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Emergency Medical Technicians and... Louisiana

Summary of Job Duties

Emergency Medical Technicians and Paramedics [Video](#) - Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.

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

Emergency Medical Technicians and Paramedics EMTs and paramedics assess a patient's condition and administer emergency medical care.

Emergency medical technicians (EMTs) and paramedics care for the sick or injured in emergency medical settings. People's lives often depend on the quick reaction and competent care provided by these workers. EMTs and paramedics respond to emergency calls, performing medical services and transporting patients to medical facilities.

A 911 operator sends EMTs and paramedics to the scene of an emergency, where they often work with police and firefighters.

Duties

EMTs and paramedics typically do the following:

- Respond to 911 calls for emergency medical assistance, such as cardiopulmonary resuscitation (CPR) or bandaging a wound
- Assess a patient's condition and determine a course of treatment
- Provide first-aid treatment or life support care to sick or injured patients
- Transport patients safely in an ambulance
- Transfer patients to the emergency department of a hospital or other healthcare facility
- Report their observations and treatment to physicians, nurses, or other healthcare facility staff
- Document medical care given to patients
- Inventory, replace, and clean supplies and equipment after use

When transporting a patient in an ambulance, one EMT or paramedic may drive the ambulance while another monitors the patient's vital signs and gives additional care. Some paramedics work as part of a helicopter's or an airplane's flight crew to transport critically ill or injured patients to a hospital.

EMTs and paramedics also transport patients from one medical facility to another. Some patients may need to be transferred to a hospital that specializes in treating their particular injury or illness or to a facility that provides long-term care, such as a nursing home.

If a patient has a contagious disease, EMTs and paramedics decontaminate the interior of the ambulance and may need to report the case to the proper authorities.

The specific responsibilities of EMTs and paramedics depend on their level of certification and the state they work in. The National Registry of Emergency Medical Technicians (NREMT) provides national certification of EMTs and paramedics at four levels: EMR, EMT, Advanced EMT, and Paramedic. Some states, however, have their own certification programs and use similar titles.

Emergency Medical Responders, or EMRs, are trained to provide basic medical care with minimal equipment. These workers may provide immediate lifesaving interventions while waiting for other emergency medical services (EMS) resources to arrive. Jobs in this category may also go by a variety of titles including Emergency Care Attendants, Certified First Responders, or similar.

An EMT, also known as an EMT-Basic, cares for patients at the scene of an incident and while taking patients by ambulance to a hospital. An EMT has the skills to assess a patient's condition and to manage respiratory, cardiac, and trauma emergencies.

An Advanced EMT, also known as an EMT-Intermediate, has completed the requirements for the EMT level, as well as instruction in more advanced medical procedures, such as administering intravenous fluids and some medications.

Paramedics provide more extensive prehospital care than do EMTs. In addition to doing the tasks of EMTs, paramedics can give medications orally and intravenously, interpret electrocardiograms (EKGs)—which monitor heart function—and use other monitors and complex equipment.

The specific tasks or procedures EMTs and paramedics are allowed to perform vary by state.

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

Job Zone

The section below shows the job zone information for Emergency Medical Technicians and Paramedics. 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 Emergency Medical Technicians and Paramedics and for the related occupational group of Healthcare Practitioners and Technical Occupations on November 23, 2020 (Jobs De-duplication Level 2).

Occupation	Job Openings
Emergency Medical Technicians and Paramedics🌟	<u>122</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 Emergency Medical Technicians and Paramedics in Louisiana October, 2020 (Jobs De-duplication Level 2).

Occupation	Job Openings
Emergency Medical Technicians and Paramedics🌟	177

🌟 BRIGHT OUTLOOK NATIONALLY

Source: Online advertised jobs data

Jobs Area Distribution

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

Job Source: Online advertised jobs data

Jobs in Related Occupations

This section shows the number of job openings advertised online in Louisiana for occupations related to Emergency Medical Technicians and Paramedics on November 23, 2020 (Jobs De-

duplication Level 2).

Rank	Occupation	Median Wage	Job Openings	*Related By
1	Registered Nurses💡	\$62,401	4,509	O*NET
2	Licensed Practical and Licensed Vocational Nurses💡	\$38,808	697	O*NET
3	Critical Care Nurses💡	\$62,401	358	O*NET
4	Surgical Technologists💡	\$39,414	222	O*NET
5	Medical and Clinical Laboratory Technologists💡	N/A	190	SOC4
6	Respiratory Therapists💡	\$53,834	181	O*NET
7	Radiologic Technologists💡	\$50,605	168	O*NET
8	Pharmacy Technicians💡	\$31,473	166	SOC4
9	Emergency Medical Technicians and Paramedics💡	\$34,254	122	N/A
10	Medical and Clinical Laboratory Technicians💡	N/A	83	SOC4
11	Social and Human Service Assistants💡	\$28,269	77	O*NET
12	Diagnostic Medical Sonographers💡	\$59,130	77	O*NET
13	Respiratory Therapy Technicians	\$49,339	66	SOC4
14	Psychiatric Technicians💡	\$26,469	51	O*NET
15	Cardiovascular Technologists and Technicians💡	\$38,321	44	O*NET
16	Nuclear Medicine Technologists💡	\$68,283	39	SOC4
17	Police Patrol Officers	\$40,475	32	O*NET
18	Medical Records and Health Information Technicians💡	\$34,980	31	SOC4
19	Dietetic Technicians	\$22,612	28	SOC4
20	Veterinary Technologists and Technicians💡	\$24,796	26	SOC4
21	Radiologic Technicians💡	\$32,059	21	O*NET
22	Dental Hygienists💡	\$60,558	20	SOC4
23	Acute Care Nurses💡	\$62,401	16	O*NET
24	Sheriffs and Deputy Sheriffs	\$40,475	12	O*NET
25	Radiation Therapists💡	\$62,549	11	O*NET
26	Cytotechnologists💡	N/A	11	SOC4
27	Health Technologists and Technicians, All Other💡	\$32,059	11	SOC4
28	Histotechnologists and Histologic Technicians💡	N/A	5	SOC4
29	Opticians, Dispensing💡	\$30,929	4	SOC4
30	Occupational Health and Safety Technicians💡🌿	\$49,926	4	O*NET
31	Municipal Firefighters	\$28,193	4	O*NET

Rank	Occupation	Median Wage	Job Openings	*Related By
32	Fire Inspectors	\$46,449	<u>3</u>	O*NET
33	Embalmers	\$47,114	<u>3</u>	O*NET
34	Orthotists and Prosthetists 🌟	\$69,490	<u>2</u>	SOC4
35	Municipal Fire Fighting and Prevention Supervisors	\$60,200	<u>2</u>	O*NET
36	Neurodiagnostic Technologists 🌟	\$32,059	<u>1</u>	SOC4
37	Fire Investigators	\$46,449	<u>1</u>	O*NET
38	Police Detectives	\$51,164	<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 2018 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 Emergency Medical Technicians and Paramedics and for the related occupational group of Healthcare Practitioners and Technical Occupations on November 23, 2020.

Occupation	Candidates
Emergency Medical Technicians and Paramedics 🌟	129
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 Emergency Medical Technicians and Paramedics in Louisiana by parishes on November 23, 2020.

Rank	Area Name	Median Wage	Candidates
1	East Baton Rouge Parish	\$34,254 state level wages	62
2	Orleans Parish	\$34,254 state level wages	60
3	Jefferson Parish	\$34,254 state level wages	59
4	St. Tammany Parish	\$34,254 state level wages	53

Rank	Area Name	Median Wage	Candidates
5	<u>Tangipahoa Parish</u>	\$34,254 state level wages	51
6	<u>Livingston Parish</u>	\$34,254 state level wages	50
7	<u>Ascension Parish</u>	\$34,254 state level wages	49
8	<u>Iberville Parish</u>	\$34,254 state level wages	48
9	<u>St. John the Baptist Parish</u>	\$34,254 state level wages	48
10	<u>Avoyelles Parish</u>	\$34,254 state level wages	47

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 2018 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 Emergency Medical Technicians and Paramedics on November 23, 2020.

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Rank	Occupation	Median Wage	Candidates	*Related By
1	<u>Licensed Practical and Licensed Vocational Nurses</u> 💎	\$38,808	815	O*NET
2	<u>Medical Records and Health Information Technicians</u> 💎	\$34,980	594	SOC4
3	<u>Registered Nurses</u> 💎	\$62,401	423	O*NET
4	<u>Pharmacy Technicians</u> 💎	\$31,473	298	SOC4
5	<u>Occupational Health and Safety Technicians</u> 💎🌱	\$49,926	297	O*NET
6	<u>Social and Human Service Assistants</u> 💎	\$28,269	290	O*NET
7	<u>Medical and Clinical Laboratory Technicians</u> 💎	N/A	248	SOC4
8	<u>Health Technologists and Technicians, All Other</u> 💎	\$32,059	181	SOC4
9	<u>Police Patrol Officers</u>	\$40,475	155	O*NET
10	<u>Acute Care Nurses</u> 💎	\$62,401	142	O*NET
11	<u>Emergency Medical Technicians and Paramedics</u> 💎	\$34,254	129	N/A
12	<u>Psychiatric Technicians</u> 💎	\$26,469	115	O*NET
13	<u>Dental Hygienists</u> 💎	\$60,558	109	SOC4
14	<u>Surgical Technologists</u> 💎	\$39,414	108	O*NET
15	<u>Cardiovascular Technologists and Technicians</u> 💎	\$38,321	73	O*NET
16	<u>Opticians, Dispensing</u> 💎	\$30,929	67	SOC4
17	<u>Radiologic Technicians</u> 💎	\$32,059	56	O*NET
18	<u>Dietetic Technicians</u>	\$22,612	53	SOC4
19	<u>Veterinary Technologists and Technicians</u> 💎	\$24,796	48	SOC4
20	<u>Fire Inspectors</u>	\$46,449	45	O*NET
21	<u>Medical and Clinical Laboratory Technologists</u> 💎	N/A	41	SOC4
22	<u>Sheriffs and Deputy Sheriffs</u>	\$40,475	35	O*NET
23	<u>Radiologic Technologists</u> 💎	\$50,605	34	O*NET
24	<u>Diagnostic Medical Sonographers</u> 💎	\$59,130	25	O*NET
25	<u>Respiratory Therapists</u> 💎	\$53,834	20	O*NET
26	<u>Municipal Firefighters</u>	\$28,193	19	O*NET
27	<u>Police Detectives</u>	\$51,164	16	O*NET
28	<u>Critical Care Nurses</u> 💎	\$62,401	11	O*NET
29	<u>Morticians, Undertakers, and Funeral Directors</u>	\$39,922	10	O*NET
30	<u>Nuclear Medicine Technologists</u> 💎	\$68,283	8	SOC4
31	<u>Neurodiagnostic Technologists</u> 💎	\$32,059	6	SOC4
32	<u>Respiratory Therapy Technicians</u>	\$49,339	4	SOC4

