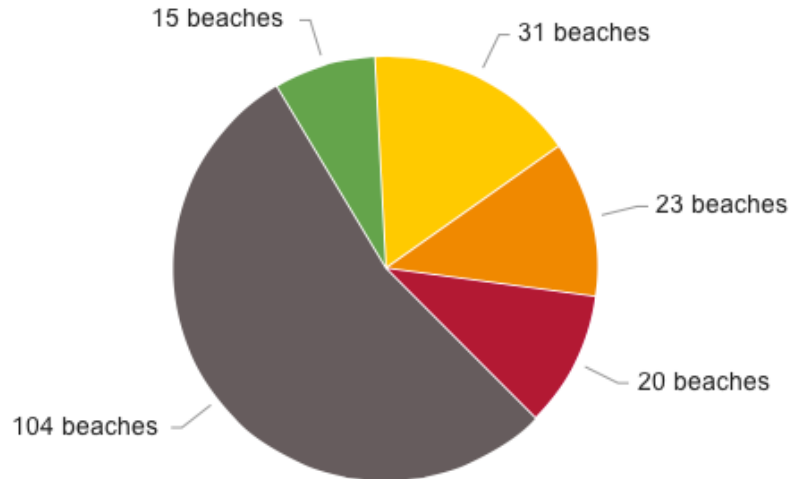


# Wisconsin 2013 Beach Water Quality Summary

## Wisconsin 2013 Beach Water Quality Summary



Percent of samples exceeding the national Beach Action Value (BAV) safety threshold

- 104 beaches (54%) were not monitored or had a limited number of samples (fewer than 12)
- 15 beaches (8%) did not have any samples exceed the national BAV safety threshold
- 31 beaches (16%) had >0-10% of their samples exceed the national BAV safety threshold
- 23 beaches (12%) had >10-20% of their samples exceed the national BAV safety threshold
- 20 beaches (10%) had more than 20% of their samples exceed the national BAV safety threshold

The Beaches Environmental Assessment and Coastal Health (BEACH) Act helps states and local governments develop monitoring programs to protect public health. Through these programs local officials test beach water for bacteria and issue closings or advisories when bacteria levels exceed a certain threshold. The EPA recently issued a new Beach Action Value (BAV), which is a more protective threshold than the national allowable bacteria levels used in previous years to trigger beach advisories. The EPA considers the BAV to be a "conservative, precautionary tool for making beach notification decisions." While the use of the BAV is currently optional, the EPA's proposed National Beach Guidance and Required Performance

Criteria for Grants would require states receiving BEACH Act funding to use the BAV to trigger beach notifications. In light of this information, in assessing 2013 beach water quality NRDC has chosen to use the BAV in order to best protect beachgoers from water quality health risks.

Wisconsin has public beaches along 55 miles of Lake Superior and Lake Michigan coastline. The Wisconsin Department of Natural Resources (DNR) coordinates the state's beach monitoring program and administers BEACH Act grants. Beachgoers can learn about beach closings and advisories on the [Wisconsin Beach Health website](#).

