General Authority for Statistics
الهيئة العامة للإحصاء

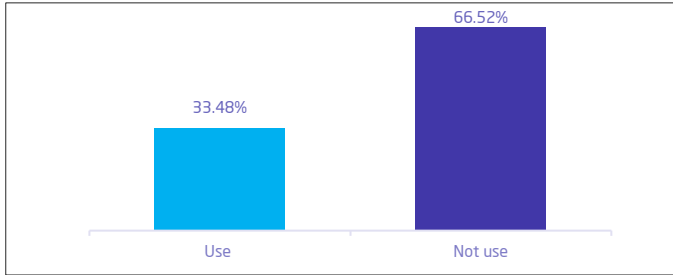## 57.24% of households in Saudi Arabia rely on bottled water as the primary source of drinking water in 2023.

The results of the household environment survey indicated that bottled water is the primary source of drinking water used by households in Saudi Arabia, with a reliance rate of 57.24%. This is followed by public network water at 23.56%, tanker water at 18.60%, and other sources at 0.60%.

Household water conservation devices and tools use

The results showed that 33.48% of households use electrical devices or tools to conserve water, while 66.52% of households do not use water conservation devices or tools (Figure1).

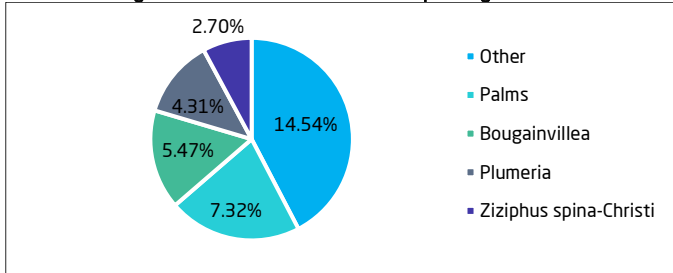**Figure1. Relative distribution of water conservation devices and tools use.**

Household waste disposal methods

The results indicated that 99.44% of total households dispose of household waste in public waste containers, while 0.38% of households burn their waste, 0.02% bury it, and 0.17% use other disposal methods.

Planting trees at homes

The results showed that 17.51% of households have trees at home, where the percentage of households with palm trees reached 7.32% of the total households, while the percentage of households with bougainvillea trees reached 5.47%, followed by Plumeria alba by 4.31% and Ziziphus spina-christi by 2.70% (Figure2).
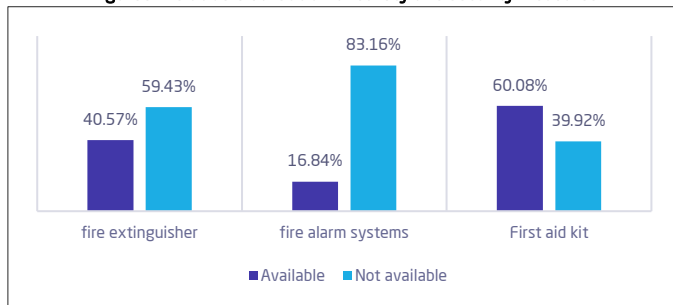
Figure2. Relative distribution of tree planting in homes

Household safety and security measures

The results demonstrated that 60.08% of households have a first aid kit, 40.57% have a fire extinguisher, and 16.84% have fire alarm systems (Figure 3).

Figure3. Relative distribution of safety and security measures

Types of environmental pollution at home

The results indicated that 47.34% of households complain about visual pollution, 43.33% suffer from noise pollution, and 38.10% experience air pollution. Meanwhile, 6.56% of households reported being bothered by light pollution.

Household interest in environmental topics

The percentage of households showing interest in environmental topics reached 87.98%, while 3.94% indicated a lack of interest, and 8.08% were neutral toward environmental topics.

The survey found that 26.17% of households consider air pollution to be the most important environmental issue, followed by climate change at 22.22%, and the increase in waste volume ranked third at 21.64%. Desertification was next at 16.65%, and the scarcity of drinking water was viewed as the least important topic, with 12.30%.

Key indicators of Household Environment Statistics Publication		
Key indicators	**Unit**	**2023**
Percentage of households that rely on bottled water as the primary source of drinking water.	%	57.24
Percentage of households that rely on public network water as the primary source of drinking water.	%	23.56
Percentage of households that use devices or tools for water conservation.	%	33.48
Percentage of households that dispose of their waste in public waste containers.	%	99.44
Percentage of households planting trees at home	%	17.51
Percentage of households that have an interest in the environment.	%	87.98

Source : **Tables**

Methodology and Quality

The Household Environment Survey 2023 methodology was prepared according to the Statistical Procedures Guide, aligned with internationally recognized operational procedures. Data was collected through computer-assisted telephone interviews (CATI) covering all regions of Saudi Arabia, as well as from administrative records from relevant entities. The survey aims to fulfill the requirements of Sustainable Development Goals (SDG) indicators, in addition to providing indicators that support decision-makers and strategic planning.

For more details, refer to the Methodology and Quality