Rank	Occupation	Median Wage	Candidates	*Related By
33	Fire Investigators	\$46,449	4	O*NET
34	Forest Firefighters	\$28,193	3	O*NET
35	Orthotists and Prosthetists 🌟	\$69,490	2	SOC4
36	Municipal Fire Fighting and Prevention Supervisors	\$60,200	2	O*NET
37	Histotechnologists and Histologic Technicians 🌟	N/A	1	SOC4
38	Forest Fire Fighting and Prevention Supervisors	\$60,200	1	O*NET
39	Embalmers	\$47,114	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 2018 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 Emergency Medical Technicians and Paramedics 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
Emergency Medical Technicians and Paramedics 🌟	122	129	1.06
Healthcare Practitioners and Technical Occupations	10,407	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 Emergency Medical Technicians and Paramedics 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	Bossier Parish	\$34,254 state level wages	1	46	46.00
2	Grant Parish	\$34,254 state level wages	1	41	41.00

Rank	Area Name	Median Wage	Job Openings	Candidates	Candidates per Job
3	<u>La Salle Parish</u>	\$34,254 state level wages	<u>1</u>	40	40.00
4	<u>St. Martin Parish</u>	\$34,254 state level wages	<u>2</u>	46	23.00
5	<u>Ouachita Parish</u>	\$34,254 state level wages	<u>2</u>	45	22.50
6	<u>Washington Parish</u>	\$34,254 state level wages	<u>2</u>	43	21.50
7	<u>Allen Parish</u>	\$34,254 state level wages	<u>2</u>	42	21.00
8	<u>Vermilion Parish</u>	\$34,254 state level wages	<u>2</u>	42	21.00
9	<u>Richland Parish</u>	\$34,254 state level wages	<u>2</u>	40	20.00
10	<u>St. Tammany Parish</u>	\$34,254 state level wages	<u>5</u>	53	10.60

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 2018 survey.

National Supply and Demand Summary

Emergency Medical Technicians and Paramedics Employment of emergency medical technicians (EMTs) and paramedics is projected to grow 15 percent from 2016 to 2026, much faster than the average for all occupations. Emergencies, such as car crashes, natural disasters, and acts of violence, will continue to require the skills of EMTs and paramedics. The need for volunteer EMTs and paramedics in rural areas and smaller metropolitan areas will also continue.

Growth in the middle-aged and older population will lead to an increase in age-related health emergencies, such as heart attacks and strokes. This increase, in turn, will create greater demand for EMT and paramedic services. An increase in the number of specialized medical facilities will require more EMTs and paramedics to transfer patients with specific conditions to these facilities for treatment.

Job Prospects

Job opportunities should be good because the growing population will require more emergency services generally. There will also be a need to replace workers who leave the occupation due to the high stress nature of the job or to seek job opportunities in other healthcare occupations.

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 Emergency Medical Technicians and Paramedics in Louisiana on November 23, 2020 (Jobs De-duplication Level 2).

Rank	Employer Name	Job Openings
1	Acadian Ambulance Service	<u>34</u>
2	Army National Guard	<u>14</u>
3	East Jefferson General Hospital	<u>10</u>
4	CSL Plasma	<u>9</u>
5	CHRISTUS Health	<u>8</u>
6	HCA Healthcare, Inc.	<u>6</u>
7	Lake Charles Memorial Health System	<u>5</u>
8	CSL Behring	<u>4</u>
9	LCMC Health	<u>4</u>
10	Ochsner Health System	<u>4</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 Emergency Medical Technicians and Paramedics in Louisiana in October, 2020. (Jobs De-duplication Level 1)

Rank	Advertised Detailed Job Skill	Advertised Skill Group	Job Opening Match Count
1	Communicate professionally	Property Manager Skills	<u>58</u>

Rank	Advertised Detailed Job Skill	Advertised Skill Group	Job Opening Match Count
2	Effectively present information	Basic Skills	<u>58</u>
3	Spinal immobilization	Paramedic Skills	<u>42</u>
4	Attention to detail	Basic Skills	<u>20</u>
5	Interpersonal skills	Interpersonal Skills	<u>14</u>
6	Work independently	Basic Skills	<u>7</u>
7	Customer service	Customer Service Skills	<u>7</u>
8	Administers first aid	Registered Nurse (RN) Skills	<u>6</u>
9	Prioritize medical procedures	Physician Skills	<u>6</u>
10	Cardiopulmonary resuscitation	Registered Nurse (RN) Skills	<u>4</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 Emergency Medical Technicians and Paramedics 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	Typewriters	Typewriters	<u>42</u>
2	Restraints	Patient Stabilization/Fall Prevention Devices or Accessories	<u>42</u>
3	Spine boards	Spine Boards	<u>42</u>
4	Spinal Immobilization Equipment	Spine Boards	<u>42</u>
5	Patient restraints	Patient Stabilization/Fall Prevention Devices or Accessories	<u>42</u>
6	Fire Extinguisher	Fire Extinguishers	<u>42</u>
7	Blood Pressure Cuff	Blood Pressure Cuff Kits	<u>42</u>
8	Personal protective equipment	Hazardous Material Protective Apparel	<u>30</u>
9	Glucometer	Glucose Monitors or Meters	<u>23</u>
10	Catheters	Peripheral Intravenous Catheters for General Use	<u>21</u>

Source: Online advertised jobs data

Typical Job Skills

This section shows the job skills that are related to Emergency Medical Technicians and Paramedics.

Rank	Typical Job Skills	Typical Skill Category
1	Treat medical emergencies	Interacting With Others
2	Implement advanced life support techniques	Interacting With Others

Rank	Typical Job Skills	Typical Skill Category
3	Operate diagnostic or therapeutic medical instruments or equipment	Work Output
4	Inform medical professionals regarding patient conditions and care	Interacting With Others
5	Monitor patient progress or responses to treatments	Information Input
6	Record patient medical histories	Work Output
7	Analyze patient data to determine patient needs or treatment goals	Mental Processes
8	Sterilize medical equipment or instruments	Work Output
9	Administer intravenous medications	Interacting With Others
10	Administer non-intravenous medications	Interacting With Others
11	Collaborate with healthcare professionals to plan or provide treatment	Interacting With Others
12	Position patients for treatment or examination	Interacting With Others
13	Maintain inventory of medical supplies or equipment	Interacting With Others
14	Maintain medical equipment or instruments	Work Output
15	Interact with patients to build rapport or provide emotional support	Interacting With Others
16	Maintain medical or professional knowledge	Mental Processes

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 Emergency Medical Technicians and Paramedics. Click on a link in the Personal Skills column to view more detailed information.

Personal Skill	Skill Description	Rank by Importance (Out of 100)
Critical Thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	75
Active Listening	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
Speaking	Talking to others to convey information effectively.	72
Coordination	Adjusting actions in relation to others' actions.	72
Service Orientation	Actively looking for ways to help people.	69
Social Perceptiveness	Being aware of others' reactions and understanding why they react as they do.	69

Personal Skill	Skill Description	Rank by Importance (Out of 100)
<u>Active Learning</u>	Understanding the implications of new information for both current and future problem-solving and decision-making.	66
<u>Complex Problem Solving</u>	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	63
<u>Reading Comprehension</u>	Understanding written sentences and paragraphs in work related documents.	63
<u>Learning Strategies</u>	Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	60
<u>Monitoring</u>	Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.	60
<u>Writing</u>	Communicating effectively in writing as appropriate for the needs of the audience.	60
<u>Operation and Control</u>	Controlling operations of equipment or systems.	56
<u>Judgment and Decision Making</u>	Considering the relative costs and benefits of potential actions to choose the most appropriate one.	56
<u>Operation Monitoring</u>	Watching gauges, dials, or other indicators to make sure a machine is working properly.	53
<u>Instructing</u>	Teaching others how to do something.	53
<u>Science</u>	Using scientific rules and methods to solve problems.	53
<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.	50
<u>Time Management</u>	Managing one's own time and the time of others.	50
<u>Systems Analysis</u>	Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	47
<u>Management of Personnel Resources</u>	Motivating, developing, and directing people as they work, identifying the best people for the job.	47
<u>Persuasion</u>	Persuading others to change their minds or behavior.	44
<u>Negotiation</u>	Bringing others together and trying to reconcile differences.	44
<u>Mathematics</u>	Using mathematics to solve problems.	41
<u>Quality Control Analysis</u>	Conducting tests and inspections of products, services, or processes to evaluate quality or performance.	41

Personal Skill	Skill Description	Rank by Importance (Out of 100)
<u>Equipment Maintenance</u>	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.	38
<u>Troubleshooting</u>	Determining causes of operating errors and deciding what to do about it.	35
<u>Operations Analysis</u>	Analyzing needs and product requirements to create a design.	31
<u>Equipment Selection</u>	Determining the kind of tools and equipment needed to do a job.	28
<u>Management of Material Resources</u>	Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.	25
<u>Management of Financial Resources</u>	Determining how money will be spent to get the work done, and accounting for these expenditures.	19
<u>Repairing</u>	Repairing machines or systems using the needed tools.	19
<u>Technology Design</u>	Generating or adapting equipment and technology to serve user needs.	19
<u>Programming</u>	Writing computer programs for various purposes.	16
<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

Emergency Medical Technicians and Paramedics Emergency Medical Technicians and Paramedics usually require at least a Postsecondary non-degree award. However, not all employers may make this a hiring requirement.

