

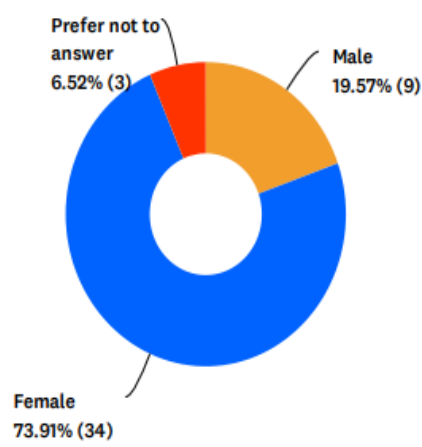
Key Findings (Descriptive Statistics): Understanding Household Food Consumption and Food Waste Management in Galiano Island

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Total Number of responses of the whole survey= 57

Section 1: Demographic Questions

1. What is your gender? (Number of responses=46)

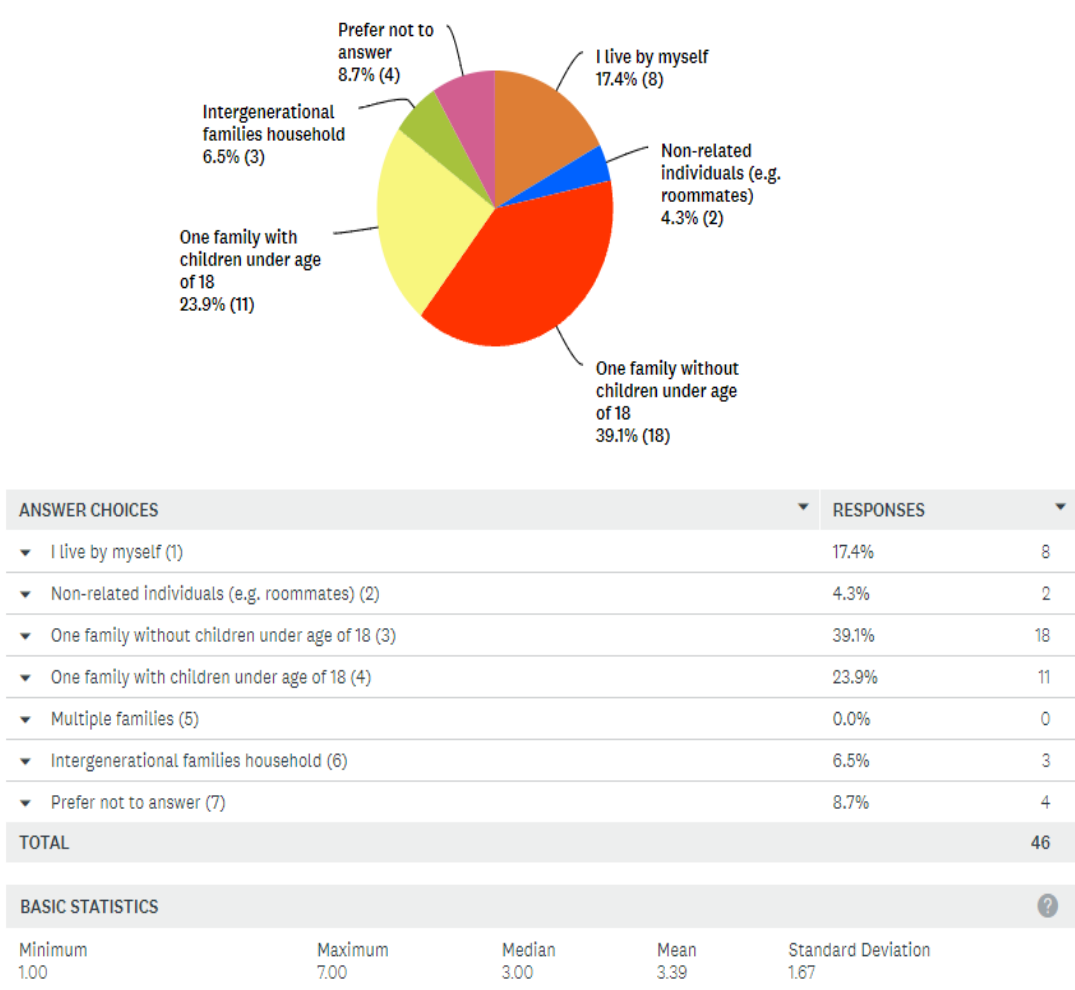


ANSWER CHOICES	RESPONSES	
Male	19.57%	9
Female	73.91%	34
Other	0.00%	0
Prefer not to answer	6.52%	3
TOTAL		46

