Narrowing the Gap: Building Louisiana’s Workforce Together

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LWC Executive Director
Focus on the Future

Short- and Long-Term Forecasts

Gap Analysis

Aligning Education and Training with Employer Demand
Occupational Forecast – Short Term

2016: 2,106,700 Jobs

• 1.3% growth annually
• 91,000 new and replacement jobs per year
## Fastest-Growing Industries 
### Short Term

<table>
<thead>
<tr>
<th>NAICS</th>
<th>Industry</th>
<th>Hist 2013</th>
<th>Proj 2016</th>
<th>Annual Growth (Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>237</td>
<td>Heavy and Civil Engineering Construction</td>
<td>40,919</td>
<td>53,234</td>
<td>10.0%</td>
</tr>
<tr>
<td>238</td>
<td>Specialty Trade Contractors</td>
<td>65,532</td>
<td>79,520</td>
<td>7.1%</td>
</tr>
<tr>
<td>483</td>
<td>Water Transportation</td>
<td>11,584</td>
<td>12,978</td>
<td>4.0%</td>
</tr>
<tr>
<td>562</td>
<td>Waste Management and Remediation Services</td>
<td>8,882</td>
<td>9,824</td>
<td>3.5%</td>
</tr>
<tr>
<td>333</td>
<td>Machinery Manufacturing</td>
<td>16,654</td>
<td>18,284</td>
<td>3.3%</td>
</tr>
<tr>
<td>493</td>
<td>Warehousing and Storage</td>
<td>7,204</td>
<td>7,852</td>
<td>3.0%</td>
</tr>
<tr>
<td>541</td>
<td>Professional, Scientific and Technical Services</td>
<td>86,613</td>
<td>94,200</td>
<td>2.9%</td>
</tr>
<tr>
<td>488</td>
<td>Support Activities for Transportation</td>
<td>20,135</td>
<td>21,717</td>
<td>2.6%</td>
</tr>
<tr>
<td>721</td>
<td>Accommodation</td>
<td>28,954</td>
<td>31,026</td>
<td>2.4%</td>
</tr>
<tr>
<td>621</td>
<td>Ambulatory Health Care Services</td>
<td>92,055</td>
<td>98,405</td>
<td>2.3%</td>
</tr>
</tbody>
</table>
2022: 2,262,770 Jobs

• 1.3% growth annually
• 74,000 new and replacement jobs per year
# Fastest-Growing Industries

**Long Term**

<table>
<thead>
<tr>
<th>NAICS</th>
<th>Industry</th>
<th>Hist 2013</th>
<th>Proj 2022</th>
<th>Annual Growth (Average)</th>
</tr>
</thead>
<tbody>
<tr>
<td>483</td>
<td>Water Transportation</td>
<td>11,584</td>
<td>14,506</td>
<td>2.8%</td>
</tr>
<tr>
<td>624</td>
<td>Social Assistance (Child Care)</td>
<td>42,664</td>
<td>52,882</td>
<td>2.7%</td>
</tr>
<tr>
<td>493</td>
<td>Warehousing and Storage</td>
<td>7,204</td>
<td>8,887</td>
<td>2.6%</td>
</tr>
<tr>
<td>541</td>
<td>Professional, Scientific and Technical Services</td>
<td>86,613</td>
<td>106,227</td>
<td>2.5%</td>
</tr>
<tr>
<td>621</td>
<td>Ambulatory Health Care Services</td>
<td>92,055</td>
<td>112,068</td>
<td>2.4%</td>
</tr>
<tr>
<td>325</td>
<td>Chemical Manufacturing</td>
<td>23,322</td>
<td>27,937</td>
<td>2.2%</td>
</tr>
<tr>
<td>551</td>
<td>Management of Companies and Enterprises</td>
<td>25,253</td>
<td>30,223</td>
<td>2.2%</td>
</tr>
<tr>
<td>331</td>
<td>Primary Metal Manufacturing</td>
<td>3,187</td>
<td>3,814</td>
<td>2.2%</td>
</tr>
<tr>
<td>488</td>
<td>Support Activities for Transportation</td>
<td>20,135</td>
<td>23,734</td>
<td>2.0%</td>
</tr>
<tr>
<td>511</td>
<td>Publishing Industries</td>
<td>3,551</td>
<td>4,180</td>
<td>2.0%</td>
</tr>
</tbody>
</table>
Gap Analysis – Critical Fields in Economic Driver Industries

Computer and Information Science

Total Needed Annually by 2016 = 1,180

Total Needed Annually by 2022 = 1,156
Gap Analysis – Critical Fields in Economic Driver Industries

Engineering

Total Needed Annually by 2016 = 404

Total Needed Annually by 2022 = 495
Gap Analysis – Critical Fields in Economic Driver Industries

Engineering Technology

- Short-Term Needs, 1939
- Long-Term Needs, 1717

Total Needed Annually by 2016 = 4,190
Total Needed Annually by 2022 = 3,968

Annual Completers, 2251
Annual Completers, 2251
Gap Analysis – Critical Fields in Economic Driver Industries

Construction Trades

Total Needed Annually by 2016 = 8,336

Total Needed Annually by 2022 = 5,558
Gap Analysis – Critical Fields in Economic Driver Industries

Mechanic and Repair Technology

Total Needed Annually by 2016 = 2,795

Total Needed Annually by 2022 = 2,340

Short-Term Needs, 2030
- Annual Completers 765

Long-Term Needs, 1575
- Annual Completers 765
Gap Analysis – Critical Fields in Economic Driver Industries

Precision Production

Total Needed Annually by 2016 = 4,065

Total Needed Annually by 2022 = 3,211
Gap Analysis – Critical Fields in Economic Driver Industries

Transportation and Material Moving

Total Needed Annually by 2016 = 2,505

- Short-Term Needs, 1908
- Annual Completers 597

Total Needed Annually by 2022 = 1,688

- Long-Term Needs, 1091
- Annual Completers 597
Gap Analysis – Critical Fields in Economic Driver Industries

Business Management

Total Needed Annually by 2016 = 2,330

Total Needed Annually by 2022 = 2,083

Short-Term Needs, 642

Annual Completers 1688

Long-Term Need 395

Annual Completers 1688
Projected Growth by Region
(annual percentage)

National Growth Projection
(1.1%)
Jobs Availability by Degree
Short-Term

- Postsecondary Vocational: 29,670
- Some college, no degree: 310
- Associate's: 6,650
- Bachelor's or higher: 13,670
Jobs Availability by Degree

Long Term

Annual Openings

- Postsecondary Vocational: 21,010
- Some college, no degree: 290
- Associate’s: 3,000
- Bachelor’s or higher: 11,841
Employer Demand-Driven Change

- Employer Demand
  - Aligned Education Systems
  - Aligned Workforce Systems

Tools
- Jump Start
- WISE Fund
- New Tools
Aligning Education and Demand

Jump Start
- High school programs geared for employment demand
- Career and technical education
- Dual enrollment

WISE Fund
- Aligns universities, LCTCS with demand
- Private match strengthens alignment
- Boost education and training capacity for top-rated occupations
Aligning the Workforce System

Emerging workforce
• Veterans
• Under-educated
• Unemployed
• People with disabilities
• Ex-offenders

Targeted workforce spending
• Training only for high-wage, high-demand jobs

Outreach and recruitment
in the Delta
Goals Moving Forward

Combat stigma of vocational/technical education

Emphasize importance of field, not only degree

Build sustainable, diverse workforce
Connect with Us

Twitter, Facebook and Instagram: @LouisianaWorks

LinkedIn: Search “Louisiana Workforce Commission”
Any Questions?