






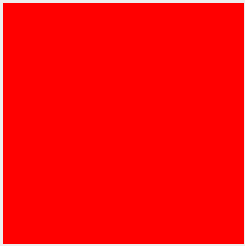

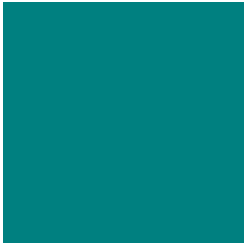

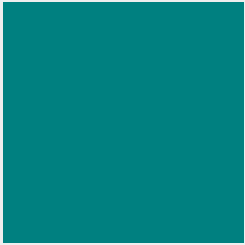

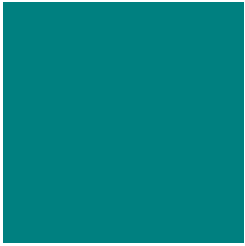
**National Summary
Water Quality Attainment in Assessed Great Lakes Shoreline**








National Summary

Designated Use Support in Assessed Great Lakes Shoreline*

* Waters assessed for more than one designated use are included in multiple designated use groups below.

	<u>Designated Use Group</u>	<u>Miles Assessed</u>	<u>Percent Good</u>	<u>Percent Threatened</u>	<u>Percent Impaired</u>	Legend		
						 % Good	 % Threatened	 % Impaired
	<u>Aquatic Life Harvesting</u>	4,330	.0	.0	100.0			
	<u>Other</u>	3,131	100.0	.0	.0			
	<u>Agricultural</u>	3,131	100.0	.0	.0			
	<u>Industrial</u>	3,131	100.0	.0	.0			

	<u>Recreation</u>	1,129	12.4	.0	87.6	
	<u>Fish, Shellfish, And Wildlife Protection And Propagation</u>	996	7.2	.0	92.8	
	<u>Public Water Supply</u>	916	35.4	.0	64.6	

National Summary
Causes of Impairment in Assessed Great Lakes Shoreline

<u>Cause of Impairment Group</u>	<u>Miles Threatened or Impaired</u>
<u>Polychlorinated Biphenyls (PCBs)</u>	4,330
<u>Dioxins</u>	3,454
<u>Mercury</u>	3,388
<u>Pesticides</u>	2,483
<u>Toxic Organics</u>	1,992
<u>Pathogens</u>	523
<u>Nutrients</u>	418
<u>Nuisance Exotic Species</u>	380
<u>Sediment</u>	290
<u>Habitat Alterations</u>	170
<u>Organic Enrichment/Oxygen Depletion</u>	120
<u>Toxic Inorganics</u>	5

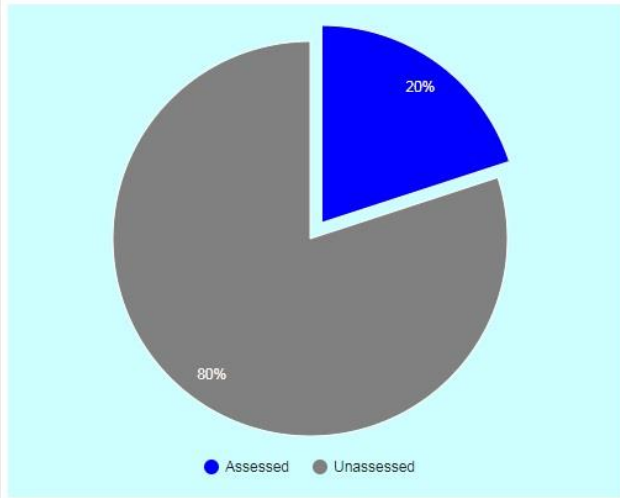
National Summary
Probable Sources of Impairments in Assessed Great Lakes Shoreline

<u>Probable Source Group</u>	<u>Miles Threatened or Impaired</u>
<u>Atmospheric Deposition</u>	3,280
<u>Unknown</u>	1,070
<u>Legacy/Historical Pollutants</u>	851
<u>Agriculture</u>	657
<u>Municipal Discharges/Sewage</u>	342
<u>Hydromodification</u>	240
<u>Urban-Related Runoff/Stormwater</u>	98
<u>Habitat Alterations (Not Directly Related To Hydromodification)</u>	98
<u>Industrial</u>	72
<u>Unspecified Nonpoint Source</u>	47
<u>Land Application/Waste Sites/Tanks</u>	11
<u>Spills/Dumping</u>	3
<u>Natural/Wildlife</u>	1
<u>Recreation And Tourism (Non-Boating)</u>	1