## What Does Beach Water Monitoring Show?

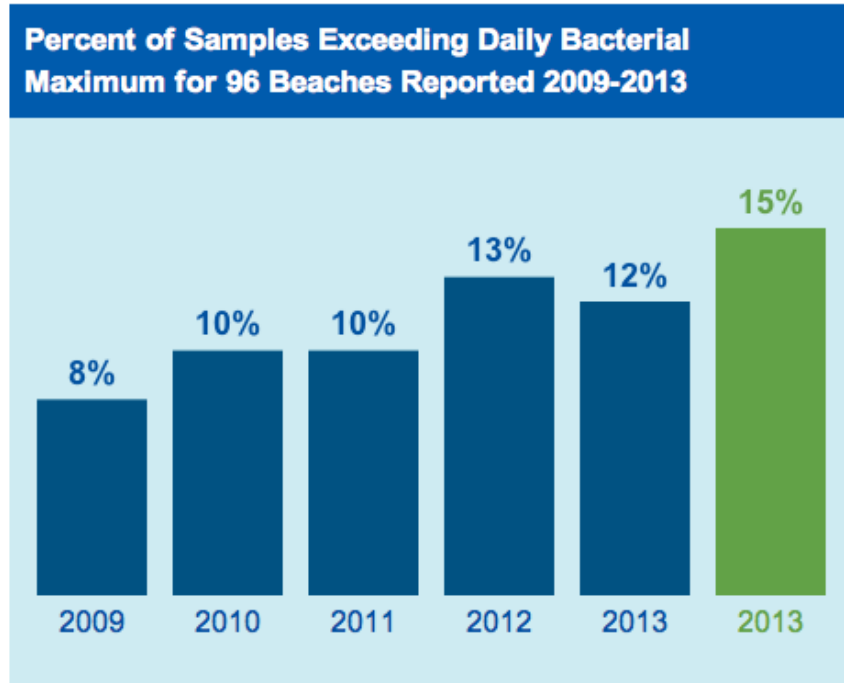
In 2013, Wisconsin reported 193 coastal beaches and beach segments, 101 of which were monitored. Of all reported beach monitoring samples, 14% exceeded the Beach Action Value (BAV) of 190 *E. coli* bacteria colony forming units (cfu) per 100 ml freshwater in a single sample. NRDC considers all reported samples individually (without averaging) when calculating the percent exceedance rates in this analysis. This includes duplicate samples and reported samples taken outside the official beach season, if any.

The beaches with the highest percent exceedance rates of the BAV in Wisconsin were Pennoyer Park Beach in Kenosha County (47%), South Shore Beach in Milwaukee County (42%), Red Arrow Park Beach Manitowoc in Manitowoc County (39%), Maslowski Beaches in Ashland County (35%), and Kohler-Andrae State Park North and South Picnic Beaches in Sheboygan County (32%).

## Wisconsin Water Quality Trend 2009–2013<sub>1</sub>

The bar chart below illustrates the general trend of beach water quality exceedance rates in Wisconsin over the past five years. Note that only samples from a common set of 27 beaches monitored each year from 2009-2013 are included in the bar chart. Percent exceedance rates in 2009-2012 are based on the national single-sample maximum standard for designated beach areas of 235 *E. coli* bacteria cfu/100 ml water that was in place during those years. For comparison purposes, exceedance rates for 2013 are shown based

on the historical national standard of 235 *E. coli* bacteria cfu/100 ml water, as well as on the EPA's new Beach Action Value of 190 *E. coli* cfu/100 ml water.



■ % exceedance of national standard in place 2009-2012

■ % exceedance of national BAV safety threshold

\* Please note exceedance rates for 2013 are shown based on the new BAV safety threshold and the historical national standard for comparison purposes. Additionally, only samples from a common set of beaches monitored each year from 2009-2013 are included in the bar chart.

## Wisconsin 2013 Monitoring Results

County	Beach	Total Samples	% of samples exceeding BAV	View
Ashland	Bayview Park Beach	31	6%	<a href="#">view</a>
Ashland	Big Bay State Park Beach	14	0%	<a href="#">view</a>
Ashland	Big Bay Town Park Beach	0	n/a	<a href="#">view</a>
Ashland	Casper Road Beach	0	n/a	<a href="#">view</a>
Ashland	Kreher Park Beach	43	28%	<a href="#">view</a>
Ashland	La Pointe Memorial Beach	0	n/a	<a href="#">view</a>
Ashland	Maslowski Beaches	40	35%	<a href="#">view</a>
Bayfield	Bark Bay Beaches	11	0%	<a href="#">view</a>
Bayfield	Bono Creek Boat Launch Beach	10	0%	<a href="#">view</a>
Bayfield	Broad Street Beach	22	0%	<a href="#">view</a>
Bayfield	Herbster Beach	13	8%	<a href="#">view</a>
Bayfield	Highway 13 Wayside Beach	0	n/a	<a href="#">view</a>
Bayfield	Little Sand Bay Beach	11	0%	<a href="#">view</a>
Bayfield	Memorial Beach Bayfield	12	8%	<a href="#">view</a>
Bayfield	Memorial Park Beach Washburn	10	0%	<a href="#">view</a>
Bayfield	Port Wing Beach East	15	13%	<a href="#">view</a>
Bayfield	Port Wing Beach West	13	15%	<a href="#">view</a>
Bayfield	River Loop Road Beach	0	n/a	<a href="#">view</a>
Bayfield	Sioux River Beach North	12	0%	<a href="#">view</a>
Bayfield	Sioux River Beach South	12	0%	<a href="#">view</a>
Bayfield	Siskiwit Bay Beach	13	8%	<a href="#">view</a>
Bayfield	Thompson West End Park Beach	43	9%	<a href="#">view</a>
Bayfield	Washburn Marina Beach	12	0%	<a href="#">view</a>