Based on its 2016 population, Galiano Island had a population of 550 females (52.6%) and 495 males (47.4%). An overwhelming majority of the respondents in the study are women (73.91%)

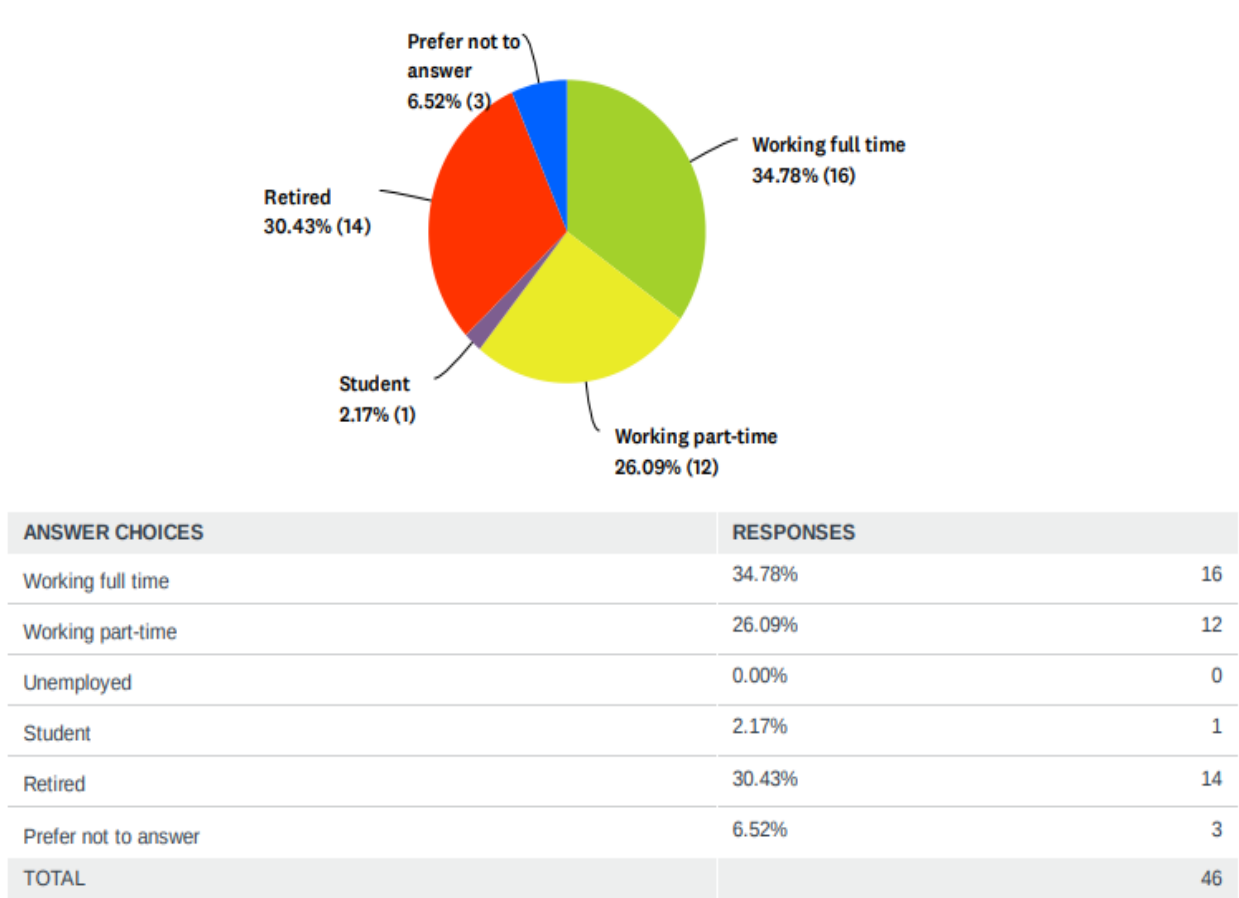
4. Which of the following best describes the people who live in your household?
(Number of responses=46)

