

**FACTSHEET**

# Waste Wise Cities Tool in Lagos, Nigeria



Lagos mega city being a Nigerian coastal city is also the economic/commercial Centre of the Nigerian nation. Currently, Lagos is experiencing population explosion with attendant geometric increment in waste generation.

The dynamics of effective municipal solid waste management in Lagos is being encumbered by depreciating waste management infrastructures which may have been responsible for leakages of waste floaters into the coastal/marine environment.

**Office of the Managing Director Lagos Waste Management Authority (LAWMA)**  
Lagos State Ministry of the Environment, Lagos State.



City: **Lagos**  
Country: **Nigeria**



Population: **14,368,331**



Year of WaCT Survey: **2021**

## Key Waste Data

Total municipal solid waste (MSW) generated by the city

**11349 t/d**

**48%**

Total MSW collected

**5445 t/d**

**8%**

Total MSW collected and managed in controlled facilities

**887 t/d**

Per capita MSW generation

**0.79 kg/cp/d**

Per capita household food waste generation

**0.19 kg/cap/d**

**8%**

City Recovery Rate

## Household and non-household waste generation



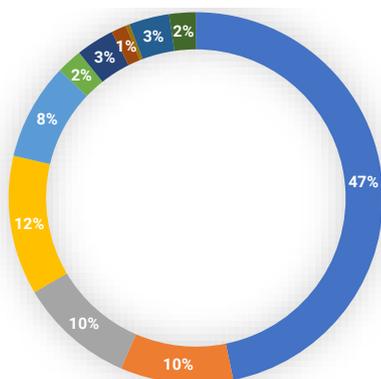
	Average household waste generation (kg/capita/day)	Total population	Total MSW generated by households (t/day)
High income	0.65	2,155,249	1,410
Middle income	0.44	5,028,916	2,206
Low income	0.60	7,184,166	4,329
<b>TOTAL</b>	<b>0.55</b>	<b>14,368,331</b>	<b>7,944</b>



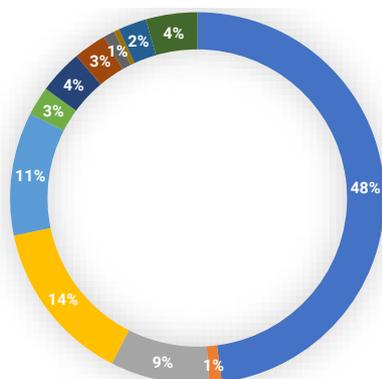
Total MSW generated from non-household sources (t/day): **3,405**  
 calculated using proxy of 30 % of total MSW

## Composition of waste at the households and at the disposal site

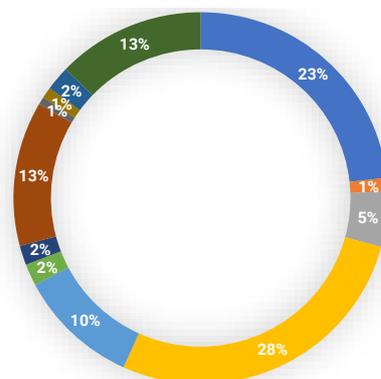
Household waste composition  
higher income areas



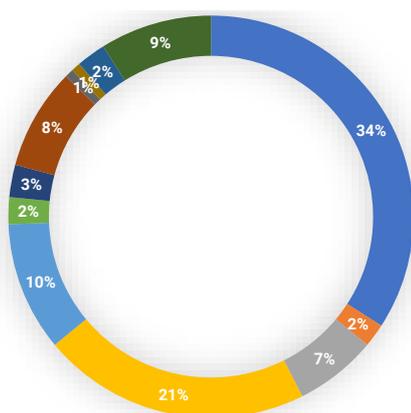
Household waste composition  
middle income areas



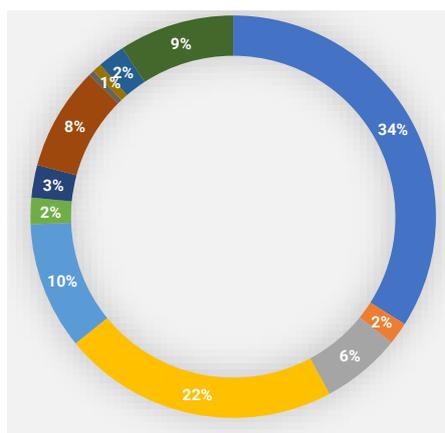
Household waste composition  
lower income areas