Bayfield	Washburn Walking Trail Beach / BAB Beach	13	15%	<a href="#">view</a>
Bayfield	Washington Avenue Beach	12	0%	<a href="#">view</a>
Bayfield	Wikdal Memorial Boat Launch Beach	10	0%	<a href="#">view</a>
Brown	Bay Beach	0	n/a	<a href="#">view</a>
Brown	Bayshore Park Beach	11	0%	<a href="#">view</a>
Brown	Communiversy Park Beach	0	n/a	<a href="#">view</a>
Brown	Joliet Park	0	n/a	<a href="#">view</a>
Brown	Longtail Beach	7	0%	<a href="#">view</a>
Brown	Riverside Drive Beach	0	n/a	<a href="#">view</a>
Brown	Town of Scott Park Beach	0	n/a	<a href="#">view</a>
Brown	Van Lanen Beach	0	n/a	<a href="#">view</a>
Brown	Volk's Landing Boat Launch Beach	0	n/a	<a href="#">view</a>
Door	Anclam Park Beach	28	7%	<a href="#">view</a>
Door	Arrowhead Lane Beach	0	n/a	<a href="#">view</a>
Door	Baileys Harbor Ridges Park Beach	57	12%	<a href="#">view</a>
Door	Bittersweet Lane Beach	0	n/a	<a href="#">view</a>
Door	Braunsdorf Beach	0	n/a	<a href="#">view</a>
Door	Chippewa Drive Beach	0	n/a	<a href="#">view</a>
Door	Clay Banks Beach 1	0	n/a	<a href="#">view</a>
Door	Clay Banks Beach 2	27	7%	<a href="#">view</a>
Door	Cliff View Drive Beach	0	n/a	<a href="#">view</a>
Door	County TT Beach	0	n/a	<a href="#">view</a>
Door	Deer Path Lane Beach	0	n/a	<a href="#">view</a>
Door	Egg Harbor Beach	53	2%	<a href="#">view</a>
Door	Ellison Bay Town Park Beach	53	0%	<a href="#">view</a>
Door	Ephraim Beach	55	7%	<a href="#">view</a>

Door	Europe Bay Beach 1	27	4%	<a href="#">view</a>
Door	Europe Bay Beach 2	29	10%	<a href="#">view</a>
Door	Europe Bay Beach 3	27	7%	<a href="#">view</a>
Door	Fish Creek Beach	54	9%	<a href="#">view</a>
Door	Garrett Bay Boat Launch Beach	0	n/a	<a href="#">view</a>
Door	Gislason Beach	12	0%	<a href="#">view</a>
Door	Goldenrod Lane Beach	0	n/a	<a href="#">view</a>
Door	Haines Park Beach	27	4%	<a href="#">view</a>
Door	Hemlock Lane Beach	0	n/a	<a href="#">view</a>
Door	Isle View Beach	0	n/a	<a href="#">view</a>
Door	Jackson Harbor Ridges - WI	13	8%	<a href="#">view</a>
Door	Kickapoo Drive Beach	0	n/a	<a href="#">view</a>
Door	Lakeshore Drive Beach Door	0	n/a	<a href="#">view</a>
Door	Lakeside Park Beach	27	4%	<a href="#">view</a>
Door	Lily Bay Boat Launch Beach	15	13%	<a href="#">view</a>
Door	Murphy Park Beach	55	16%	<a href="#">view</a>
Door	Newport Bay Beach	53	0%	<a href="#">view</a>
Door	Nicolet Beach	53	2%	<a href="#">view</a>
Door	Otumba Park Beach	57	18%	<a href="#">view</a>
Door	Pebble Beach Road Beach 1 Door	0	n/a	<a href="#">view</a>
Door	Percy Johnson Memorial Park Beach	12	0%	<a href="#">view</a>
Door	Portage Park Beach	27	0%	<a href="#">view</a>
Door	Potawatomi State Park Beach 1	0	n/a	<a href="#">view</a>
Door	Potawatomi State Park Beach 2	0	n/a	<a href="#">view</a>
Door	Rock Island State Park Beach	12	0%	<a href="#">view</a>
Door	Sand Bay Beach 1	28	7%	<a href="#">view</a>
Door	Sand Bay Beach 2	0	n/a	<a href="#">view</a>