Answered: 46 Skipped: 11



5. What is your employment status? (Number of responses= 46)

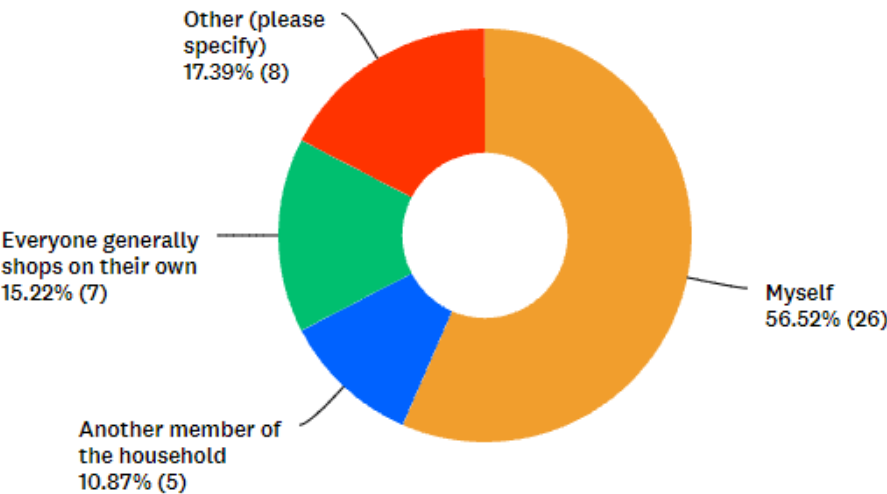
Answered: 46 Skipped: 11



60% of respondents are from the working population. The percentage of retired respondents (30.43%) is reflective of the high percentage of Galiano residents who are above 65 years old.

6. Who normally does the food shopping/pick-up for your household? (Number of responses=46)

Answered: 46 Skipped: 11



ANSWER CHOICES	RESPONSES	
▼ Myself	56.52%	26
▼ Another member of the household	10.87%	5
▼ Everyone generally shops on their own	15.22%	7
▼ Another person that does not live at this household	0.00%	0
▼ Other (please specify)	Responses 17.39%	8
TOTAL		46

Other responses (8):

All family members shop to share together.

We all take turns.

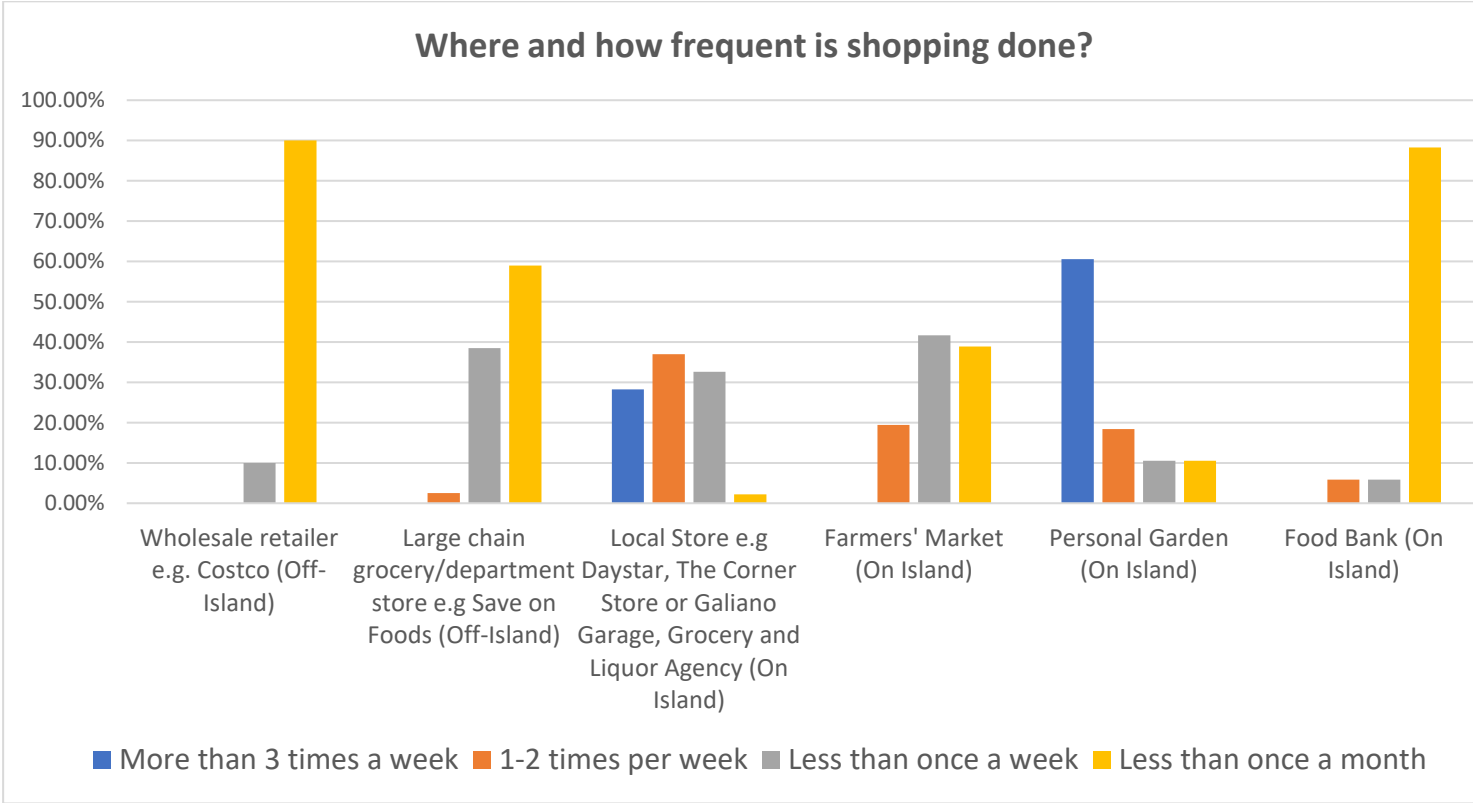
We shop as a family.

