

Green Certified Buildings in Wisconsin: Map and Analysis (Spring, 2021)
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I am a recent graduate of the University of Wisconsin-Madison and a volunteer with the community-led environmental organization, 350 Madison. With the guidance of a UW professor and the input of 350 Madison members, I produced a 2-sided document (attached) that maps and briefly analyzes the number of green certified buildings in Wisconsin.

The left page of the document depicts, in a map, those Wisconsin cities that have the greatest number of green buildings, presented in terms of aggregate and per capita values. These data are presented by the [Wisconsin Green Building Alliance](#) on the Green Building Information Gateway's website. The WGBA provides a comprehensive list of all the green building projects in Wisconsin and is updated daily. I use proportional symbols in this map to depict the number of green-certified buildings per Wisconsin city. The greater the size of the circle, the greater the number of green-certified buildings in the corresponding city. The right page provides background information on the carbon emissions created by the building sector and on green building programs, and also provides an analysis of the main takeaways from the data displayed in the map on the left page, and suggestions for encouraging growth in the number of green buildings. The right page also includes an inset proportional symbol map showing the number of green certified schools per Wisconsin city.

This document is intended to be comprehensible for audiences with a range of background knowledge in green building practices. It can be used as an educational resource to increase understanding of why building green is important and to show how cities in Wisconsin compare to one another. This document can also be used by policy makers, developers, city planning commissioners and other actors who are involved in the building sector or interested in increasing green building efforts in Wisconsin. Of particular interest are the data on cities with the greatest number of green certified buildings, shown in terms of total and per capita values. A larger number of green buildings per capita may reflect a greater prioritization of and commitment to building green, as these data control, in part, for available resources in larger cities.

One of the first steps to fostering sustainability efforts is to know where one stands. I therefore hope this map can be useful to you as a source of information and/or as a resource to be distributed.

If you have any more questions about the data represented in the map, design of the map, or 350's interest in green building, please do not hesitate to reach out and I would be happy to provide answers as best I can.