

# The Economic Impact of the Engineering Industry in the United States and

# ILLINOIS



## State Economic Facts:

The following economic data sheet provides a snapshot of Illinois' economy, with specifics on the engineering industry's role, and public and private construction spending. **Sources include:** U.S. Bureau of Economic Analysis (BEA), U.S. Bureau of the Census, U.S. Bureau of Labor Statistics (BLS), and the National Association of State Budget Officers (NASBO).

### GDP:

- The Illinois state GDP was \$864.59 billion in 2018. Professional, Scientific, and Technical Services made up \$72.59 billion (8.4%), while construction accounted for \$29.22 billion (3.4%).

### Construction Spending:

- In 2018, Illinois' private, non-residential construction put in place totaled **\$8.73 billion**; state-and-local construction put in place in totaled **\$8.95 billion**. See chart.

### Engineering Employment:

- In 2018, there were **41,830** employees in architecture, engineering and related occupations in Illinois.

### Engineering Industry Pay:

- The average salary for employees in the A/E industry in Illinois was **\$85,331**, which is 59% higher than the average salary of all employees in Illinois, which was \$53,790 in 2018.

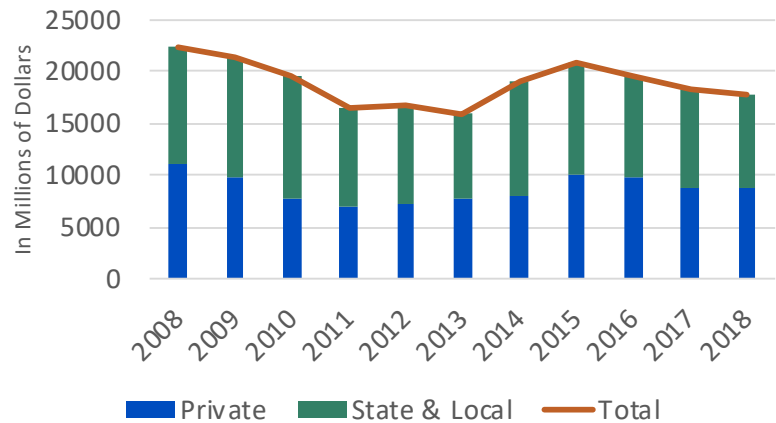
### State Transportation Spending:

- In FY18 Illinois allocated **7.2%** of its state budget for transportation. States spent an average of 8% on transportation in FY18, according to NASBO. See chart.

### Housing Permits:

- In 2018, there were **21,510** new housing units authorized by building permits.
- Of those, 17,681 (82%) were issued in the Chicago-Naperville-Elgin, IL-IN-WI metropolitan area.

Illinois Annual Value of Construction Put in Place, 2008 - 2018



Occupation	Employment	Annual Mean Wage	% Difference vs. State Average
Civil Engineers	10,970	\$94,570	+76%
Mechanical Engineers	17,320	\$92,030	+71%
Electrical Engineers	4,860	\$94,700	+76%
Environmental Engineers	1,410	\$92,200	+71%
Architects, Except Landscape and Naval	5,560	\$79,520	+48%
Landscape Architects	370	\$71,760	+33%
Surveyors	1,340	\$72,540	+35%

Transportation Expenditures as a % of Total Expenditures in Illinois

