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# First-Line Supervisors of Construction...

Louisiana

### **Summary of Job Duties**

**First-Line Supervisors of Construction Trades and Extraction Workers** <u>Video</u> - Directly supervise and coordinate activities of construction or extraction workers.

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**

**First-Line Supervisors of Construction Trades and Extraction Workers** There is no data available for First-Line Supervisors of Construction Trades and Extraction Workers.

#### Job Zone

The section below shows the job zone information for First-Line Supervisors of Construction Trades and Extraction Workers. 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 First-Line Supervisors of Construction Trades and Extraction Workers and for the related occupational group of Construction and Extraction Occupations on November 23, 2020 (Jobs De-duplication Level <u>2</u>).

Occupation	Job Openings
First-Line Supervisors of Construction Trades and Extraction Workers	<u>23</u>
Construction and Extraction Occupations	<u>735</u>

\* BRIGHT OUTLOOK NATIONALLY

Source: Online advertised jobs data

### **Monthly Job Count**

This section shows the number of job openings advertised online for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana October, 2020 (Jobs De-duplication Level 2).

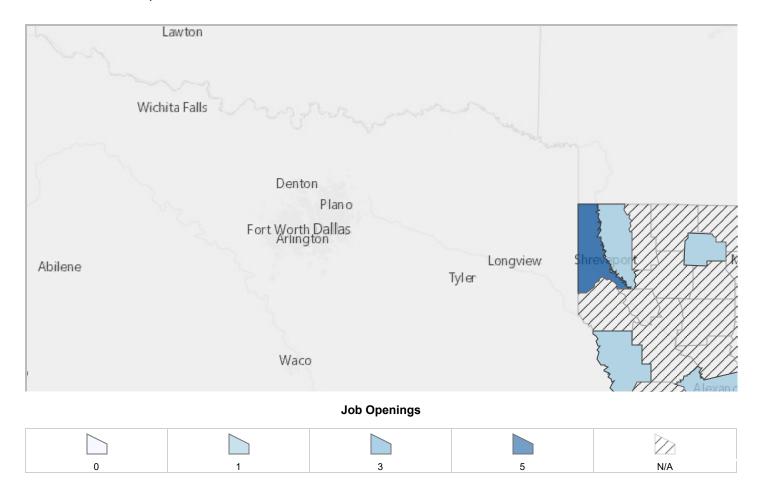
Occupation	Job Openings
First-Line Supervisors of Construction Trades and Extraction Workers	45

**BRIGHT OUTLOOK NATIONALLY** 

Source: Online advertised jobs data

#### Jobs Area Distribution

This section shows the distribution of number of job openings advertised online for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana by parishes on November 23, 2020 (Jobs De-duplication Level <u>2</u>).



Job Source: Online advertised jobs data

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

# **Jobs in Related Occupations**

This section shows the number of job openings advertised online in Louisiana for occupations related to First-Line Supervisors of Construction Trades and Extraction Workers on November 23, 2020 (Jobs De-duplication Level  $\underline{2}$ ).

Rank	Occupation	Median Wage	Job Openings	*Related By
1	Food Service Managers	\$60,074	<u>179</u>	O*NET
2	First-Line Supervisors of Production and Operating Workers	\$68,338	<u>153</u>	O*NET
3	Maintenance and Repair Workers, General	\$35,576	<u>109</u>	O*NET
4	Plumbers • •	\$55,149	<u>75</u>	O*NET
5	First-Line Supervisors of Mechanics, Installers, and Repairers	\$63,535	<u>65</u>	O*NET
6	Pipe Fitters and Steamfitters • •	\$55,149	<u>37</u>	O*NET
7	Police Patrol Officers	\$41,301	<u>32</u>	O*NET
8	Construction Managers • •	\$90,946	<u>26</u>	O*NET
9	First-Line Supervisors of Construction Trades and Extraction Workers	\$62,378	<u>23</u>	N/A
10	Storage and Distribution Managers	\$78,879	<u>20</u>	O*NET
11	<u>Surveyors</u>	\$60,435	<u>12</u>	O*NET
12	Surveying Technicians	\$37,697	<u>12</u>	O*NET
13	Coaches and Scouts	\$34,479	<u>12</u>	O*NET
14	Sheriffs and Deputy Sheriffs	\$41,301	<u>12</u>	O*NET
15	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	N/A	<u>11</u>	O*NET
16	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	N/A	<u>9</u>	O*NET
17	Correctional Officers and Jailers	\$34,147	<u>8</u>	O*NET
18	Ship and Boat Captains	\$96,513	<u>8</u>	O*NET
19	Industrial Production Managers •	\$112,096	<u>4</u>	O*NET
20	Municipal Firefighters	\$28,144	<u>4</u>	O*NET
21	Criminal Investigators and Special Agents	\$51,914	<u>4</u>	O*NET
22	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	\$40,222	4	O*NET
23	Manufactured Building and Mobile Home Installers	N/A	<u>4</u>	O*NET
24	Ship Engineers	\$75,879	<u>4</u>	O*NET
25	Gaming Managers •	\$69,033	<u>3</u>	O*NET
26	Explosives Workers, Ordnance Handling Experts, and Blasters	N/A	<u>3</u>	O*NET
27	Athletes and Sports Competitors	Confidential	<u>2</u>	O*NET

Rank	Occupation	Median Wage	Job Openings	*Related By
28	Municipal Fire Fighting and Prevention Supervisors	\$55,974	<u>2</u>	O*NET
29	First-Line Supervisors of Personal Service Workers	N/A	<u>2</u>	O*NET
30	<u>Aquacultural Managers</u>	\$74,225	<u>1</u>	O*NET
31	Government Property Inspectors and Investigators	\$59,388	1	O*NET
32	Police Detectives	\$51,914	<u>1</u>	O*NET
33	First-Line Supervisors of Animal Husbandry and Animal Care Workers	\$57,352	1	O*NET

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Job Source: Online advertised jobs data

Wage Source: Labor Market Statistics, Occupational Employment Statistics Program
The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Data is from a 2019 survey.
\*Related By: O\*NET™ - The Occupational Information Network. O\*NET is a registered trademark of the US Department of Labor/Employment and Training Administration.

#### **Candidates Available**

This section shows potential candidates in the workforce system in Louisiana for First-Line Supervisors of Construction Trades and Extraction Workers and for the related occupational group of Construction and Extraction Occupations on November 23, 2020.

Occupation	Candidates
First-Line Supervisors of Construction Trades and Extraction Workers	787
Construction and Extraction Occupations	26,247

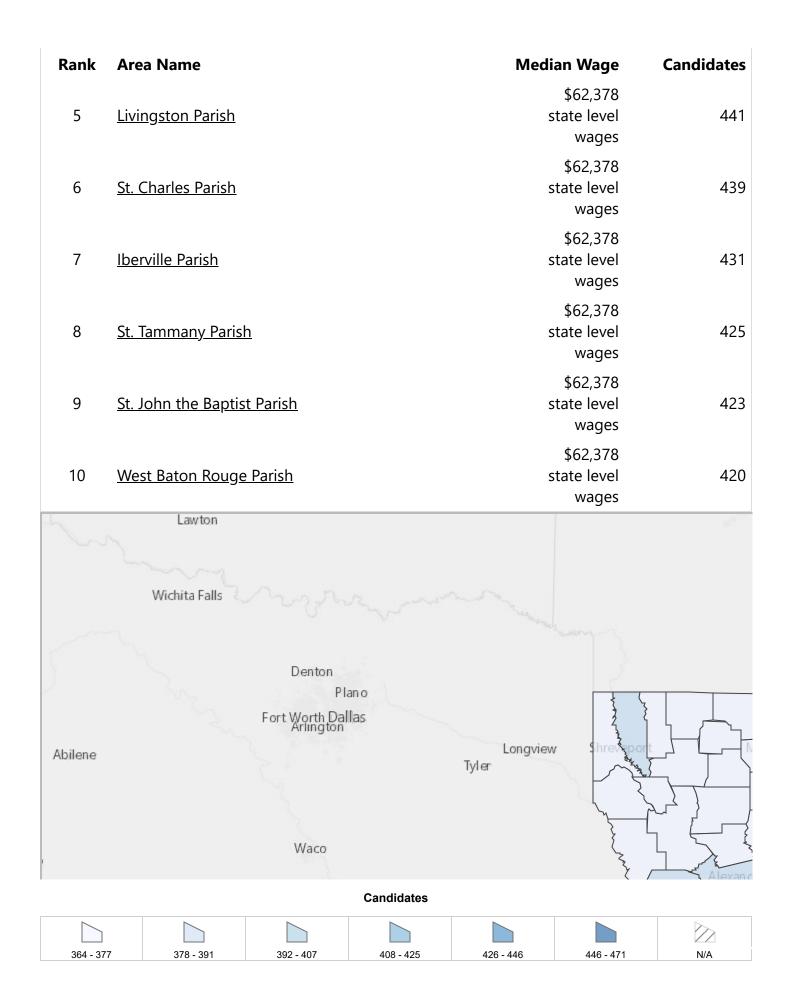
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Source: Individuals with active résumés in the workforce system.

#### **Candidate Area Distribution**

This section shows the distribution of potential candidates in the workforce system for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana by parishes on November 23, 2020.

Rank	Area Name	Median Wage	Candidates
1	East Baton Rouge Parish	\$62,378 state level wages	471
2	Orleans Parish	\$62,378 state level wages	470
3	<u>Jefferson Parish</u>	\$62,378 state level wages	461
4	Ascension Parish	\$62,378 state level wages	446



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

Wage Source: Labor Market Statistics, Occupational Employment Statistics Program

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

# **Candidates in Related Occupations**

This section shows how many potential candidates in the workforce system were looking for work in Louisiana in occupations related to First-Line Supervisors of Construction Trades and Extraction Workers on November 23, 2020.

