



LATITUDE
COMPLIANCE

WASTE MANAGEMENT



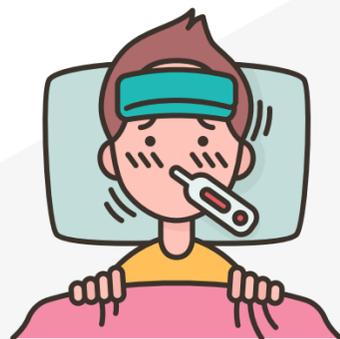
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HISTORY OF SANITATION IN NY

Streets used to be lined up w/ garbage, human, & animal waste, animal corpses



People became sick w/ illnesses such as cholera & yellow fever b/c of trash that was discarded everywhere



In 1832, it was reported that the smell of the city could be spotted about 6 miles away!



1881

N.Y.C. Dept. of Street Cleaning was created to clean up the city after lackluster garbage collection services managed by New York City Police Dept



***HISTORY OF
SANITATION
CONT.***

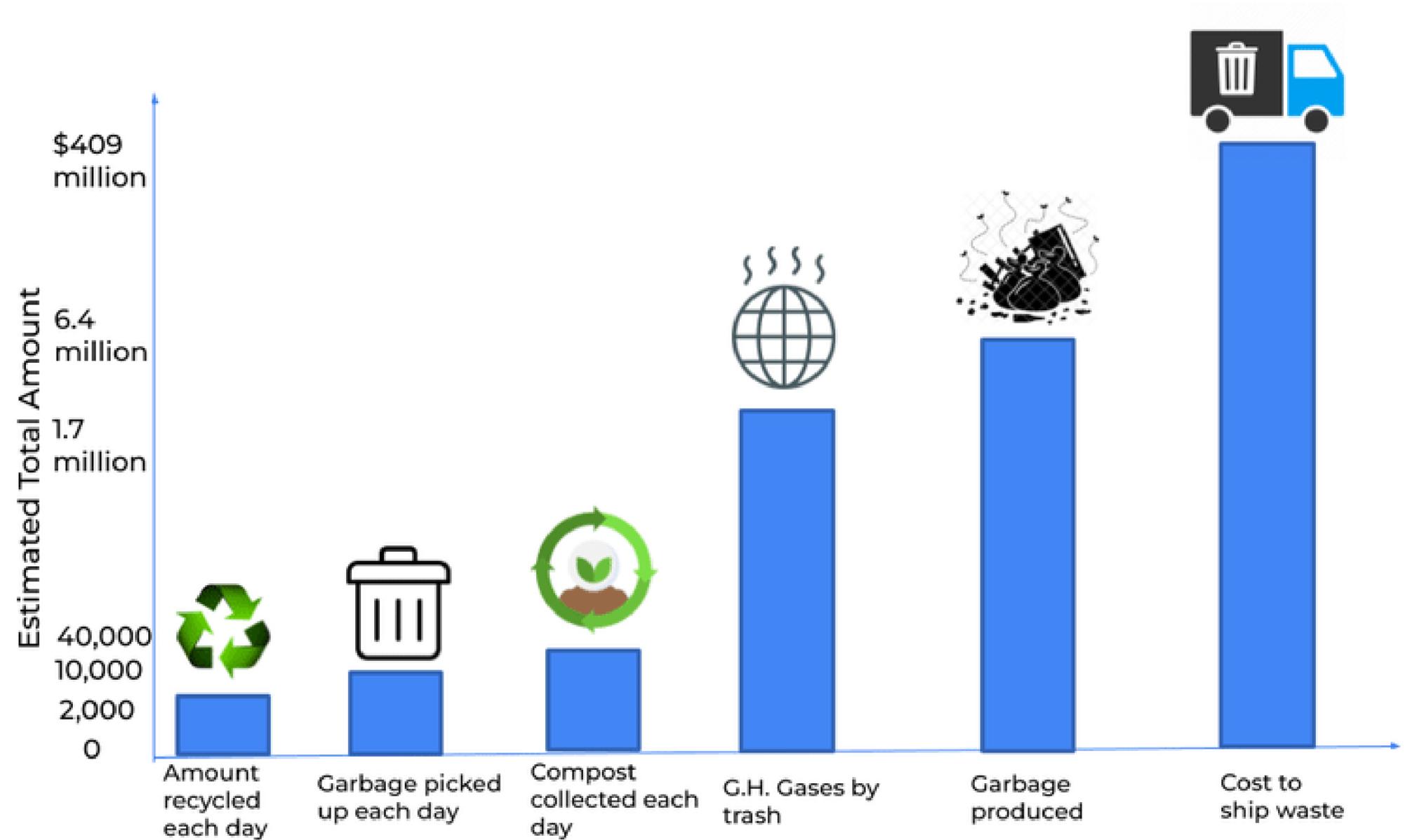
1895

Civil War Colonel George Waring implemented a system to remove trash from city streets & developed a recycling program