Door	Sand Cove	0	n/a	<a href="#">view</a>
Door	Sand Dune Beach	12	0%	<a href="#">view</a>
Door	Sandy Bay Town Park Beach	27	4%	<a href="#">view</a>
Door	School House Beach	12	0%	<a href="#">view</a>
Door	Sister Bay Beach	54	6%	<a href="#">view</a>
Door	Sturgeon Bay Canal Recreation Area Beach	0	n/a	<a href="#">view</a>
Door	Sunset Beach Fish Creek	0	n/a	<a href="#">view</a>
Door	Sunset Park Beach Sturgeon Bay	57	23%	<a href="#">view</a>
Door	White Pine Lane Beach	0	n/a	<a href="#">view</a>
Door	Whitefish Bay Boat Launch Beach	14	7%	<a href="#">view</a>
Door	Whitefish Dunes Beach	52	2%	<a href="#">view</a>
Door	Winnebago Drive Beach	0	n/a	<a href="#">view</a>
Douglas	Allouez Bay Beach 1	0	n/a	<a href="#">view</a>
Douglas	Allouez Bay Beach 2	0	n/a	<a href="#">view</a>
Douglas	Allouez Bay Beach 3	0	n/a	<a href="#">view</a>
Douglas	Amnicon River Beach	0	n/a	<a href="#">view</a>
Douglas	Barker's Island Inner Beach	25	12%	<a href="#">view</a>
Douglas	Barker's Island Outer Beach	0	n/a	<a href="#">view</a>
Douglas	Brule River State Forest Beach 1	0	n/a	<a href="#">view</a>
Douglas	Brule River State Forest Beach 2	0	n/a	<a href="#">view</a>
Douglas	Brule River State Forest Beach 3	0	n/a	<a href="#">view</a>
Douglas	Connors Point Beaches	0	n/a	<a href="#">view</a>
Douglas	Middle River Beach	0	n/a	<a href="#">view</a>
Douglas	Wisconsin Point Beach 1	0	n/a	<a href="#">view</a>
Douglas	Wisconsin Point Beach 2	25	20%	<a href="#">view</a>
Douglas	Wisconsin Point Beach 3	0	n/a	<a href="#">view</a>