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 Emergency Medical Technicians and Paramedics.

Rank	Required Level of Education	Percentage of Respondents
1	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)	42.57%
2	Some College Courses	29.85%
3	Associate's Degree (or other 2-year degree)	11.75%
4	High School Diploma - or the equivalent (for example, GED)	10.94%
5	Bachelor's Degree	4.89%

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 Emergency Medical Technicians and Paramedics.

Rank	On The Job Training	Percentage of Respondents
1	Anything beyond short demonstration, up to and including 1 month	28.95%
2	Over 1 month, up to and including 3 months	19.67%
3	Over 6 months, up to and including 1 year	14.82%
4	Over 1 year, up to and including 2 years	11.82%
5	Over 3 months, up to and including 6 months	11.33%
6	None or short demonstration	9.34%
7	Over 2 years, up to and including 4 years	4.07%

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-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 Emergency Medical Technicians and Paramedics.

Rank	On-Site or In-Plant Training	Percentage of Respondents
1	Up to and including 1 month	33.60%
2	Over 1 year, up to and including 2 years	18.15%
3	Over 3 months, up to and including 6 months	16.36%
4	None	11.37%
5	Over 6 months, up to and including 1 year	10.98%
6	Over 1 month, up to and including 3 months	9.54%

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 Emergency Medical Technicians and Paramedics in Louisiana on November 23, 2020. There were 90 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	1	0.82%	0	N/A




Rank	Education Level	Job Openings	Percentage of Job Openings	Potential Candidates	Percentage of Potential Candidates
2	Less than High School	0	N/A	2	1.55%
3	High School Diploma or Equivalent	<u>29</u>	23.77%	34	26.36%
4	1 Year of College or a Technical or Vocational School	0	N/A	15	11.63%
5	2 Years of College or a Technical or Vocational School	0	N/A	14	10.85%
6	3 Years of College or a Technical or Vocational School	0	N/A	7	5.43%
7	Vocational School Certificate	<u>1</u>	0.82%	26	20.16%
8	Associate's Degree	<u>1</u>	0.82%	18	13.95%
9	Bachelor's Degree	0	N/A	12	9.30%
10	Master's Degree	0	N/A	1	0.78%
11	Not Specified	<u>90</u>	73.77%	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 Emergency Medical Technicians and Paramedics in Louisiana.

Provider Name	Program Name	Location	Tuition	Length	WIOA Eligible
<u>Baton Rouge Community College</u>	<u>Paramedic Associate of Applied Science</u> An associate degree	Baton Rouge, LA	\$10,553	4 Semesters	
<u>Bossier Parish Community College</u>	<u>Paramedic - Associate Applied Science</u> An associate degree, Employment, A measurable skills gain leading to a credential, A measurable skills gain leading to employment	Bossier City, LA	\$7,942	4 Semesters	

Provider Name	Program Name	Location	Tuition	Length	WIOA Eligible
Bossier Parish Community College	Paramedic - Certificate of Technical Studies An industry-recognized certificate or certification, A community college certificate of completion, Employment, A measurable skills gain leading to a credential	Bossier City, LA	\$5,957	3 Semesters	
Central Louisiana Technical Community College	EMT Basic Workforce Development Training An industry-recognized certificate or certification, A license recognized by the State involved or the Federal Government, A community college certificate of completion	Ferriday, LA	\$975	186 Hours	
Central Louisiana Technical Community College	EMT Basic Workforce Development Training An industry-recognized certificate or certification, A license recognized by the State involved or the Federal Government, A community college certificate of completion	Winnfield, LA	\$975	186 Hours	
Delgado Community College	Emergency Medical Technician-Paramedic - Certificate of Technical Studies	New Orleans, LA	\$4,482	3 Semesters	
Fletcher Technical Community College	E.M.T. BASIC	Schriever, LA	\$950	1 Semesters	

Provider Name	Program Name	Location	Tuition	Length	WIOA Eligible
Louisiana Delta Community College	Paramedic EMT An industry-recognized certificate or certification, A license recognized by the State involved or the Federal Government, An associate degree, Employment, A measurable skills gain leading to a credential, A measurable skills gain leading to employment	West Monroe, LA	\$8,322	104 Weeks	
	EMT Certification Course An industry-recognized certificate or certification, A license recognized by the State involved or the Federal Government, Employment, A measurable skills gain leading to a credential, A measurable skills gain leading to employment				
North Caddo Medical Center	Government, Employment, A measurable skills gain leading to a credential, A measurable skills gain leading to employment	Vivian, LA	\$2,000	192 Hours	
Nunez Community College	Paramedic Associate of Applied Science	CHALMETTE, LA	\$7,179	6 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 Emergency Medical Technicians and Paramedics in Louisiana in October, 2020. (Jobs De-duplication Level 1)

Rank	Advertised Certification Group	Advertised Certification Sub-Category	Job Opening Match Count
1	American Heart Association (AHA) CPR & First Aid Certifications	Nursing	247
2	National Registry of Emergency Medical Technicians (NREMT)	Fire Rescue	207
3	National Association of Emergency Medical Technicians (NAEMT) Certifications	Medical Treatment and Therapy	31

Rank	Advertised Certification Group	Advertised Certification Sub-Category	Job Opening Match Count
4	Nursing Credentials and Certifications	Nursing	<u>22</u>
5	American Red Cross - First Aid Certifications	Nursing	<u>6</u>
6	International Concrete Repair Institute (ICRI) Certifications	Masonry	<u>1</u>

Source: Online advertised jobs data

Training Program Completers

There is no data available for Emergency Medical Technicians and Paramedics in Louisiana.

National Education, Training, Licensing and Qualifications

Emergency Medical Technicians and Paramedics Education

Both a high school diploma or equivalent and cardiopulmonary resuscitation (CPR) certification typically are required for entry into postsecondary educational programs in emergency medical technology. Most of these programs are nondegree award programs that can be completed in less than 1 year; others last up to 2 years. Paramedics, however, may need an associate's degree. Programs in emergency medical technology are offered by technical institutes, community colleges, universities, and facilities that specialize in emergency care training. Some states have EMR positions that do not require national certification. These positions typically require state certification.

The Commission on Accreditation of Allied Health Education Programs offers a list of accredited programs for EMTs and paramedics, by state.

Programs at the EMT level include instruction in assessing patients' conditions, dealing with trauma and cardiac emergencies, clearing obstructed airways, using field equipment, and handling emergencies. Formal courses include about 150 hours of specialized instruction, and some instruction may take place in a hospital or ambulance setting.

Programs at the Advanced EMT level typically require about 400 hours of instruction. At this level, candidates learn EMT-level skills as well as more advanced ones, such as using complex airway devices, intravenous fluids, and some medications.

Paramedics have the most advanced level of education. To enter specific paramedical training programs, they must already be EMT certified. Community colleges and universities may offer these programs, which require about 1,200 hours of instruction and may lead to an associate's or bachelor's degree. Paramedics' broader scope of practice may include stitching wounds or administering intravenous medications.

High school students interested in becoming EMTs or paramedics should take courses in anatomy and physiology and consider becoming certified in CPR.

Licenses, Certifications, and Registrations

The National Registry of Emergency Medical Technicians (NREMT) certifies EMTs and paramedics at the national level. All levels of NREMT certification require completing a certified education program and passing the national exam. The national exam has both written and practical parts. Some states have first-level state certifications that do not require national certification.

All states require EMTs and paramedics to be licensed; requirements vary by state. In most states, an individual who has NREMT certification qualifies for licensure; in others, passing an equivalent state exam is required. Usually, an applicant must be over the age of 18. Many states require background

checks and may not give a license to an applicant who has a criminal history.

Although some emergency medical services hire separate drivers, most EMTs and paramedics take a course requiring about 8 hours of instruction before they can drive an ambulance.

Important Qualities

Compassion. EMTs and paramedics must be able to provide emotional support to patients in an emergency, especially patients who are in life-threatening situations or extreme mental distress.

Interpersonal skills. EMTs and paramedics usually work on teams and must be able to coordinate their activities closely with others in stressful situations.

Listening skills. EMTs and paramedics need to listen to patients to determine the extent of their injuries or illnesses.

Physical strength. EMTs and paramedics need to be physically fit. Their job requires a lot of bending, lifting, and kneeling.

Problem-solving skills. EMTs and paramedics must evaluate patients' symptoms and administer appropriate treatments.

Speaking skills. EMTs and paramedics need to clearly explain procedures to patients, give orders, and relay information to others.

Advancement

EMTs and paramedics may advance into other related healthcare occupations, such as physician assistants and medical assistants, as well as administrative positions in various healthcare settings, such as ambulatory care companies or hospitals.

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

Typical Work Experience Requirements

Emergency Medical Technicians and Paramedics 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 Emergency Medical Technicians and Paramedics.