Around 80% of the respondents (56.25% and 15.22%) prefer to do their own shopping. In households where there are elderly people above 65 years and who cannot go to their shopping points, another member of the household usually does the shopping.

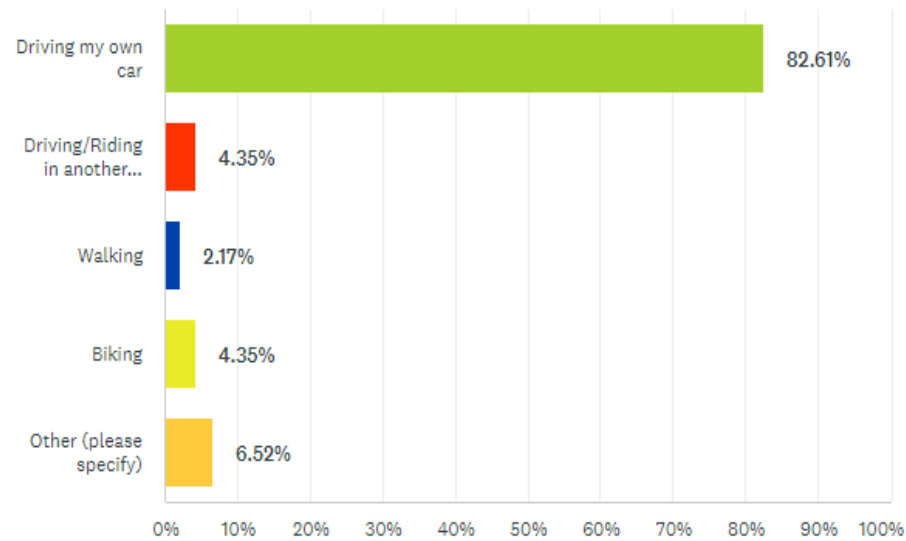
7. Where is the main food shopping/pick-up normally done? (Number of responses=46)

Shopping points	More than 3 times a week	1-2 times per week	Less than once a week	Less than once a month
Wholesale retailer (Off-Island)	0.00%	0.00%	10.00%	90.00%
Large chain grocery/department store (Off-Island)	0.00%	2.56%	38.46%	58.97%
Local Store (On Island)	28.26%	36.96%	32.61%	2.17%
Farmers' Market (On Island)	0.00%	19.44%	41.67%	38.89%
Personal Garden (On Island)	60.53%	18.42%	10.53%	10.53%
Food Bank (On Island)	0.00%	5.88%	5.88%	88.24%

Most of the shopping outlets are found in the south-eastern part of the island where most of its population is found. Shopping points may not be very accessible to people living in the northern and central part of the island unless they have a vehicle. This is why 60% of the respondents grow their own crops due to having to travel long distances to shopping points. On the other hand, people who want to shop a wider range of products are more likely to travel to a larger department store located on the nearby islands.