National Summary
Water Quality Attainment in Assessed Great Lakes Open Water

[Description of this table](#)

**All
Great Lakes Open Water**



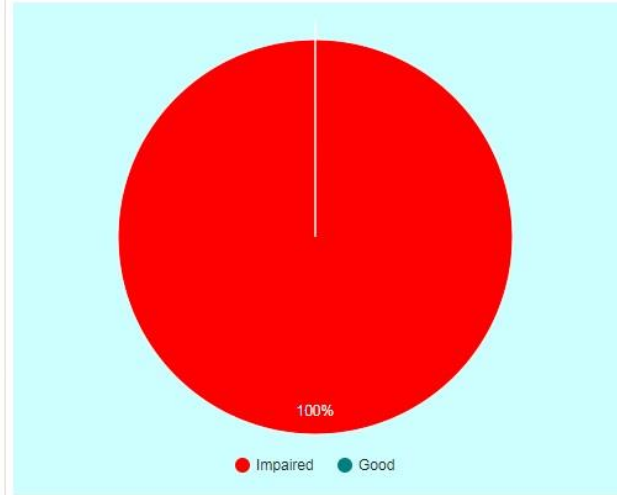
196,343.0 Square Miles of Great Lakes Open Water

<u>Assessed Status</u>	<u>Square Miles</u>
Assessed	39,231
Unassessed	157,112
Total Square Miles	196,343



[Description of this table](#)

**Assessed
Great Lakes Open Water**



39,231.3 Square Miles of
Assessed Great Lakes Open Water

<u>Attainment Status</u>	<u>Square Miles</u>
Good	1
Threatened	0
Impaired	39,230
Total Square Miles Assessed	39,231




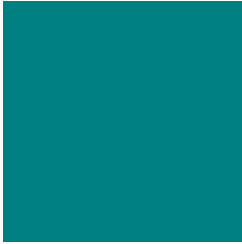




National Summary

Designated Use Support in Assessed Great Lakes Open Water*

* Waters assessed for more than one designated use are included in multiple designated use groups below.

Description of this table

	<u>Designated Use Group</u>	<u>Square Miles Assessed</u>	<u>Percent Good</u>	<u>Percent Threatened</u>	<u>Percent Impaired</u>	Legend		
						 % Good	 % Threatened	 % Impaired
	<u>Aquatic Life Harvesting</u>	39,230	.0	.0	100.0			
	<u>Other</u>	39,031	100.0	.0	.0			
	<u>Agricultural</u>	39,031	100.0	.0	.0			
	<u>Industrial</u>	39,031	100.0	.0	.0			

	<u>Fish, Shellfish, And Wildlife Protection And Propagation</u>	315	63.5	.0	36.5	
	<u>Public Water Supply</u>	201	100.0	.0	.0	
	<u>Aesthetic Value</u>	196	.1	.0	99.9	
	<u>Recreation</u>	196	100.0	.0	.0	

National Summary
Causes of Impairment in Assessed Great Lakes Open Water

<u>Cause of Impairment Group</u>	<u>Square Miles Threatened or Impaired</u>
<u>Polychlorinated Biphenyls (PCBs)</u>	39,230
<u>Mercury</u>	39,102
<u>Dioxins</u>	38,862
<u>Pesticides</u>	29,661
<u>Toxic Organics</u>	22,349
<u>Nutrients</u>	311
<u>Metals (other than Mercury)</u>	0
<u>Sediment</u>	0

National Summary
Probable Sources of Impairments in Assessed Great Lakes Open Water

<u>Probable Source Group</u>	<u>Square Miles Threatened or Impaired</u>
<u>Atmospheric Deposition</u>	39,230
<u>Unknown</u>	9,297
<u>Agriculture</u>	4,488
<u>Municipal Discharges/Sewage</u>	115
<u>Unspecified Nonpoint Source</u>	115
<u>Urban-Related Runoff/Stormwater</u>	0
<u>Industrial</u>	0
<u>Legacy/Historical Pollutants</u>	0
