



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.



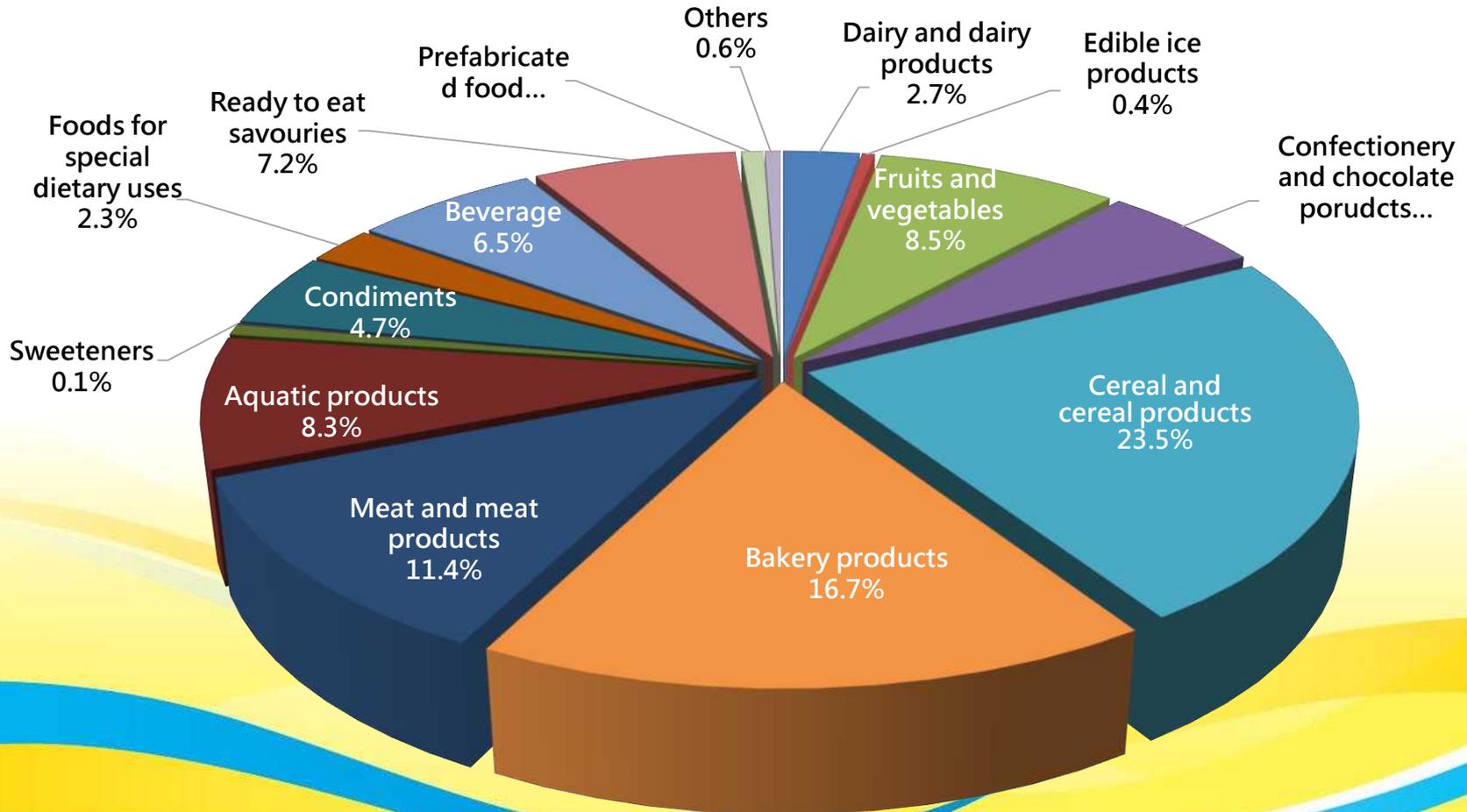
Routine Food Surveillance for third Quarter 2019

- 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) and Food Safety Information App



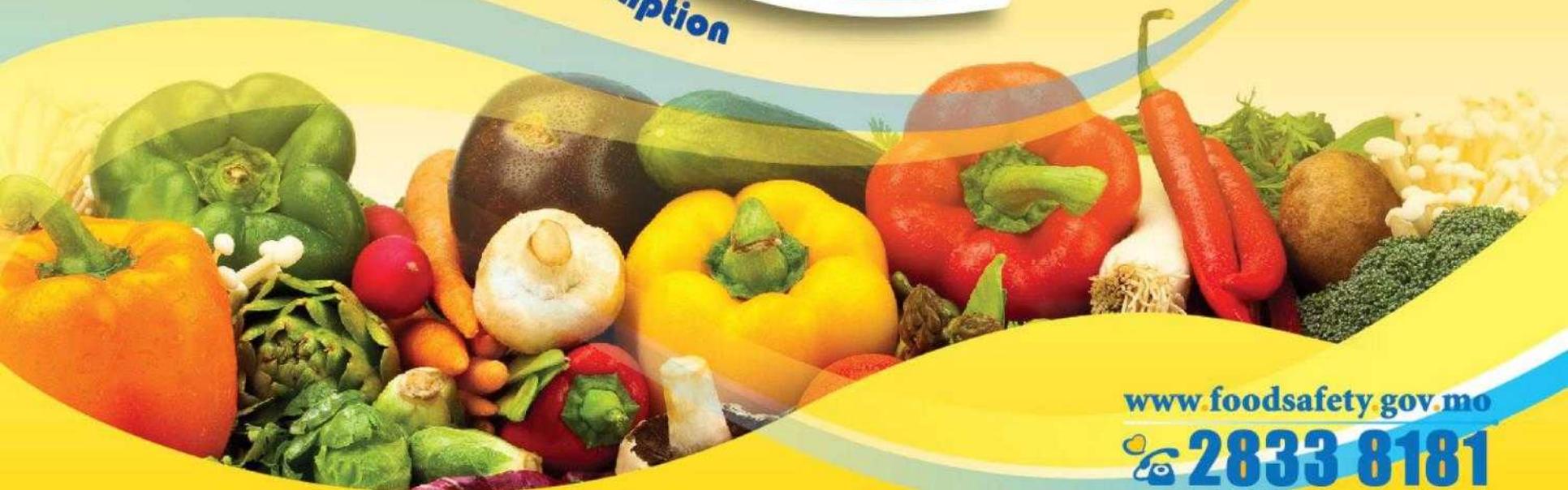
Food Safety Information App



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