8. What type of transportation do you typically use to shop for food? (Number of responses=46)



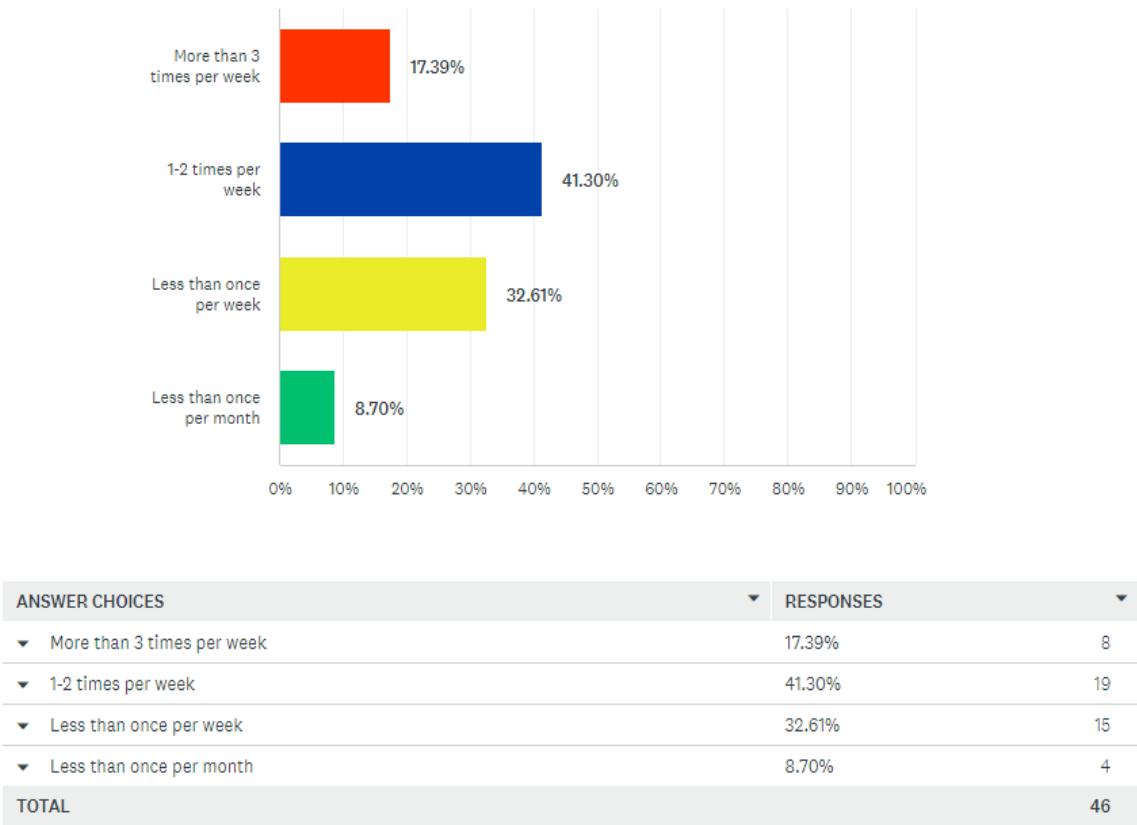
ANSWER CHOICES	RESPONSES	
Driving my own car	82.61%	38
Driving/Riding in another person's car	4.35%	2
Walking	2.17%	1
Biking	4.35%	2
Other (please specify)	Responses 6.52%	3
TOTAL		46

Other responses: Boat/Gas powered scooter for 5 months, year otherwise my car/ E-bike to stores on island.

Due to having to travel longer distances to shop in grocery stores and a lack of a reliable transit system, an overwhelming majority of Galiano residents drive or ride (more than 90%) to their shopping points.