Rank	Occupation	Median Wage	Candidates	*Related By
1	Maintenance and Repair Workers, General	\$35,576	1,759	O*NET
2	Pipe Fitters and Steamfitters • •	\$55,149	1,365	O*NET
3	Food Service Managers	\$60,074	930	O*NET
4	First-Line Supervisors of Production and Operating Workers	\$68,338	894	O*NET
5	Construction Managers ◆ ≠	\$90,946	809	O*NET
6	First-Line Supervisors of Construction Trades and Extraction Workers	\$62,378	787	N/A
7	Correctional Officers and Jailers	\$34,147	510	O*NET
8	<u>First-Line Supervisors of Helpers, Laborers,</u> <u>and Material Movers, Hand</u>	N/A	421	O*NET
9	First-Line Supervisors of Mechanics, Installers, and Repairers	\$63,535	327	O*NET
10	Ship and Boat Captains	\$96,513	186	O*NET
11	Commercial Divers	\$43,960	169	O*NET
12	<u>Plumbers</u>	\$55,149	159	O*NET
13	Police Patrol Officers	\$41,301	155	O*NET
14	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	N/A	147	O*NET
15	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	\$40,222	142	O*NET
16	Storage and Distribution Managers •	\$78,879	120	O*NET
17	Industrial Production Managers •	\$112,096	102	O*NET
18	First-Line Supervisors of Personal Service Workers	N/A	102	O*NET
19	Surveying Technicians	\$37,697	81	O*NET
20	Coaches and Scouts	\$34,479	77	O*NET
21	<u>Surveyors</u>	\$60,435	67	O*NET
22	Criminal Investigators and Special Agents	\$51,914	55	O*NET
23	Gaming Managers >	\$69,033	46	O*NET
24	Explosives Workers, Ordnance Handling Experts, and Blasters	N/A	45	O*NET
25	Athletes and Sports Competitors	Confidential	43	O*NET
26	First-Line Supervisors of Correctional Officers	\$52,445	36	O*NET
27	Sheriffs and Deputy Sheriffs	\$41,301	35	O*NET
28	Aircraft Cargo Handling Supervisors	N/A	27	O*NET
29	Forest and Conservation Workers •	\$36,796	26	O*NET
30	Government Property Inspectors and Investigators	\$59,388	24	O*NET

Rank	Occupation	Median Wage	Candidates	*Related By
31	Ship Engineers	\$75,879	24	O*NET
32	Municipal Firefighters	\$28,144	19	O*NET
33	Nursery and Greenhouse Managers	\$74,225	17	O*NET
34	<u>Aquacultural Managers</u>	\$74,225	16	O*NET
35	Police Detectives	\$51,914	16	O*NET
36	First-Line Supervisors of Animal Husbandry and Animal Care Workers	\$57,352	14	O*NET
37	Morticians, Undertakers, and Funeral <u>Directors</u>	\$46,957	10	O*NET
38	Manufactured Building and Mobile Home Installers	N/A	10	O*NET
39	Licensing Examiners and Inspectors	\$59,388	8	O*NET
40	Forest and Conservation Technicians	N/A	5	O*NET
41	First-Line Supervisors of Logging Workers •	\$57,352	4	O*NET
42	First-Line Supervisors of Aquacultural Workers	\$57,352	3	O*NET
43	Municipal Fire Fighting and Prevention Supervisors	\$55,974	2	O*NET
44	Forest Fire Fighting and Prevention Supervisors	\$55,974	1	O*NET

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

Wage Source: Labor Market Statistics, Occupational Employment Statistics Program

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

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

#### **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 First-Line Supervisors of Construction Trades and Extraction Workers and for the related occupational group of Construction and Extraction Occupations on November 23, 2020 (Jobs De-duplication Level <u>2</u>).

Occupation	Job Openings	Candidates	Candidates per Job
First-Line Supervisors of Construction Trades and Extraction Workers	<u>23</u>	787	34.22
Construction and Extraction Occupations	<u>735</u>	26,247	35.71

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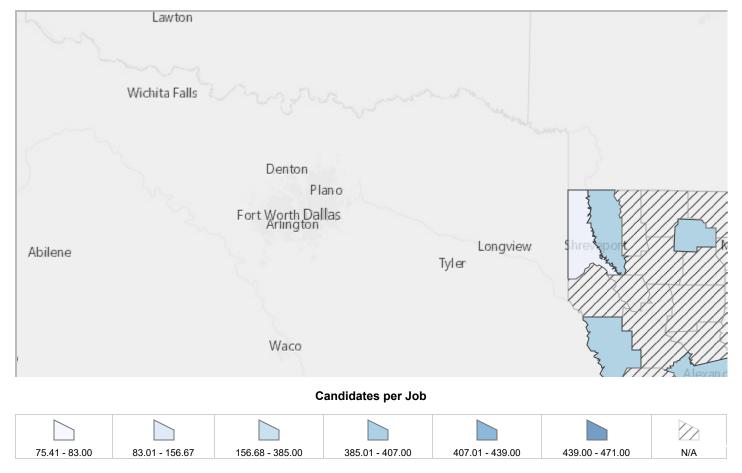
Job Source: Online advertised jobs data Candidate Source: Individuals with active résumés in the workforce system.

#### **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 First-Line Supervisors of Construction Trades and Extraction

Workers in Louisiana by parishes on November 23, 2020 (Jobs De-duplication Level  $\underline{2}$ ).

Rank	Area Name	Median Wage	Job Openings	Candidates	Candidates per Job
1	East Baton Rouge Parish	\$62,378 state level wages	1	471	471.00
2	St. Charles Parish	\$62,378 state level wages	1	439	439.00
3	St. Tammany Parish	\$62,378 state level wages	1	425	425.00
4	St. James Parish	\$62,378 state level wages	1	407	407.00
5	<u>Calcasieu Parish</u>	\$62,378 state level wages	<u>1</u>	404	404.00
6	<u>Cameron Parish</u>	\$62,378 state level wages	<u>1</u>	391	391.00
7	Rapides Parish	\$62,378 state level wages	1	385	385.00
8	Bossier Parish	\$62,378 state level wages	1	380	380.00
9	Sabine Parish	\$62,378 state level wages	1	370	370.00
10	<u>Lincoln Parish</u>	\$62,378 state level wages	1	367	367.00



Job Source: Online advertised jobs data

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

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

## **National Supply and Demand Summary**

**First-Line Supervisors of Construction Trades and Extraction Workers** There is no data available for First-Line Supervisors of Construction Trades and Extraction Workers.

### **Employers by Number of Job Openings**

This section shows the employers with the highest number of job openings advertised online for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana on November 23, 2020 (Jobs De-duplication Level <u>2</u>).

Rank	Employer Name	Job Openings
1	Wright Tree Service, Inc.	<u>5</u>
2	Savard Labor and Marine Services	<u>3</u>
3	Baker Hughes Company	<u>2</u>
4	Coburn Supply Company, Inc.	<u>1</u>
5	Foster Farms	<u>1</u>
6	Koch-Glitsch, LP.	<u>1</u>
7	ManpowerGroup	<u>1</u>
8	Mears Construction LLC	<u>1</u>
9	National Express Corporation	<u>1</u>
10	Noranda Alumina LLC	<u>1</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 First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana in October, 2020. (Jobs De-duplication Level 1)

Rank	Advertised Detailed Job Skill	Advertised Skill Group	Job Opening Match Count
1	Customer service	Customer Service Skills	<u>11</u>
2	Collaborative skills	Interpersonal Skills	<u>8</u>
3	Verbal communication skills	Interpersonal Skills	<u>7</u>
4	Interpersonal skills	Interpersonal Skills	<u>7</u>
5	Word processing	Office Clerk Skills	<u>6</u>
6	Conflict management	Interpersonal Skills	<u>6</u>
7	Mechanically inclined	Maintenance Technician Skills	<u>4</u>
8	Corrective maintenance	Maintenance Technician Skills	<u>3</u>
9	Self motivated	Basic Skills	<u>3</u>
10	Work independently	Basic Skills	<u>2</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 First-Line Supervisors of Construction Trades and Extraction Workers 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	Microsoft (MS) Office	Office Suite Software	<u>12</u>
2	Ladders	Ladders	7
3	Personal protective equipment	Hazardous Material Protective Apparel	<u>6</u>
4	Hard Hat	Hard Hats	<u>5</u>
5	Safety glasses	Safety Glasses	<u>5</u>
6	Eye protection	Safety Glasses	<u>4</u>
7	Personal protective clothing	Hazardous Material Protective Apparel	<u>4</u>
8	Advanced technologies and oceanic procedures (ATOP)	Expert System Software	<u>4</u>
9	Protective clothing	Protective Coveralls	<u>4</u>
10	Microsoft Word	Word Processing Software	<u>2</u>

Source: Online advertised jobs data

### **Typical Job Skills**

This section shows the job skills that are related to First-Line Supervisors of Construction Trades and Extraction Workers.

Rank	Typical Job Skills	Typical Skill Category
1	Evaluate projects to determine compliance with technical specifications	Information Input
2	Inspect equipment or tools to be used in construction or excavation	Information Input
3	Monitor construction operations	Information Input
4	Review blueprints or specifications to determine work requirements	Information Input
5	Direct construction or extraction personnel	Interacting With Others
6	Coordinate construction project activities	Interacting With Others
7	Estimate construction project labor requirements	Mental Processes
8	Estimate materials requirements for projects	Mental Processes
9	Order construction or extraction materials or equipment	Interacting With Others
10	Train construction or extraction personnel	Interacting With Others
11	Mark reference points on construction materials	Work Output
12	Measure work site dimensions	Information Input
13	Communicate with other construction or extraction personnel to discuss project details	Interacting With Others
14	Assist skilled construction or extraction personnel	Work Output
15	Record operational or environmental data	Work Output

#### **Personal Skills**

This section shows the personal skills that are most useful for First-Line Supervisors of Construction Trades and Extraction Workers. Click on a link in the Personal Skills column to view more detailed information.