Rank	Related Work Experience	Percentage of Respondents
1	None	32.51%
2	Over 1 year, up to and including 2 years	17.90%
3	Over 6 months, up to and including 1 year	12.14%
4	Over 1 month, up to and including 3 months	11.73%
5	Over 2 years, up to and including 4 years	9.86%
6	Over 3 months, up to and including 6 months	8.22%

Rank	Related Work Experience	Percentage of Respondents
7	Over 4 years, up to and including 6 years	5.12%
8	Up to and including 1 month	2.52%

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 Emergency Medical Technicians and Paramedics in Louisiana on November 23, 2020. There were 90 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	90	73.77%	0	N/A
2	Entry Level	19	15.57%	0	N/A
3	Less than 1 year	1	0.82%	9	6.98%
4	1 Year to 2 Years	8	6.56%	4	3.10%
5	2 Years to 5 Years	4	3.28%	15	11.63%
6	5 Years to 10 Years	0	N/A	18	13.95%
7	More than 10 Years	0	N/A	83	64.34%

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 Emergency Medical Technicians and Paramedics. 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 Emergency Medical Technicians and Paramedics in 2018.

Rate Type / Statistical Type	Entry level	Median	Experienced
Annual wage or salary	\$23,398	\$34,254	\$43,688
Hourly wage	\$11.25	\$16.47	\$21.00

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 122 job openings advertised online for Emergency Medical Technicians and Paramedics in Louisiana that posted a salary on November 23, 2020.

Rate Type / Statistical Type	Entry Level	Median	Experienced
Annual wage or salary	\$31,000	\$37,159	\$48,119
Hourly Wage	\$14.90	\$17.86	\$23.13

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 Emergency Medical Technicians and Paramedics in Louisiana on November 23, 2020.

Rank	Desired Salary	Potential Candidates	Percentage of Potential Candidates
1	Not Specified	37	28.46%
2	\$5,000 - \$19,999	9	6.92%
3	\$20,000 - \$34,999	46	35.39%
4	\$35,000 - \$49,999	25	19.23%
5	\$50,000 - \$64,999	7	5.39%
6	\$65,000 - \$79,999	2	1.54%
7	\$80,000 - \$94,999	1	0.77%
8	\$95,000 or more	3	2.31%

Source: Individuals with active résumés in the workforce system.

Wage Rates Area Distribution

There is no data available for Emergency Medical Technicians and Paramedics in Louisiana.

Wage Rates in Related Occupations

This section shows a comparison of 2018 median annual rates for occupations that are in the same occupational family as Emergency Medical Technicians and Paramedics for Louisiana.

Rank	Occupation	Median	*Related By
1	<u>Orthotists and Prosthetists</u> 🌟	\$69,490	SOC4
2	<u>Nuclear Medicine Technologists</u> 🌟	\$68,283	SOC4
3	<u>Radiation Therapists</u> 🌟	\$62,549	O*NET
4	<u>Registered Nurses</u> 🌟	\$62,401	O*NET
5	<u>Acute Care Nurses</u> 🌟	\$62,401	O*NET
6	<u>Critical Care Nurses</u> 🌟	\$62,401	O*NET
7	<u>Dental Hygienists</u> 🌟	\$60,558	SOC4

Rank	Occupation	Median	*Related By
8	<u>Municipal Fire Fighting and Prevention Supervisors</u>	\$60,200	O*NET
9	<u>Forest Fire Fighting and Prevention Supervisors</u>	\$60,200	O*NET
10	<u>Diagnostic Medical Sonographers</u> 🌟	\$59,130	O*NET
11	<u>Respiratory Therapists</u> 🌟	\$53,834	O*NET
12	<u>Police Detectives</u>	\$51,164	O*NET
13	<u>Radiologic Technologists</u> 🌟	\$50,605	O*NET
14	<u>Occupational Health and Safety Technicians</u> 🌟 🌿	\$49,926	O*NET
15	<u>Respiratory Therapy Technicians</u>	\$49,339	SOC4
16	<u>Embalmers</u>	\$47,114	O*NET
17	<u>Fire Inspectors</u>	\$46,449	O*NET
18	<u>Fire Investigators</u>	\$46,449	O*NET
19	<u>Police Patrol Officers</u>	\$40,475	O*NET
20	<u>Sheriffs and Deputy Sheriffs</u>	\$40,475	O*NET
21	<u>Morticians, Undertakers, and Funeral Directors</u>	\$39,922	O*NET
22	<u>Surgical Technologists</u> 🌟	\$39,414	O*NET
23	<u>Licensed Practical and Licensed Vocational Nurses</u> 🌟	\$38,808	O*NET
24	<u>Cardiovascular Technologists and Technicians</u> 🌟	\$38,321	O*NET
25	<u>Medical Records and Health Information Technicians</u> 🌟	\$34,980	SOC4
26	<u>Emergency Medical Technicians and Paramedics</u> 🌟	\$34,254	N/A
27	<u>Health Technologists and Technicians, All Other</u> 🌟	\$32,059	SOC4
28	<u>Neurodiagnostic Technologists</u> 🌟	\$32,059	SOC4
29	<u>Radiologic Technicians</u> 🌟	\$32,059	O*NET
30	<u>Pharmacy Technicians</u> 🌟	\$31,473	SOC4
31	<u>Opticians, Dispensing</u> 🌟	\$30,929	SOC4
32	<u>Social and Human Service Assistants</u> 🌟	\$28,269	O*NET
33	<u>Municipal Firefighters</u>	\$28,193	O*NET
34	<u>Forest Firefighters</u>	\$28,193	O*NET
35	<u>Psychiatric Technicians</u> 🌟	\$26,469	O*NET
36	<u>Veterinary Technologists and Technicians</u> 🌟	\$24,796	SOC4
37	<u>Dietetic Technicians</u>	\$22,612	SOC4

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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 Emergency Medical Technicians and Paramedics in Louisiana.

National Earnings Data Summary

Emergency Medical Technicians and Paramedics The median annual wage for EMTs and paramedics was \$32,670 in May 2016. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than \$21,240, and the highest 10 percent earned more than \$56,310.

In May 2016, the median annual wages for EMTs and paramedics in the top industries in which they worked were as follows:

- Hospitals; state, local, and private \$35,390
- Local government, excluding education and hospitals 35,000
- Ambulance services 30,380

Most paid EMTs and paramedics work full time. About 1 in 3 worked more than 40 hours per week in 2016. Because EMTs and paramedics must be available to work in emergencies, they may work overnight and on weekends. Some EMTs and paramedics work shifts in 12- or 24-hour increments. Volunteer EMTs and paramedics have variable work schedules. For example, they may work only a few days per week.

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

Occupational Employment & Future Employment Outlook

This section shows the long term employment projections for Emergency Medical Technicians and Paramedics in Louisiana from 2016-2026.

Occupation	2016 Estimated Employment	2026 Projected Employment	Total 2016- 2026 Employment Change	2016-2026 Annual Avg. Percent Change
Emergency Medical Technicians and Paramedics	Confidential	Confidential	Confidential	Confidential
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 Emergency Medical Technicians and Paramedics in Louisiana by regional labor market area.

Rank	Area	2016 Estimated Employment
1	<u>2nd Regional Labor Market Area, Baton Rouge</u>	746
2	<u>1st Regional Labor Market Area, New Orleans</u>	738
3	<u>8th Regional Labor Market Area, Monroe</u>	367
4	<u>4th Regional Labor Market Area, Lafayette</u>	361
5	<u>7th Regional Labor Market Area, Shreveport</u>	351
6	<u>5th Regional Labor Market Area, Lake Charles</u>	170
7	<u>6th Regional Labor Market Area, Alexandria</u>	145
8	<u>3rd Regional Labor Market Area, Houma</u>	141

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 Emergency Medical Technicians and Paramedics.

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>Police Patrol Officers</u>	10,943	O*NET
6	<u>Sheriffs and Deputy Sheriffs</u>	10,943	O*NET
7	<u>Forest Firefighters</u>	6,750	O*NET
8	<u>Municipal Firefighters</u>	6,750	O*NET
9	<u>Pharmacy Technicians</u> 🔗	6,182	SOC4
10	<u>Social and Human Service Assistants</u> 🔗	3,548	O*NET
11	<u>Medical Records and Health Information Technicians</u> 🔗	2,924	SOC4
12	<u>Radiologic Technologists</u> 🔗	2,806	O*NET
13	<u>Cytogenetic Technologists</u> 🔗	2,759	SOC4
14	<u>Cytotechnologists</u> 🔗	2,759	SOC4

Rank	Occupation	2016 Estimated Employment	*Related By
15	<u>Histotechnologists and Histologic Technicians</u> 🌟	2,759	SOC4
16	<u>Medical and Clinical Laboratory Technologists</u> 🌟	2,759	SOC4
17	<u>Medical and Clinical Laboratory Technicians</u> 🌟	2,586	SOC4
18	<u>Health Technologists and Technicians, All Other</u> 🌟	2,346	SOC4
19	<u>Neurodiagnostic Technologists</u> 🌟	2,346	SOC4
20	<u>Radiologic Technicians</u> 🌟	2,346	O*NET
21	<u>Surgical Technologists</u> 🌟	2,124	O*NET
22	<u>Police Detectives</u>	2,120	O*NET
23	<u>Dental Hygienists</u> 🌟	1,942	SOC4
24	<u>Forest Fire Fighting and Prevention Supervisors</u>	1,724	O*NET
25	<u>Municipal Fire Fighting and Prevention Supervisors</u>	1,724	O*NET
26	<u>Psychiatric Technicians</u> 🌟	1,263	O*NET
27	<u>Opticians, Dispensing</u> 🌟	1,243	SOC4
28	<u>Veterinary Technologists and Technicians</u> 🌟	1,085	SOC4
29	<u>Diagnostic Medical Sonographers</u> 🌟	971	O*NET
30	<u>Cardiovascular Technologists and Technicians</u> 🌟	957	O*NET
31	<u>Occupational Health and Safety Technicians</u> 🌟 🌿	707	O*NET
32	<u>Dietetic Technicians</u>	538	SOC4
33	<u>Respiratory Therapy Technicians</u>	519	SOC4
34	<u>Morticians, Undertakers, and Funeral Directors</u>	487	O*NET
35	<u>Nuclear Medicine Technologists</u> 🌟	439	SOC4
36	<u>Radiation Therapists</u> 🌟	407	O*NET
37	<u>Respiratory Therapists</u> 🌟	188	O*NET
38	<u>Embalmers</u>	145	O*NET
39	<u>Orthotists and Prosthetists</u> 🌟	94	SOC4
*	<u>Emergency Medical Technicians and Paramedics</u> 🌟	Confidential	SOC4
*	<u>Fire Inspectors</u>	Confidential	O*NET
*	<u>Fire Investigators</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 Emergency Medical Technicians and Paramedics in Louisiana from 2016 to 2026.