9. How often do you go shopping? (Number of responses=46)

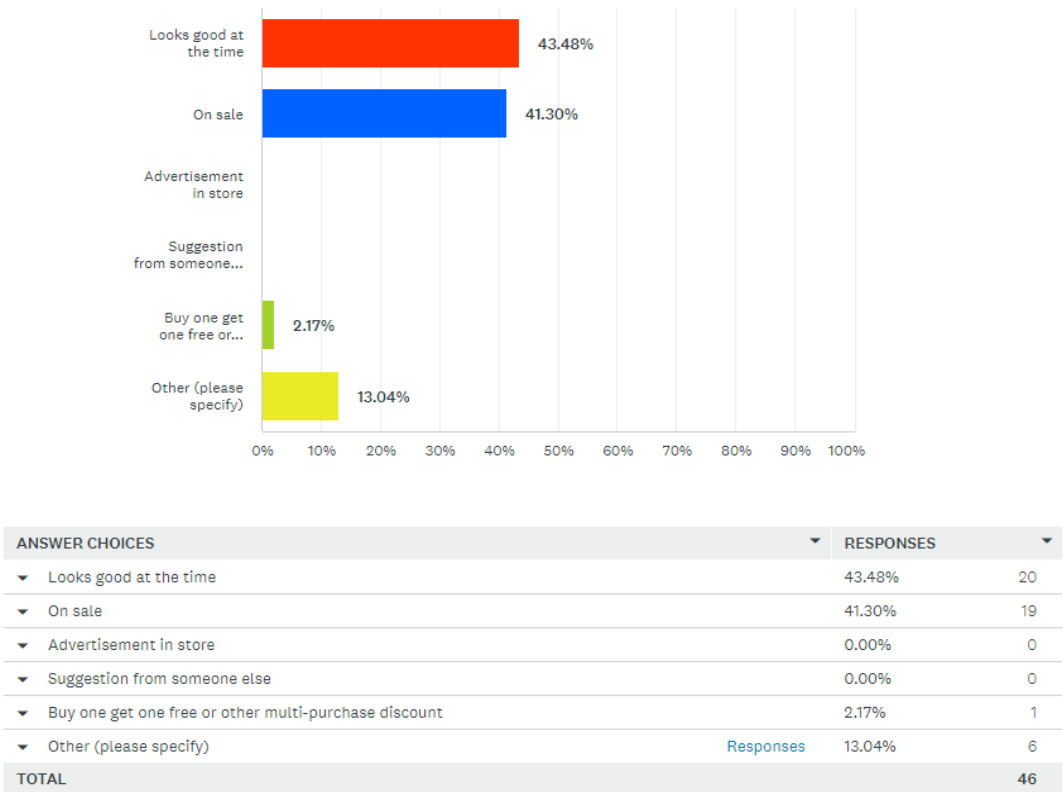
Answered: 46 Skipped: 11



Depending on their weekly/daily meal plans and the distance travelled to their shopping points, most Galiano residents would drive once or less than once a week to do their grocery shopping. Another possible explanation to the fact that more than 80% of Galiano residents travel less than 3 times weekly for shopping is because most grow food in their personal gardens.

10. What are the main reasons for buying items that you did not originally plan to buy? (Number of responses=46)

Answered: 46 Skipped: 11

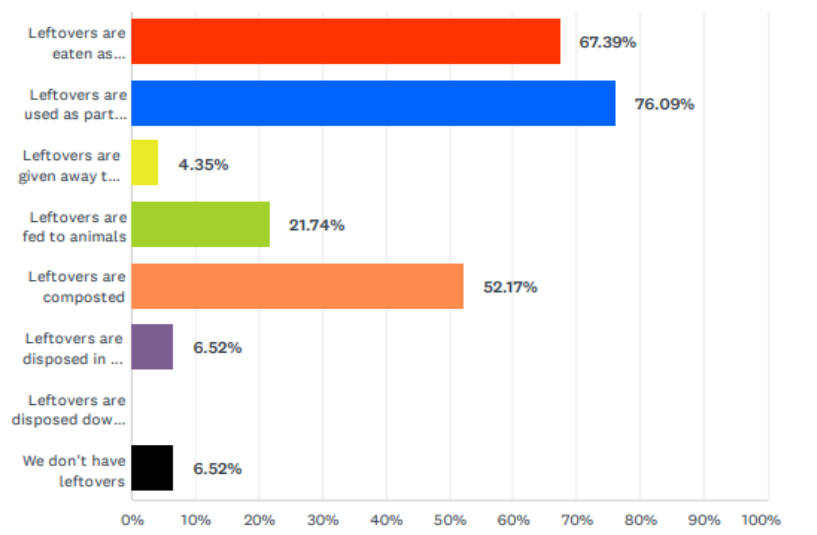


Other reasons:

Usually only fulfill my list/Looks good, on sale, multi-purchase discount/Could be on sale and looks good at the time/we shop for needed supplies only ... what doesn't grow in the garden/unavailability of originally planed, replan needed/ Frequently used item on sale. I can freeze to use later.

