

GREEN BUILDING INDUSTRY BRIEF

MICHIGAN



NATIONAL MARKET TRANSFORMATION

The U.S. Green Building Council's (USGBC) LEED green building certification program has fundamentally transformed the way new buildings are designed, constructed, retrofitted and maintained - creating a new industry of business enterprise committed to delivering better, more efficient and cost-effective buildings. More than **53,000 projects** are currently participating in the commercial and institutional LEED rating systems, comprising more than **10.1 billion square feet** of construction space in all 50 states and approximately 140 countries and territories. In addition, more than **39,000 homes** have been certified under the LEED for Homes rating system, with close to **111,000 more homes registered**. LEED is a voluntary, private-sector-driven standard embraced by business in all industry sectors because it generates real financial value. Green building is good for the bottom line and creates demand for products, services and jobs that can deliver high-performing outcomes that manifest into better, greener buildings. In turn, LEED project activity drives green building demand, creates competition, reduces costs and raises consumer expectations and awareness. To access public directories for USGBC members, LEED projects and LEED credentialed professionals, please visit USGBC.org/profile.

THE MICHIGAN GREEN BUILDING INDUSTRY

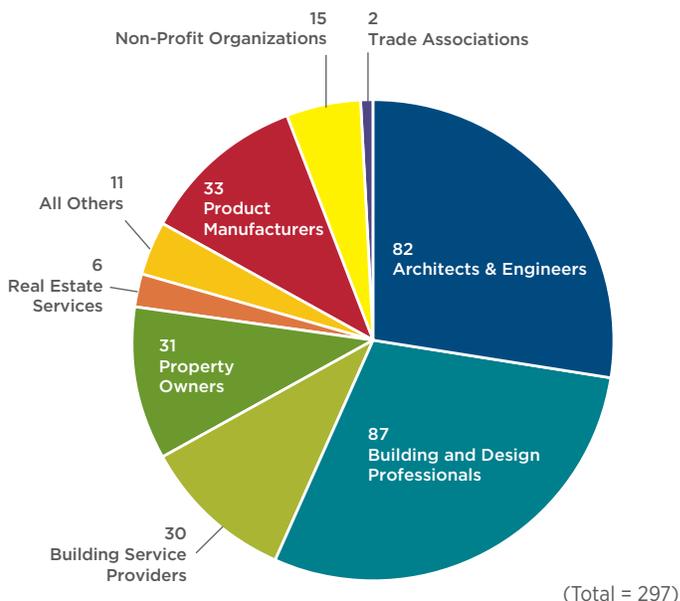
There are currently **297 organizations** headquartered in Michigan that are members of USGBC. These organizations, along with many other member organizations operating in the state, represent the diverse segments of Michigan's building industry, employing more than **10 million people** and grossing more than **\$100 billion in annual revenue**.

The [Western Michigan](#) and [Detroit Regional Chapters](#) of the U.S. Green Building Council function as the premier forum for leadership, education, advocacy and resources, and provide events and networking opportunities for the green building industry and community at large.

There are also **3,564 LEED credentialed professionals** in Michigan, and the number is growing fast. These are individuals in various fields who hold this credential to allow them to compete and perform more effectively in the green building market.

USGBC MEMBER ORGANIZATIONS

(Headquartered in Michigan)



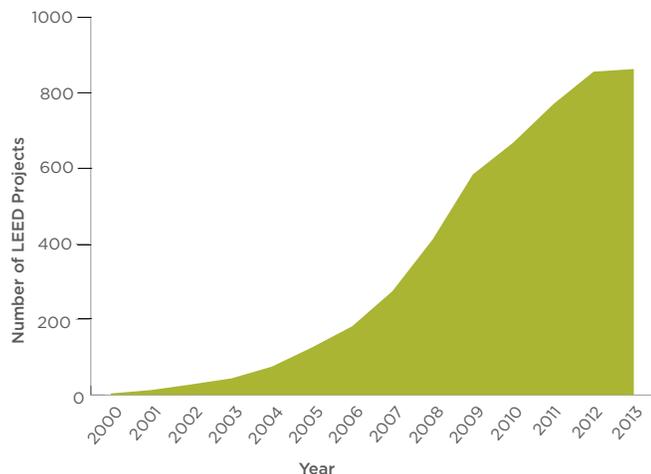
LEADING BY EXAMPLE

Public policy can accelerate private sector uptake of practices and methods that yield wide-reaching benefits of healthier, more efficient, lower-impact buildings. Government leadership can also be an effective driver. The State of Michigan has taken important steps to support the state's green building industry through authorizing legislation for local governments that promote and spur investment in green building. For example, Executive Order #2005-4 required that all state-funded new construction and major renovation projects over \$1,000,000 be built in accordance with LEED guidelines. Locally, **12 Michigan municipal governments** have made policy commitments that advance better building practices by rewarding leadership with LEED and reaping the benefits of green government buildings, such as saving tax-payer money. Leading by example, the State of Michigan has **44 LEED registered and certified buildings owned or occupied by state government**.

