location in relation to the environment or to know where other objects are in relation to you.	10
<u>Dynamic Flexibility</u>	The ability to quickly and repeatedly bend, stretch, twist, or reach out with your body, arms, and/or legs.	3

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Typical Work Interests

This section shows the results of a national survey listing the most common work interests for Radiologic Technologists in order of importance.

Work Interest	Work Interest Description	Rank by Importance (Out of 100)
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Work Interest	Work Interest Description	Rank by Importance (Out of 100)
Realistic	Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.	95
Social	Social occupations frequently involve working with, communicating with, and teaching people. These occupations often involve helping or providing service to others.	67
Investigative	Investigative occupations frequently involve working with ideas, and require an extensive amount of thinking. These occupations can involve searching for facts and figuring out problems mentally.	45
Enterprising	Enterprising occupations frequently involve starting up and carrying out projects. These occupations can involve leading people and making many decisions. Sometimes they require risk taking and often deal with business.	33
Conventional	Conventional occupations frequently involve following set procedures and routines. These occupations can include working with data and details more than with ideas. Usually there is a clear line of authority to follow.	33

Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Typical Work Styles

This section shows the most common work styles required by Radiologic Technologists in order of importance. Click on a link in the Work Style column to view more detailed information.

Work Style	Work Style Description	Rank by Importance (Out of 100)
<a href="#">Integrity</a>	Job requires being honest and ethical.	92
<a href="#">Dependability</a>	Job requires being reliable, responsible, and dependable, and fulfilling obligations.	91
<a href="#">Cooperation</a>	Job requires being pleasant with others on the job and displaying a good-natured, cooperative attitude.	90
<a href="#">Self Control</a>	Job requires maintaining composure, keeping emotions in check, controlling anger, and avoiding aggressive behavior, even in very difficult situations.	90
<a href="#">Attention to Detail</a>	Job requires being careful about detail and thorough in completing work tasks.	90
<a href="#">Concern for Others</a>	Job requires being sensitive to others' needs and feelings and being understanding and helpful on the job.	89

Work Style	Work Style Description	Rank by Importance (Out of 100)
<a href="#">Independence</a>	Job requires developing one's own ways of doing things, guiding oneself with little or no supervision, and depending on oneself to get things done.	86
<a href="#">Adaptability/Flexibility</a>	Job requires being open to change (positive or negative) and to considerable variety in the workplace.	84
<a href="#">Stress Tolerance</a>	Job requires accepting criticism and dealing calmly and effectively with high stress situations.	82
<a href="#">Initiative</a>	Job requires a willingness to take on responsibilities and challenges.	78
<a href="#">Social Orientation</a>	Job requires preferring to work with others rather than alone, and being personally connected with others on the job.	77
<a href="#">Persistence</a>	Job requires persistence in the face of obstacles.	72
<a href="#">Achievement/Effort</a>	Job requires establishing and maintaining personally challenging achievement goals and exerting effort toward mastering tasks.	71
<a href="#">Leadership</a>	Job requires a willingness to lead, take charge, and offer opinions and direction.	67
<a href="#">Analytical Thinking</a>	Job requires analyzing information and using logic to address work-related issues and problems.	66
<a href="#">Innovation</a>	Job requires creativity and alternative thinking to develop new ideas for and answers to work-related problems.	66

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## Related Occupations

This section shows a list of occupations related to Radiologic Technologists. Click an occupation title to see more information about that occupation.

Rank	Related Occupations	Duties	*Related By
1	<a href="#">Cytogenetic Technologists</a> 🌟	Analyze chromosomes found in biological specimens such as amniotic fluids, bone marrow, and blood to aid in the study, diagnosis, or treatment of genetic diseases.	SOC4
2	<a href="#">Cytotechnologists</a> 🌟	Stain, mount, and study cells to detect evidence of cancer, hormonal abnormalities, and other pathological conditions following established standards and practices.	SOC4
3	<a href="#">Dietetic Technicians</a>	Assist in the provision of food service and nutritional programs, under the supervision of a dietitian. May plan and produce meals based on established guidelines, teach principles of food and nutrition, or counsel individuals.	SOC4