As noted above, common explanation for most people buying items they did not originally plan is due to purchasing items on sale/deals.

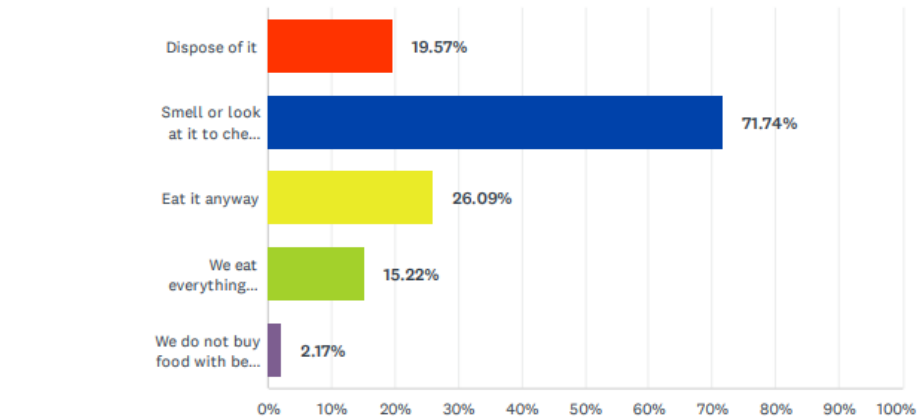
11. In general, what happens to leftovers in your household? Check all that apply (Number of respondents=46)



ANSWER CHOICES	RESPONSES	
Leftovers are eaten as another meal without alteration	67.39%	31
Leftovers are used as part of another meal	76.09%	35
Leftovers are given away to other people	4.35%	2
Leftovers are fed to animals	21.74%	10
Leftovers are composted	52.17%	24
Leftovers are disposed in the garbage	6.52%	3
Leftovers are disposed down the drain	0.00%	0
We don't have leftovers	6.52%	3
Total Respondents: 46		

The fact that many Galiano residents have a personal garden, ileftovers are composted and fed to animals to avoid throwing in the garbage (it would be worth to also check the waste infrastructure/ collection services in Galliano, especially as it relates to organic waste pick up).

12. In general, how does your household handle food that is past its best before date? Check all that apply. (Number of responses =46)



ANSWER CHOICES	RESPONSES	
Dispose of it	19.57%	9
Smell or look at it to check if it is still good	71.74%	33
Eat it anyway	26.09%	12
We eat everything before the best before date	15.22%	7
We do not buy food with best before dates	2.17%	1
Total Respondents: 46		

Checking the quality of the food via smelling and looking at it is indeed an obvious choice for most Galiano residents as it gives a clear indication if the food is starting to rot or go bad. Disposing of the expired food is advisable in case it has not been stored properly (not put in fridge or left outside for a long time).

13. What are the top 3 reasons for disposing food in your household? (Number of responses=42)

Reason 1: Gone bad (11 respondents)

Reason 2: Forgot in fridge (7 responses)

Reason 3: Rotten (6 responses)

Reason 4: Compost inedible parts of veggies/fruits (5 responses).

Reason 5: Spoiled (4 responses)

Reason 6: Mouldy (4 responses)

Reason 7: Leftover food (3 responses)

Reason 8: Child did not eat food (2 response)

Reason 9: Did not like the food (1 response)

Reason 10: Expired food (1 response)

Note: some of these reasons can be further merged to the following:

