

## DASHBOARD

## District of Columbia (DC) Biosolids Statistics

Data Quality & Methods	2018	explanations & sources
<p><b>Quality &amp; Confidence</b> in this state's data:</p> <p>Data sources &amp; methods:</p> <p>DC biosolids included in 2018 EPA ECHO data</p> <p><b>Demographics &amp; Wastewater</b></p> <p>DC population</p> <p>Total land area in DC (acres):</p> <p>Population density (persons/square mile):</p> <p>Total number of WRRFs reported in state survey:</p> <p>total number of WRRFs permitted/reported elsewhere:</p> <p>number of WRRFs in EPA ECHO reports for 2018:</p> <p><b>Average population served per WRRF:</b></p> <p><b>Average wastewater flow Blue Plains/DC Water (MGD, NBDP):</b></p> <p><b>% of population served by on-site (septic) systems:</b></p> <p><b>Biosolids used or disposed / person in 2018 (lbs):</b></p>	<p><b>HIGH</b></p> <p>DC Water provided data to the NBDP WWTP survey. Data previously submitted by DC Water to EPA are consistent.</p> <p>100% % in ECHO vs. the total presented here</p> <p>702,455</p> <p>39,040</p> <p>11,516</p> <p>1</p> <p>1</p> <p>1</p> <p><b>695,430</b></p> <p><b>318</b></p> <p><b>1%</b></p> <p><b>146</b></p>	<p>ranking by survey team based on information provided in survey (options: High, Moderate, Low, None)</p> <p><a href="https://echo.epa.gov/facilities/facility-search?mediaSelected=ch10Annual">https://echo.epa.gov/facilities/facility-search?mediaSelected=ch10Annual</a></p> <p>U. S. Census estimate for July 1, 2018 <a href="https://www.census.gov/newsroom/press-kits/2018/pop-estimates-national-state.html">https://www.census.gov/newsroom/press-kits/2018/pop-estimates-national-state.html</a></p> <p>calculated</p> <p>survey response by state expert</p> <p>Seiple et al., 2020; state experts, etc. <a href="https://echo.epa.gov/facilities/facility-search?mediaSelected=ch10Annual">https://echo.epa.gov/facilities/facility-search?mediaSelected=ch10Annual</a></p> <p>calculated</p> <p>survey response by state expert</p> <p>survey response by state expert</p> <p>calculated</p>
<p><b>Biosolids Application</b></p>	<p>N/A</p>	
<p><b>Nutrient Sources - Comparison</b></p>	<p>N/A</p>	
<p><b>State Regulatory Involvement</b></p>	<p>N/A</p>	
<p><b>Trends</b></p> <p><b>New land application activity, 2018 - new permits &amp; acreage, acres applied:</b> acres applied in 2018:</p> <p><b>Local regulations &amp; their impacts?:</b> details...</p> <p><b>Legislative &amp; District regulatory actions in 2018 &amp; their impacts?:</b> details...</p> <p><b>Biosolids beneficial use increasing... ..in 2018?:</b> <b>....in 2020?:</b> details...</p>	<p><b>Low</b></p> <p>7,000 bulk Bloom soil applied outside DC (e.g. in VA)</p> <p><b>None</b></p> <p><b>None</b></p> <p><b>staying the same at 100%</b></p> <p><b>staying the same at 100%</b></p>	<p>rankings by survey team based on information provided in survey (options: High, Moderate, Low, None)... With quotes of survey responses by state expert(s)</p> <p>survey response by district expert</p> <p>survey response by district expert</p>
<p><b>Changes in Biosolids Use &amp; Disposal</b></p> <p><b>Change* in solids reported used or disposed (dry U. S. tons):</b></p> <p><b>Beneficial Use - percentage point increase or decrease (-):</b></p> <p><b>Landfill &amp; surface disposal - % point increase or decrease (-):</b></p> <p><b>Incineration - percentage point increase or decrease (-):</b></p> <p><b>Class A - percentage point increase or decrease (-):</b></p> <p><b>Class B - percentage point increase or decrease (-):</b></p> <p><b>No class or not known - percentage point increase or decrease (-):</b></p>	<p>(54,405)</p> <p>0%</p> <p>0%</p> <p>0%</p> <p>100%</p> <p>-100%</p> <p>0%</p>	<p>*Change may be due to population increase/decrease, change in treatment at a large WWTP, and/or different systems of data tracking and reporting.</p> <p>calculated comparing these 2018 data to 2004 data compiled by the same survey team (NEBRA, 2007)</p>