

Nigeria

Nigeria is in West Africa, and borders Benin in the west, Chad and Cameroon in the east, and Niger in the north. The country covers an area of 923,770 square kilometres and has a population of about 190.89 million people, making it the most populous nation in Africa. About 49.5% of the population reside in urban areas. With a GDP of USD 375.75 billion (in 2017), Nigeria is one of the largest economies in Africa. The economy relies heavily on oil as its main source of foreign exchange earnings and government revenues.*

SWM is the responsibility of the Department of Pollution Control, Solid Waste Management and Technology, under the Ministry of Environment. The Department is responsible for municipal, medical, and hazardous waste. Other institutions involved in solid waste management include the Ministry of Health (responsible for medical waste), the Ministry of Agriculture and Rural Development (responsible for agricultural waste), and Abuja Environmental Protection Board (in charge of waste within the federal capital territory).

Nigeria has a national policy on solid waste management and a national budget for solid waste management. However, there is no basic law on municipal solid waste, and there is no sanitary landfill.

Sources: * Wikipedia, Nigeria, accessed 9 April 2019, <<https://en.wikipedia.org/wiki/Nigeria>> and World Bank, Nigeria, accessed 9 April 2019, <<https://databank.worldbank.org/data/reports.aspx?source=2&country=NGA>>

Information

Population*	190.89 million (2017)
Population growth (annual %)*	2.6 (2017)
Area (km ²)*	923,770
GDP (current USD)*	375.75 billion (2017)
GDP growth (annual %)*	0.8 (2017)
GNI per capita, Atlas method (current USD)*	2,100 (2017)
Main industries**	Agriculture, oil, telecommunications, financial services, transport, mining
Currency***	USD 1 : NGN 361.2 (Nigerian naira) (February 2019)

Sources: * World Bank, Nigeria, accessed 9 April 2019, <<https://databank.worldbank.org/data/reports.aspx?source=2&country=NGA>>

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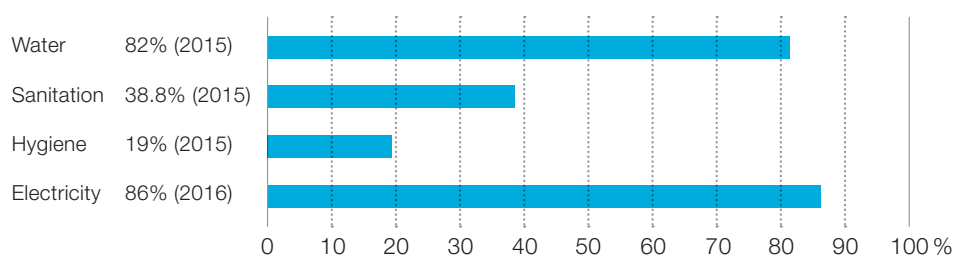
*** Oanda.com

Current SWM Situation

Item	Outline
Legal system	<ul style="list-style-type: none"> ● No national basic law on solid waste management
Policy/Plan	<ul style="list-style-type: none"> ● National Policy on Solid Waste Management 2017
Implementation system	<ul style="list-style-type: none"> ● The Department of Pollution Control, Solid Waste Management and Technology, under the Ministry of Environment, is responsible for waste management. ● Other institutions involved in solid waste management include: <ul style="list-style-type: none"> » Ministry of Health: responsible for medical waste. » Ministry of Agriculture and Rural Development: responsible for agricultural waste. » Abuja Environmental Protection Board: responsible for waste within the federal capital territory. » Informal operators collect recyclable materials in the streets and disposal sites. The national policy on solid waste management covers issues related to informal operators. ● There is an established system for the collection of SWM data. However, data is collected infrequently and only in few cities. ● Number of staff in the SWM department: <ul style="list-style-type: none"> » Total number of staff: 23 » Staff that took SWM course in university: 21 » Staff that worked in SWM sector for five years or more: 5 ● Sanitary landfill: There is no sanitary landfill.

Item	Outline
Financial system	<ul style="list-style-type: none"> ● There is a budget of NGN 150,000,000-500,000,000 for SWM. ● There is no tax related to solid waste. ● There is a subsidy for intervention projects on waste management.
Donor support	<ul style="list-style-type: none"> ● UNIDO: Development of a policy and institutional framework for sustainable integrated municipal solid waste management. ● JICA: Human development (Training).
Areas for improvement	<ul style="list-style-type: none"> ● Institutional reform. ● Development of basic laws and policies on SWM. ● Development of a waste tax system.

Status of Access to Basic Services* (in urban area)



*The definition of each basic service is on page 1 of ANNEX.

Estimated Waste Amount

The future amount of waste generation is estimated based on the projection of urban population at three waste generation rates, i.e. 0.5, 0.75, and 1.0 kg/person/day.

		unit: thousand persons			
Population	Year	2015	2020	2025	2030
	Total		181,182	206,153	233,692
Urban		86,673	107,113	130,312	156,300

		unit: thousand ton/day			
Waste Amount	Generation rate	2015	2020	2025	2030
	0.50 kg/pers/day	43.3	53.6	65.2	78.1
	0.75 kg/pers/day	65.0	80.3	97.7	117.2
	1.00 kg/pers/day	86.7	107.1	130.3	156.3

Waste Amount = (generation rate) x (urban population)

Source for population: United Nations, Department of Economic and Social Affairs, Population Division (2018). World Urbanization Prospects: The 2018 Revision, Online Edition.

