Iowa
Transportation by the Numbers

Transportation Infrastructure

Miles of Public Road 114,745
Bridges 24,123
Miles of Freight Railroad 3,834

Major Airports
7
Includes Federal Aviation Administration Part-139 public use airports.

Miles of Waterway 490

January 2020
### Population
- **3.2m** (2018) ▲ 4.0% (2008-2018)

### Employment
- **1.5m** (2018) ▲ 4.0% (2008-2018)

### Licensed Drivers
- **2.3m** (2018) ▲ 13.6% (2008-2018)

### Registered Vehicles
- **3.8m** (2017) ▲ 11.6% (2007-2017)

### Transit Ridership
- **24.9m** (2018) ▼ -1.1% (2008-2018)

### Average Daily Person Miles
- **38.3** (Iowa) ▲ 8.4% (2008-2018)
- **36.1** (United States)

### Average Daily Person Trips
- **3.52** (Iowa) ▲ 3.0% (2008-2018)
- **3.37** (United States)

### Passenger Travel by Trip Purpose
- **39.0%** Family/personal business
- **24.8%** Social/recreational
- **19.3%** To/from work
- **10.9%** School/church
- **2.1%** Work-related
- **3.9%** Other

### Transportation Industry Jobs
- **46.4k** (2018) ▲ 6.5% (2008-2018)
- **30,859** Truck transportation ▲ 1.5%
- **5,146** Transit and ground passenger transportation ▲ 26.7%
- **221** Air transportation ▼ -40.9%
- **10,209** Other ▲ 16.9%

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**IOWA TRANSPORTATION BY THE NUMBERS**
**VALUE OF FREIGHT FLOW**

$389.9\text{b} \quad ▲ \quad 6.9\%$

Current dollars, 2018

**TONS OF FREIGHT FLOW**

601.0m \quad ▲ \quad 11.3\%

2018

**TON-MILES OF FREIGHT FLOW**

205.4b \quad ▲ \quad 6.6\%

2018

### IOWA INTERSTATE FREIGHT FLOWS. 2018

- **Inbound**
- **Outbound**

### STATE GROSS DOMESTIC PRODUCT

$189.7\text{b} \quad ▲ \quad 38.9\%

Current dollars, 2018

2008-2018

### STATE AND LOCAL GOVERNMENT TRANSPORTATION REVENUES AND EXPENDITURES

Millions of current dollars, 2017

<table>
<thead>
<tr>
<th>Highway</th>
<th>Transit</th>
<th>Air</th>
<th>Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,343</td>
<td>26</td>
<td>63</td>
<td>119</td>
</tr>
<tr>
<td>103</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Revenues</th>
<th>Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,746</td>
<td></td>
</tr>
</tbody>
</table>

### TOP COMMODITIES SHIPPED FROM IOWA

- By value moved in billions of current dollars, 2018
- By weight moved in millions of tons, 2018

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Value (billions)</th>
<th>Weight (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machinery</td>
<td>$14.6</td>
<td></td>
</tr>
<tr>
<td>Motorized vehicles</td>
<td>$13.8</td>
<td></td>
</tr>
<tr>
<td>Other foodstuffs</td>
<td>$12.6</td>
<td></td>
</tr>
<tr>
<td>Mixed freight</td>
<td>$10.8</td>
<td></td>
</tr>
<tr>
<td>Meat/seafood</td>
<td>$10.7</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Value (billions)</th>
<th>Weight (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal-n.e.c.</td>
<td>$34.5</td>
<td>34.5</td>
</tr>
<tr>
<td>Cereal grains</td>
<td>$32.3</td>
<td>32.3</td>
</tr>
<tr>
<td>Other ag. prod.</td>
<td>$19.6</td>
<td>19.6</td>
</tr>
<tr>
<td>Other foodstuffs</td>
<td>$19.5</td>
<td>19.5</td>
</tr>
<tr>
<td>Animal feed</td>
<td>$15.2</td>
<td>15.2</td>
</tr>
</tbody>
</table>