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Occupation	Total Annual Average Openings	Annual Average Openings Due to Growth	Annual Average Openings Due to Replacement
Emergency Medical Technicians and Paramedics	Confidential	Confidential	Confidential
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 Emergency Medical Technicians and Paramedics in Louisiana by regional labor market area from 2016 to 2026.

Rank	Area	Total Annual Average Openings	
1	<u>1st Regional Labor Market Area, New Orleans</u>	N/A	There is no total annual average openings data available for Emergency Medical Technicians and Paramedics in Louisiana.
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 Emergency Medical Technicians and Paramedics from 2016 to 2026.

Rank	Occupation	Total Annual Average Openings	*Related By
1	<u>Acute Care Nurses</u> 🌟	N/A	O*NET
2	<u>Cardiovascular Technologists and Technicians</u> 🌟	N/A	O*NET
3	<u>Critical Care Nurses</u> 🌟	N/A	O*NET
4	<u>Cytogenetic Technologists</u> 🌟	N/A	SOC4
5	<u>Cytotechnologists</u> 🌟	N/A	SOC4
6	<u>Dental Hygienists</u> 🌟	N/A	SOC4

Rank	Occupation	Total Annual Average Openings	*Related By
7	<u>Diagnostic Medical Sonographers</u> 🌟	N/A	O*NET
8	<u>Dietetic Technicians</u>	N/A	SOC4
9	<u>Embalmers</u>	N/A	O*NET
10	<u>Forest Fire Fighting and Prevention Supervisors</u>	N/A	O*NET
11	<u>Forest Firefighters</u>	N/A	O*NET
12	<u>Health Technologists and Technicians, All Other</u> 🌟	N/A	SOC4
13	<u>Histotechnologists and Histologic Technicians</u> 🌟	N/A	SOC4
14	<u>Licensed Practical and Licensed Vocational Nurses</u> 🌟	N/A	O*NET
15	<u>Medical and Clinical Laboratory Technicians</u> 🌟	N/A	SOC4
16	<u>Medical and Clinical Laboratory Technologists</u> 🌟	N/A	SOC4
17	<u>Medical Records and Health Information Technicians</u> 🌟	N/A	SOC4
18	<u>Morticians, Undertakers, and Funeral Directors</u>	N/A	O*NET
19	<u>Municipal Fire Fighting and Prevention Supervisors</u>	N/A	O*NET
20	<u>Municipal Firefighters</u>	N/A	O*NET
21	<u>Neurodiagnostic Technologists</u> 🌟	N/A	SOC4
22	<u>Nuclear Medicine Technologists</u> 🌟	N/A	SOC4
23	<u>Occupational Health and Safety Technicians</u> 🌟 🌿	N/A	O*NET
24	<u>Opticians, Dispensing</u> 🌟	N/A	SOC4
25	<u>Orthotists and Prosthetists</u> 🌟	N/A	SOC4
26	<u>Pharmacy Technicians</u> 🌟	N/A	SOC4
27	<u>Police Detectives</u>	N/A	O*NET
28	<u>Police Patrol Officers</u>	N/A	O*NET
29	<u>Psychiatric Technicians</u> 🌟	N/A	O*NET
30	<u>Radiation Therapists</u> 🌟	N/A	O*NET
31	<u>Radiologic Technicians</u> 🌟	N/A	O*NET
32	<u>Radiologic Technologists</u> 🌟	N/A	O*NET
33	<u>Registered Nurses</u> 🌟	N/A	O*NET
34	<u>Respiratory Therapists</u> 🌟	N/A	O*NET
35	<u>Respiratory Therapy Technicians</u>	N/A	SOC4
36	<u>Sheriffs and Deputy Sheriffs</u>	N/A	O*NET
37	<u>Social and Human Service Assistants</u> 🌟	N/A	O*NET
38	<u>Surgical Technologists</u> 🌟	N/A	O*NET
39	<u>Veterinary Technologists and Technicians</u> 🌟	N/A	SOC4
*	<u>Emergency Medical Technicians and Paramedics</u> 🌟	Confidential	SOC4
*	<u>Fire Inspectors</u>	Confidential	O*NET
*	<u>Fire Investigators</u>	Confidential	O*NET

* Rank is suppressed for confidential data.

Source: Occupational Employment Projections

Industries by Employment

This section shows the industries that employed the highest number of Emergency Medical Technicians and Paramedics in Louisiana in 2016.

Rank	Industry Title	Estimated Employment	Percent of Total Employment
1	Administrative and Support Services	171	5.66%
*	Self-Employed and Unpaid Family Workers, Primary Job	Confidential	Confidential
*	Crop Production	Confidential	Confidential
*	Water Transportation	Confidential	Confidential
*	Support Activities for Transportation	Confidential	Confidential
*	Motion Picture and Sound Recording Industries	Confidential	Confidential
*	Professional, Scientific, and Technical Services	Confidential	Confidential
*	Ambulatory Health Care Services	Confidential	Confidential
*	Hospitals	Confidential	Confidential
*	Amusement, Gambling, and Recreation Industries	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 Emergency Medical Technicians and Paramedics 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)
Assisting and Caring for Others	Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients.	93
Documenting/Recording Information	Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form.	89
Performing for or Working Directly with the Public	Performing for people or dealing directly with the public. This includes serving customers in restaurants and stores, and receiving clients or guests.	88
Making Decisions and Solving Problems	Analyzing information and evaluating results to choose the best solution and solve problems.	88
Inspecting Equipment, Structures, or Material	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.	86

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<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.	82
<u>Getting Information</u>	Observing, receiving, and otherwise obtaining information from all relevant sources.	81
<u>Updating and Using Relevant Knowledge</u>	Keeping up-to-date technically and applying new knowledge to your job.	81
<u>Identifying Objects, Actions, and Events</u>	Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.	81
<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.	80
<u>Handling and Moving Objects</u>	Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.	78
<u>Monitor Processes, Materials, or Surroundings</u>	Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.	78
<u>Communicating with Supervisors, Peers, or Subordinates</u>	Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.	77
<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.	76
<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.	73
<u>Interpreting the Meaning of Information for Others</u>	Translating or explaining what information means and how it can be used.	73
<u>Establishing and Maintaining Interpersonal Relationships</u>	Developing constructive and cooperative working relationships with others, and maintaining them over time.	73
<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.	72

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<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.	71
<u>Processing Information</u>	Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.	69
<u>Organizing, Planning, and Prioritizing Work</u>	Developing specific goals and plans to prioritize, organize, and accomplish your work.	68
<u>Judging the Qualities of Things, Services, or People</u>	Assessing the value, importance, or quality of things or people.	65
<u>Resolving Conflicts and Negotiating with Others</u>	Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others.	65
<u>Thinking Creatively</u>	Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions.	64
<u>Analyzing Data or Information</u>	Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.	64
<u>Scheduling Work and Activities</u>	Scheduling events, programs, and activities, as well as the work of others.	63
<u>Developing and Building Teams</u>	Encouraging and building mutual trust, respect, and cooperation among team members.	63
<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.	62
<u>Controlling Machines and Processes</u>	Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles).	62
<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.	61
<u>Coordinating the Work and Activities of Others</u>	Getting members of a group to work together to accomplish tasks.	58
<u>Guiding, Directing, and Motivating Subordinates</u>	Providing guidance and direction to subordinates, including setting performance standards and monitoring performance.	57

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
<u>Developing Objectives and Strategies</u>	Establishing long-range objectives and specifying the strategies and actions to achieve them.	57
<u>Repairing and Maintaining Mechanical Equipment</u>	Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.	51
<u>Staffing Organizational Units</u>	Recruiting, interviewing, selecting, hiring, and promoting employees in an organization.	51
<u>Provide Consultation and Advice to Others</u>	Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics.	50
<u>Performing Administrative Activities</u>	Performing day-to-day administrative tasks such as maintaining information files and processing paperwork.	49
<u>Monitoring and Controlling Resources</u>	Monitoring and controlling resources and overseeing the spending of money.	48
<u>Repairing and Maintaining Electronic Equipment</u>	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.	45
<u>Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment</u>	Providing documentation, detailed instructions, drawings, or specifications to tell others about how devices, parts, equipment, or structures are to be fabricated, constructed, assembled, modified, maintained, or used.	45
<u>Selling or Influencing Others</u>	Convincing others to buy merchandise/goods or to otherwise change their minds or actions.	34

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 Emergency Medical Technicians and Paramedics 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)
<u>Administer first aid treatment or life support care to sick or injured persons in prehospital settings.</u>	Core	95
<u>Operate equipment, such as electrocardiograms (EKGs), external defibrillators, or bag valve mask resuscitators, in advanced life support environments.</u>	Core	95

Tasks	Task Description	Rank by Importance (Out of 100)
<u>Perform emergency diagnostic and treatment procedures, such as stomach suction, airway management, or heart monitoring, during ambulance ride.</u>	Core	94
<u>Observe, record, and report to physician the patient's condition or injury, the treatment provided, and reactions to drugs or treatment.</u>	Core	94
<u>Assess nature and extent of illness or injury to establish and prioritize medical procedures.</u>	Core	93
<u>Drive mobile intensive care unit to specified location, following instructions from emergency medical dispatcher.</u>	Core	92
<u>Decontaminate ambulance interior following treatment of patient with infectious disease and report case to proper authorities.</u>	Core	92
<u>Administer drugs, orally or by injection, or perform intravenous procedures under a physician's direction.</u>	Core	92
<u>Coordinate work with other emergency medical team members or police or fire department personnel.</u>	Core	90
<u>Immobilize patient for placement on stretcher and ambulance transport, using backboard or other spinal immobilization device.</u>	Core	90
<u>Maintain vehicles and medical and communication equipment and replenish first aid equipment and supplies.</u>	Core	90
<u>Communicate with dispatchers or treatment center personnel to provide information about situation, to arrange reception of victims, or to receive instructions for further treatment.</u>	Core	88
<u>Coordinate with treatment center personnel to obtain patients' vital statistics and medical history, to determine the circumstances of the emergency, and to administer emergency treatment.</u>	Core	88
<u>Comfort and reassure patients.</u>	Core	87
<u>Attend training classes to maintain certification licensure, keep abreast of new developments in the field, or maintain existing knowledge.</u>	Core	85

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

Emergency Medical Technicians and Paramedics EMTs and paramedics care for sick or injured patients in a prehospital setting.

