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

Intelligent automation
Augmentation
Total factor productivity (TFP)

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

TOTAL GVA: US$1,998B
+ US$ 489B
TOTAL GVA: US$ 768B
+ US$ 215B

BASELINE
1,508
280
554

AI STEADY STATE
1,508
280
554

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

TOTAL GVA: US$1,998B
TOTAL GVA: US$ 768B

BASELINE
1,508
18
91
10

AI STEADY STATE
1,508
280
554

Intelligent automation
Augmentation
Total factor productivity (TFP)
ARTS, ENTERTAINMENT AND RECREATION
GVA in 2035 (US$ billion)

BASELINE
AI STEADY STATE

TOTAL GVA: US$ 541B
+ US$ 87B

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

BASELINE
AI STEADY STATE

TOTAL GVA: US$ 3,284B
+ US$ 520B

CONSTRUCTION
GVA in 2035 (US$ billion)

BASELINE
AI STEADY STATE

TOTAL GVA: US$ 541B
+ US$ 87B

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

<table>
<thead>
<tr>
<th>Baseline</th>
<th>AI Steady State</th>
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<tbody>
<tr>
<td>GVA: 1,058</td>
<td>GVA: 1,058 + US$ 109B</td>
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</table>

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

<table>
<thead>
<tr>
<th>Baseline</th>
<th>AI Steady State</th>
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<tbody>
<tr>
<td>GVA: 3,419</td>
<td>GVA: 3,419 + US$ 1,153B</td>
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</tbody>
</table>

- Blue: Intelligent automation
- Black: Augmentation
- Purple: Total factor productivity (TFP)
HEALTHCARE
GVA in 2035 (US$ billion)

INFORMATION AND
COMMUNICATION
GVA in 2035 (US$ billion)
MANUFACTURING
GVA in 2035 (US$ billion)

BASELINE
AI STEADY STATE

TOTAL GVA:
US$ 12,173B

+ US$ 3,776B

8,397

2,071

1,398

8,397

OTHER SERVICES
GVA in 2035 (US$ billion)

BASELINE
AI STEADY STATE

TOTAL GVA:
US$ 629B

+ US$ 95B

535

6

20

69

535

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

- **BASELINE**
  - Total GVA: US$ 7,472
  - Intelligent automation: 7,472

- **AI STEADY STATE**
  - Total GVA: US$ 9,318
  - Intelligent automation: 569
  - Augmentation: 1,176

Total GVA: US$ 9,318

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

- **BASELINE**
  - Total GVA: US$ 3,988
  - Intelligent automation: 3,988

- **AI STEADY STATE**
  - Total GVA: US$ 4,927
  - Intelligent automation: 262
  - Augmentation: 570
  - Total factor productivity (TFP): 106

Total GVA: US$ 4,927
INDUSTRY SPOTLIGHTS - HOW AI BOOSTS INDUSTRY PROFITS AND INNOVATION

SOCIAL SERVICES
GVA in 2035 (US$ billion)

- Baseline: 1,078
- AI Steady State: 1,078

+ US$ 216B

TOTAL GVA: US$ 1,294B

49
36
132

Intelligent automation
Augmentation
Total factor productivity (TFP)

TRANSPORTATION AND STORAGE
GVA in 2035 (US$ billion)

- Baseline: 2,131
- AI Steady State: 2,131

+ US$ 744B

TOTAL GVA: US$ 2,875B

63
300
381

Intelligent automation
Augmentation
Total factor productivity (TFP)
**Utilities**

GVA in 2035 (US$ billion)

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<th>Baseline</th>
<th>AI Steady State</th>
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<tr>
<td></td>
<td></td>
<td>TOTAL GVA: US$1,265B</td>
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<tr>
<td></td>
<td></td>
<td>+ US$ 304B</td>
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<tr>
<td></td>
<td>962</td>
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**Wholesale and Retail**

GVA in 2035 (US$ billion)

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<th>Baseline</th>
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<tr>
<td></td>
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<td>TOTAL GVA: US$8,404B</td>
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<tr>
<td></td>
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<td>+ US$ 2,225B</td>
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<td>6,179</td>
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<td>1,077</td>
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TO FIND OUT MORE

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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