Adjusting actions in relation to others' actions.	72
	72
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.	69
Talking to others to convey information effectively.	69
Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.	66
Motivating, developing, and directing people as they work, identifying the best people for the job.	66
Managing one's own time and the time of others.	60
	saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.  Talking to others to convey information effectively.  Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.  Motivating, developing, and directing people as they work, identifying the best people for the job.

Personal Skill	Skill Description	Rank by Importance (Out of 100)
Reading Comprehension	Understanding written sentences and paragraphs in work related documents.	60
Monitoring	Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.	60
Judgment and Decision Making	Considering the relative costs and benefits of potential actions to choose the most appropriate one.	56
Social Perceptiveness	Being aware of others' reactions and understanding why they react as they do.	53
Complex Problem Solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	53
<u>Learning</u> <u>Strategies</u>	Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	53
Active Learning	Understanding the implications of new information for both current and future problem-solving and decision-making.	50
<u>Writing</u>	Communicating effectively in writing as appropriate for the needs of the audience.	50
<u>Persuasion</u>	Persuading others to change their minds or behavior.	50
<u>Negotiation</u>	Bringing others together and trying to reconcile differences.	50
<u>Instructing</u>	Teaching others how to do something.	50
Quality Control Analysis	Conducting tests and inspections of products, services, or processes to evaluate quality or performance.	50
Equipment Selection	Determining the kind of tools and equipment needed to do a job.	47
Operation Monitoring	Watching gauges, dials, or other indicators to make sure a machine is working properly.	47
Operation and Control	Controlling operations of equipment or systems.	47
<u>Systems</u> <u>Analysis</u>	Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	47
Systems Evaluation	Identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.	47
Service Orientation	Actively looking for ways to help people.	47
<u>Mathematics</u>	Using mathematics to solve problems.	44
<u>Operations</u> <u>Analysis</u>	Analyzing needs and product requirements to create a design.	38

Personal Skill	Skill Description	Rank by Importance (Out of 100)
Management of Material Resources	Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.	28
Troubleshooting	Determining causes of operating errors and deciding what to do about it.	28
Repairing	Repairing machines or systems using the needed tools.	25
Equipment Maintenance	Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.	25
Management of Financial Resources	Determining how money will be spent to get the work done, and accounting for these expenditures.	25
<u>Science</u>	Using scientific rules and methods to solve problems.	16
<u>Technology</u> <u>Design</u>	Generating or adapting equipment and technology to serve user needs.	13
<u>Programming</u>	Writing computer programs for various purposes.	6
<u>Installation</u>	Installing equipment, machines, wiring, or programs to meet specifications.	0

# **Typical Education Requirements**

**First-Line Supervisors of Construction Trades and Extraction Workers** First-Line Supervisors of Construction Trades and Extraction Workers usually require at least a High school diploma or equivalent. 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 First-Line Supervisors of Construction Trades and Extraction Workers.

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)	27.04%
2	Less than a High School Diploma	21.95%
3	High School Diploma - or the equivalent (for example, GED)	20.79%
4	Associate's Degree (or other 2-year degree)	11.88%
5	Bachelor's Degree	10.49%
6	Some College Courses	7.84%

#### On The Job Training

This section shows the results of a national survey listing the most common lengths of on the job training for First-Line Supervisors of Construction Trades and Extraction Workers.

Rank	On The Job Training	Percentage of Respondents
1	Over 6 months, up to and including 1 year	41.44%
2	Over 10 years	16.69%
3	Over 3 months, up to and including 6 months	15.74%
4	Anything beyond short demonstration, up to and including 1 month	9.05%
5	Over 4 years, up to and including 10 years	7.04%
6	Over 1 month, up to and including 3 months	5.89%
7	Over 1 year, up to and including 2 years	2.52%
8	Over 2 years, up to and including 4 years	1.62%

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

#### **On-Site or In-Plant Training**

This section shows the results of a national survey listing the most common lengths of on-site or inplant training for First-Line Supervisors of Construction Trades and Extraction Workers.

Rank	On-Site or In-Plant Training	Percentage of Respondents
1	Over 10 years	16.96%
2	Over 4 years, up to and including 10 years	16.81%
3	Over 6 months, up to and including 1 year	13.50%
4	Up to and including 1 month	11.39%
5	Over 1 year, up to and including 2 years	10.69%
6	Over 3 months, up to and including 6 months	10.12%
7	None	10.09%
8	Over 1 month, up to and including 3 months	9.67%
9	Over 2 years, up to and including 4 years	0.77%

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 First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana on November 23, 2020. There were 12 job openings advertised online that did not specify a minimum education requirement (Jobs De-duplication Level <u>2</u>).

Rank	Education Level	Job Openings	Percentage of Job Openings	Potential Candidates	Percentage of Potential Candidates
1	No Minimum Education Requirement	<u>4</u>	17.39%	0	N/A
2	Less than High School	0	N/A	71	9.02%
3	High School Diploma or Equivalent	<u>5</u>	21.74%	428	54.38%
4	1 Year of College or a Technical or Vocational School	<u>1</u>	4.35%	76	9.66%
5	2 Years of College or a Technical or Vocational School	0	N/A	44	5.59%
6	3 Years of College or a Technical or Vocational School	0	N/A	27	3.43%
7	Vocational School Certificate	0	N/A	69	8.77%
8	Associate's Degree	0	N/A	28	3.56%
9	Bachelor's Degree	<u>1</u>	4.35%	37	4.70%
10	Master's Degree	0	N/A	5	0.64%
11	Doctorate Degree	0	N/A	1	0.13%
12	Specialized Degree (e.g. MD, DDS)	0	N/A	1	0.13%
13	Not Specified	<u>12</u>	52.17%	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 First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana.

<b>Provider Name</b>	Program Name	Location	Tuition	Length	WIOA Eligible
ACADEMY OF ACADIANA/NEW IBERIA	Medical Insurance and Coding Specialist	NEW IBERIA, LA	\$1,500	4 Weeks	
Acadiana Plumbers Association	Acadiana Plumbers Association An industry- recognized certificate or certification	Lafayette, LA	\$7,600	8 Semesters	•
Alexandria Electrical JATC	Alexandria Electrical JATC	Alexandria, LA	\$275	960 Years	
Alexandria Pipe Trades JATC	Pipefitter A certificate of completion of an apprenticeship	ALEXANDRIA, LA	N/A	1230 Hours	•

Provider Name	Program Name	Location	Tuition	Length	WIOA Eligible
Associated Builders & Contractors - Lake Charles (Pelican)	Accelerated Electrical	WESTLAKE, LA	\$800	20 Weeks	
Associated Builders & Contractors - Lake Charles (Pelican)	Accelerated Pipefitting	WESTLAKE, LA	\$800	20 Weeks	
Associated Builders & Contractors - Lake Charles (Pelican)	<u>NCCER -</u> <u>Pipefitter</u>	WESTLAKE, LA	\$2,200	655 Hours	
Associated Builders & Contractors - Lake Charles (Pelican)	<u>NCCER</u> <u>Carpentry</u>	WESTLAKE, LA	\$1,100	240 Hours	
Associated Builders & Contractors - Lake Charles (Pelican)	NCCER Electrical	WESTLAKE, LA	\$2,200	676 Hours	
Associated Builders & Contractors - Lake Charles (Pelican)	NCCER Insulation	WESTLAKE, LA	\$2,200	480 Hours	

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 First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana in October, 2020. (Jobs De-duplication Level 1)

Rank	Advertised Certification Group	Advertised Certification Sub- Category	Job Opening Match Count
1	Commercial Drivers License (CDL)	Ground Transportation	7
2	American Heart Association (AHA) CPR & First Aid Certifications	Nursing	7
3	National Strength and Conditioning Association (NSCA) Certifications	Fitness	<u>6</u>

Source: Online advertised jobs data

# **Training Program Completers**

There is no data available for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana.

### **National Education, Training, Licensing and Qualifications**

First-Line Supervisors of Construction Trades and Extraction Workers Education and training:

- Typical entry-level education: High school diploma or equivalent
- Work experience in a related occupation: 5 years or more
- Typical on-the-job training: None

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

#### **Typical Work Experience Requirements**

**First-Line Supervisors of Construction Trades and Extraction Workers** 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 First-Line Supervisors of Construction Trades and Extraction Workers.

Rank	Related Work Experience	Percentage of Respondents
1	Over 10 years	30.47%
2	Over 2 years, up to and including 4 years	16.87%
3	Over 1 year, up to and including 2 years	14.07%
4	Over 4 years, up to and including 6 years	12.84%
5	Over 6 months, up to and including 1 year	11.54%
6	Over 6 years, up to and including 8 years	8.45%
7	Over 8 years, up to and including 10 years	5.22%
8	None	0.28%
9	Over 3 months, up to and including 6 months	0.28%

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.

#### **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 First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana on November 23, 2020. There were 12 job openings advertised online that did not specify a minimum experience requirement (Jobs De-duplication Level 2).

Rank	Experience	Job Percentage Job of Job Potential Openings Openings	
1	Not Specified	12 52.17% 0	N/A

Rank	Experience	Job Openings	Percentage of Job Openings	Potential Candidates	Percentage of Potential Candidates
2	Less than 1 year	1	4.35%	40	5.08%
3	1 Year to 2 Years	5	21.74%	20	2.54%
4	2 Years to 5 Years	3	13.04%	51	6.48%
5	5 Years to 10 Years	2	8.70%	97	12.33%
6	More than 10 Years	0	N/A	579	73.57%

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 First-Line Supervisors of Construction Trades and Extraction Workers. 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 Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in 2019.