Rank	Related Occupations	Duties	*Related By
4	<u>Health Technologists and Technicians, All Other</u> 🌟	All health technologists and technicians not listed separately.	SOC4
5	<u>Histotechnologists and Histologic Technicians</u> 🌟	Prepare histologic slides from tissue sections for microscopic examination and diagnosis by pathologists. May assist in research studies.	SOC4
6	<u>Medical and Clinical Laboratory Technicians</u> 🌟	Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.	SOC4
7	<u>Medical and Clinical Laboratory Technologists</u> 🌟	Perform complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff.	SOC4
8	<u>Medical Records and Health Information Technicians</u> 🌟	Compile, process, and maintain medical records of hospital and clinic patients in a manner consistent with medical, administrative, ethical, legal, and regulatory requirements of the health care system. Process, maintain, compile, and report patient information for health requirements and standards in a manner consistent with the healthcare industry's numerical coding system.	SOC4
9	<u>Opticians, Dispensing</u> 🌟	Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification. Assist client with inserting, removing, and caring for contact lenses. Assist client with selecting frames. Measure customer for size of eyeglasses and coordinate frames with facial and eye measurements and optical prescription. Prepare work order for optical laboratory containing instructions for grinding and mounting lenses in frames. Verify exactness of finished lens spectacles. Adjust frame and lens position to fit client. May shape or reshape frames. Includes contact lens opticians.	SOC4
10	<u>Pharmacy Technicians</u> 🌟	Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications according to prescription orders.	SOC4
11	<u>Psychiatric Technicians</u> 🌟	Care for individuals with mental or emotional conditions or disabilities, following the instructions of physicians or other health practitioners. Monitor patients' physical and emotional well-being and report to medical staff. May participate in rehabilitation and treatment programs, help with personal hygiene, and administer oral or injectable medications.	SOC4
12	<u>Acute Care Nurses</u> 🌟	Provide advanced nursing care for patients with acute conditions such as heart attacks, respiratory distress syndrome, or shock. May care for pre- and post-operative patients or perform advanced, invasive diagnostic or therapeutic procedures.	O*NET

Rank	Related Occupations	Duties	*Related By
13	<u>Cardiovascular Technologists and Technicians</u> ✦	Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary functions, lung capacity, and similar tests. Includes vascular technologists.	O*NET
14	<u>Critical Care Nurses</u> ✦	Provide advanced nursing care for patients in critical or coronary care units.	O*NET
15	<u>Dental Assistants</u> ✦	Assist dentist, set up equipment, prepare patient for treatment, and keep records.	O*NET
16	<u>Dental Hygienists</u> ✦	Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop x rays, or apply fluoride or sealants.	O*NET
17	<u>Diagnostic Medical Sonographers</u> ✦	Produce ultrasonic recordings of internal organs for use by physicians.	O*NET
18	<u>Endoscopy Technicians</u> ✦	Maintain a sterile field to provide support for physicians and nurses during endoscopy procedures. Prepare and maintain instruments and equipment. May obtain specimens.	O*NET
19	<u>Licensed Practical and Licensed Vocational Nurses</u> ✦	Care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required.	O*NET
20	<u>Neurodiagnostic Technologists</u> ✦	Conduct electroneurodiagnostic (END) tests such as electroencephalograms, evoked potentials, polysomnograms, or electronystagmograms. May perform nerve conduction studies.	O*NET
21	<u>Nuclear Medicine Technologists</u> ✦	Prepare, administer, and measure radioactive isotopes in therapeutic, diagnostic, and tracer studies using a variety of radioisotope equipment. Prepare stock solutions of radioactive materials and calculate doses to be administered by radiologists. Subject patients to radiation. Execute blood volume, red cell survival, and fat absorption studies following standard laboratory techniques.	O*NET
22	<u>Physical Therapist Assistants</u> ✦	Assist physical therapists in providing physical therapy treatments and procedures. May, in accordance with State laws, assist in the development of treatment plans, carry out routine functions, document the progress of treatment, and modify specific treatments in accordance with patient status and within the scope of treatment plans established by a physical therapist. Generally requires formal training.	O*NET
23	<u>Psychiatric Aides</u> ✦	Assist mentally impaired or emotionally disturbed patients, working under direction of nursing and medical staff. May assist with daily living activities, lead patients in educational and recreational activities, or accompany patients to and from examinations and treatments. May restrain violent patients. Includes psychiatric orderlies.	O*NET



