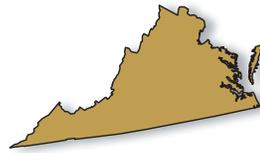
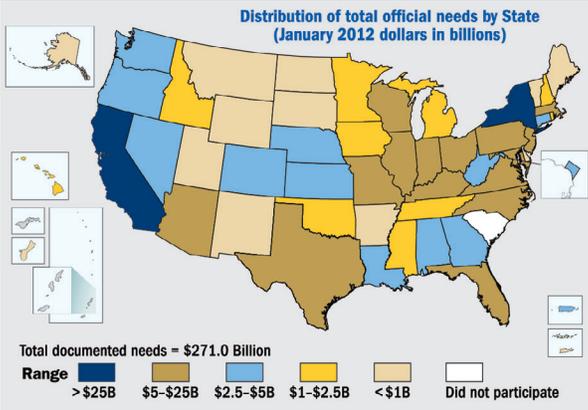
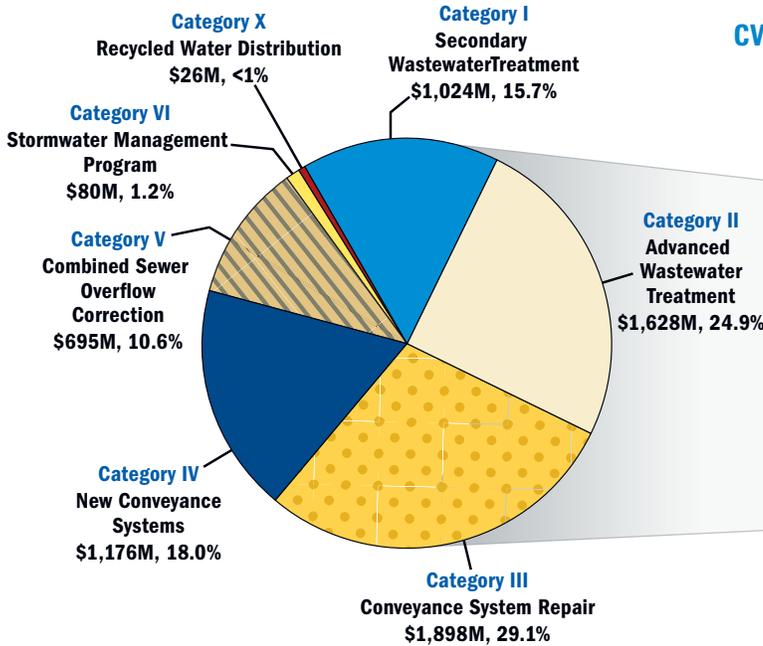


# Virginia



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). Visit [www.epa.gov/CWNS](http://www.epa.gov/CWNS) for more information.

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



Category	\$M	Percent
I Secondary Wastewater Treatment	1,024	15.7
II Advanced Wastewater Treatment	1,628	24.9
III Conveyance System Repair	1,898	29.1
IV New Conveyance Systems	1,176	18.0
V Combined Sewer Overflow Correction	695	10.6
VI Stormwater Management Program	80	1.2
X Recycled Water Distribution	26	< 1
<b>Total</b>	<b>6,528</b>	<b>100.0</b>

### Improvements in treatment level of Virginia'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	2008	2012	2032		
Less than Secondary <sup>a</sup>	- (0)	- (0)	- (0)	- (0)	-	-
Secondary	2.4 (154)	1.8 (152)	1.6 (144)	1.8 (118)	-8.9%	11.7%
Greater than Secondary	2.5 (63)	3.6 (72)	3.8 (86)	6 (113)	5.8%	55.0%
No Discharge	< 0.1 (1)	< 0.1 (1)	< 0.1 (1)	< 0.1 (3)	0.0%	170.4%
Partial Treatment	- (7)	- (3)	- (1)	- (0)	-	-
<b>Total</b>	<b>4.9 (225)</b>	<b>5.4 (228)</b>	<b>5.4 (232)</b>	<b>7.8 (234)</b>	<b>1.0%</b>	<b>42.3%</b>

<sup>a</sup> 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.

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

