GVC and Trade
Global business confidence index and Asia's trade growth

Confidence index

% y-o-y, 3-mo ma

Global business confidence index (left)  Trade value growth (right)
Trade volume growth (right)

Notes: Trade volume growth (data available up to March 2020) was computed using volume indexes. For each period and trade flow type (i.e., imports and exports), available data include indexes for Japan and the People's Republic of China, and an aggregate index for selected Asian countries, which include Hong Kong, China; India; Indonesia; Malaysia; Pakistan; the Philippines; the Republic of Korea; Singapore; Taipei, China; Thailand; and Viet Nam. To come up with an index for Asia, trade values were used as weights for the computations. On the other hand, trade value levels and growth rates were computed by aggregating import and export values of the same Asian economies. Global business confidence index represents Organisation for Economic Co-operation and Development economies.

GDP = C + I + G + (X-M)

- Consumption
- Investment
- Government spending
- Net exports
Country A: GDP = C-C_M + I-I_M+ G-G_M+ (X-X_M)

Country B: GDP = C-C_M + I-I_M+ G-G_M+ (X-X_M)
## Decomposition of Gross Exports (Asia)

<table>
<thead>
<tr>
<th>Year</th>
<th>DVA</th>
<th>FVA</th>
<th>RDV</th>
<th>PDC</th>
<th>GVC participation rate</th>
<th>Complex GVC participation rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>76.3</td>
<td>16.7</td>
<td>0.8</td>
<td>6.2</td>
<td>66.9</td>
<td>40.7</td>
</tr>
<tr>
<td>2010</td>
<td>74.6</td>
<td>17.8</td>
<td>1.0</td>
<td>6.6</td>
<td>68.7</td>
<td>41.7</td>
</tr>
<tr>
<td>2011</td>
<td>73.0</td>
<td>18.5</td>
<td>1.1</td>
<td>7.3</td>
<td>69.7</td>
<td>43.6</td>
</tr>
<tr>
<td>2012</td>
<td>73.6</td>
<td>18.4</td>
<td>1.2</td>
<td>6.9</td>
<td>69.1</td>
<td>42.1</td>
</tr>
<tr>
<td>2013</td>
<td>73.7</td>
<td>18.2</td>
<td>1.2</td>
<td>6.9</td>
<td>69.3</td>
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<td>76.9</td>
<td>16.2</td>
<td>1.2</td>
<td>5.8</td>
<td>67.2</td>
<td>38.8</td>
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<td>2017</td>
<td>75.7</td>
<td>16.8</td>
<td>1.2</td>
<td>6.3</td>
<td>67.9</td>
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<td>41.1</td>
</tr>
</tbody>
</table>
GVC linkages (PRC Export to US)
- Electrical and optical equipment ($ million) -

Sources: ADB calculations using data from ADB. Multi-Regional Input-Output Tables; and methodology by Wang, Wei, and Zhu (2014).
GVC = global value chain; RVC = regional value chain; PRC = People’s Republic of China; Lao PDR = Lao People’s Democratic Republic.

Notes: RVC–GVC intensity is the ratio of RVC participation and GVC participation rates. The straight vertical lines indicate the value for Asia in 2018.

Sources: ADB calculations using data from ADB Multi-Regional Input–Output Tables; and methodology by Wang, Wei, and Zhu.
Spare Slides
Growing services trade

Growth in Asia’s Exports of Goods, Services, and Travel, 2005–2017

Sources: ADB and WTO
Tourism as an important sources of income

Top 10 Recipients of Tourism Receipts, 2017 (% of GDP)

- Maldives
- Palau
- Fiji
- Samoa
- Georgia
- Cambodia
- Thailand
- Hong Kong, China
- Tonga
- Armenia

Note: 2017 data were not available for some economies with substantial tourist receipts (as share of GDP and in per capita terms).

Sources: ADB calculations using data from International Monetary Fund. World Economic Outlook; United Nations World Tourism Organization. Tourism Satellite Accounts; and World Bank. World Development Indicators.