EMTs and paramedics held about 248,000 jobs in 2016. The largest employers of EMTs and paramedics were as follows:

- Ambulance services 48%
- Local government, excluding education and hospitals 28
- Hospitals; state, local, and private 18

The above percentages exclude volunteer EMTs and paramedics who do not receive pay.

EMTs and paramedics work both indoors and outdoors, in all types of weather. Their work is physically strenuous and can be stressful, sometimes involving life-or-death situations.

Volunteer EMTs and paramedics share many of the same duties as paid EMTs and paramedics. They volunteer for fire departments, providers of emergency medical services, or hospitals. They may respond to only a few calls per month.

Injuries and Illnesses

EMTs and paramedics have one of the highest rates of injuries and illnesses of all occupations. They are required to do considerable kneeling, bending, and lifting while caring for and moving patients. They may be exposed to contagious diseases and viruses, such as hepatitis B and HIV. Sometimes they can be injured by combative patients. These risks can be reduced by following proper safety procedures, such as waiting for police to clear an area in violent situations or wearing gloves while working with a patient.

Work Schedules

Most paid EMTs and paramedics work full time. About 1 in 3 worked more than 40 hours per week in 2016. Because EMTs and paramedics must be available to work in emergencies, they may work overnight and on weekends. Some EMTs and paramedics work shifts in 12- or 24-hour increments. Volunteer EMTs and paramedics have variable work schedules. For example, they may work only a few days per week.

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

Typical Work Conditions

This section shows the most common work conditions required by Emergency Medical Technicians and Paramedics in order of importance.

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?	97
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?	97
Work With Work Group or Team	How important is it to work with others in a group or team in this job?	96
Outdoors, Exposed to Weather	How often does this job require working outdoors, exposed to all weather conditions?	96
Deal With External Customers	How important is it to work with external customers or the public in this job?	95
Face-to-Face Discussions	How often do you have to have face-to-face discussions with individuals or teams in this job?	93

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Responsible for Others' Health and Safety	How much responsibility is there for the health and safety of others in this job?	93
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?	91
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?	90
Consequence of Error	How serious would the result usually be if the worker made a mistake that was not readily correctable?	90
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?	90
In an Enclosed Vehicle or Equipment	How often does this job require working in a closed vehicle or equipment (e.g., car)?	89
Exposed to Disease or Infections	How often does this job require exposure to disease/infections?	89
Freedom to Make Decisions	How much decision making freedom, without supervision, does the job offer?	89
Importance of Being Exact or Accurate	How important is being very exact or highly accurate in performing this job?	88
Telephone	How often do you have telephone conversations in this job?	88
Electronic Mail	How often do you use electronic mail in this job?	87
Coordinate or Lead Others	How important is it to coordinate or lead others in accomplishing work activities in this job?	85
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?	82
Responsibility for Outcomes and Results	How responsible is the worker for work outcomes and results of other workers?	82
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?	78

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
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?	76
Extremely Bright or Inadequate Lighting	How often does this job require working in extremely bright or inadequate lighting conditions?	75
Very Hot or Cold Temperatures	How often does this job require working in very hot (above 90 F degrees) or very cold (below 32 F degrees) temperatures?	75
Exposed to Contaminants	How often does this job require working exposed to contaminants (such as pollutants, gases, dust or odors)?	73
Time Pressure	How often does this job require the worker to meet strict deadlines?	73
Indoors, Not Environmentally Controlled	How often does this job require working indoors in non-controlled environmental conditions (e.g., warehouse without heat)?	69
Indoors, Environmentally Controlled	How often does this job require working indoors in environmentally controlled conditions?	68
Exposed to Hazardous Equipment	How often does this job require exposure to hazardous equipment?	68
Frequency of Conflict Situations	How often are there conflict situations the employee has to face in this job?	64
Letters and Memos	How often does the job require written letters and memos?	61
Outdoors, Under Cover	How often does this job require working outdoors, under cover (e.g., structure with roof but no walls)?	61
Level of Competition	To what extent does this job require the worker to compete or to be aware of competitive pressures?	60
Cramped Work Space, Awkward Positions	How often does this job require working in cramped work spaces that requires getting into awkward positions?	60
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?	59
Spend Time Bending or Twisting the Body	How much does this job require bending or twisting your body?	56
Deal With Physically Aggressive People	How frequently does this job require the worker to deal with physical aggression of violent individuals?	54

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Exposed to Minor Burns, Cuts, Bites, or Stings	How often does this job require exposure to minor burns, cuts, bites, or stings?	53
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?	50
Exposed to Hazardous Conditions	How often does this job require exposure to hazardous conditions?	49
Spend Time Walking and Running	How much does this job require walking and running?	49
Spend Time Standing	How much does this job require standing?	48
Spend Time Sitting	How much does this job require sitting?	48
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?	46
Spend Time Kneeling, Crouching, Stooping, or Crawling	How much does this job require kneeling, crouching, stooping or crawling?	42
Spend Time Making Repetitive Motions	How much does this job require making repetitive motions?	38
Exposed to High Places	How often does this job require exposure to high places?	38
Public Speaking	How often do you have to perform public speaking in this job?	37
Spend Time Keeping or Regaining Balance	How much does this job require keeping or regaining your balance?	33
Degree of Automation	How automated is the 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

Work Value	Work Value Description	Rank By Extent (Out of 100)
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.	72
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.	50
Independence	Occupations that satisfy this work value allow employees to work on their own and make decisions. Corresponding needs are Creativity, Responsibility and Autonomy.	50
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.	47

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 Emergency Medical Technicians and Paramedics.

Detailed Tool	Tool Group
Ambulances	Ambulances
Infusion sets	Analgesic infusion sets or kits
Medical anti-shock trousers MAST	Anti shock garments
Pneumatic anti-shock garments PASG	Anti shock garments
Endotracheal ET tube holddown devices	Artificial airway holders
Semiautomated or automatic external defibrillators AED	Automated external defibrillators AED or hard paddles
Venoject needles	Blood collection needle
Blood pressure recorders	Blood pressure recording units
Bulletproof vests	Bullet proof vests
Scalp vein needles	Butterfly needles
Portable cardiac monitors	Cardiac output CO monitoring units or accessories
External pacers	Cardiac pacemaker generator or cardiac resynchronization therapy pacemaker CRT-P

Detailed Tool	Tool Group
Pocket masks with one-way valves	Cardiopulmonary resuscitation CPR protective shields or masks
Pleural decompression kits	Chest tube kit
Desktop computers	Desktop computers
Telemetry units	Electrocardiography EKG transmitter or telemetry or accessories
Electrocardiography EKG units	Electrocardiography EKG units
Intraosseous kits	Emergency medical service intravenous IV kit
Emergency medical services cervical collars	Emergency medical services cervical or extrication collars
Head immobilization devices	Emergency medical services head immobilizers
Obstetrical OB kits	Emergency medical services obstetrics kits
Airway suction units	Emergency medical services suction units or accessories
Battery-powered portable suction units	Emergency medical services suction units or accessories
Fixed-suction equipment	Emergency medical services suction units or accessories
Tourniquets	Emergency medical services tourniquets or clamps
Cricothyrotomy kits	Emergency medical services tracheal tube or cricothyrotomy kits
Triage tags	Emergency medical services triage tags
Multi-level wheeled cots	Emergency response litters or stretchers or accessories
Stair chairs	Emergency response litters or stretchers or accessories
Stretchers	Emergency response litters or stretchers or accessories
Resuscitation devices	Emergency resuscitator or aspirator kits
Endotracheal ET tubes	Endotracheal tubes
Esophageal tracheal airway devices	Esophageal tubes
Limb restraints	Extremity restraints
Ring cutters	Finger ring removers
Wall-mounted oxygen regulators	Flow sensors or regulators or components
Center punches/glass hammers	Glass cutters
Glucometers	Glucose monitors or meters
Hacksaws	Hacksaw
Epi-pens	Hypodermic injection apparatus or accessories
Preload syringes	Hypodermic injection apparatus or accessories
Needles	Hypodermic needle
Intravenous IV pressure infusers	Intravenous infusion pumps for general use
Intravenous IV pumps	Intravenous infusion pumps for general use
Long arm boards	Intravenous or arterial arm boards
Short arm boards	Intravenous or arterial arm boards
Intravenous IV cannulas	Intravenous or arterial cannulas or accessories
Saline locks	Intravenous or arterial tubing adapters or connectors or locks or caps or protectors