Rate Type / Statistical Type	Entry level	Median	Experienced
Annual wage or salary	\$42,254	\$62,378	\$92,658
Hourly wage	\$20.31	\$29.99	\$44.55

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 <u>23</u> job openings advertised online for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana that posted a salary on November 23, 2020.

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

Source: Online advertised jobs data

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

### **Desired Salary of Available Candidates**

This section shows the desired salary of potential candidates in the workforce system that are looking for jobs as First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana on November 23, 2020.

Rank	Desired Salary	Potential Candidates	Percentage of Potential Candidates
1	Not Specified	213	27.31%
2	\$5,000 - \$19,999	2	0.26%
3	\$20,000 - \$34,999	72	9.23%
4	\$35,000 - \$49,999	141	18.08%
5	\$50,000 - \$64,999	143	18.33%
6	\$65,000 - \$79,999	112	14.36%
7	\$80,000 - \$94,999	50	6.41%
8	\$95,000 or more	47	6.03%

Source: Individuals with active résumés in the workforce system.

# **Wage Rates Area Distribution**

There is no data available for Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in Louisiana.

# **Wage Rates in Related Occupations**

This section shows a comparison of 2019 median annual rates for occupations that are in the same occupational family as First-Line Supervisors of Construction Trades and Extraction Workers for Louisiana.

Rank	Occupation	Median	*Related By
1	Industrial Production Managers •	\$112,096	O*NET
2	Ship and Boat Captains	\$96,513	O*NET
3	Construction Managers ⋄ ≠	\$90,946	O*NET
4	Storage and Distribution Managers •	\$78,879	O*NET
5	Ship Engineers	\$75,879	O*NET
6	Nursery and Greenhouse Managers	\$74,225	O*NET
7	<u>Aquacultural Managers</u>	\$74,225	O*NET
8	Gaming Managers •	\$69,033	O*NET
9	First-Line Supervisors of Production and Operating Workers	\$68,338	O*NET
10	First-Line Supervisors of Mechanics, Installers, and Repairers	\$63,535	O*NET
11	First-Line Supervisors of Construction Trades and Extraction Workers	\$62,378	N/A
12	Solar Energy Installation Managers • •	\$62,378	SOC4
13	<u>Surveyors</u>	\$60,435	O*NET
14	Food Service Managers •	\$60,074	O*NET
15	Licensing Examiners and Inspectors	\$59,388	O*NET
16	Government Property Inspectors and Investigators	\$59,388	O*NET
17	First-Line Supervisors of Logging Workers	\$57,352	O*NET

Rank	Occupation	Median	*Related By
18	First-Line Supervisors of Aquacultural Workers	\$57,352	O*NET
19	First-Line Supervisors of Animal Husbandry and Animal Care Workers	\$57,352	O*NET
20	Municipal Fire Fighting and Prevention Supervisors	\$55,974	O*NET
21	Forest Fire Fighting and Prevention Supervisors	\$55,974	O*NET
22	Pipe Fitters and Steamfitters • •	\$55,149	O*NET
23	<u>Plumbers</u> → p	\$55,149	O*NET
24	First-Line Supervisors of Correctional Officers	\$52,445	O*NET
25	Police Detectives	\$51,914	O*NET
26	Criminal Investigators and Special Agents	\$51,914	O*NET
27	Morticians, Undertakers, and Funeral Directors	\$46,957	O*NET
28	Commercial Divers	\$43,960	O*NET
29	Police Patrol Officers	\$41,301	O*NET
30	Sheriffs and Deputy Sheriffs	\$41,301	O*NET
31	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers.	\$40,222	O*NET
32	Surveying Technicians	\$37,697	O*NET
33	Forest and Conservation Workers •	\$36,796	O*NET
34	Maintenance and Repair Workers, General • 🖊	\$35,576	O*NET
35	Coaches and Scouts	\$34,479	O*NET
36	Correctional Officers and Jailers	\$34,147	O*NET
37	Municipal Firefighters	\$28,144	O*NET
*	Athletes and Sports Competitors	Confidential	O*NET

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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 <u>Occupational Information Network</u>. O\*NET is a registered trademark of the <u>US Department of Labor/Employment and Training Administration</u>.

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

## Wage Rates by Industry

There is no data available for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana.

#### **National Earnings Data Summary**

First-Line Supervisors of Construction Trades and Extraction Workers May 2016 median annual wage: \$62,980

<sup>\*</sup> Rank is suppressed for confidential data.

### **Occupational Employment & Future Employment Outlook**

This section shows the long term employment projections for Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in Louisiana from 2016-2026.

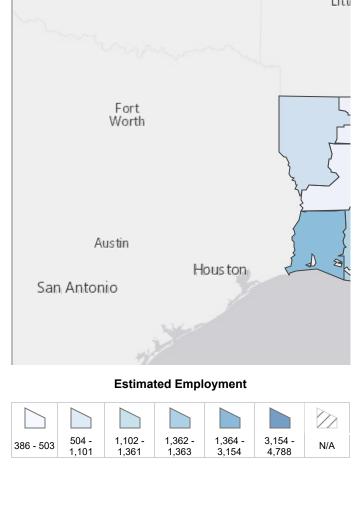
Occupation	2016 Estimated Employment	2026 Projected Employment	Total 2016- 2026 Employment Change	2016-2026 Annual Avg. Percent Change
Supervisors of Construction and Extraction Workers	13,200	13,863	663	0.49%
Total All	2,034,986	2,203,144	168,158	0.80%

Source: Occupational Employment Projections

### **Employment Data Area Distribution**

This section shows the distribution of the 2016 estimated employment for Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in Louisiana by regional labor market area.

Rank	Area	2016 Estimated Employment
1	<u>2nd Regional Labor</u> <u>Market Area, Baton</u> <u>Rouge</u>	4,788
2	1st Regional Labor Market Area, New Orleans	3,154
3	5th Regional Labor Market Area, Lake Charles	1,363
4	<u>4th Regional Labor</u> <u>Market Area, Lafayette</u>	1,361
5	7th Regional Labor Market Area, Shreveport	1,101
6	<u>3rd Regional Labor</u> <u>Market Area, Houma</u>	503
7	6th Regional Labor Market Area, Alexandria	503
8	8th Regional Labor Market Area, Monroe	385



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 First-Line Supervisors of Construction Trades and Extraction Workers.

Rank	Occupation	2016 Estimated Employment	*Related By
1	Maintenance and Repair Workers, General • 🖊	26,983	O*NET
2	First-Line Supervisors of Construction Trades and Extraction Workers	13,200	SOC4
3	Solar Energy Installation Managers • •	13,200	SOC4
4	Pipe Fitters and Steamfitters • •	11,194	O*NET
5	<u>Plumbers</u>	11,194	O*NET
6	Police Patrol Officers	10,943	O*NET
7	Sheriffs and Deputy Sheriffs	10,943	O*NET
8	First-Line Supervisors of Production and Operating Workers •	10,799	O*NET
9	First-Line Supervisors of Mechanics, Installers, and Repairers •	9,093	O*NET
10	Correctional Officers and Jailers	8,808	O*NET
11	Ship and Boat Captains	7,378	O*NET
12	<u>Municipal Firefighters</u>	6,750	O*NET
13	<u>Aquacultural Managers</u>	6,602	O*NET
14	Nursery and Greenhouse Managers	6,602	O*NET
15	Construction Managers • •	5,323	O*NET
16	Government Property Inspectors and Investigators	4,346	O*NET
17	<u>Licensing Examiners and Inspectors</u>	4,346	O*NET
18	First-Line Supervisors of Personal Service Workers	4,159	O*NET
19	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	3,891	O*NET
20	<u>First-Line Supervisors of Helpers, Laborers, and</u> <u>Material Movers, Hand</u>	3,308	O*NET
21	Food Service Managers	2,519	O*NET
22	Criminal Investigators and Special Agents	2,120	O*NET
23	Police Detectives	2,120	O*NET
24	Coaches and Scouts*	1,828	O*NET
25	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers.	1,748	O*NET
26	Forest Fire Fighting and Prevention Supervisors	1,724	O*NET
27	Municipal Fire Fighting and Prevention Supervisors	1,724	O*NET
28	Storage and Distribution Managers	1,524	O*NET
29	Industrial Production Managers •	1,466	O*NET
30	Surveying Technicians	1,272	O*NET
31	First-Line Supervisors of Correctional Officers	1,255	O*NET
32	<u>Surveyors</u>	910	O*NET
33	Commercial Divers	878	O*NET
34	Morticians, Undertakers, and Funeral Directors	487	O*NET
35	Forest and Conservation Workers	278	O*NET

Rank	Occupation	2016 Estimated Employment	*Related By
36	Gaming Managers	207	O*NET
37	Aircraft Cargo Handling Supervisors	177	O*NET
38	Forest and Conservation Technicians	71	O*NET
*	Athletes and Sports Competitors	Confidential	O*NET
*	Explosives Workers, Ordnance Handling Experts, and Blasters	Confidential	O*NET
*	First-Line Supervisors of Animal Husbandry and Animal Care Workers	Confidential	O*NET
*	First-Line Supervisors of Aquacultural Workers	Confidential	O*NET
*	First-Line Supervisors of Logging Workers •	Confidential	O*NET
*	Manufactured Building and Mobile Home Installers	Confidential	O*NET
*	Ship Engineers	Confidential	O*NET

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Source: Occupational Employment Projections

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

### **Projected Annual Openings**

This section shows the long term projected annual openings for Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in Louisiana from 2016 to 2026.

