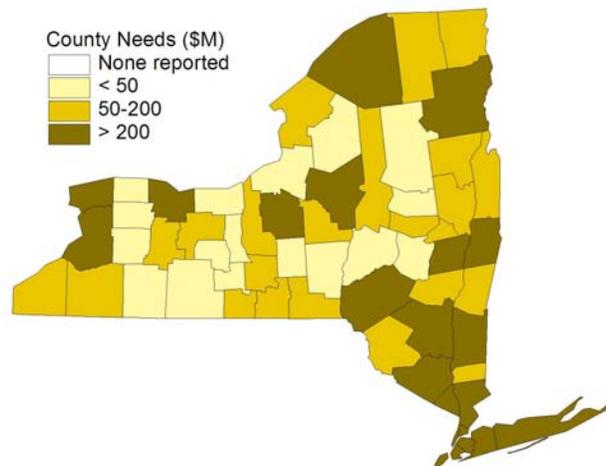




New York Clean Watersheds Needs Survey 2008

The Clean Watersheds Needs

Survey (CWNS) is a comprehensive assessment of needs¹ 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). New York documented needs totaling \$35.4 billion in 2008. This is a 22 percent increase from the \$29.0 billion in needs documented in 2004.



Documented Needs in New York

Type of Need	Needs (2008 Dollars, Millions)		
	2004	2008	Percent Change
Wastewater treatment	\$14,144	\$17,022	20%
Pipe repair and new pipes	\$3,941	\$4,954	26%
Recycled water distribution	nr ^a	nr	0%
Combined sewer overflow correction	\$7,779	\$6,648	-15%
Total Wastewater Treatment Needs	\$25,864	\$28,624	11%
Conveyance infrastructure	n/a	\$600	n/a
Treatment systems	n/a	\$40	n/a
Green infrastructure	n/a	\$331	n/a
General stormwater management	\$415	\$120	-71%
Total Stormwater Management Needs^b	\$415	\$1,091	163%
Agriculture (cropland) best management practices (BMPs)	\$63	\$36	-43%
Agriculture (animals) BMPs	\$114	\$43	-62%
Silviculture (forestry) BMPs	\$132	\$130	-2%
Ground water protection: unknown source BMPs	\$837	\$1,779	113%
Marinas BMPs	\$8	\$2	-75%
Resource extraction BMPs	nr	nr	0%
Brownfields remediation	\$187	\$198	6%
Storage tank remediation	\$15	\$4	-73%
Sanitary landfills BMPs	\$740	\$646	-13%
Hydromodification (Water resource restoration and protection)	\$615	\$2,718	342%
Other estuary management activities ^c	n/a	\$9	n/a
Total Nonpoint Source Control Needs^{b,d}	\$2,711	\$5,565	105%
Total Decentralized Wastewater Treatment Needs^{b,d}	\$26	\$165	535%
Total Needs	\$29,016	\$35,445	22%

^aNot reported; ^bActual needs may be higher, since documenting these needs is difficult; ^cIn 2004, Other Estuary Management Needs were reported under Separate State Estimates (SSEs); ^dNot included in Official Needs in the Report to Congress.

¹ Documented needs in the CWNS include the unfunded capital costs of projects as of January 1, 2008 that address a water quality or a water quality-related public health problem existing as of January 1, 2008, or expected to occur within the next 20 years; and meet the seven CWNS documentation criteria. All needs are in January 2008 dollars.



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Wastewater Treatment Facilities

The enactment of the Clean Water Act (CWA) in 1972 resulted in dramatic improvements in the:

- Number of wastewater treatment plants.
- Percentage of the population served by wastewater treatment plants.
- Quality of effluent treatment from wastewater treatment facilities.

In 2008, 82% of New York residents received centralized wastewater treatment services at the secondary, advanced, or no discharge treatment level, compared to 40% in 1972.

Number of Centralized Treatment Facilities and Population Served									
Treatment Level	Number of Facilities			Population Served					
	1972	2008	Projected ^a	1972	%Total Population		%Total Population		Projected ^a
					1972	2008	2008	2008	
Less than Secondary	169	0	0	4,643,000	26	0	0		0
Secondary	165	370	391	3,324,000	18	11,574,292	60		11,526,268
Advanced	145	179	211	3,924,000	22	4,178,653	22		4,757,857
No Discharge	0	30	39	0	0	109,616	1		138,899
Total	479	579	641	11,891,000	66	15,862,561	82		16,423,024

^aNumber of facilities and population served if all needs documented in the CWNS 2008 are met.

Small Communities

In New York, small community wastewater facilities serve 15% of the population and comprise 5% of total wastewater treatment and collection needs. EPA small community support information is available at:

www.epa.gov/owm/mab/smcomm

Reported Needs for Facilities in Small Communities				
Population	Facilities		Needs (2008 Dollars, Millions)	
	2004	2008	2004	2008
0-999	85	77	\$258	\$255
1,000-3,499	152	143	\$596	\$693
3,500-10,000	81	83	\$472	\$608
Total	318	303	\$1,326	\$1,556

Visit www.epa.gov/cwns for more information including:

- Detailed Reports to Congress
- Other state fact sheets
- Maps, charts, and data downloads for projects, facilities, watersheds, counties, congressional districts, cities, states, and regions