INDUSTRY SPOTLIGHTS
HOW AI BOOSTS INDUSTRY PROFITS AND INNOVATION
THE 16 INDUSTRIES IN OUR SAMPLE

We modeled the economic impact of artificial intelligence (AI) in 16 industries:

- Agriculture, Forestry and Fishing
- Accommodation and Food Services
- Arts, Entertainment and Recreation
- Construction
- Education
- Financial Services
- Healthcare
- Information and Communication
- Manufacturing
- Other Services
- Public Services
- Professional Services
- Social Services
- Transportation and Storage
- Utilities
- Wholesale and Retail

Our analysis reflects annual growth rates in 2035 of gross value added (a close approximation of GDP), comparing baseline growth in 2035 to an artificial intelligence scenario where AI has been absorbed into the economy.

Source: Accenture and Frontier Economics
INDUSTRY SPOTLIGHTS - HOW AI BOOSTS INDUSTRY PROFITS AND INNOVATION

ACCOMMODATION AND FOOD SERVICES
Gross value added (GVA) in 2035 (US$ billion)

AGRICULTURE, FORESTRY AND FISHING
GVA in 2035 (US$ billion)
ARTS, ENTERTAINMENT AND RECREATION

GVA in 2035 (US$ billion)

BASELINE

AI STEADY STATE

CONSTRUCTION

GVA in 2035 (US$ billion)

BASELINE

AI STEADY STATE
**EDUCATION**
GVA in 2035 (US$ billion)

**BASELINE**
GVA: 1,058

**AI STEADY STATE**
GVA: 1,058

TOTAL GVA: US$1,168B

**FINANCIAL SERVICES**
GVA in 2035 (US$ billion)

**BASELINE**
GVA: 3,419

**AI STEADY STATE**
GVA: 3,419

TOTAL GVA: US$4,572B

- **Intelligent automation**
- **Augmentation**
- **Total factor productivity (TFP)**
HEALTHCARE
GVA in 2035 (US$ billion)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>AI Steady State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total GVA: US$</td>
<td>2,260</td>
<td>2,260</td>
</tr>
<tr>
<td>+ US$ 461B</td>
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</table>

INFORMATION AND COMMUNICATION
GVA in 2035 (US$ billion)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>AI Steady State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total GVA: US$</td>
<td>3,716</td>
<td>3,716</td>
</tr>
<tr>
<td>+ US$ 951B</td>
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<td></td>
</tr>
</tbody>
</table>

Legend:
- Intelligent automation
- Augmentation
- Total factor productivity (TFP)
**MANUFACTURING**

GVA in 2035 (US$ billion)

- **Baseline**: $8,397
- **AI Steady State**: $8,397
- **Total GVA**: $12,173B

**Other Services**

GVA in 2035 (US$ billion)

- **Baseline**: $535
- **AI Steady State**: $535
- **Total GVA**: $629B
PROFESSIONAL SERVICES
GVA in 2035 (US$ billion)

<table>
<thead>
<tr>
<th></th>
<th>TOTAL GVA:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>US$ 9,318B</td>
<td>US$ 9,318B</td>
</tr>
<tr>
<td>Baseline</td>
<td>7,472</td>
<td>7,472</td>
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<tr>
<td>AI Steady State</td>
<td>+ US$ 1,846B</td>
<td>1,176</td>
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</table>

PUBLIC SERVICES
GVA in 2035 (US$ billion)

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<thead>
<tr>
<th></th>
<th>TOTAL GVA:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>US$ 4,927B</td>
<td>US$ 4,927B</td>
</tr>
<tr>
<td>Baseline</td>
<td>3,988</td>
<td>3,988</td>
</tr>
<tr>
<td>AI Steady State</td>
<td>+ US$ 939B</td>
<td>262</td>
</tr>
</tbody>
</table>

**Intelligent automation**

**Augmentation**

**Total factor productivity (TFP)**
**Social Services**

GVA in 2035 (US$ billion)

Baseline: 1,078

AI Steady State: 1,078

+ US$ 216B

Total GVA: US$ 1,294B

- Intelligent automation: 49
- Augmentation: 36
- Total factor productivity (TFP): 132

**Transportation and Storage**

GVA in 2035 (US$ billion)

Baseline: 2,131

AI Steady State: 2,131

+ US$ 744B

Total GVA: US$ 2,875B

- Intelligent automation: 63
- Augmentation: 300
- Total factor productivity (TFP): 381
**UTILITIES**

GVA in 2035 (US$ billion)

<table>
<thead>
<tr>
<th>Baseline</th>
<th>AI Steady State</th>
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<tbody>
<tr>
<td>6,179</td>
<td>962</td>
</tr>
<tr>
<td>+ US$ 304B</td>
<td>962 + US$ 304B</td>
</tr>
<tr>
<td><strong>TOTAL GVA:</strong></td>
<td><strong>US$ 1,265B</strong></td>
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**W HOLESALE AND RETAIL**

GVA in 2035 (US$ billion)

<table>
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<tr>
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<th>AI Steady State</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,179</td>
<td>962</td>
</tr>
<tr>
<td>+ US$ 2,225B</td>
<td>962 + US$ 2,225B</td>
</tr>
<tr>
<td><strong>TOTAL GVA:</strong></td>
<td><strong>US$ 8,404B</strong></td>
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- **Intelligent automation**
- **Augmentation**
- **Total factor productivity (TFP)**
Read the full report:
How AI boosts industry profits and innovation

www.accenture.com/aiboostsprofits

Interested in AI?
Read our report on the impact of AI on 12 economies “Why artificial intelligence is the future of growth”

www.accenture.com/futureofai

Source for graphics:
Accenture and Frontier Economics
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