Average household waste composition



Waste composition at disposal site



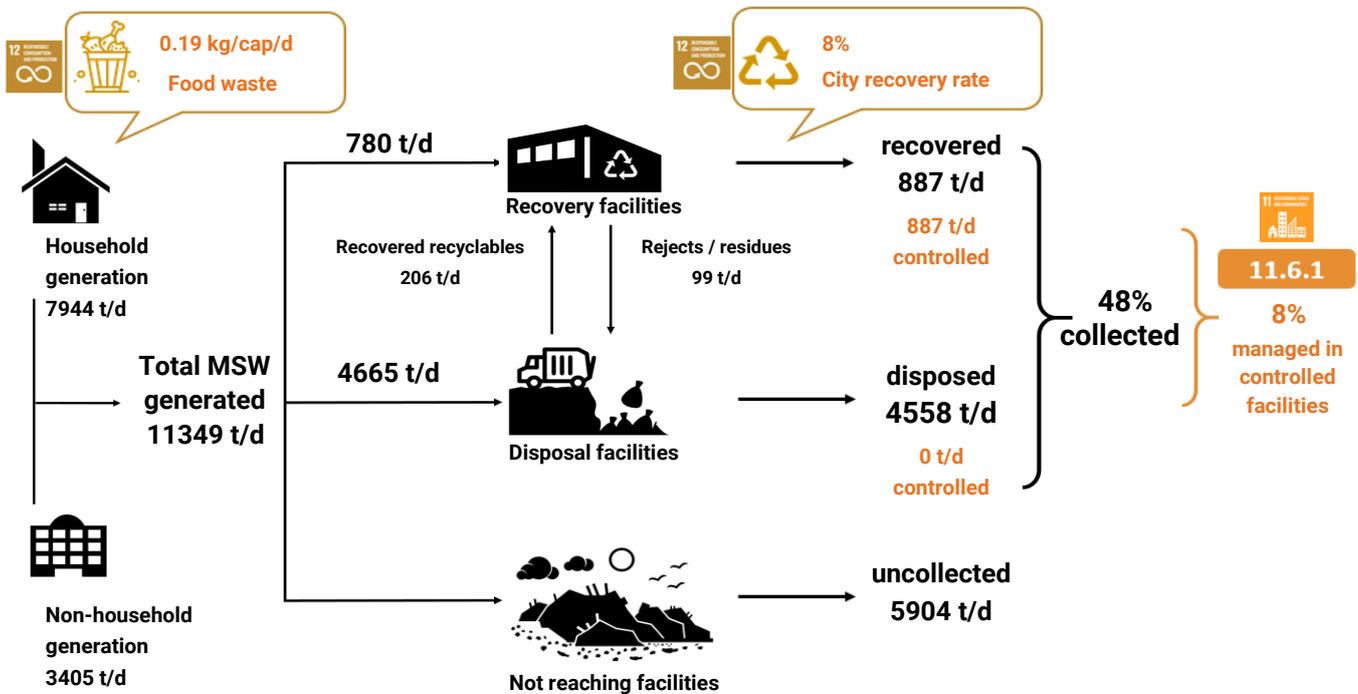
- Kitchen / canteen
- Garden / park
- Paper / cardboard
- Plastic film
- Plastics dense
- Metals
- Glass
- Textiles / shoes
- Wood (processed)
- Special wastes
- Composite products
- Other

## Potential recyclables from households



Types	Recyclable waste generation from households (t/day)
Food waste	2710
Plastics dense	1,703
Plastic film	825
Paper and cardboard	522
Glass	206
Metal	172
<b>Total</b>	<b>6,138</b>

## WaCT Flow Chart



For more info and if interested in WaCT application contact the Waste Wise Cities Team at [WasteWiseCities@un.org](mailto:WasteWiseCities@un.org)

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**WASTE WISE  
CITIES**

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