Occupation	Total Annual Average Openings	Annual Average Openings Due to Growth	Annual Average Openings Due to Replacement
Supervisors of Construction and Extraction Workers	N/A	N/A	N/A
Construction and Extraction	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 Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in Louisiana by regional labor market area from 2016 to 2026.

<sup>\*</sup> Rank is suppressed for confidential data.

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

Rank	Area	Total Annual Average Openings
1	1st Regional Labor Market Area, New Orleans	N/A
2	<u>2nd Regional Labor</u> <u>Market Area, Baton Rouge</u>	N/A
3	<u>3rd Regional Labor Market</u> <u>Area, Houma</u>	N/A
4	4th Regional Labor Market Area, Lafayette	N/A
5	<u>5th Regional Labor Market</u> <u>Area, Lake Charles</u>	N/A
6	6th Regional Labor Market Area, Alexandria	N/A
7	7th Regional Labor Market Area, Shreveport	N/A
8	8th Regional Labor Market Area, Monroe	N/A

There is no total annual average openings data available for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana.

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 First-Line Supervisors of Construction Trades and Extraction Workers from 2016 to 2026.

Rank	Occupation	Total Annual Average Openings	*Related By
1	Aircraft Cargo Handling Supervisors	N/A	O*NET
2	<u>Aquacultural Managers</u>	N/A	O*NET
3	Coaches and Scouts	N/A	O*NET
4	Commercial Divers	N/A	O*NET
5	Construction Managers • •	N/A	O*NET
6	Correctional Officers and Jailers	N/A	O*NET
7	Criminal Investigators and Special Agents	N/A	O*NET
8	First-Line Supervisors of Construction Trades and Extraction Workers	N/A	SOC4
9	First-Line Supervisors of Correctional Officers	N/A	O*NET
10	<u>First-Line Supervisors of Helpers, Laborers, and</u> <u>Material Movers, Hand</u>	N/A	O*NET
11	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers.	N/A	O*NET
12	First-Line Supervisors of Mechanics, Installers, and Repairers	N/A	O*NET
13	First-Line Supervisors of Personal Service Workers	N/A	O*NET

Rank	Occupation	Total Annual Average Openings	*Related By
14	First-Line Supervisors of Production and Operating Workers •	N/A	O*NET
15	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	N/A	O*NET
16	Food Service Managers	N/A	O*NET
17	Forest and Conservation Technicians	N/A	O*NET
18	Forest and Conservation Workers	N/A	O*NET
19	Forest Fire Fighting and Prevention Supervisors	N/A	O*NET
20	Gaming Managers •	N/A	O*NET
21	Government Property Inspectors and Investigators	N/A	O*NET
22	Industrial Production Managers •	N/A	O*NET
23	<u>Licensing Examiners and Inspectors</u>	N/A	O*NET
24	Maintenance and Repair Workers, General • 🖊	N/A	O*NET
25	Morticians, Undertakers, and Funeral Directors	N/A	O*NET
26	Municipal Fire Fighting and Prevention Supervisors	N/A	O*NET
27	Municipal Firefighters	N/A	O*NET
28	Nursery and Greenhouse Managers	N/A	O*NET
29	Pipe Fitters and Steamfitters • •	N/A	O*NET
30	<u>Plumbers</u>	N/A	O*NET
31	Police Detectives	N/A	O*NET
32	Police Patrol Officers	N/A	O*NET
33	Sheriffs and Deputy Sheriffs	N/A	O*NET
34	Ship and Boat Captains	N/A	O*NET
35	Solar Energy Installation Managers > >	N/A	SOC4
36	Storage and Distribution Managers •	N/A	O*NET
37	<u>Surveying Technicians</u>	N/A	O*NET
38	<u>Surveyors</u>	N/A	O*NET
*	Athletes and Sports Competitors	Confidential	O*NET
*	Explosives Workers, Ordnance Handling Experts, and Blasters	Confidential	O*NET
*	First-Line Supervisors of Animal Husbandry and Animal Care Workers	Confidential	O*NET
*	First-Line Supervisors of Aquacultural Workers	Confidential	O*NET
*	First-Line Supervisors of Logging Workers •	Confidential	O*NET
*	Manufactured Building and Mobile Home Installers	Confidential	O*NET
*	Ship Engineers	Confidential	O*NET

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Source: Occupational Employment Projections

<sup>\*</sup> Rank is suppressed for confidential data.

This section shows the industries that employed the highest number of Supervisors of Construction and Extraction Workers (no data available for First-Line Supervisors of Construction Trades and Extraction Workers) in Louisiana in 2016.

Rank	Industry Title	Estimated Employment	Percent of Total Employment
1	Specialty Trade Contractors	3,472	26.30%
2	Heavy and Civil Engineering Construction	3,235	24.51%
3	Construction of Buildings	1,939	14.69%
4	<u>Self-Employed and Unpaid Family Workers, Primary</u> <u>Job</u>	1,344	10.18%
5	Support Activities for Mining	547	4.14%
6	Transportation Equipment Manufacturing	201	1.52%
7	Fabricated Metal Product Manufacturing	158	1.20%
8	Petroleum and Coal Products Manufacturing	115	0.87%
9	Repair and Maintenance	94	0.71%
10	Machinery Manufacturing	54	0.41%

Source: Louisiana Workforce Commission, Occupational Projections Program

#### **Work Activities**

This section shows the most common work activities required by First-Line Supervisors of Construction Trades and Extraction Workers 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)
Communicating with Supervisors, Peers, or Subordinates	Providing information to supervisors, co- workers, and subordinates by telephone, in written form, e-mail, or in person.	82
Making Decisions and Solving Problems	Analyzing information and evaluating results to choose the best solution and solve problems.	79
Inspecting Equipment, Structures, or Material	Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.	78
Getting Information	Observing, receiving, and otherwise obtaining information from all relevant sources.	77
Coordinating the Work and Activities of Others	Getting members of a group to work together to accomplish tasks.	76
Organizing, Planning, and Prioritizing Work	Developing specific goals and plans to prioritize, organize, and accomplish your work.	74
Scheduling Work and Activities	Scheduling events, programs, and activities, as well as the work of others.	73

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
Establishing and Maintaining Interpersonal Relationships	Developing constructive and cooperative working relationships with others, and maintaining them over time.	73
Monitor Processes, Materials, or Surroundings	Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.	72
Communicating with Persons Outside Organization	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.	71
Operating Vehicles, Mechanized Devices, or Equipment	Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.	70
Guiding, Directing, and Motivating Subordinates	Providing guidance and direction to subordinates, including setting performance standards and monitoring performance.	70
Identifying Objects, Actions, and Events	Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.	69
Controlling Machines and Processes	Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles).	68
Processing Information	Compiling, coding, categorizing, calculating, tabulating, auditing, or verifying information or data.	68
Handling and Moving Objects	Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.	68
Evaluating Information to Determine Compliance with Standards	Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards.	67
<u>Updating and Using</u> <u>Relevant Knowledge</u>	Keeping up-to-date technically and applying new knowledge to your job.	67
Judging the Qualities of Things, Services, or People	Assessing the value, importance, or quality of things or people.	65
<u>Developing Objectives</u> <u>and Strategies</u>	Establishing long-range objectives and specifying the strategies and actions to achieve them.	65

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
Thinking Creatively	Developing, designing, or creating new applications, ideas, relationships, systems, or products, including artistic contributions.	64
Estimating the Quantifiable Characteristics of Products, Events, or Information	Estimating sizes, distances, and quantities; or determining time, costs, resources, or materials needed to perform a work activity.	62
Performing General Physical Activities	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.	61
Drafting, Laying Out, and Specifying Technical Devices, Parts, and Equipment	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.	60
Repairing and Maintaining Mechanical Equipment	Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.	57
Analyzing Data or Information	Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.	56
<u>Training and Teaching</u> <u>Others</u>	Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others.	56
Resolving Conflicts and Negotiating with Others	Handling complaints, settling disputes, and resolving grievances and conflicts, or otherwise negotiating with others.	55
<u>Developing and Building</u> <u>Teams</u>	Encouraging and building mutual trust, respect, and cooperation among team members.	54
Assisting and Caring for Others	Providing personal assistance, medical attention, emotional support, or other personal care to others such as coworkers, customers, or patients.	53
Monitoring and Controlling Resources	Monitoring and controlling resources and overseeing the spending of money.	53
Documenting/Recording Information	Entering, transcribing, recording, storing, or maintaining information in written or electronic/magnetic form.	53
Interpreting the Meaning of Information for Others	Translating or explaining what information means and how it can be used.	53

Work Activity	Work Activity Description	Rank by Importance (Out of 100)
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.	49
Provide Consultation and Advice to Others	Providing guidance and expert advice to management or other groups on technical, systems-, or process-related topics.	48
Coaching and Developing Others	Identifying the developmental needs of others and coaching, mentoring, or otherwise helping others to improve their knowledge or skills.	47
Performing Administrative Activities	Performing day-to-day administrative tasks such as maintaining information files and processing paperwork.	46
Repairing and Maintaining Electronic Equipment	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
Interacting With Computers	Using computers and computer systems (including hardware and software) to program, write software, set up functions, enter data, or process information.	45
Staffing Organizational Units	Recruiting, interviewing, selecting, hiring, and promoting employees in an organization.	42
Selling or Influencing Others	Convincing others to buy merchandise/goods or to otherwise change their minds or actions.	38

### **Tasks**

This section shows the most common tasks required by First-Line Supervisors of Construction Trades and Extraction Workers 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)
Inspect work progress, equipment, or construction sites to verify safety or to ensure that specifications are met.	Core	87
Read specifications, such as blueprints, to determine construction requirements or to plan procedures.	Core	84
Supervise, coordinate, or schedule the activities of construction or extractive workers.	Core	84
Assign work to employees, based on material or worker requirements of specific jobs.	Core	81
Coordinate work activities with other construction project activities.	Core	79

Tasks	Task Description	Rank by Importance (Out of 100)
Estimate material or worker requirements to complete jobs.	Core	79
Analyze worker or production problems and recommend solutions, such as improving production methods or implementing motivational plans.	Core	78
Order or requisition materials or supplies.	Core	76
<u>Train workers in construction methods, operation of equipment, safety procedures, or company policies.</u>	Core	75
Locate, measure, and mark site locations or placement of structures or equipment, using measuring and marking equipment.	Core	73
Confer with managerial or technical personnel, other departments, or contractors to resolve problems or to coordinate activities.	Core	73
Arrange for repairs of equipment or machinery.	Core	71
Provide assistance to workers engaged in construction or extraction activities, using hand tools or other equipment.	Core	69
Record information, such as personnel, production, or operational data on specified forms or reports.	Core	66
Suggest or initiate personnel actions, such as promotions, transfers, or hires.	Core	61

# **National Working Conditions**

**First-Line Supervisors of Construction Trades and Extraction Workers** There is no data available for First-Line Supervisors of Construction Trades and Extraction Workers.