There are 152 LEED registered and certified K-12 and higher education green schools projects in the State of Michigan

LEED REGISTERED AND CERTIFIED COMMERCIAL PROJECTS IN MICHIGAN

(As of January 1, 2013)



Communities throughout Michigan are beginning to invest in schools that create a healthy environment that is conducive to learning while saving energy, resources and money. Currently, there are **152 LEED registered and certified K-12 and Higher Education projects in Michigan**. To date, of the nation's 20 largest school districts, **80 percent** have committed to green school construction.

LEED CERTIFIED BUILDINGS, SCHOOLS, HOMES, AND NEIGHBORHOODS

Michigan ranks **17th in the nation** with **863 commercial buildings** that are LEED registered and certified, totaling more than **87 million square feet of LEED registered and certified green building space**. Individually, Grand Rapids ranks among the top 30 U.S. cities with the most LEED project activity. For green building stats, facts, analytics and more, visit the [Michigan page](#) in the [Green Building Information Gateway](#) (GBIG.org).

More than 87 million square feet of LEED registered and certified green building space; equivalent to the square footage of over 31 Empire State Buildings

Generally, homes designed, built and certified to LEED are more comfortable, durable and energy and water efficient. In total, Michigan has **1,461 LEED registered and certified homes across the state**. Saving energy, water and money through high-performing green buildings that are built above and beyond code is increasingly prevalent in Michigan. Government leadership and policy initiatives can play an important role in making Michigan an even more important state for businesses leading in the emerging green economy.

TOTAL COMMERCIAL LEED PROJECTS RANKING

(As of January 1, 2013)

Rank	State	Registered	Certified	Total
13	MA	752	486	1,238
14	CO	686	480	1,166
15	NJ	890	249	1,139
16	DC	741	361	1,102
17	MI	489	374	863
18	AZ	523	284	807
19	OR	396	351	747
20	MO	389	203	592
21	WI	303	241	544
22	TN	348	181	529

MICHIGAN SPOTLIGHT:

[The Christman Building](#), Lansing, MI

A Michigan landmark, the Christman Building is the **world's first triple-Platinum LEED project**, recently (in 2010) adding LEED for Existing Buildings: Operations & Maintenance to its Core and Shell and Commercial Interiors certifications. This downtown five-story building and brownfield site provided an excellent candidate for a milestone green and historic preservation project. Using an integrated design and construction process, the firm set out to make it an **example of sustainable redevelopment at the same cost as conventional practices**. The project succeeded in clearly showing that a dilapidated, obsolescent building could be transformed into a vibrant, healthy office environment with lots of daylighting and views, increased ventilation, and improved comfort conditions - all in a very energy-efficient manner. The **use of a brownfield site avoided creating urban sprawl**. Its location in the heart of downtown provides pedestrian access to community services, reducing the use of fossil fuel transportation. Transportation alternatives include five bus lines connecting to all parts of the metropolitan area



For more information, please visit the [project page](#) in the USGBC Directory (USGBC.org/profile)

Photograph Courtesy of Gene Meadows

GREEN BUILDING SNAPSHOT 2013

MICHIGAN

LEED CERTIFIED
RESIDENTIAL UNITS

470



LEED CERTIFIED
COMMERCIAL BLDGS.

374

MEMBER
ORGANIZATIONS

297



LEED CERTIFIED
SQUARE FEET

33 MILLION

LEED CERTIFIED K-12 AND
HIGHER ED PROJECTS

96



LEED
PROFESSIONALS

3,564

STATE RANK: TOTAL
COMMERCIAL BLDGS.

17th



USGBC CHAPTER
VOLUNTEERS

467

ABOUT USGBC

USGBC is committed to a prosperous and sustainable future through cost-efficient and energy-saving green buildings. USGBC works toward its mission of market transformation through its LEED green building program, robust educational offerings, a nationwide network of chapters and affiliates, the annual [Greenbuild International Conference & Expo](#), the [Center for Green Schools](#) and [advocacy](#) in support of public policy that encourages and enables green buildings and communities. For more information, visit [usgbc.org](#), explore the [Green Building Information Gateway \(GBIG.org\)](#) and connect on [Twitter](#), [Facebook](#) and [LinkedIn](#).