Reason 1: Spoiled/gone bad/ rotten/mould/ expired: 25

Reason 2: Forgot in fridge: 7

Reason 3: Compost inedible parts: 5

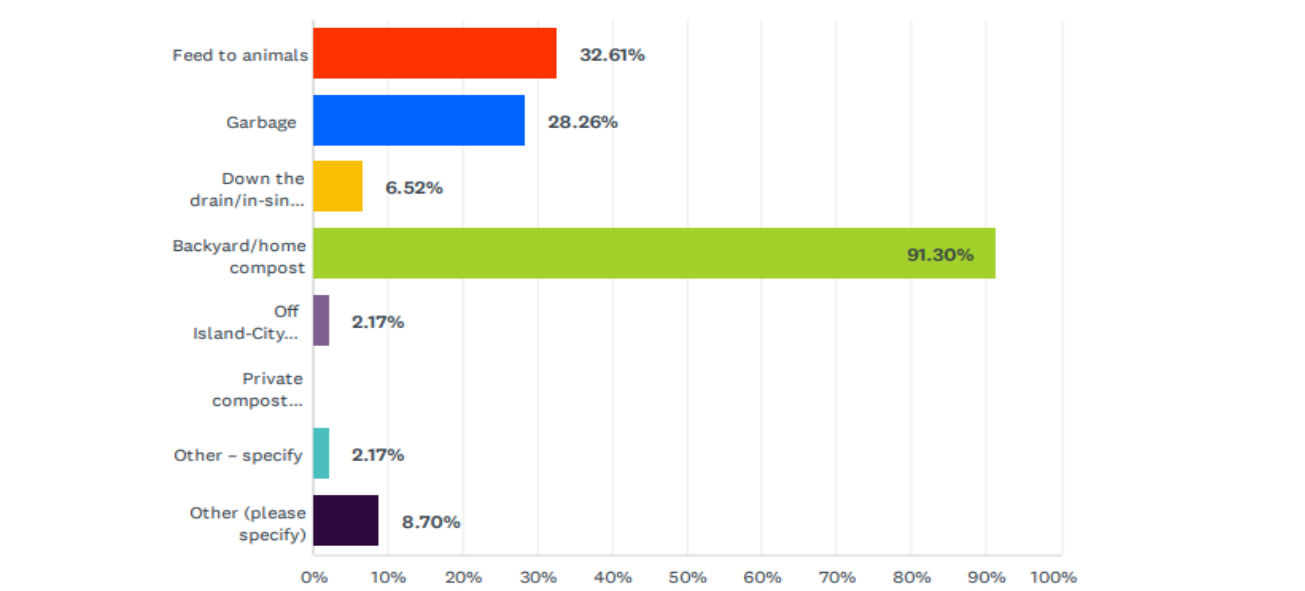
Reason 4: Did not eat leftover food: 3

Reason 5: Child did not eat food: 3

Reason 6: Did not like the food: 1

Reason 7: Expired: 1

14. How do you normally dispose of food (pick top 3)? (Number of responses=46)



ANSWER CHOICES	RESPONSES	
Feed to animals	32.61%	15
Garbage	28.26%	13
Down the drain/in-sink disposal unit	6.52%	3
Backyard/home compost	91.30%	42
Off Island-City Compost Collection	2.17%	1
Private compost collection	0.00%	0
Other – specify	2.17%	1
Other (please specify)	8.70%	4
Total Respondents: 46		

Other responses (4): Ravens eat most everything/ Food digester for fats, meat dairy/ Bones to garbage to discourage rodents/ I take my compost to work.

A majority of Galiano Island residents compost their leftovers/ food waste in their backyard. Galiano Island residents who participated in the survey generally avoid sending food waste into the landfills and manage food waste on site.

15. Over the past week, approximately how much of the following food did you throw out (in the garbage, for animals, composted). Please select one answer for each type of food. (Number of responses=46)

Food Type	Significant amount	Quite a lot	Some	Little	Almost none	None	N/A
Fruits	0%	0%	9%	25%	27%	39%	0%
Vegetables/Salad	0%	2%	14%	33%	26%	26%	0%
Bread and cookies	0%	0%	9%	9%	20%	55%	7%
Rice	0%	0%	7%	9%	18%	57%	9%
Protein/Meat	0%	0%	7%	7%	20%	59%	7%
Milk and Juice	0%	0%	2%	9%	20%	62%	7%
Meal from the home	0%	0%	2%	14%	30%	49%	5%
Non-avoidable waste (example bone, banana peel, bone)	0%	26%	52%	13%	9%	0%	0%
Food that is cooked and over portioned and not served again	0%	0%	5%	11%	36%	45%	2%
Food that is leftover on the plate and no longer consumed	0%	0%	9%	24%	38%	29%	0%
Food that is purchased but completely forgotten/not consumed (example soy sauce and bread)	0%	0%	2%	22%	27%	44%	4%
Food that went off/rotten/expired	0%	0%	18%	33%	36%	13%	0%
Food that does not suit my taste	0%	0%	2%	4%	22%	67%	4%
Food that is disliked by the children	0%	0%	7%	4%	13%	31%	44%

Over the past week, approximately how much of the following food did you throw out (in the garbage, for animals, composted). Please select one answer for each type of food.