# **Typical Work Conditions**

This section shows the most common work conditions required by First-Line Supervisors of Construction Trades and Extraction Workers in order of importance.

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Face-to-Face Discussions	How often do you have to have face- to-face discussions with individuals or teams in this job?	100
Contact With Others	How much does this job require the worker to be in contact with others (face-to-face, by telephone, or otherwise) in order to perform it?	99
Telephone	How often do you have telephone conversations in this job?	99

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
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?	98
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?	96
Responsible for Others' Health and Safety	How much responsibility is there for the health and safety of others in this job?	95
Work With Work Group or Team	How important is it to work with others in a group or team in this job?	92
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?	91
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?	91
Freedom to Make Decisions	How much decision making freedom, without supervision, does the job offer?	90
Electronic Mail	How often do you use electronic mail in this job?	89
Responsibility for Outcomes and Results	How responsible is the worker for work outcomes and results of other workers?	87
Outdoors, Exposed to Weather	How often does this job require working outdoors, exposed to all weather conditions?	86
Importance of Being Exact or Accurate	How important is being very exact or highly accurate in performing this job?	82
In an Enclosed Vehicle or Equipment	How often does this job require working in a closed vehicle or equipment (e.g., car)?	82
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?	80
Exposed to Hazardous Equipment	How often does this job require exposure to hazardous equipment?	80
Time Pressure	How often does this job require the worker to meet strict deadlines?	78

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
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?	78
Coordinate or Lead Others	How important is it to coordinate or lead others in accomplishing work activities in this job?	73
Exposed to Contaminants	How often does this job require working exposed to contaminants (such as pollutants, gases, dust or odors)?	72
Physical Proximity	To what extent does this job require the worker to perform job tasks in close physical proximity to other people?	72
Deal With External Customers	How important is it to work with external customers or the public in this job?	69
Frequency of Conflict Situations	How often are there conflict situations the employee has to face in this job?	68
Letters and Memos	How often does the job require written letters and memos?	67
Level of Competition	To what extent does this job require the worker to compete or to be aware of competitive pressures?	67
Spend Time Standing	How much does this job require standing?	66
Extremely Bright or Inadequate Lighting	How often does this job require working in extremely bright or inadequate lighting conditions?	64
Exposed to Minor Burns, Cuts, Bites, or Stings	How often does this job require exposure to minor burns, cuts, bites, or stings?	62
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?	57
Consequence of Error	How serious would the result usually be if the worker made a mistake that was not readily correctable?	57
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?	55
Spend Time Making Repetitive Motions	How much does this job require making repetitive motions?	55
Spend Time Walking and Running	How much does this job require walking and running?	54

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Exposed to Hazardous Conditions	How often does this job require exposure to hazardous conditions?	49
Indoors, Not Environmentally Controlled	How often does this job require working indoors in non-controlled environmental conditions (e.g., warehouse without heat)?	47
Exposed to High Places	How often does this job require exposure to high places?	46
Indoors, Environmentally Controlled	How often does this job require working indoors in environmentally controlled conditions?	44
Public Speaking	How often do you have to perform public speaking in this job?	43
Pace Determined by Speed of Equipment	How important is it to this job that the pace is determined by the speed of equipment or machinery? (This does not refer to keeping busy at all times on this job.)	43
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?	43
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?	42
In an Open Vehicle or Equipment	How often does this job require working in an open vehicle or equipment (e.g., tractor)?	42
Spend Time Bending or Twisting the Body	How much does this job require bending or twisting your body?	42
Spend Time Sitting	How much does this job require sitting?	40
Outdoors, Under Cover	How often does this job require working outdoors, under cover (e.g., structure with roof but no walls)?	39
Exposed to Whole Body Vibration	How often does this job require exposure to whole body vibration (e.g., operate a jackhammer)?	37
Cramped Work Space, Awkward Positions	How often does this job require working in cramped work spaces that requires getting into awkward positions?	35
Spend Time Kneeling, Crouching, Stooping, or Crawling	How much does this job require kneeling, crouching, stooping or crawling?	35

Work Condition	Work Condition Description	Rank by Importance (Out of 100)
Spend Time Climbing Ladders, Scaffolds, or Poles	How much does this job require climbing ladders, scaffolds, or poles?	26
Spend Time Keeping or Regaining Balance	How much does this job require keeping or regaining your balance?	20

#### **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)
Independence	Occupations that satisfy this work value allow employees to work on their own and make decisions. Corresponding needs are Creativity, Responsibility and Autonomy.	78
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.	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.	67
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.	67
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.	64
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.	56

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 First-Line Supervisors of Construction Trades and Extraction Workers.

Detailed Tool	Tool Group

Detailed Tool Tool Group

Insulated adjustable widemouth pliers Adjustable widemouth pliers

Adjustable wrenches Adjustable wrenches

Air compressors Air compressors

Ammeters Ammeters

Clamp-on meters Ammeters

Backhoes Backhoes

Bench vises Bench vises

Biscuit joiners Biscuit jointers

Calipers Calipers

Caulking guns

Chalk lines

Chalk lines

Claw hammers

Steel chisels

Claw hammer

Cold chisels

Concrete mixers Concrete mixers or plants

Screeds Concrete spreaders

Desktop computers Desktop computers

Blasting machines Detonator box

Detonators Detonators

Digital cameras Digital cameras

Dump trucks

Protective ear muffs

Ear muffs

Protective ear plugs Ear plugs

Safety lanyards Fall protection lanyard

Fish tapes Fish tape

Flatbed truck trailers Flatbed trailers

Concrete floats Floats

Flow meters Flowmeters

Forklifts Forklifts

Gas-powered generators Gas generators

Acetylene welding equipment Gas welding or brazing or cutting apparatus

Oxyfuel gas welders Gas welding or brazing or cutting apparatus

Glass cutters Glass cutters

Safety goggles Goggles
Allen wrenches Hex keys

Glass holders Hold down clamps

Humidity meters Hygrometers

Insulated screwdrivers Insulated screwdriver

Fuel-burning kettles Kettle exchangers

Ladders Ladders

Transit levels Level sensors or transmitters

Detailed Tool Tool Group

Bubble levels Levels
Precision levels Levels
Glass lifters Lifts

Refrigerant leak detectors Liquid leak detectors

Channel lock pliers Locking pliers

Power lockouts Lockout devices

Aerial personnel lifts Manlift or personnel lift

Manlifts Manlift or personnel lift

Surveying rods Measuring rods

Swing stages

Metal inert gas MIG welding equipment Metal inert gas welding machine

Manlift or personnel lift

Marking gauges Metal markers or holders

Single-cut mill saw files

Multimeters

Multimeters

Nut drivers

Megohm meters

Ohmmeters

Ohmmeters

Pallet jacks

Mill saw file

Multimeters

Ohut drivers

Ohmmeters

Ohmmeters

Personal computers

Pipe benders

Pipe bending tools

Pipe cutters

Pipe or tube cutter

Pipe vises Pipe vises

Pipe wrenches Pipe wrenches

Planes Planes

Planers Planing machines

Mortar mixers Plaster or mortar mixers

Plumb bobs
Power polishers
Power drills
Power drills

Power grinders

Power grinders

Power nail guns

Band saws Power saws
Power saws
Saber saws Power saws
Table saws Power saws

Pressure meters Pressure indicators

Power washers Pressure or steam cleaners

Glass gloves Protective gloves
Safety gloves Protective gloves

Crowbars Pry bars

Detailed Tool Tool Group

Pry bars Pry bars

Putty knives Putty knives

Refrigerant reclamation equipment Refrigerant compressors

Respirators Respirators

Rubber mallets

Safety glasses

Safety glasses

Safety harnesses Safety harnesses or belts

Hand saws Saws

Scaffolding Scaffolding
Flat head screwdrivers Screwdrivers
Phillips head screwdrivers Screwdrivers

Scoring tools Scribers

Arc welding equipment Shielded metal arc welding or stick welding machine

Skid steer loaders Skid steer loaders

Welders Spot welding machine

Combination squares Squares
Layout squares Squares

Hydraulic knock-out punches Stamping dies or punches

Wire strippers Stripping tools
Vacuum cups Suction cups

Analog temperature analyzers

Surface thermometers

Digital temperature analyzers

Surface thermometers

Tablet computers

Measuring tapes

Theodolites

Tablet computers

Tape measures

Theodolites

Pipe threaders Threading dies

Glass tongs Tongs

Lathes Tracer or duplicating or contouring lathe

Tracked excavators Track excavators

Trenchers Trenching machines

Brick trowels Trowels

Pointing trowels Trowels

Tungsten inert gas TIG welding equipment Tungsten inert gas welding machine

Two way radios

Utility knives

Utility knives

Utility knives

Vacuum pumps Vacuum pumps

Voltmeters Voltage or current meters

Wattmeters Wattmeters

Welding masks Welding masks

Wheeled bulldozers Wheel bulldozers

<b>Detailed Tool</b>	Tool Group
Wheel loaders	Wheel loaders
Wire cutters	Wire cutters
Wire pulling machines	Wire drawing machine
Hydraulic crimping tools	Wire lug crimping tool
Wire crimpers	Wire lug crimping tool
Slickline fishing tools	Wireline grabs
Wood chisels	Wood chisels

## **Typical Technology**

This section shows common technology used by First-Line Supervisors of Construction Trades and Extraction Workers.