Douglas	Wisconsin Point Beach 4	0	n/a	<a href="#">view</a>
Douglas	Wisconsin Point Beach 5	0	n/a	<a href="#">view</a>
Iron	Oronto Bay Beach 1	8	13%	<a href="#">view</a>
Iron	Oronto Bay Beach 2	8	13%	<a href="#">view</a>
Iron	Oronto Bay Beach 3	8	13%	<a href="#">view</a>
Iron	Saxon Harbor Beach East	10	30%	<a href="#">view</a>
Iron	Saxon Harbor Beach West	8	13%	<a href="#">view</a>
Kenosha	Alford Park Beach	27	22%	<a href="#">view</a>
Kenosha	Eichelman Beach	42	31%	<a href="#">view</a>
Kenosha	Lakeshore Drive Beach Kenosha	0	n/a	<a href="#">view</a>
Kenosha	Melissa Beach	0	n/a	<a href="#">view</a>
Kenosha	Pennoyer Park Beach	32	47%	<a href="#">view</a>
Kenosha	Simmons Island Beach	37	30%	<a href="#">view</a>
Kenosha	Southport Park Beach	24	8%	<a href="#">view</a>
Kewaunee	9th Avenue Wayside Beach	0	n/a	<a href="#">view</a>
Kewaunee	City Of Kewaunee Beach	14	21%	<a href="#">view</a>
Kewaunee	Crescent Beach	45	16%	<a href="#">view</a>
Kewaunee	Lighthouse Vista Beach	0	n/a	<a href="#">view</a>
Kewaunee	Red River Park Beaches	0	n/a	<a href="#">view</a>
Manitowoc	Fischer Park Beaches	0	n/a	<a href="#">view</a>
Manitowoc	Hika Park Bay	35	23%	<a href="#">view</a>
Manitowoc	Lincoln High School Beach	0	n/a	<a href="#">view</a>
Manitowoc	Maritime Dr Boat Launch Beach	0	n/a	<a href="#">view</a>
Manitowoc	Memorial Drive Wayside Beach Middle	0	n/a	<a href="#">view</a>
Manitowoc	Memorial Drive Wayside Beach North	30	20%	<a href="#">view</a>
Manitowoc	Memorial Drive Wayside Beach South	24	8%	<a href="#">view</a>



Manitowoc	Neshotah Beach	52	19%	<a href="#">view</a>
Manitowoc	Point Beach State Forest - Concession Stand Beach	51	6%	<a href="#">view</a>
Manitowoc	Point Beach State Forest - Lakeshore Picnic Area Beach	52	8%	<a href="#">view</a>
Manitowoc	Point Beach State Forest - Lighthouse Picnic Area Beach	51	14%	<a href="#">view</a>
Manitowoc	Red Arrow Park Beach Manitowoc	54	39%	<a href="#">view</a>
Manitowoc	Silver Creek Beach	0	n/a	<a href="#">view</a>
Manitowoc	Two Creek Boat Launch Beach	0	n/a	<a href="#">view</a>
Manitowoc	University Beach	0	n/a	<a href="#">view</a>
Manitowoc	Warm Water Beach	0	n/a	<a href="#">view</a>
Manitowoc	YMCA Beach	24	21%	<a href="#">view</a>
Marinette	Michaelis Park Beach	0	n/a	<a href="#">view</a>
Marinette	Peshtigo Harbor Boat Launch Beach	0	n/a	<a href="#">view</a>
Marinette	Red Arrow Marinette 1 Beach	0	n/a	<a href="#">view</a>
Marinette	Red Arrow Marinette 2 Beach	0	n/a	<a href="#">view</a>
Marinette	Red Arrow Marinette 3 Beach	0	n/a	<a href="#">view</a>
Marinette	Seagull Bar Wildlife Area Beach	0	n/a	<a href="#">view</a>
Milwaukee	Atwater Park Beach	26	12%	<a href="#">view</a>
Milwaukee	Bay View Park Beach	18	0%	<a href="#">view</a>
Milwaukee	Bender Beach	31	16%	<a href="#">view</a>
Milwaukee	Big Bay Park Beach	0	n/a	<a href="#">view</a>
Milwaukee	Bradford Beach	51	22%	<a href="#">view</a>
Milwaukee	Grant Park Beach	42	31%	<a href="#">view</a>
Milwaukee	Klode Park Beach	27	15%	<a href="#">view</a>
Milwaukee	McKinley Beach	51	18%	<a href="#">view</a>
Milwaukee	Sheridan Park Beach	0	n/a	<a href="#">view</a>