Detailed Tool	Tool Group
Adult Magill forceps	Intubation forceps
Esophageal intubation detection devices	Intubation gauges or guides
Adult stylets	Intubation stylets
Curved adult blades	Laryngoscopes or accessories
Curved pediatric blades	Laryngoscopes or accessories
Laryngoscopes	Laryngoscopes or accessories
Straight adult blades	Laryngoscopes or accessories
Straight pediatric blades	Laryngoscopes or accessories
Mechanical stethoscopes	Medical acoustic stethoscope or accessory
Bulb syringes	Medical aspiration or irrigation syringes
Fixed-oxygen equipment	Medical gas cylinders or related devices
Portable oxygen equipment	Medical gas cylinders or related devices
Oxygen nasal cannulae	Medical nasal cannulae
Adult non-rebreather oxygen masks	Medical oxygen masks or parts
Child oxygen masks	Medical oxygen masks or parts
Infant oxygen masks	Medical oxygen masks or parts
Medical suction catheters	Medical suction cannulas or tubes or accessories
Suction tubing	Medical suction cannulas or tubes or accessories
Syringes	Medical syringe without needle
Monitors	Multiparameter vital sign unit or accessories
Nasopharyngeal airways	Nasopharyngeal tubes
Nebulizers	Nebulizer or accessories
Interlink syringe cannulas	Needleless intravenous injection syringe set or injection cannula
Vial access cannulas	Needleless vial or bag withdrawal cannulas or adapters or decanters
Blood tubes	Non vacuum blood collection tubes or containers
Notebook computers	Notebook computers
Cardboard splints	Orthopedic splint systems
Rigid splints	Orthopedic splint systems
Splints	Orthopedic splint systems
Transtracheal jet insufflators	Oxygen insufflator or its accessories
Patient CO2 monitors	Patient carbon dioxide detectors
Patient restraints	Patient stabilization or fall prevention devices or accessories
Catheters	Peripheral intravenous catheters for general use
Personal digital assistants PDA	Personal digital assistant PDAs or organizers
Oropharyngeal airways	Pharyngeal airways or airways kits
Pry bars	Pry bars
Oximeters	Pulse oximeter units

Detailed Tool	Tool Group
Meconium aspirators	Respiratory aspirator products or accessories
Straitjacket	Restraint vests and jackets
Bag valve mask BVM resuscitators	Resuscitation masks or accessories
Valve mask resuscitators	Resuscitation masks or accessories
Sledgehammers	Sledge hammer
Extrication devices	Spine boards
Full-spine immobilization devices	Spine boards
Half-spine immobilization devices	Spine boards
Spinal immobilization equipment	Spine boards
Scalpels	Surgical scalpels or knives or blades or trephines or accessories
Restraint belts	Torso and belt restraints
Lower extremity traction devices with ankle hitches	Traction splint sets
Traction splints	Traction splint sets
Two way radios	Two way radios
Chock blocks	Wheel chocks

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 Emergency Medical Technicians and Paramedics.

Detailed Technology	Technology Group
Epocrates	Information retrieval or search software
HyperTox	Information retrieval or search software
Informed EMS Field Guide	Information retrieval or search software
Iterum eMedic	Information retrieval or search software
Medical Wizards ER & ICU ToolBox	Information retrieval or search software
Medical Wizards ER Suite	Information retrieval or search software
Medical Wizards Paramedics ToolBox	Information retrieval or search software
Mosby's Drug Consult	Information retrieval or search software
Palmtree EMS Field Reference Guide	Information retrieval or search software
Palmtree Pocket EKG	Information retrieval or search software

Detailed Technology	Technology Group
PEPID EMS	Information retrieval or search software
Skyscape	Information retrieval or search software
Skyscape Rosen and Barkin's 5-Minute Emergency Medicine Consult	Information retrieval or search software
TechOnSoftware HazMatCE Pro	Information retrieval or search software
MedDataSolutions Regist*r	Medical software
MEDITECH software	Medical software
Microsoft Office	Office suite software
Microsoft operating system	Operating system software
Microsoft PowerPoint	Presentation software
Microsoft Excel	Spreadsheet software
Microsoft Word	Word processing 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 Emergency Medical Technicians and Paramedics 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
Paramedic (EMT) .

Source: Louisiana Workforce Commission, Labor Market Information Program

Typical Knowledge Categories

This section shows the most common knowledge categories required by Emergency Medical Technicians and Paramedics 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)
Customer and Personal Service	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.	88
Medicine and Dentistry	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.	85

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
<u>English Language</u>	Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.	84
<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.	84
<u>Mathematics</u>	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.	67
<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.	66
<u>Biology</u>	Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.	61
<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.	59
<u>Telecommunications</u>	Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.	58
<u>Law and Government</u>	Knowledge of laws, legal codes, court procedures, precedents, government regulations, executive orders, agency rules, and the democratic political process.	56
<u>Clerical</u>	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.	54
<u>Therapy and Counseling</u>	Knowledge of principles, methods, and procedures for diagnosis, treatment, and rehabilitation of physical and mental dysfunctions, and for career counseling and guidance.	54
<u>Chemistry</u>	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.	53

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
<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.	48
<u>Mechanical</u>	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.	48
<u>Computers and Electronics</u>	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.	47
<u>Geography</u>	Knowledge of principles and methods for describing the features of land, sea, and air masses, including their physical characteristics, locations, interrelationships, and distribution of plant, animal, and human life.	47
<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.	44
<u>Building and Construction</u>	Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.	38
<u>Sociology and Anthropology</u>	Knowledge of group behavior and dynamics, societal trends and influences, human migrations, ethnicity, cultures and their history and origins.	37
<u>Physics</u>	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.	36
<u>Foreign Language</u>	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.	28
<u>Philosophy and Theology</u>	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.	28
<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.	27

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
Economics and Accounting	Knowledge of economic and accounting principles and practices, the financial markets, banking and the analysis and reporting of financial data.	25
Design	Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.	23
Production and Processing	Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.	23
Sales and Marketing	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.	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.

Typical Work Abilities Required

This section shows the results of a national survey listing the most common work abilities required by Emergency Medical Technicians and Paramedics 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)
Problem Sensitivity	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.	78
Deductive Reasoning	The ability to apply general rules to specific problems to produce answers that make sense.	75
Inductive Reasoning	The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).	75
Oral Comprehension	The ability to listen to and understand information and ideas presented through spoken words and sentences.	75
Oral Expression	The ability to communicate information and ideas in speaking so others will understand.	75
Speech Clarity	The ability to speak clearly so others can understand you.	72
Speech Recognition	The ability to identify and understand the speech of another person.	72
Arm-Hand Steadiness	The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.	66

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<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).	66
<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.	66
<u>Near Vision</u>	The ability to see details at close range (within a few feet of the observer).	66
<u>Far Vision</u>	The ability to see details at a distance.	63
<u>Written Comprehension</u>	The ability to read and understand information and ideas presented in writing.	63
<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.	60
<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.	60
<u>Category Flexibility</u>	The ability to generate or use different sets of rules for combining or grouping things in different ways.	56
<u>Control Precision</u>	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.	56
<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.	56
<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.	56
<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.	56
<u>Selective Attention</u>	The ability to concentrate on a task over a period of time without being distracted.	56
<u>Written Expression</u>	The ability to communicate information and ideas in writing so others will understand.	56
<u>Reaction Time</u>	The ability to quickly respond (with the hand, finger, or foot) to a signal (sound, light, picture) when it appears.	53
<u>Speed of Closure</u>	The ability to quickly make sense of, combine, and organize information into meaningful patterns.	53

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.	53
<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).	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>Auditory Attention</u>	The ability to focus on a single source of sound in the presence of other distracting sounds.	50
<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.	50
<u>Extent Flexibility</u>	The ability to bend, stretch, twist, or reach with your body, arms, and/or legs.	50
<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).	50
<u>Memorization</u>	The ability to remember information such as words, numbers, pictures, and procedures.	50
<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.	50
<u>Visual Color Discrimination</u>	The ability to match or detect differences between colors, including shades of color and brightness.	50
<u>Visualization</u>	The ability to imagine how something will look after it is moved around or when its parts are moved or rearranged.	50
<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.	44
<u>Stamina</u>	The ability to exert yourself physically over long periods of time without getting winded or out of breath.	44
<u>Mathematical Reasoning</u>	The ability to choose the right mathematical methods or formulas to solve a problem.	41
<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.	41
<u>Speed of Limb Movement</u>	The ability to quickly move the arms and legs.	41
<u>Gross Body Equilibrium</u>	The ability to keep or regain your body balance or stay upright when in an unstable position.	38
<u>Hearing Sensitivity</u>	The ability to detect or tell the differences between sounds that vary in pitch and loudness.	38
<u>Number Facility</u>	The ability to add, subtract, multiply, or divide quickly and correctly.	38

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<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.	35
<u>Glare Sensitivity</u>	The ability to see objects in the presence of glare or bright lighting.	35
<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.	35
<u>Wrist-Finger Speed</u>	The ability to make fast, simple, repeated movements of the fingers, hands, and wrists.	35
<u>Peripheral Vision</u>	The ability to see objects or movement of objects to one's side when the eyes are looking ahead.	28
<u>Sound Localization</u>	The ability to tell the direction from which a sound originated.	28
<u>Dynamic Strength</u>	The ability to exert muscle force repeatedly or continuously over time. This involves muscular endurance and resistance to muscle fatigue.	25
<u>Night Vision</u>	The ability to see under low light conditions.	25
<u>Dynamic Flexibility</u>	The ability to quickly and repeatedly bend, stretch, twist, or reach out with your body, arms, and/or legs.	16

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 Emergency Medical Technicians and Paramedics in order of importance.