Detailed Technology	Technology Group
FranklinCovey TabletPlanner	Calendar and scheduling software
Scheduling software	Calendar and scheduling software
Autodesk AutoCAD	Computer aided design CAD software
Data entry software	Data base user interface and query software
Intuit QuickBase	Data base user interface and query software
Mi-Co Mi-Forms Client	Data base user interface and query software
Sage 300 Construction and Real Estate	Data base user interface and query software
Prolog	Development environment software
Adobe Systems Adobe Acrobat	Document management software
Microsoft Outlook	Electronic mail software
Facilities management software	Facilities management software
Graphics software	Graphics or photo imaging software
Inventory tracking software	Inventory management software
Microsoft Office	Office suite software
Microsoft PowerPoint	Presentation software
HCSS HeavyJob	Project management software
Microsoft Project	Project management software
Oracle Primavera Enterprise Project Portfolio Management	Project management software
Oracle Primavera P6 Enterprise Portfolio Project Management	Project management software
Oracle Primavera Systems	Project management software
Microsoft Excel	Spreadsheet software
Microsoft NetMeeting	Video conferencing software

Detailed Technology	Technology Group
Microsoft Word	Word processing software
Word processing software	Word processing software

# **Licensing Information**

There is no data available for First-Line Supervisors of Construction Trades and Extraction Workers in Louisiana.

#### **Typical Knowledge Categories**

This section shows the most common knowledge categories required by First-Line Supervisors of Construction Trades and Extraction Workers 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)
Administration and Management	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.	78
Building and Construction	Knowledge of materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.	78
<u>Mechanical</u>	Knowledge of machines and tools, including their designs, uses, repair, and maintenance.	74
<u>Customer and</u> <u>Personal Service</u>	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.	68
English Language	Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.	68
<u>Design</u>	Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.	61
<u>Public Safety and</u> <u>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.	60
<u>Mathematics</u>	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.	58

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
Engineering and Technology	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.	54
Personnel and Human Resources	Knowledge of principles and procedures for personnel recruitment, selection, training, compensation and benefits, labor relations and negotiation, and personnel information systems.	51
Production and Processing	Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.	46
<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.	46
<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.	44
<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.	43
Law and Government	Knowledge of laws, legal codes, court procedures, precedents, government regulations, executive orders, agency rules, and the democratic political process.	41
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.	38
Economics and Accounting	Knowledge of economic and accounting principles and practices, the financial markets, banking and the analysis and reporting of financial data.	35
<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.	35

Knowledge Category	Knowledge Category Description	Rank by Importance (Out of 100)
Computers and Electronics	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.	31
<u>Telecommunications</u>	Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.	27
<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.	25
Communications and Media	Knowledge of media production, communication, and dissemination techniques and methods. This includes alternative ways to inform and entertain via written, oral, and visual media.	24
Therapy and Counseling	Knowledge of principles, methods, and procedures for diagnosis, treatment, and rehabilitation of physical and mental dysfunctions, and for career counseling and guidance.	23
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.	22

## **Typical Work Abilities Required**

This section shows the results of a national survey listing the most common work abilities required by First-Line Supervisors of Construction Trades and Extraction Workers in order of importance. Click on a link in the Work Ability column to view more detailed information.

Work Ability	Rank by Importance (Out of 100)
Oral Comprehension The ability to listen to and understand information and ideas presented through spoken words and sentences.	
Oral Expression The ability to communicate information and ide in speaking so others will understand.	eas 69
Problem Sensitivity  The ability to tell when something is wrong or involve solving to problem, only recognizing there is a problem.	

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
Information Ordering	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
Near Vision	The ability to see details at close range (within a few feet of the observer).	66
<u>Deductive</u> <u>Reasoning</u>	The ability to apply general rules to specific problems to produce answers that make sense.	60
Inductive Reasoning	The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).	56
Speech Clarity	The ability to speak clearly so others can understand you.	56
Written Comprehension	The ability to read and understand information and ideas presented in writing.	56
<u>Far Vision</u>	The ability to see details at a distance.	53
Manual Dexterity	The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects.	53
<u>Selective</u> <u>Attention</u>	The ability to concentrate on a task over a period of time without being distracted.	53
Speech Recognition	The ability to identify and understand the speech of another person.	53
Written Expression	The ability to communicate information and ideas in writing so others will understand.	53
<u>Category</u> <u>Flexibility</u>	The ability to generate or use different sets of rules for combining or grouping things in different ways.	50
Control Precision	The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions.	50
<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.	50
Fluency of Ideas	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
Mathematical Reasoning	The ability to choose the right mathematical methods or formulas to solve a problem.	50
<u>Perceptual</u> <u>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.	50
Time Sharing	The ability to shift back and forth between two or more activities or sources of information (such as speech, sounds, touch, or other sources).	50

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<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
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.	47
Flexibility of Closure	The ability to identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material.	47
Multilimb Coordination	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.	47
Number Facility	The ability to add, subtract, multiply, or divide quickly and correctly.	47
<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.	47
<u>Auditory</u> <u>Attention</u>	The ability to focus on a single source of sound in the presence of other distracting sounds.	44
Visual Color Discrimination	The ability to match or detect differences between colors, including shades of color and brightness.	44
<u>Hearing</u> <u>Sensitivity</u>	The ability to detect or tell the differences between sounds that vary in pitch and loudness.	41
Trunk Strength	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.	38
Depth Perception	The ability to judge which of several objects is closer or farther away from you, or to judge the distance between you and an object.	35
Reaction Time	The ability to quickly respond (with the hand, finger, or foot) to a signal (sound, light, picture) when it appears.	31
Spatial Orientation	The ability to know your location in relation to the environment or to know where other objects are in relation to you.	31
Static Strength	The ability to exert maximum muscle force to lift, push, pull, or carry objects.	31
Extent Flexibility	The ability to bend, stretch, twist, or reach with your body, arms, and/or legs.	28
Memorization	The ability to remember information such as words, numbers, pictures, and procedures.	28
Peripheral Vision	The ability to see objects or movement of objects to one's side when the eyes are looking ahead.	28
Speed of Closure	The ability to quickly make sense of, combine, and organize information into meaningful patterns.	28

Work Ability	Work Ability Description	Rank by Importance (Out of 100)
<u>Stamina</u>	The ability to exert yourself physically over long periods of time without getting winded or out of breath.	28
<u>Dynamic</u> <u>Strength</u>	The ability to exert muscle force repeatedly or continuously over time. This involves muscular endurance and resistance to muscle fatigue.	25
Glare Sensitivity	The ability to see objects in the presence of glare or bright lighting.	25
Gross Body Equilibrium	The ability to keep or regain your body balance or stay upright when in an unstable position.	25
Rate Control	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.	25
Response Orientation	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.	25
Gross Body Coordination	The ability to coordinate the movement of your arms, legs, and torso together when the whole body is in motion.	22
Sound Localization	The ability to tell the direction from which a sound originated.	22
Wrist-Finger Speed	The ability to make fast, simple, repeated movements of the fingers, hands, and wrists.	22
Explosive Strength	The ability to use short bursts of muscle force to propel oneself (as in jumping or sprinting), or to throw an object.	19
Night Vision	The ability to see under low light conditions.	19
Speed of Limb Movement	The ability to quickly move the arms and legs.	19
<u>Dynamic</u> <u>Flexibility</u>	The ability to quickly and repeatedly bend, stretch, twist, or reach out with your body, arms, and/or legs.	3

## **Typical Work Interests**

This section shows the results of a national survey listing the most common work interests for First-Line Supervisors of Construction Trades and Extraction Workers in order of importance.

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.	100

Work Interest	Work Interest Description	Rank by Importance (Out of 100)
Realistic	Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.	78
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.	61

## **Typical Work Styles**

This section shows the most common work styles required by First-Line Supervisors of Construction Trades and Extraction Workers 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)
Attention to Detail	Job requires being careful about detail and thorough in completing work tasks.	94
<u>Leadership</u>	Job requires a willingness to lead, take charge, and offer opinions and direction.	93
<u>Dependability</u>	Job requires being reliable, responsible, and dependable, and fulfilling obligations.	93
Self Control	Job requires maintaining composure, keeping emotions in check, controlling anger, and avoiding aggressive behavior, even in very difficult situations.	88
<u>Integrity</u>	Job requires being honest and ethical.	88
<u>Initiative</u>	Job requires a willingness to take on responsibilities and challenges.	87
Stress Tolerance	Job requires accepting criticism and dealing calmly and effectively with high stress situations.	84
<u>Persistence</u>	Job requires persistence in the face of obstacles.	84
<u>Cooperation</u>	Job requires being pleasant with others on the job and displaying a good-natured, cooperative attitude.	84
Analytical Thinking	Job requires analyzing information and using logic to address work-related issues and problems.	81
Achievement/Effort	Job requires establishing and maintaining personally challenging achievement goals and exerting effort toward mastering tasks.	81

Work Style	Work Style Description	Rank by Importance (Out of 100)
Adaptability/Flexibility	Job requires being open to change (positive or negative) and to considerable variety in the workplace.	81
<u>Independence</u>	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.	80
Concern for Others	Job requires being sensitive to others' needs and feelings and being understanding and helpful on the job.	70
Social Orientation	Job requires preferring to work with others rather than alone, and being personally connected with others on the job.	69
<u>Innovation</u>	Job requires creativity and alternative thinking to develop new ideas for and answers to work-related problems.	68

## **Related Occupations**

This section shows a list of occupations related to First-Line Supervisors of Construction Trades and Extraction Workers. Click an occupation title to see more information about that occupation.

