

Tab. 1 : ESTIMATED DATA FOR 5 DAYS OF CHARACTERIZATION - Alphonse-Desjardins building (ADJ)		
	March 27 to 31, 2023 - Winter semester	Estimate 5 days - Summer semester
Food waste (kg)	27,629	9,962
Student, employee, equivalent, full time (EEETP) in hours for 1 week in ADJ	16194	5839
Food waste (kg) by EEETP	0,0017	0,0017

Tab. 2 : ESTIMATED DATA 3 SEMESTER - Alphonse-Desjardins building (ADJ)				
Semester	SUMMER SEMESTER - 2023	AUTUMN SEMESTER - 2023	WINTER SEMESTER - 2023	Total
Food waste (kg)	149,431	442,064	442,064	1 033,559
EEETP in hours BY SEMESTER - one year in ADJ building	87 585	259 104	259 104	605 793
Food waste (kg) by EEETP - au ADJ	0,0017	0,0017	0,0017	0,00512

Tab. 3 : ESTIMATED DATA 3 SEMESTER - ALL BUILDING*				
Semester	SUMMER SEMESTER - 2023	AUTUMN SEMESTER - 2023	WINTER SEMESTER - 2023	Total
Food waste (kg)	5 257,239	17 187,292	17 187,292	39 631,823
EEETP in hours BY SEMESTER - one year on campus	3 081 390	10 073 872	10 073 872	23 229 134
Food waste (kg) by EEETP	0,0017	0,0017	0,0017	0,00512

#### METHODOLOGY - Food waste study

##### Note on the food waste data :

1. The results presented in table 1 are based on a data collection in one of the food services of the ADJ building during 5 days (from March 27 to 31 2023) ;

##### IN THE FOOD SERVICES KITCHEN:

2. IN THE KITCHEN, the food waste data do not include compostable material (like compostable napkin) and coffee grounds. It may includes bones, peel vegetable, etc.
3. The sustainable food system coordinator coordinated the data collection in the kitchen. The bags for the recovery of materials had been identified to facilitate the sorting of materials by the kitchen team.
4. After each day, all the bags have been weighed giving part of the data above (in green).

##### IN THE DINING ROOM AREA:

5. Several students were hired to help with the characterization of the waste generated by the food services of the ADJ building : the students were present at all sorting stations to help consumers sort their waste according to their origin and the material (edible compost, inedible compost, waste, recycling, etc.). In the data above (in green), a certain amount comes from leftover lunches, but we don't consider this to be significant.

#### METHODOLOGY - data modelization

The data modelization is based on one week of waste characterisation in one building (ADJ). To do so, we used the Student, employee, equivalent, full time (EEETP). The EEETP is a metric use by University Laval to estimate the time spend by student and employee on campus in hours. It gave an estimation of the attendance rates on campus.

In tab. 2., we calculate the Food waste (kg) by EEETP for 3 semester in the ADJ building (47 weeks). Then, we were able to estimate the food waste on campus by using the EEETP (23 229 134) for all the campus building.

In the end, we could estimate than 39 631,823 kg of food waste is generate this years on campus by food services.