Work Interest	Work Interest Description	Rank by Importance (Out of 100)
Social	Social occupations frequently involve working with, communicating with, and teaching people. These occupations often involve helping or providing service to others.	89
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.	61
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.	56

Work Interest	Work Interest Description	Rank by Importance (Out of 100)
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.	50
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.	28

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 Emergency Medical Technicians and Paramedics 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)
Concern for Others	Job requires being sensitive to others' needs and feelings and being understanding and helpful on the job.	93
Stress Tolerance	Job requires accepting criticism and dealing calmly and effectively with high stress situations.	92
Self Control	Job requires maintaining composure, keeping emotions in check, controlling anger, and avoiding aggressive behavior, even in very difficult situations.	92
Integrity	Job requires being honest and ethical.	92
Dependability	Job requires being reliable, responsible, and dependable, and fulfilling obligations.	91
Adaptability/Flexibility	Job requires being open to change (positive or negative) and to considerable variety in the workplace.	89
Cooperation	Job requires being pleasant with others on the job and displaying a good-natured, cooperative attitude.	89
Leadership	Job requires a willingness to lead, take charge, and offer opinions and direction.	85
Attention to Detail	Job requires being careful about detail and thorough in completing work tasks.	85
Initiative	Job requires a willingness to take on responsibilities and challenges.	84
Social Orientation	Job requires preferring to work with others rather than alone, and being personally connected with others on the job.	83

Work Style	Work Style Description	Rank by Importance (Out of 100)
Persistence	Job requires persistence in the face of obstacles.	82
Analytical Thinking	Job requires analyzing information and using logic to address work-related issues and problems.	80
Independence	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.	78
Achievement/Effort	Job requires establishing and maintaining personally challenging achievement goals and exerting effort toward mastering tasks.	71
Innovation	Job requires creativity and alternative thinking to develop new ideas for and answers to work-related problems.	68

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 Occupations

This section shows a list of occupations related to Emergency Medical Technicians and Paramedics. Click an occupation title to see more information about that occupation.

Rank	Related Occupations	Duties	*Related By
1	Cytogenetic Technologists ✦	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	Cytotechnologists ✦	Stain, mount, and study cells to detect evidence of cancer, hormonal abnormalities, and other pathological conditions following established standards and practices.	SOC4
3	Dental Hygienists ✦	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.	SOC4
4	Dietetic Technicians	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
5	Health Technologists and Technicians, All Other ✦	All health technologists and technicians not listed separately.	SOC4
6	Histotechnologists and Histologic Technicians ✦	Prepare histologic slides from tissue sections for microscopic examination and diagnosis by pathologists. May assist in research studies.	SOC4
7	Medical and Clinical Laboratory Technicians ✦	Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist.	SOC4

Rank	Related Occupations	Duties	*Related By
8	<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
9	<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
10	<u>Neurodiagnostic Technologists</u> 🌟	Conduct electroneurodiagnostic (END) tests such as electroencephalograms, evoked potentials, polysomnograms, or electronystagmograms. May perform nerve conduction studies.	SOC4
11	<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.	SOC4
12	<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
13	<u>Orthotists and Prosthetists</u> 🌟	Design, measure, fit, and adapt orthopedic braces, appliances or prostheses, such as limbs or facial parts for patients with disabling conditions.	SOC4
14	<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
15	<u>Respiratory Therapy Technicians</u>	Provide respiratory care under the direction of respiratory therapists and physicians.	SOC4
16	<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.	SOC4

Rank	Related Occupations	Duties	*Related By
17	<u>Fire Inspectors</u>	Inspect buildings and equipment to detect fire hazards and enforce state and local regulations.	O*NET
18	<u>Fire Investigators</u>	Conduct investigations to determine causes of fires and explosions.	O*NET
19	<u>Forest Fire Fighting and Prevention Supervisors</u>	Supervise fire fighters who control and suppress fires in forests or vacant public land.	O*NET
20	<u>Forest Firefighters</u>	Control and suppress fires in forests or vacant public land.	O*NET
21	<u>Municipal Fire Fighting and Prevention Supervisors</u>	Supervise fire fighters who control and extinguish municipal fires, protect life and property, and conduct rescue efforts.	O*NET
22	<u>Municipal Firefighters</u>	Control and extinguish municipal fires, protect life and property and conduct rescue efforts.	O*NET
23	<u>Police Detectives</u>	Conduct investigations to prevent crimes or solve criminal cases.	O*NET
24	<u>Police Patrol Officers</u>	Patrol assigned area to enforce laws and ordinances, regulate traffic, control crowds, prevent crime, and arrest violators.	O*NET
25	<u>Sheriffs and Deputy Sheriffs</u>	Enforce law and order in rural or unincorporated districts or serve legal processes of courts. May patrol courthouse, guard court or grand jury, or escort defendants.	O*NET
26	<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
27	<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
28	<u>Critical Care Nurses</u> 🌟	Provide advanced nursing care for patients in critical or coronary care units.	O*NET
29	<u>Diagnostic Medical Sonographers</u> 🌟	Produce ultrasonic recordings of internal organs for use by physicians.	O*NET
30	<u>Embalmers</u>	Prepare bodies for interment in conformity with legal requirements.	O*NET
31	<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
32	<u>Morticians, Undertakers, and Funeral Directors</u>	Perform various tasks to arrange and direct funeral services, such as coordinating transportation of body to mortuary, interviewing family or other authorized person to arrange details, selecting pallbearers, aiding with the selection of officials for religious rites, and providing transportation for mourners.	O*NET

Rank	Related Occupations	Duties	*Related By
33	<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
34	<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.	O*NET
35	<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
36	<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
37	<u>Radiologic Technologists</u> 🌟	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.	O*NET
38	<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
39	<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
40	<u>Social and Human Service Assistants</u> 🌟	Assist in providing client services in a wide variety of fields, such as psychology, rehabilitation, or social work, including support for families. May assist clients in identifying and obtaining available benefits and social and community services. May assist social workers with developing, organizing, and conducting programs to prevent and resolve problems relevant to substance abuse, human relationships, rehabilitation, or dependent care.	O*NET

Rank	Related Occupations	Duties	*Related By
41	<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

🌟 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.

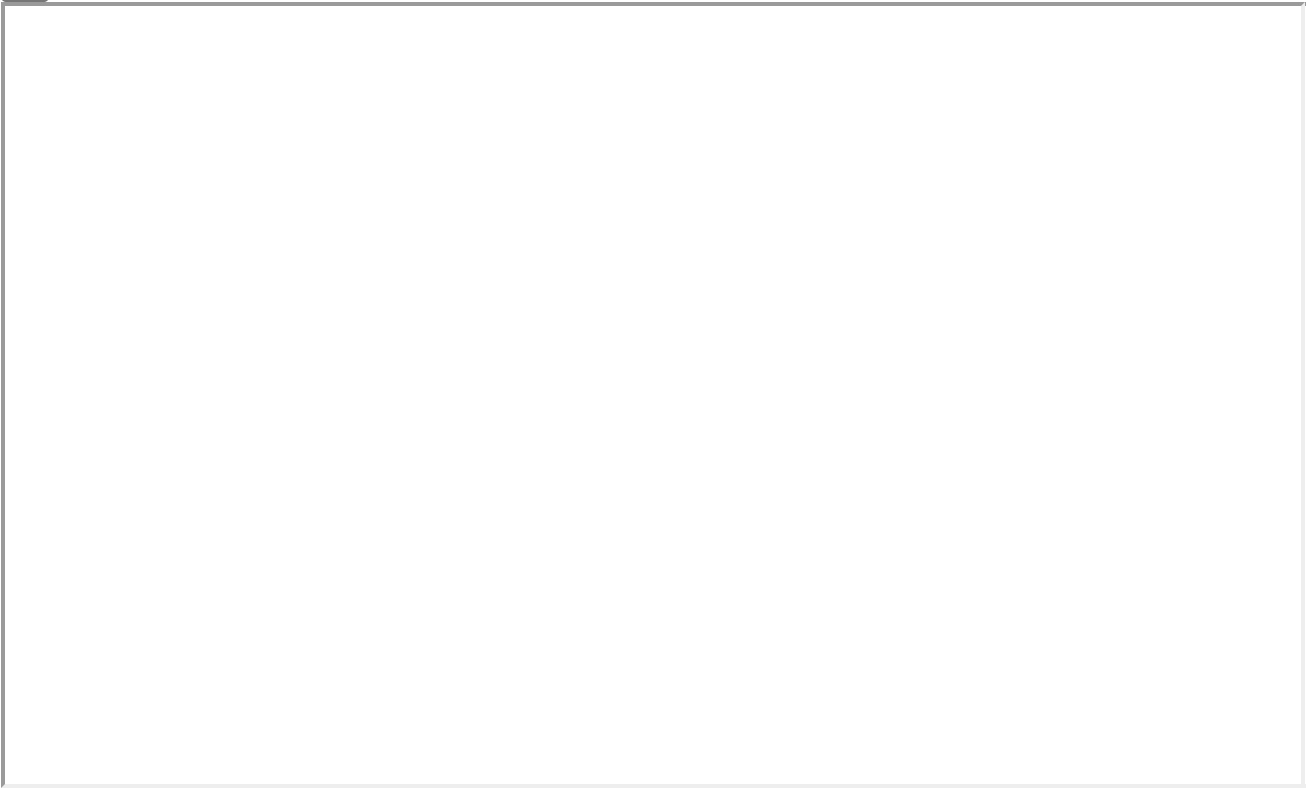
Career Ladder

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

Occupation Title	Number of Individuals that Moved	Percentage of Individuals that Moved
<u>Medical Assistants</u> 🌟	23	15.23%
<u>Occupational Health and Safety Specialists</u> 🌿	19	12.58%
<u>Security Guards</u> 🌟	17	11.26%
<u>Ambulance Drivers and Attendants, Except Emergency Medical Technicians</u> 🌟	16	10.60%
<u>Waiters and Waitresses</u> 🌟	15	9.93%
<u>Driver/Sales Workers</u>	14	9.27%
<u>Nursing Assistants</u> 🌟	13	8.61%
<u>Retail Salespersons</u> 🌟	12	7.95%
<u>Cashiers</u> 🌟	11	7.28%
<u>Heavy and Tractor-Trailer Truck Drivers</u> 🌟🌿	11	7.28%

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Source: Individuals with active résumés in the workforce system.



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