



# **Routine Food Surveillance Results (Third Quarter 2019)**

**Municipal Affairs Bureau  
Department of Food Safety  
2019**



# Routine Food Surveillance for Third Quarter 2019

- The Department conducted the food surveillance and sampling plan based on the types of food circulating in Macao.
- The Centre collected a total of 894 samples in the third quarter of 2019.





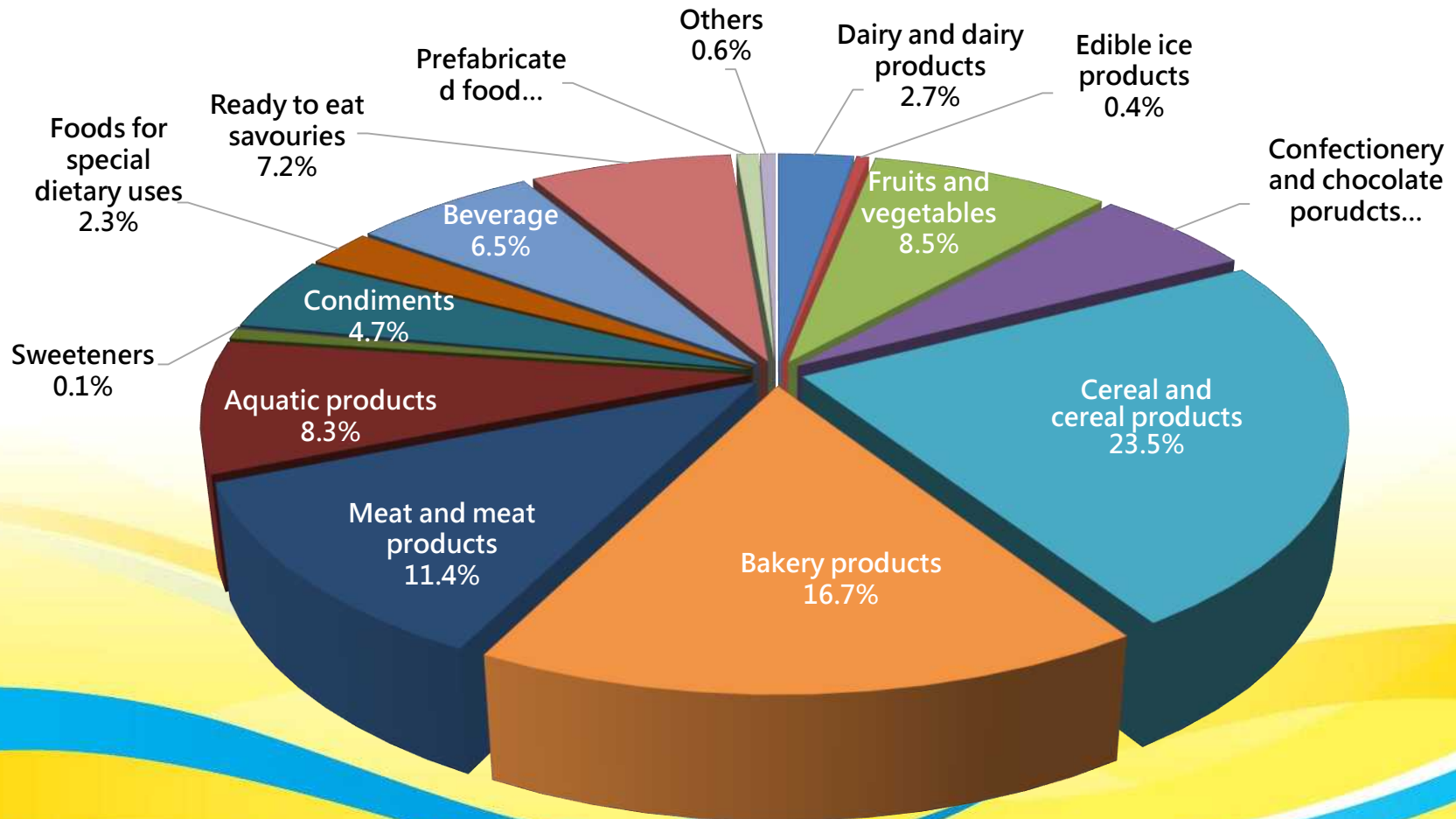
# Routine Food Surveillance for third Quarter 2019

- Samples were collected from local supermarkets, grocery stores, department stores, restaurants, take-away shops, etc.



# Types of samples

(Types of samples included various ready-to-eat foods, beverages, groceries, snacks, etc., a total of 894 samples)



# Types of food

Food category	Food example
Dairy and dairy products :	Milk powder, milk, cheese, cheesecake, etc.
Edible ice products :	Sorbet, popsicles, ice-cream, ice cream drink, etc.
Fruits and vegetables :	Salad, pre-cut fruits, bean products, etc.
Confectionery and chocolate products :	Soft candy, hard candy, chocolate, etc.
Cereal and cereal products :	White rice, brown rice, rice vermicelli, rice and wheat noodle, pasta, etc.
Bakery products :	Bread, cake, tart, pastries, etc.
Meat and meat products :	Luncheon meat, spiced pork cubes, ham, meatball, Siu-Mei, Lo-Mei, marinated pig's ear, pork chop, dried pork, etc.
Aquatic products :	Sashimi, seafood salad, steamed fish, fish ball, etc.
Egg and egg products :	Scramble egg, omelet, steamed egg, egg products, etc.
Sweeteners :	White sugar, brown sugar, glucose sucrose powder, syrup, etc.
Condiments :	Salad dressing, sweet and sour sauce, curry sauce, satay sauce, chicken powder, etc.
Foods for special dietary uses :	Collagen Drink, chicken essence ,etc.
Beverage :	Bottled water, bottle beverage, pre-packed drinks, homemade beverages, etc.
Instant snacks :	Cheese rings, potato chips, prawn crackers, etc.
Prefabricated food :	Herbal Jelly powder, microwave food etc.
Others :	Tea etc.