Rank	Related Occupations	Duties	*Related By
1	<u>Solar Energy</u> <u>Installation</u> <u>Managers</u> • <i>■</i>	Direct work crews installing residential or commercial solar photovoltaic or thermal systems.	SOC4
2	Commercial Divers	Work below surface of water, using scuba gear to inspect, repair, remove, or install equipment and structures. May use a variety of power and hand tools, such as drills, sledgehammers, torches, and welding equipment. May conduct tests or experiments, rig explosives, or photograph structures or marine life.	O*NET
3	Construction Managers ❖ ≠	Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing.	O*NET
4	Explosives Workers, Ordnance Handling Experts, and Blasters	Place and detonate explosives to demolish structures or to loosen, remove, or displace earth, rock, or other materials. May perform specialized handling, storage, and accounting procedures. Includes seismograph shooters.	O*NET

Rank	Related Occupations	Duties	*Related By
5	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	Directly supervise and coordinate activities of workers engaged in landscaping or groundskeeping activities. Work may involve reviewing contracts to ascertain service, machine, and workforce requirements; answering inquiries from potential customers regarding methods, material, and price ranges; and preparing estimates according to labor, material, and machine costs.	O*NET
6	Manufactured Building and Mobile Home Installers	Move or install mobile homes or prefabricated buildings.	O*NET
7	<u>Pipe Fitters and</u> <u>Steamfitters</u> ◆ <i>■</i>	Lay out, assemble, install, or maintain pipe systems, pipe supports, or related hydraulic or pneumatic equipment for steam, hot water, heating, cooling, lubricating, sprinkling, or industrial production or processing systems.	O*NET
8	<u>Plumbers</u> ◆ ≠	Assemble, install, or repair pipes, fittings, or fixtures of heating, water, or drainage systems, according to specifications or plumbing codes.	O*NET
9	<u>Surveying</u> <u>Technicians</u>	Adjust and operate surveying instruments, such as the theodolite and electronic distance-measuring equipment, and compile notes, make sketches and enter data into computers.	O*NET
10	<u>Surveyors</u>	Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes.	O*NET
11	Aircraft Cargo Handling Supervisors	Supervise and coordinate the activities of ground crew in the loading, unloading, securing, and staging of aircraft cargo or baggage. May determine the quantity and orientation of cargo and compute aircraft center of gravity. May accompany aircraft as member of flight crew and monitor and handle cargo in flight, and assist and brief passengers on safety and emergency procedures. Includes loadmasters.	O*NET
12	<u>Aquacultural</u> <u>Managers</u>	Direct and coordinate, through subordinate supervisory personnel, activities of workers engaged in fish hatchery production for corporations, cooperatives, or other owners.	O*NET
13	Athletes and Sports Competitors	Compete in athletic events.	O*NET
14	Coaches and Scouts	Instruct or coach groups or individuals in the fundamentals of sports. Demonstrate techniques and methods of participation. May evaluate athletes' strengths and weaknesses as possible recruits or to improve the athletes' technique to prepare them for competition. Those required to hold teaching degrees should be reported in the appropriate teaching category.	O*NET

Rank	Related Occupations	Duties	*Related By
15	Correctional Officers and Jailers	Guard inmates in penal or rehabilitative institutions in accordance with established regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, or other point. Includes deputy sheriffs and police who spend the majority of their time guarding prisoners in correctional institutions.	O*NET
16	Criminal Investigators and Special Agents	Investigate alleged or suspected criminal violations of Federal, state, or local laws to determine if evidence is sufficient to recommend prosecution.	O*NET
17	First-Line Supervisors of Animal Husbandry and Animal Care Workers	Directly supervise and coordinate activities of animal husbandry or animal care workers.	O*NET
18	First-Line Supervisors of Aquacultural Workers	Directly supervise and coordinate activities of aquacultural workers.	O*NET
19	First-Line Supervisors of Correctional Officers	Directly supervise and coordinate activities of correctional officers and jailers.	O*NET
20	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	Directly supervise and coordinate the activities of helpers, laborers, or material movers.	O*NET
21	First-Line Supervisors of Logging Workers	Directly supervise and coordinate activities of logging workers.	O*NET
22	First-Line Supervisors of Mechanics, Installers, and Repairers	Directly supervise and coordinate the activities of mechanics, installers, and repairers.	O*NET
23	First-Line Supervisors of Personal Service Workers	Directly supervise and coordinate activities of personal service workers, such as flight attendants, hairdressers, or caddies.	O*NET
24	First-Line Supervisors of Production and Operating Workers	Directly supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators.	O*NET

Rank	Related Occupations	Duties	*Related By
25	First-Line Supervisors of Transportation and Material- Moving Machine and Vehicle Operators	Directly supervise and coordinate activities of transportation and material-moving machine and vehicle operators and helpers.	O*NET
26	<u>Food Service</u> <u>Managers</u>	Plan, direct, or coordinate activities of an organization or department that serves food and beverages.	O*NET
27	Forest and Conservation Technicians	Provide technical assistance regarding the conservation of soil, water, forests, or related natural resources. May compile data pertaining to size, content, condition, and other characteristics of forest tracts, under the direction of foresters; or train and lead forest workers in forest propagation, fire prevention and suppression. May assist conservation scientists in managing, improving, and protecting rangelands and wildlife habitats.	O*NET
28	Forest and Conservation Workers	Under supervision, perform manual labor necessary to develop, maintain, or protect areas such as forests, forested areas, woodlands, wetlands, and rangelands through such activities as raising and transporting seedlings; combating insects, pests, and diseases harmful to plant life; and building structures to control water, erosion, and leaching of soil. Includes forester aides, seedling pullers, and tree planters.	O*NET
29	Forest Fire Fighting and Prevention Supervisors	Supervise fire fighters who control and suppress fires in forests or vacant public land.	O*NET
30	<u>Gaming</u> <u>Managers</u> ◆	Plan, direct, or coordinate gaming operations in a casino. May formulate house rules.	O*NET
31	Government Property Inspectors and Investigators	Investigate or inspect government property to ensure compliance with contract agreements and government regulations.	O*NET
32	Industrial Production Managers	Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.	O*NET
33	Licensing Examiners and Inspectors	Examine, evaluate, and investigate eligibility for, conformity with, or liability under licenses or permits.	O*NET
34	Maintenance and Repair Workers, General	Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting; boiler making; insulating; welding; machining; carpentry; repairing electrical or mechanical equipment; installing, aligning, and balancing new equipment; and repairing buildings, floors, or stairs.	O*NET

Rank	Related Occupations	Duties	*Related By
35	Morticians, Undertakers, and Funeral Directors	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
36	Municipal Fire Fighting and Prevention Supervisors	Supervise fire fighters who control and extinguish municipal fires, protect life and property, and conduct rescue efforts.	O*NET
37	<u>Municipal</u> <u>Firefighters</u>	Control and extinguish municipal fires, protect life and property and conduct rescue efforts.	O*NET
38	Nursery and Greenhouse Managers	Plan, organize, direct, control, and coordinate activities of workers engaged in propagating, cultivating, and harvesting horticultural specialties, such as trees, shrubs, flowers, mushrooms, and other plants.	O*NET
39	<u>Police</u> <u>Detectives</u>	Conduct investigations to prevent crimes or solve criminal cases.	O*NET
40	Police Patrol Officers	Patrol assigned area to enforce laws and ordinances, regulate traffic, control crowds, prevent crime, and arrest violators.	O*NET
41	Sheriffs and Deputy Sheriffs	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
42	Ship and Boat Captains	Command vessels in oceans, bays, lakes, rivers, or coastal waters.	O*NET
43	<u>Ship Engineers</u>	Supervise and coordinate activities of crew engaged in operating and maintaining engines, boilers, deck machinery, and electrical, sanitary, and refrigeration equipment aboard ship.	O*NET
44	Storage and Distribution Managers	Plan, direct, or coordinate the storage or distribution operations within an organization or the activities of organizations that are engaged in storing or distributing materials or products.	O*NET

BRIGHT OUTLOOK NATIONALLY PREEN OCCUPATIONS

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

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

#### **Career Ladder**

This section shows the top 10 occupations and the corresponding individuals in the workforce system who were previously First-Line Supervisors of Construction Trades and Extraction Workers and have changed their occupation over the last 5 years.

Occupation Title	Number of Individuals that Moved	Percentage of Individuals that Moved
Pipe Fitters and Steamfitters • •	342	17.93%
Construction Carpenters ❖ ►	273	14.32%

Occupation Title	Number of Individuals that Moved	Percentage of Individuals that Moved
Construction Managers • •	254	13.32%
Construction Laborers • •	240	12.59%
<u>Electricians</u>	164	8.60%
First-Line Supervisors of Production and Operating Workers	155	8.13%
Operating Engineers and Other Construction Equipment Operators • •	139	7.29%
Welders, Cutters, and Welder Fitters	121	6.35%
<u>Boilermakers</u> ≠	120	6.29%
Painters, Construction and Maintenance	99	5.19%

S BRIGHT OUTLOOK NATIONALLY | F GREEN OCCUPATIONS

Source: Individuals with active résumés in the workforce system.

