

Definition of Indicators of Waste Treatment Facilities

Indicator	Definition	Formula
1. Rate of waste recycling	Percentage of waste recycled and reused in the amount of waste generated (sum of the estimated amount collected by municipalities, amount directly brought into municipal facilities by businesses, and amount from group collection)	$\frac{\text{Amount of waste recycled and reused}}{\text{Estimated amount of waste collected by municipalities + amount directly brought into municipal facilities by businesses + amount from group collection}}$
2. Rate of waste treatment	Percentage of waste undergoing intermediate treatment such as incineration or recycling among the amount of waste treated by municipalities (sum of the estimated amount collected by municipalities and amount directly brought into municipal	$\frac{\text{Amount of waste undergoing intermediate treatment such as incineration or recycling}}{\text{Estimated amount collected by municipalities + amount directly brought into municipal facilities by businesses}}$
3. Remaining capacity of final landfill sites for municipal solid waste	Percentage of the capacity remaining in final landfill sites for municipal solid waste in relation to the annual amount of municipal solid waste finally disposed by municipalities for landfill	$\frac{\text{Remaining capacity of landfill sites for municipal solid waste}}{\text{Annual amount of municipal solid waste finally disposed by municipalities for landfill}}$
4. Sanitary treatment rate of night soil	Percentage of the amount of night soil and sludge from johkasoh treated at night soil treatment facilities or discharged into the sewage among the amount of night soil and the sludge collected by municipalities	$\frac{\text{Amount of night soil and the sludge treated at night soil treatment facilities + amount discharged into sewage}}{\text{Estimated amount of night soil and the sludge collected by municipalities}}$
5. Rate of population with wastewater treatment service	Of the total population, the percentage with wastewater treatment services such as sewage, community wastewater treatment facilities, johkasoh, etc.	$\frac{\text{Population with wastewater treatment services}}{\text{Total population}}$
6. Rate of population with johkasoh Note: Johkasoh is an on-site treatment system of domestic wastewater.	Of the total population, the percentage with housing unit-based johkasoh (limit to wastewater treatment facility that can treat both night soil and domestic effluent).	$\frac{\text{Population with johkasoh}}{\text{Total population}}$