# Types of test

- **Microbiological analysis**

**(Pathogen)** e.g. *Staphylococcus aureus*, *Salmonella*, *Listeria monocytogens*, *Bacillus cereus*, *Clostridium perfringens*, *Vibrio Parahaemolyticus* etc.

- **Chemical analysis**

Malachite green, Lead, Cadmium, Total Mercury, Total Arsenic, Nitrite, Sudan red, Aflatoxin B1, Sulfur dioxide etc.

- **Radiation level analysis**

Iodine-131, Caesium-134, Caesium-137



# Test results

- The overall satisfactory rate was 99.9%.
- 1 food sample was found to be unsatisfactory.





# Test Results

- Among 1019 food samples, 1 was found to be unsatisfactory.

Sample	Testing item	Result
Mango Mousse Cake	<i>Salmonella</i>	Detected





# Follow-up and Preventive Actions

- **Follow-up actions have been taken on the unsatisfactory samples, which included:**
  - ✓ Request the respective shops to stop selling the affected products immediately.
  - ✓ Request the manufacturers to check the food source and production processes.
  - ✓ Seal and dispose the inventory of the relevant products.
  - ✓ Review and Re-check.



# Advice for Trade

- Purchase foods and ingredients from reputable suppliers. Do not buy food from unknown sources.
- Increase food safety awareness of food handlers. Store and handle food properly.
- Keep all the purchase and sale records for product tracing by the competent government authorities whenever necessary.
- Do not purchase or sell any food products if there is any doubt about its hygiene and safety.



# Advice for Consumers

- Buy foods from reliable, reputable, hygienic and licensed stores or food establishments.
- When having non-packaged foods, pay attention to hygienic condition of food containers and personal hygiene of staff.
- Eat and purchase fresh, non-abnormal and well-prepared foods.
- Do not purchase or eat any food if there is any doubt about its safety or quality.



# Release Results and Enquiries

The Department of Food Safety releases food surveillance results and information through the following channels:

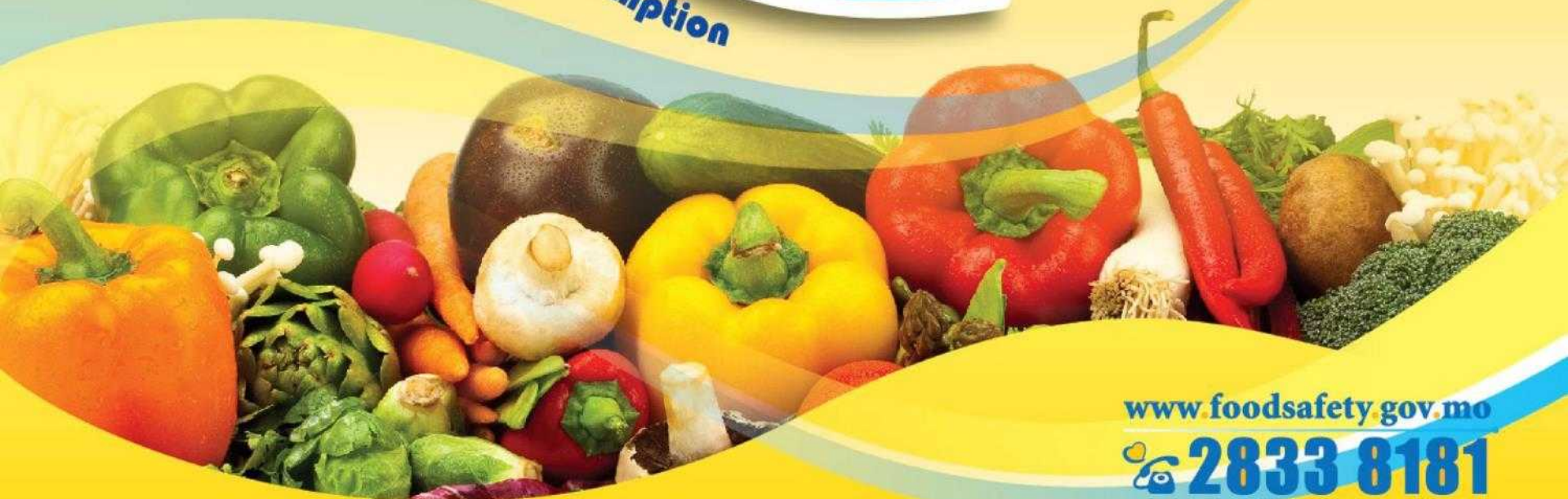
- Press Release

- Food Safety Information Website

([www.foodsafety.gov.mo](http://www.foodsafety.gov.mo)) and Food Safety Information App







[www.foodsafety.gov.mo](http://www.foodsafety.gov.mo)

 **2833 8181**