As of January 2013 | Data does not include LEED registered projects.



GREEN BUILDING SNAPSHOT 2013

UNITED STATES

LEED CERTIFIED
SQUARE FEET

2.6 BILLION



LEED CERTIFIED
COMMERCIAL BLDGS.

17,441



LEED BY THE NUMBERS:

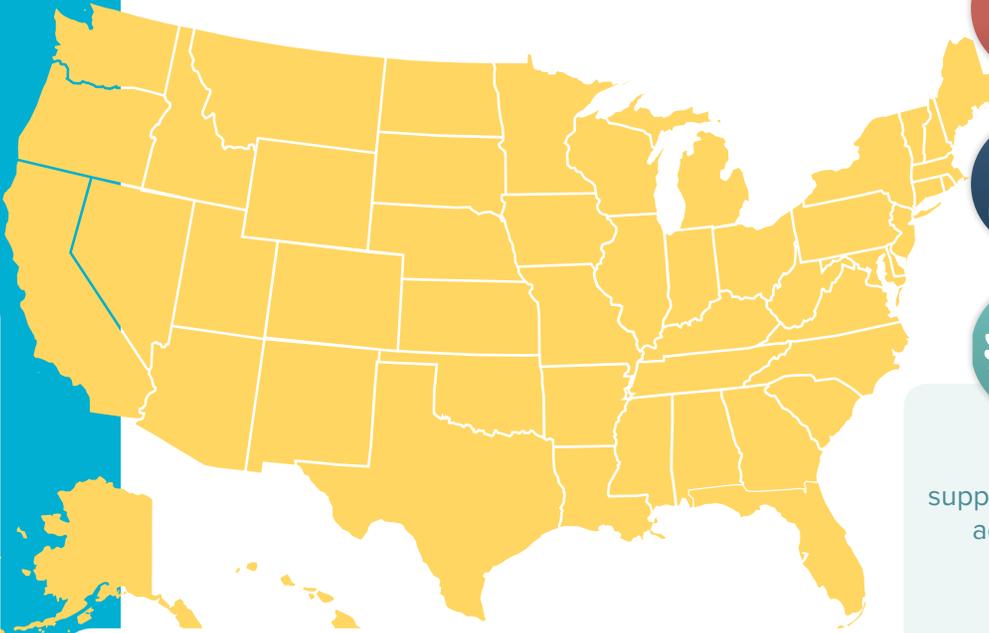
- **EACH DAY** 1.5 million square feet is certified to LEED
- Worldwide, more than **53,000 COMMERCIAL LEED PROJECTS** across **10 BILLION SQUARE FEET** use the LEED program
- **88 OF THE FORTUNE 100 COMPANIES** currently use LEED

LEED CREDENTIALLED
PROFESSIONALS

186,477



These professionals leverage their credential and a catalog of more than **4,000 COURSES** to maintain a competitive edge and to perform more effectively in the green building marketplace.



LEED recognizes leadership in **OVER 1,000 GREEN BUILDING STRATEGIES**, such as air quality and water efficiency

USGBC is part of a network of **90+ INTERNATIONAL GREEN BUILDING COUNCILS** and LEED is exported to **140 COUNTRIES AND TERRITORIES**

Research demonstrates that green buildings boost rental rates, **INCREASE SALES VALUES** and even improve occupancy rates

GBIG (gbig.org) is the first-ever searchable, fully functional green building data platform and reporting tool covering **OVER 130,000 GREEN BUILDING ACTIVITIES** IN MORE THAN 5,000 PLACES



LEED CERTIFIED
RESIDENTIAL UNITS

39,318



USGBC CHAPTER
VOLUNTEERS

29,842



INTERNATIONAL
MARKETS

140



MEMBER
ORGANIZATIONS

12,771

The green building movement is supported by thousands of volunteers across **77 CHAPTERS** who donate approximately 240,000 hours annually which is **VALUED AT 5.1 MILLION US DOLLARS**



LEED CERTIFIED K-12 AND
HIGHER ED PROJECTS

2,969

The **CENTER FOR GREEN SCHOOLS** (centerforgreenschools.org) is working to transform all schools into healthy, safe, cost-efficient and productive learning spaces



LEARN MORE

about LEED in Motion
at bit.ly/leedinmotion