



Green Buildings ***in Michigan***



There are several ways to define 'green' buildings.

I. LEED Buildings

Registered as of 12/31/2009

Commercial, Govt, Industrial, Institutional

612

LEED buildings are independently verified as green under the US Green Building Council's (USGBC) Leadership in Energy and Environmental Design (LEED) program. These buildings are initially registered to begin the process with the intent of obtaining certification at one of four levels: certified; silver; gold or platinum. The enclosed projects are also available at the US Green Building Council's website www.usgbc.org under 'Project Directory'. (A total of 612 projects were registered in Michigan, 176 were confidential and 120 were completed and certified.)

Note: Confidential Projects

Projects can register with the USGBC and remain confidential. These projects are not included in lists of registered or certified projects. Adding the number of confidential projects to the number of listed projects shows a more complete extent of the state's green building effort. This total above included 176 confidential projects in Michigan.

LEED Homes

Discussed under 'Green Homes' below.

II. Energy Star Buildings

updated 03/12/2010

Energy Star is a federal program for manufacturing energy efficient appliances commercial buildings and new homes. The focus of this program is primarily energy efficiency. In 2008, both Detroit and Grand Rapids made the top 25 cities in the nation for the number of Energy Star buildings. There are **395 Energy Star certified buildings** in Michigan that included: offices, schools and grocery stores. To see the list go to: www.energystar.gov/index.cfm?c=business.bus_index (Click "Find Labeled buildings") There are **5,027 Energy Star homes** in Michigan. The number is listed on the builders listing at:

www.energystar.gov/index.cfm?fuseaction=new_homes_partners.showHomesSearch

III. Green Homes

updated 03/12/2010

To view a list of 'green' homes, see the referenced web sites.

Energy Star Homes

5,027 Total

Energy Star Homes is a federal program for building energy efficient new homes. This program only certifies a homes energy efficiency. (Green building programs also address health and the environment.) The total above is the number of Energy Star homes in Michigan.

www.energystar.gov/index.cfm?fuseaction=new_homes_partners.showStateResults&s_code=MI

Green Built

Unknown Total

Green Built Michigan is a member organization of the Michigan Association of Home Builders. www.greenbuiltmichigan.org Like the LEED program, this certification program considers energy efficiency, comfort, and health issues. It is expected this program will adopt the new standards recently announced by the National Association of Home Builders when finalized.

www.nahbrc.org/technical/standards/greenbuilding.aspx The Green Built Michigan web site does not provide the number of homes certified by their program.

LEED Homes

187 Total

LEED home construction didn't begin in Michigan until 2006. The number of LEED certified residential units in Michigan (including 2 platinum LEED homes) continue to increase. These are mostly in west Michigan and are listed on the USGBC residential Home ratings web page. You can view many of these projects at the Alliance for Environmental Sustainability website at:

www.alliancees.org (The Alliance is the LEED provider for Home certifications in Michigan)
www.usgbc.org/DisplayPage.aspx?CMSPageID=147 www.greenhomeguide.org

IV. Other Green Buildings

updated 06/25/08

The buildings listed in this section did not seek 'green' certification but have energy efficient, environmental and/or healthy features noted. A list of green roofed buildings is provided separately at: www.michigan.gov/documents/deq/deq-ess-p2-green-greenroofs_186786_7.doc.

LEED Notes		
<p>Case Studies & Project Details</p> <p>Project name with links and An "X" in the column "Details"</p> <p>Type Codes</p> <p>NC = new construction EB = existing building renovation CS = core & shell CI = commercial interiors ND = neighborhood development Also -School, Retail, Hospitals</p>	<p>orange, provide USGBC Case Study data. links to more project details.</p> <p>(builder portion without interior) (tenant portion)</p>	<p>Area =</p> <p>DNRE Districts</p> <p>Bay = Bay City N = Cadillac (north) GR = Grand Rapids J = Jackson K = Kalamazoo SE = Southeast UP = Upper Peninsula</p>
<p>This list is available sorted by district areas at: www.michigan.gov/deqconstruction Open the "Green & Sustainable Buildings in Michigan" link then scroll to the map at the bottom.</p>		