## Population Data Vignette

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## Population data

Population Data for Wisconsin's Wastewater treatment plants(WWTP). For cities with more than one WWTP (Madison and Milwaukee) the population is for the whole city.

First column is the WWTP site and the next is the population

site	pop
Algoma	3171
Appleton	74832
Ashland	8000
Baraboo	14000
Beloit	35000
Berlin	6000

Sometimes we split sites by population size into 3 groups Small(below 10,000), Medium(between 10,000 and 100,000), and Large(Over 100,000)

site	pop	popgroup
Algoma	3171	Small
Appleton	74832	Medium
Ashland	8000	$\operatorname{Small}$
Baraboo	14000	Medium
Beloit	35000	Medium
Berlin	6000	$\operatorname{Small}$

To combine cities that have multiple WWTP you can use code similar to this.

site	pop
MMSD-P11	106791
MMSD-P18	89139
MMSD-P2	83127
MMSD-P7	42734
MMSD-P8	70024
Madison	380000