



**TIAME**  
NATIONAL RESEARCH UNIVERSITY



# ANNUAL REPORT

*on the amount of food waste in  
“TIAME” National Research University  
during 2022*



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## **ANNUAL REPORT ON THE AMOUNT OF FOOD WASTE IN “TIIAME” NATIONAL RESEARCH UNIVERSITY DURING 2022**

Our institute has 1 closed and 1 open student canteen, 7 cafeterias where you can buy small food products in educational buildings, and 3 9-story and 1 3-story student residences. As a result of observations, the amount of food waste generation was studied. According to it, the average food waste for 1 day during the 4 periods of the academic year, i.e. 1st, 2nd, 3rd semesters and summer vacation, is the amount shown in the following tables.

### **The average amount of food waste in 1 day in the 2 semesters of the academic year (January-March) at the institute**

**Table 1**

<b>No</b>	<b>Objects</b>	<b>1 day food waste (kg)</b>
<b>1.</b>	Student kitchen (indoor building)	26
<b>2.</b>	Canteen of professors and teachers	5
<b>3.</b>	Student kitchen (open building)	14
<b>4.</b>	Educational buildings	26
<b>5.</b>	Student residences (9 floors)	22
<b>6.</b>	Student residences (3 floors)	5
	<b>Total</b>	<b>98</b>

### **The average amount of food waste per day at the institute in 3 semesters of the academic year (April-June)**

**Table 2**

<b>No</b>	<b>Objects</b>	<b>1 day food waste (kg)</b>
<b>1.</b>	Student kitchen (indoor building)	25
<b>2.</b>	Canteen of professors and teachers	3
<b>3.</b>	Student kitchen (open building)	18
<b>4.</b>	Educational buildings	15
<b>5.</b>	Student residences (9 floors)	26
<b>6.</b>	Student residences (3 floors)	3
	<b>Total</b>	<b>80</b>

**The average amount of food waste per day in the summer vacation period of the academic year (July-August) at the institute**

**Table 3**

<b>No</b>	<b>Objects</b>	<b>1 day food waste (kg)</b>
1.	Student kitchen (indoor building)	0
2.	Canteen of professors and teachers	4
3.	Student kitchen (open building)	3
4.	Educational buildings	5
5.	Student residences (9 floors)	0
6.	Student residences (3 floors)	0
	<b>Total</b>	<b>12</b>

**The average amount of food waste per day at the institute in the 1st semester of the academic year (September-December)**

**Table 4**

<b>No</b>	<b>Objects</b>	<b>1 day food waste (kg)</b>
1.	Student kitchen (indoor building)	32
2.	Canteen of professors and teachers	8
3.	Student kitchen (open building)	12
4.	Educational buildings	20
5.	Student residences (9 floors)	23
6.	Student residences (3 floors)	7
	<b>Total</b>	<b>102</b>

Food waste mainly includes food waste containers, plastic and paper products.

In order to achieve convenient sorting of this type of waste by types, boxes for sorting such waste by types were installed on the territory of our institute.

Our institute currently has a total of 5485 students in the 2021-2022 academic year, and 5305 students in the 2022-2023 academic year, 743 professors and teachers and employees. This quota varies depending on the periods of the year mentioned above. The table below shows the number of people counted per day in the territory of the institute in 2022.



## Estimated daily average number of people at the Institute in 2022

**Table 5**

No	Periods	Number of professors	Employees of the institute	Number of students	The number of guests who visited the Institute in 1 day	Total
1	<b>2 semesters</b> January-March	498	566	8523	140	8663
2	<b>3 semesters</b> April-June	498	566	8523	160	8683
3	<b>Summer vacation</b> July-August	154	166	1200	120	1320
4	<b>1 Semester</b> September-December	498	566	9156	250	9406

From the above two types of data, we can determine that we can see the average amount of food waste generated in the institution per person.

## Estimated average amount of food waste per person at the institution in 2022

**Table 7**

No	Periods	Estimated number of people in the Institute per day	Average amount of food waste per day (kg)	Average amount of food waste per person (kg)
1	<b>2 semesters</b> January-March	8663	98	0.011
2	<b>3 semesters</b> April-June	8683	80	0.009
3	<b>Summervacation</b> July-August	1320	12	0.009
4	<b>1 semester</b> September-December	9406	102	0.011

The analyzed data shows that in our institute during 2022, approximately one person generated 2.3 kg of food waste per year. It was also determined that 19.3 tons of food waste was generated in our institute in 2022.