Rank	Related Occupations	Duties	*Related By
24	<u>Radiation Therapists</u> ♦	Provide radiation therapy to patients as prescribed by a radiologist according to established practices and standards. Duties may include reviewing prescription and diagnosis; acting as liaison with physician and supportive care personnel; preparing equipment, such as immobilization, treatment, and protection devices; and maintaining records, reports, and files. May assist in dosimetry procedures and tumor localization.	O*NET
25	<u>Radiologic Technicians</u> ♦	Maintain and use equipment and supplies necessary to demonstrate portions of the human body on x-ray film or fluoroscopic screen for diagnostic purposes.	O*NET
26	<u>Registered Nurses</u> ♦	Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.	O*NET
27	<u>Respiratory Therapists</u> ♦	Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.	O*NET
28	<u>Respiratory Therapy Technicians</u>	Provide respiratory care under the direction of respiratory therapists and physicians.	O*NET
29	<u>Surgical Technologists</u> ♦	Assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel. May help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeon's assistants, hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments.	O*NET
30	<u>Veterinary Technologists and Technicians</u> ♦	Perform medical tests in a laboratory environment for use in the treatment and diagnosis of diseases in animals. Prepare vaccines and serums for prevention of diseases. Prepare tissue samples, take blood samples, and execute laboratory tests, such as urinalysis and blood counts. Clean and sterilize instruments and materials and maintain equipment and machines. May assist a veterinarian during surgery.	O*NET
31	<u>Animal Control Workers</u>	Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals.	O*NET
32	<u>Audio-Visual and Multimedia Collections Specialists</u>	Prepare, plan, and operate multimedia teaching aids for use in education. May record, catalogue, and file materials.	O*NET
33	<u>Embalmers</u>	Prepare bodies for interment in conformity with legal requirements.	O*NET

Rank	Related Occupations	Duties	*Related By
34	<u>Emergency Medical Technicians and Paramedics</u> 🌟	Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.	O*NET
35	<u>Forest Firefighters</u>	Control and suppress fires in forests or vacant public land.	O*NET
36	<u>Medical Appliance Technicians</u> 🌟	Construct, fit, maintain, or repair medical supportive devices, such as braces, orthotics and prosthetic devices, joints, arch supports, and other surgical and medical appliances.	O*NET
37	<u>Municipal Firefighters</u>	Control and extinguish municipal fires, protect life and property and conduct rescue efforts.	O*NET
38	<u>Occupational Health and Safety Technicians</u> 🌟 🌿	Collect data on work environments for analysis by occupational health and safety specialists. Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers.	O*NET
39	<u>Veterinary Assistants and Laboratory Animal Caretakers</u> 🌟	Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in laboratories and animal hospitals and clinics. Clean and disinfect cages and work areas, and sterilize laboratory and surgical equipment. May provide routine post-operative care, administer medication orally or topically, or prepare samples for laboratory examination under the supervision of veterinary or laboratory animal technologists or technicians, veterinarians, or scientists.	O*NET

🌟 BRIGHT OUTLOOK NATIONALLY | 🌿 GREEN OCCUPATIONS

Source: \*\*Related By: O\*NET™ - The [Occupational Information Network](#). O\*NET is a registered trademark of the [US Department of Labor/Employment and Training Administration](#).  
SOC4 - Occupational grouping based on 1st 4 digits of the [Standard Occupational Classification](#) system.

