The outbreak of the coronavirus (COVID-19) has caused widespread global business and human rights-related concerns throughout the Responsible Business Alliance (RBA) and stakeholder communities. This is the third factory survey in a series of three to measure the impact of the health crisis in manufacturing. The focus of this RBA Brief is to provide updated information gathered from factory-level surveys conducted May 11, 2020 to May 18, 2020 globally. The results represent a statistically significant sample of the global supply chains of RBA members that have registered accounts in RBA-Online. The data represents a 95% confidence level with a +/- 5.8% margin of error. The survey went to a total of 8,281 unique factories in 28 countries and received 309 responses (n=309). At the time the first survey launched, approximately 113,500* people had been infected globally and approximately 4,000* had died as a result of the virus. At the time of this writing (May 20, 2020) the number of infected has increased to over 5,000,000* and the death toll has exceeded 329,000*, meaning the recorded global death toll has increased more than 82 times since the data we reported in March. (*Data Source: Johns Hopkins University COVID19 map)

The trend analysis shows a recovery period is starting in capability and workforce, particularly in China.

Key data points:

In China, respondents said...

- 57% of factories are back at 100% production capacity, a significant increase from 33% reported in Survey #2
- 9% of factories are operating at below 50% capacity, down from 14% of factories in Survey #2, suggesting recovery
- 72% of factories are back to 100% of the workforce, a significant increase from 36% in Survey #2
- 95% of factories have greater than 75% of their workforce returned to work, up from 71% in Survey #2
- 7% of factories report a “large” negative impact to revenue, a noticeable drop from 11% reported in Survey #2

Globally, respondents said...

- 51% of factories are not functioning at full capacity, showing a recovery from Survey #2.
- 58% are receiving funding assistance from the local government, versus 55% in Survey #2
- 35% of factories are paying workers who have not returned to work, versus 47% in Survey #2
- 84% believe they can catch up on production in less than one month of production, versus 82% in Survey #2
- 78% of factories are seeing a negative impact to their revenue, versus 79% in Survey #2

Below are some additional graphs and maps to help readers visualize the trends of the COVID-19 virus on global electronics manufacturing.
COVID-19: Workforce Availability Impact Among Top Manufacturing Countries

- India
- Indonesia
- Malaysia
- Mexico
- Nepal
- Philippines
- Taiwan
- Thailand
- United States

- 100% of Workforce Available
- 90% of Normal Workforce
- 75% of Normal Workforce
- 50% of Normal Workforce
- 25% of Normal Workforce
- 10% of Normal Workforce
- 0% of Normal Workforce

March

April

May
COVID-19 Impact in Detail: China

**Revenue Impact**
- Large Revenue Impact
- Medium Revenue Impact
- Small Revenue Impact
- No Revenue Impact

**Workforce Availability Impact**
- 100% of Workforce Available
- 90% of Normal Workforce
- 75% of Normal Workforce
- 50% of Normal Workforce
- 25% of Normal Workforce
- 10% of Normal Workforce
- 0% of Normal Workforce

**Production Capacity Impact**
- 100% Production
- 90% of Normal Production
- 75% of Normal Production
- 50% of Normal Production
- 25% of Normal Production
- 10% of Normal Production
- No Production

**COVID-19 Impact in Detail: China**
- March
- April
- May

- China
- No Production
- 10% of Normal Production
- 25% of Normal Production
- 50% of Normal Production
- 75% of Normal Production
- 90% of Normal Production
- 100% Production
COVID-19 Impact Survey - Survey 3 - May 2020

Where are people back to work?

North & South America
- Brazil
- Chile
- Mexico
- United States

Europe & Middle East
- Austria
- Czech Republic
- France
- Germany
- Hungary
- Italy
- Lithuania
- Netherlands
- Slovakia
- Spain
- Switzerland
- Turkey
- United Kingdom

Asia
- China
- Hong Kong
- Indonesia
- Japan
- Malaysia
- Nepal
- Philippines
- Singapore
- South Korea
- Taiwan
- Thailand
- Vietnam

Where are revenue impacts the greatest?

Where are capacity impacts the greatest?

<table>
<thead>
<tr>
<th>Country</th>
<th>Impact to Revenue</th>
<th>Impacts to Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>Large Impact</td>
<td>Large Impact</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>Medium Impact</td>
<td>Medium Impact</td>
</tr>
<tr>
<td>Japan</td>
<td>Small Impact</td>
<td>Small Impact</td>
</tr>
<tr>
<td>Malaysia</td>
<td>Large Impact</td>
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<tr>
<td>Nepal</td>
<td>Medium Impact</td>
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<tr>
<td>Philippines</td>
<td>Large Impact</td>
<td>Large Impact</td>
</tr>
<tr>
<td>Singapore</td>
<td>Medium Impact</td>
<td>Medium Impact</td>
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<tr>
<td>South Korea</td>
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<tr>
<td>Taiwan</td>
<td>Medium Impact</td>
<td>Medium Impact</td>
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<tr>
<td>Thailand</td>
<td>Medium Impact</td>
<td>Medium Impact</td>
</tr>
<tr>
<td>Vietnam</td>
<td>Large Impact</td>
<td>Large Impact</td>
</tr>
</tbody>
</table>

% of Workforce Back at Work
- 0%-10%
- 11%-25%
- 26%-50%
- 51%-75%
- 76%-99%
- 100%

Impact to Revenue
- Large Impact
- Medium Impact
- Small Impact

Percentage of Normal Production Capacity
- 0%-10%
- 11%-25%
- 26%-50%
- 51%-75%
- 76%-99%
- 100%
Respondent Facilities by Country - May 2020

- China: 28%
- United States: 18%
- Other: 21%
- Singapore: 3%
- South Korea: 3%
- Vietnam: 4%
- Malaysia: 4%
- Taiwan: 9%
- Japan: 9%
- Thailand: 4%
- Hong Kong: 3%