### TOP COMMODITIES SHIPPED TO IOWA

- By value moved in billions of current dollars, 2018
- By weight moved in millions of tons, 2018

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Value (billions)</th>
<th>Weight (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal-n.e.c.</td>
<td>$12.5</td>
<td>12.5</td>
</tr>
<tr>
<td>Motorized vehicles</td>
<td>$12.3</td>
<td>12.3</td>
</tr>
<tr>
<td>Machinery</td>
<td>$10.3</td>
<td>10.3</td>
</tr>
<tr>
<td>Mixed freight</td>
<td>$7.9</td>
<td>7.9</td>
</tr>
<tr>
<td>Electronics</td>
<td>$7.6</td>
<td>7.6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Value (billions)</th>
<th>Weight (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal-n.e.c.</td>
<td>$43.7</td>
<td>43.7</td>
</tr>
<tr>
<td>Cereal grains</td>
<td>$18.1</td>
<td>18.1</td>
</tr>
<tr>
<td>Coal</td>
<td>$15.4</td>
<td>15.4</td>
</tr>
<tr>
<td>Nonmetal min. prod.</td>
<td>$5.4</td>
<td>5.4</td>
</tr>
<tr>
<td>Other ag. prod.</td>
<td>$5.3</td>
<td>5.3</td>
</tr>
</tbody>
</table>

### TOP COMMODITIES SHIPPED WITHIN IOWA

- By value moved in billions of current dollars, 2018
- By weight moved in millions of tons, 2018

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Value (billions)</th>
<th>Weight (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cereal grains</td>
<td>$22.7</td>
<td>22.7</td>
</tr>
<tr>
<td>Other ag. prod.</td>
<td>$11.1</td>
<td>11.1</td>
</tr>
<tr>
<td>Live animals/fish</td>
<td>$10.1</td>
<td>10.1</td>
</tr>
<tr>
<td>Animal feed</td>
<td>$9.9</td>
<td>9.9</td>
</tr>
<tr>
<td>Mixed freight</td>
<td>$7.5</td>
<td>7.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Value (billions)</th>
<th>Weight (millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cereal grains</td>
<td>$107.6</td>
<td>107.6</td>
</tr>
<tr>
<td>Gravel</td>
<td>$56.5</td>
<td>56.5</td>
</tr>
<tr>
<td>Animal feed</td>
<td>$31.7</td>
<td>31.7</td>
</tr>
<tr>
<td>Other ag. prod.</td>
<td>$23.8</td>
<td>23.8</td>
</tr>
<tr>
<td>Nonmetal min. prod.</td>
<td>$14.2</td>
<td>14.2</td>
</tr>
</tbody>
</table>

**IOWA TRANSPORTATION BY THE NUMBERS**
RAIL FATALITIES
8
2018
2008-2018
▲ 14.3%

TRANSPORT FATALITIES
0
2018
2008-2018

RECREATIONAL BOAT FATALITIES
8
2018
2008-2018
▲

HIGHWAY FATALITIES
318
2018
2008-2018
▼ -22.8%

HIGHWAY FATALITY RATE
Fatality per 100 million vehicle miles traveled, 2018
Iowa 0.96
United States 1.13

HIGHWAY FATALITIES BY PERSON

ENERGY USE BY SECTOR
Percent of Btu consumed, 2017

Energy Source

Motor fuel 61.0%
Diesel 32.9%
Jet fuel 1.7%
Natural gas 3.7%
Other 0.7%

TRANSPORTATION ENERGY USE
Trillion Btu consumed, 2007-2017

2007 312.3 2017 299.9
2007 21.9 2017 20.3

TRANSPORTATION EMISSIONS
Million metric tons of CO₂, 2007-2017

TRANSPORTATION ENERGY USE PER CAPITA
Million Btu per capita, 2017
Iowa 95.5
United States 86.2

HIGHWAY MOTOR FUEL USE PER CAPITA
Gallons per capita, 2018
Iowa 472.1
United States 416.2

ALTERNATIVE FUEL STATIONS
Number of stations, 2016-2018