## Career Ladder

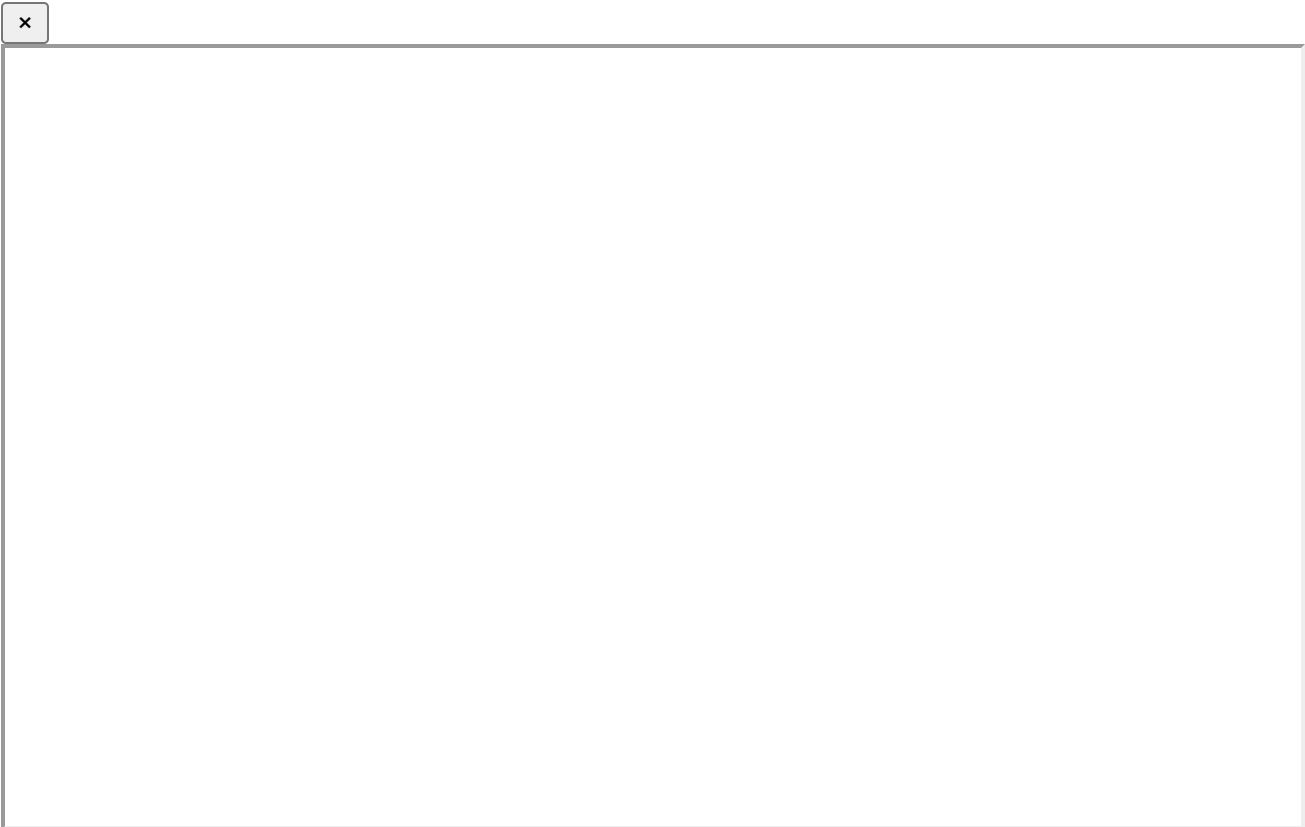
This section shows the top 10 occupations and the corresponding individuals in the workforce system who were previously Radiologic Technologists and have changed their occupation over the last 5 years.

Occupation Title	Number of Individuals that Moved	Percentage of Individuals that Moved
<u>Radiologic Technicians</u> 🌟	29	44.62%
<u>Magnetic Resonance Imaging Technologists</u> 🌟	7	10.77%
<u>Receptionists and Information Clerks</u> 🌟	6	9.23%
<u>Office Clerks, General</u> 🌟	5	7.69%
<u>Cardiovascular Technologists and Technicians</u> 🌟	4	6.15%
<u>Medical Assistants</u> 🌟	4	6.15%
<u>Administrative Services Managers</u> 🌟	3	4.62%
<u>Diagnostic Medical Sonographers</u> 🌟	3	4.62%
<u>Non-Destructive Testing Specialists</u>	2	3.08%

Occupation Title	Number of Individuals that Moved	Percentage of Individuals that Moved
Sales Managers	2	3.08%

 BRIGHT OUTLOOK NATIONALLY

Source: Individuals with active résumés in the workforce system.



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