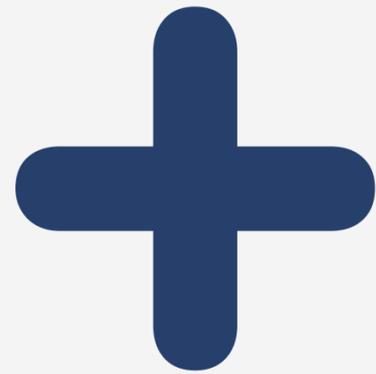


THE NUMBERS AS OF JULY 2021

<https://www1.nyc.gov/assets/dsny/site/services>



HOW DOES SANITATION WORK NOW?



In the city, residential trash and recycling are collected by the Sanitation Dept. for residential buildings

Private commercial collection companies collect trash from commercial establishments



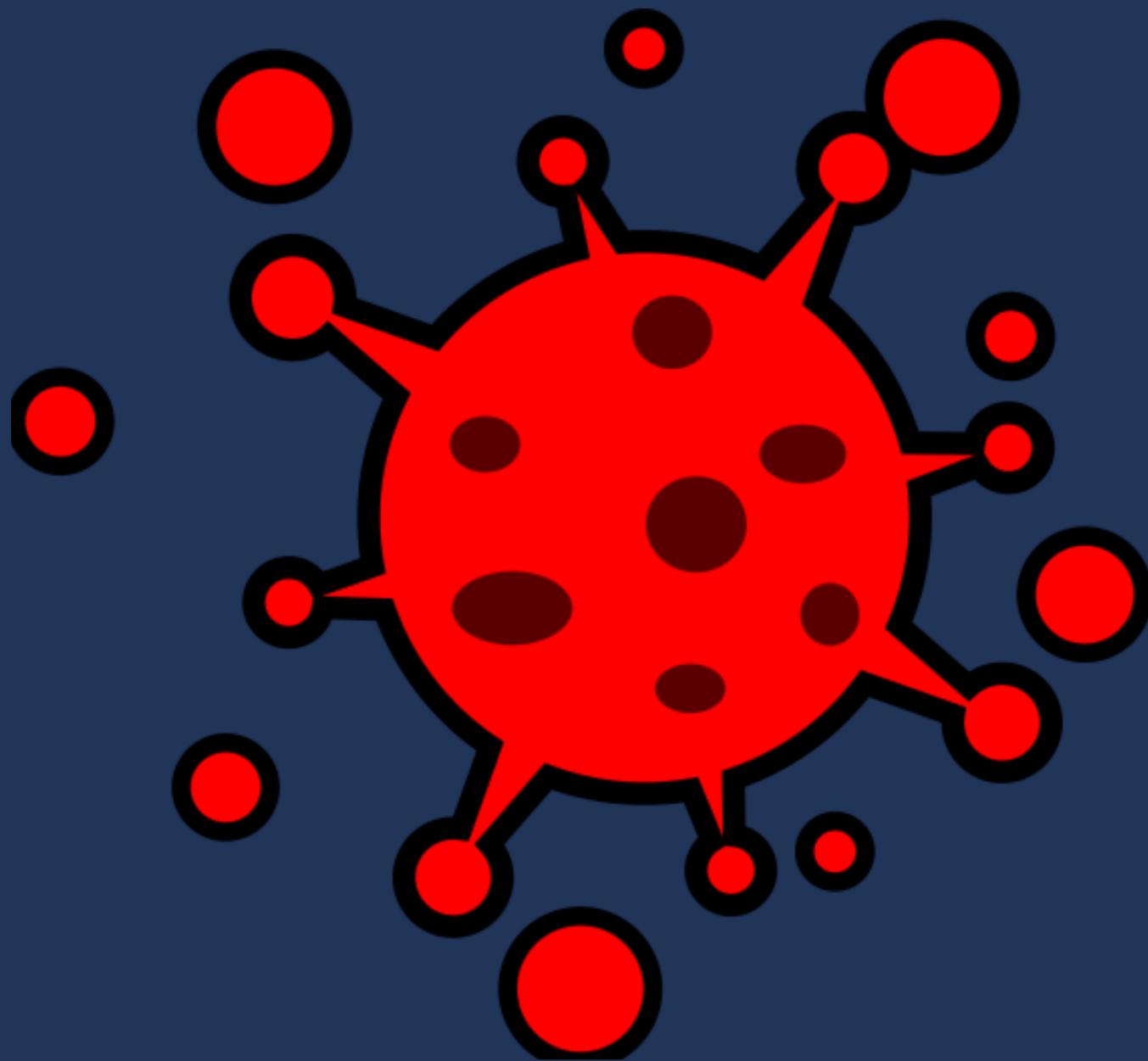
The Sanitation Dept. collects waste that include trash that can't be recycled, recyclables, organic waste, hazardous products, and electronics. They also collect trash from sidewalks and manage snow during the winter



