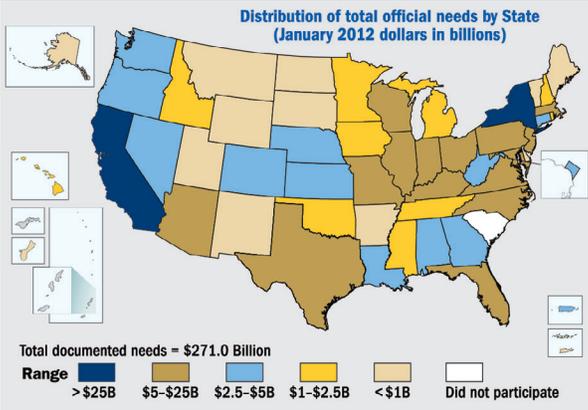


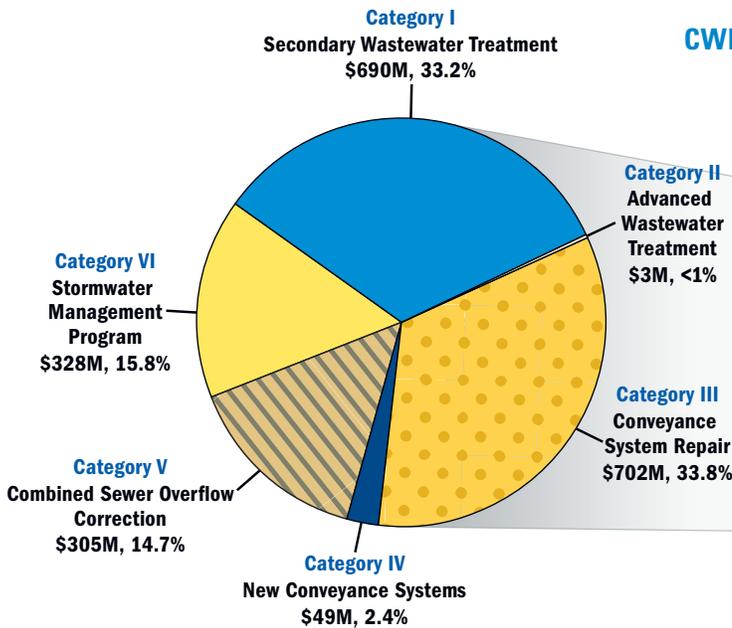
Michigan



The Clean Watersheds Needs Survey (CWNS) is a comprehensive assessment of needs to meet the water quality and water-related public health goals of the Clean Water Act (CWA). States and the U.S. Environmental Protection Agency (EPA) conduct the CWNS every four years under CWA Section 516 (b). Michigan did not have the resources to complete the updating of their data for the 2004 Survey.

Visit www.epa.gov/CWNS for more information.

CWNS 2012 Michigan documented needs by category (January 2012 dollars in millions).



Category	\$M	Percent
I Secondary Wastewater Treatment	690	33.2
II Advanced Wastewater Treatment	3	< 1
III Conveyance System Repair	702	33.8
IV New Conveyance Systems	49	2.4
V Combined Sewer Overflow Correction	305	14.7
VI Stormwater Management Program	328	15.8
X Recycled Water Distribution	nr	nr
Total	2,077	100.0

Improvements in treatment level of Michigan's publicly-owned wastewater treatment plants.

Level of treatment	Population served in millions (number of facilities)				Population change from 2008-2012	Projected population change from 2012-2032
	2004 ^b	2008 ^b	2012 ^b	2032		
Less than Secondary ^a	- (0)	- (0)	- (0)	- (0)	-	-
Secondary	1.3 (204)	0.5 (178)	0.5 (180)	0.5 (180)	3.8%	6.6%
Greater than Secondary	6.2 (120)	6.6 (155)	6.2 (155)	6.3 (155)	-7.1%	3.0%
No Discharge	0.1 (68)	< 0.1 (58)	< 0.1 (58)	0.1 (58)	0.0%	17.4%
Partial Treatment	- (4)	- (0)	- (0)	- (0)	-	-
Total	7.6 (396)	7.2 (391)	6.8 (393)	7.0 (393)	-6.3%	3.5%

^a Includes facilities granted section 301(h) waivers from secondary treatment for discharges to marine waters. As of January 1, 2012 waivers for 36 facilities in the CWNS 2012 database had been granted or were pending.

^b This table contains best available information from States and Territories that did not have the resources to complete the updating of the data or did not participate in the CWNS 2004 or 2008. In these circumstances, information for this table was taken from previous surveys.

Total Michigan needs for the 2004-2012 CWNS by category (January 2012 dollars in millions).