Milwaukee	South Shore Beach	52	42%	<a href="#">view</a>
Milwaukee	South Shore Rocky Beach	0	n/a	<a href="#">view</a>
Milwaukee	Tietjen Beach / Doctor's Park	25	8%	<a href="#">view</a>
Milwaukee	Watercraft Beach	0	n/a	<a href="#">view</a>
Oconto	Oconto City Park	0	n/a	<a href="#">view</a>
Ozaukee	Cedar Beach Rd Beach	59	28%	<a href="#">view</a>
Ozaukee	Concordia University	32	9%	<a href="#">view</a>
Ozaukee	County Road D Boat Launch Beach	53	15%	<a href="#">view</a>
Ozaukee	Harrington State Park Beach North	54	17%	<a href="#">view</a>
Ozaukee	Harrington State Park Beach South	55	25%	<a href="#">view</a>
Ozaukee	Jay Road Beach	0	n/a	<a href="#">view</a>
Ozaukee	Lion's Den Gorge Nature Preserve	30	7%	<a href="#">view</a>
Ozaukee	Pebble Road Beach	0	n/a	<a href="#">view</a>
Ozaukee	Sandy Beach Road Beach	0	n/a	<a href="#">view</a>
Ozaukee	Silver Beach Road Beach	0	n/a	<a href="#">view</a>
Ozaukee	Upper Lake Park Beach	108	9%	<a href="#">view</a>
Ozaukee	Virmond County Park	0	n/a	-
Racine	Michigan Boulevard Beach	0	n/a	<a href="#">view</a>
Racine	Myers Park Beach	0	n/a	<a href="#">view</a>
Racine	North Beach	276	14%	<a href="#">view</a>
Racine	Parkway Beach	0	n/a	<a href="#">view</a>
Racine	Shoop Park Beach	0	n/a	<a href="#">view</a>
Racine	Wind Point Lighthouse Beach	0	n/a	<a href="#">view</a>
Racine	Zoo Beach	201	19%	<a href="#">view</a>
Sheboygan	3rd Street Beach	0	n/a	<a href="#">view</a>

Sheboygan	Amsterdam Beach	0	n/a	<a href="#">view</a>
Sheboygan	Blue Harbor Beach	30	17%	<a href="#">view</a>
Sheboygan	Deland Park Beach	31	3%	<a href="#">view</a>
Sheboygan	Foster Road Beach	0	n/a	<a href="#">view</a>
Sheboygan	General King Park Beach	31	23%	<a href="#">view</a>
Sheboygan	KK Road Beach	0	n/a	<a href="#">view</a>
Sheboygan	Kohler Andrae State Park Nature Center Beach	42	19%	<a href="#">view</a>
Sheboygan	Kohler Andrae State Park North Beach	26	27%	<a href="#">view</a>
Sheboygan	Kohler Andrae State Park North Picnic Beach	28	32%	<a href="#">view</a>
Sheboygan	Kohler Andrae State Park South Picnic Beach	28	32%	<a href="#">view</a>
Sheboygan	Lakeview Park Beach	0	n/a	<a href="#">view</a>
Sheboygan	Van Ess Road Beach	0	n/a	<a href="#">view</a>
Sheboygan	Vollrath Park Beach	0	n/a	<a href="#">view</a>
Sheboygan	Whitcomb Avenue Beach	0	n/a	<a href="#">view</a>
Sheboygan	Wilson Lima Beach / White's Beach	0	n/a	<a href="#">view</a>

1.NOTE: Data and state-specific information for this summary were collected from the U.S. EPA, direct conversations with beach managers in the state, state grant reports to the EPA for BEACH

Act funding, and the state water quality website. The information in this state summary reflects current data as of June 2, 2014. If the 2013 percent exceedance values in this summary don't match, why not? The value at the top of the page reflects the proportion of samples exceeding the Beach Action Value (BAV) for designated beach areas. Additionally, only samples from a common set of beaches monitored each year from 2009 to 2013 are included in the bar chart. Because some beaches were not monitored in each of those years, the percent exceedance for this subset of beaches may not have the same value as the percent exceedance for all of the beaches monitored in 2013. For historical reasons, the percent exceedance values shown here are based on the national single-sample daily maximum standard that was in place from 2009 to 2012. In assessing 2013 beach water quality, this analysis is based on EPA's new BAV of 60 cfu/100ml enterococcus for marine beaches and 190 cfu/100 ml *E. coli* for Great Lakes beaches, in order to best protect beachgoers from water quality health risks.