Garbage is sent to landfills and incinerators, located in other states such as Ohio, Pennsylvania & South Carolina since the closing of the city's Fresh Kills landfill on Staten Island in 2001.



This has polluted areas where the garbage goes., which tend to be located near impoverished neighborhoods such as Newark's Ironbound district



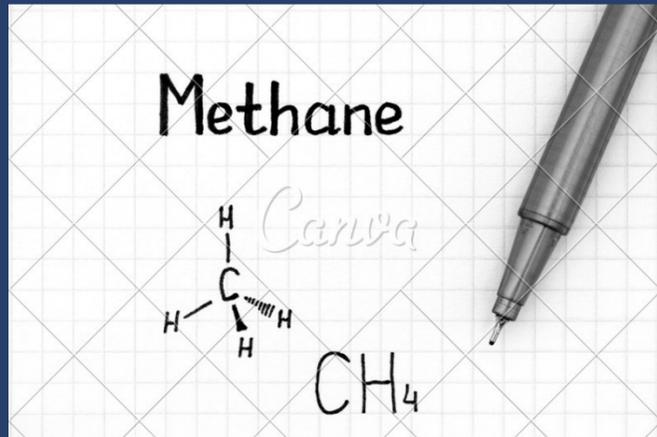
EFFECT OF COVID



NY's goal of zeroing out residential waste by 2030 was to reduce amount of material it sends to landfill by 90% by 2030

- COVID came in the way of this goal
 - City hall cut street sweeping in half during COVID
 - Residents recycling lowest since 2015
 - Workers fired due to vaccine mandates

LIMITATIONS



- Unrecycled trash from the boroughs emits methane, which is 25x more potent than CO₂
- Mayor Eric Adams increased city budget for city sweeping by \$11 million and launched \$1.3 million pilot program to get black bags off sidewalks

LIMITATIONS CONT.



- At a cost of \$452 million, N.Y. shipped out nearly 3.4 million tons of household trash b/w July 1, 2020 and June 30, 2021, up from 3.2 million the year before according to the report given*
- N.Y. underperforms cities like Seattle, San Francisco and Los Angeles, whose leaders have more stringent trash requirements over the years that have yielded better recycling rates*

*<https://www1.nyc.gov/assets/operations/downloads/pdf/pmmr2022/dsny.pdf>

*<https://wasteadvantagemag.com/the-top-15-greenest-cities-in-the-world-for-recycling/>



POTENTIAL SOLUTIONS

- More participation
- Create some more financial incentives for recycling for the average person
- Have more influential figures promote zero waste



SOURCES

- <https://www.cityandstateny.com/politics/2021/07/how-does-nycs-waste-management-system-work/183994/>
- <https://www1.nyc.gov/assets/dsny/site/services>
- *<https://www1.nyc.gov/assets/operations/downloads/pdf/pmmr2022/dsny.pdf>
- <https://www.politico.com/news/2022/04/22/zero-waste-new-yorkers-recycle-00026708>
- <https://wasteadvantagemag.com/the-top-15-greenest-cities-in-the-world-for-recycling/>



THANK YOU

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