Connecticut’s Manufacturing Workers
Age Profile and Implications for Earnings
Local Employment Dynamics (LED) Partnership
Annual Workshop
Suitland, Maryland

Patrick J. Flaherty
Assistant Director of Research
Connecticut Department of Labor

September 4, 2019
Outline

1. Manufacturing Overview

2. Insight from Quarterly Workforce Indicators
Outline

1. Manufacturing Overview

2. Insight from Quarterly Workforce Indicators
Total vs. Manufacturing Employment
Connecticut

Source: Quarterly Census of Employment and Wages (QCEW) four quarter moving average
Manufacturing Industry Job Ads % of Total Ads by State - July 2019

- Wisconsin: 10.5%
- Connecticut: 10.2%
- Michigan: 9.8%
- New Hampshire: 9.0%
- Minnesota: 8.4%
- Indiana: 8.3%
- Iowa: 8.3%
- Kansas: 8.3%
- Ohio: 8.3%
- New Jersey: 8.1%
- Alabama: 8.0%
- Arkansas: 7.9%
- Illinois: 7.7%
- South Dakota: 7.7%
- Mississippi: 7.6%
- Utah: 7.5%
- North Carolina: 7.3%
- Pennsylvania: 7.3%
- Georgia: 7.1%
- Kentucky: 7.1%
- South Carolina: 7.1%
- Massachusetts: 7.0%
- Oregon: 7.0%
- Missouri: 6.9%
- California: 6.8%
- United States: 6.8%
Manufacturing Overview
Insight from Quarterly Workforce Indicators

Manufacturing On-line Job Postings
Connecticut

Source: HWOL / Burning Glass
Average Annual Wage
Connecticut

Source: Quarterly Census of Employment and Wages (QCEW) four quarter moving average
Average Annual Wage
Connecticut

Source: Quarterly Census of Employment and Wages (QCEW) four quarter moving average
Outline

1. Manufacturing Overview

2. Insight from Quarterly Workforce Indicators
Portion of Employment Age 55 and Over
Connecticut
Average Monthly Earnings
CT Manufacturing Hires and Separations

Separations
Stable Hires
Average Monthly Earnings
Connecticut Stable Employment

- Year Ending 2018 Q2

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Total - All NAICS Sectors</th>
<th>Manufacturing</th>
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<tbody>
<tr>
<td>14-18</td>
<td>1000</td>
<td>800</td>
</tr>
<tr>
<td>19-21</td>
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<td>1800</td>
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<td>45-54</td>
<td>6000</td>
<td>5800</td>
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<tr>
<td>55-64</td>
<td>7000</td>
<td>6800</td>
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<tr>
<td>65-99</td>
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Connecticut Stable Hires
Change by Age

Based on 4-quarter moving average
CT Manufacturing Stable Hires
Change by Age

Based on 4-quarter moving average
## Change in Stable New Hires

**By Age Group and Industry**

### 2010 to 2018

<table>
<thead>
<tr>
<th>Age Group</th>
<th>All Industries</th>
<th>Manufacturing</th>
<th>Difference</th>
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<tbody>
<tr>
<td>14 to 18</td>
<td>13%</td>
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<tr>
<td>19 to 21</td>
<td>17%</td>
<td>84%</td>
<td>67%</td>
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<td>22 to 24</td>
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<td>138%</td>
<td>103%</td>
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<td>52%</td>
<td>144%</td>
<td>92%</td>
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<tr>
<td>35 to 44</td>
<td>27%</td>
<td>67%</td>
<td>40%</td>
</tr>
<tr>
<td>45 to 54</td>
<td>29%</td>
<td>47%</td>
<td>18%</td>
</tr>
<tr>
<td>55 to 64</td>
<td>75%</td>
<td>143%</td>
<td>69%</td>
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<tr>
<td>69 to 99</td>
<td>95%</td>
<td>100%</td>
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Connecticut Stable Separations
Change by Age

Based on 4-quarter moving average
CT Manufacturing Stable Separations
Change by Age

Based on 4-quarter moving average
Change in Stable Separations
By Age Group and Industry

<table>
<thead>
<tr>
<th>Age Group</th>
<th>All Industries</th>
<th>Manufacturing</th>
<th>Difference</th>
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</thead>
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<tr>
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<td>6%</td>
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<td>19 to 21</td>
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<td>18%</td>
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<td>28%</td>
<td>37%</td>
<td>9%</td>
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<tr>
<td>35 to 44</td>
<td>8%</td>
<td>6%</td>
<td>-2%</td>
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<tr>
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<td>11%</td>
<td>4%</td>
<td>-6%</td>
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<tr>
<td>55 to 64</td>
<td>30%</td>
<td>39%</td>
<td>9%</td>
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<tr>
<td>69 to 99</td>
<td>36%</td>
<td>56%</td>
<td>20%</td>
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Average Monthly Earnings
CT Manufacturing Stable Hires and Separations

- New Hires
- Separations

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<th>Age Range</th>
<th>New Hires</th>
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<td>2000</td>
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<tr>
<td>35-44</td>
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<td>2500</td>
</tr>
<tr>
<td>45-54</td>
<td>6000</td>
<td>3000</td>
</tr>
<tr>
<td>55-64</td>
<td>7000</td>
<td>3500</td>
</tr>
<tr>
<td>65-99</td>
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</tbody>
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