



民政總署  
INSTITUTO PARA OS  
ASSUNTOS CÍVICOS  
E MUNICIPAIS



# Routine Food Surveillance Results (First Quarter 2017)

Civic Municipal Affairs Bureau  
Food Safety Centre

# Routine Food Surveillance for first Quarter 2017

- The Centre conducted the food surveillance and sampling plan based on the types of food circulating in Macao.
- The Centre collected a total of 750 samples in the first quarter of 2017.



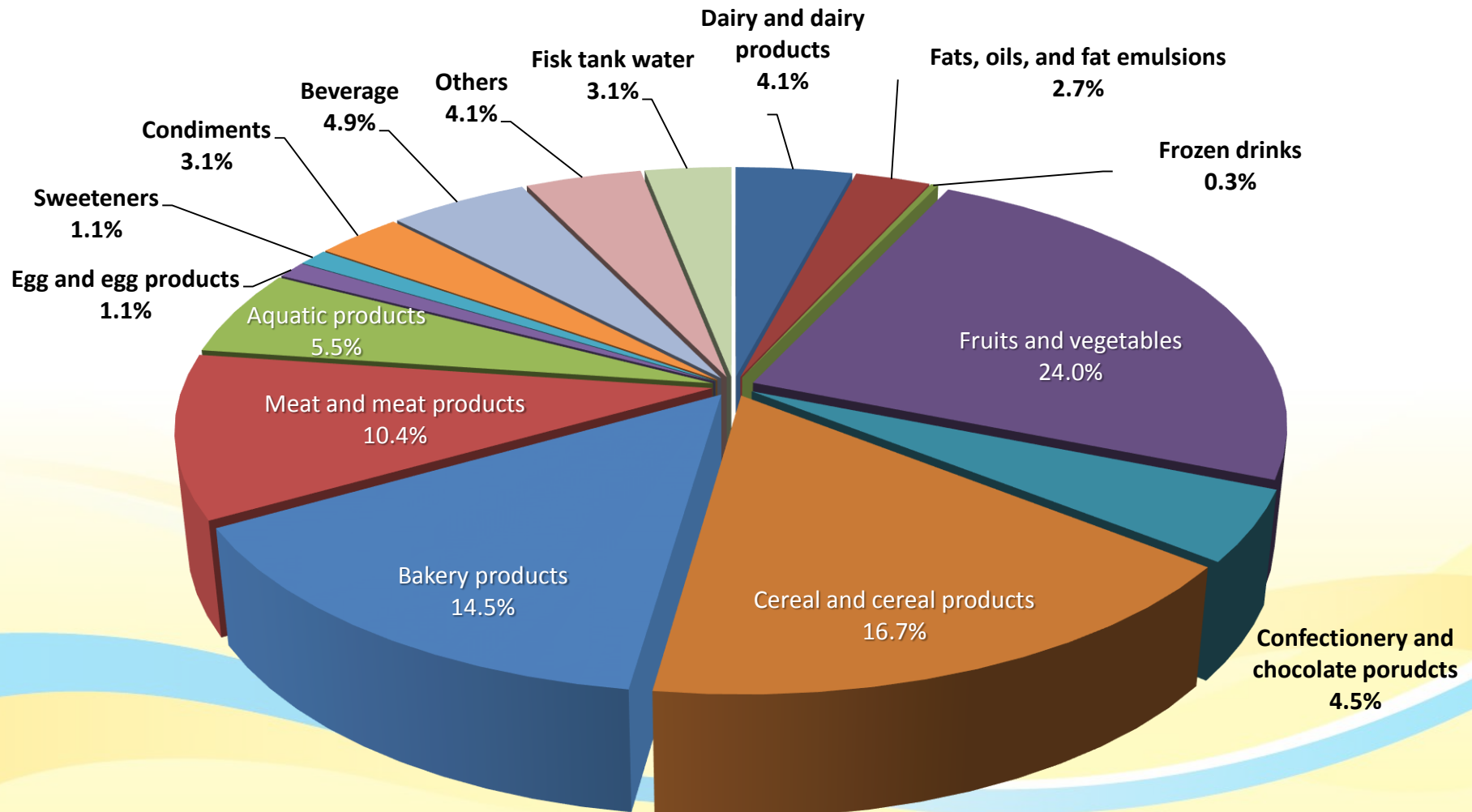
# Routine Food Surveillance for first Quarter 2017

- 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 750 samples)



Routine Food Surveillance Results (First Quarter 2017)



# Types of food

| Food category                          | Food example   |
|--|--|
| Meat and meat products :               | Luncheon meat, spiced pork cubes, ham, meatball, Siu-Mei, Lo-Mei, marinated pig's ear, pork chop, dried pork, etc. |
| Cereal and cereal products :           | White rice, brown rice, rice vermicelli, rice and wheat noodle, pasta, etc.  |
| Fruits and vegetables :                | Salad, pre-cut fruits, bean products, etc.   |
| Beverage :                             | Bottled water, bottle beverage, pre-packed drinks, homemade beverages, etc.  |
| Bakery products :                      | Bread, cake, tart, pastries, etc.  |
| Aquatic products :                     | Sashimi, seafood salad, steamed fish, fish ball, etc.  |
| Sweeteners:                            | Granulated sugar, rock sugar, cube sugar, brown sugar, syrup, honey, etc.  |
| Condiments :                           | Salad dressing, sweet and sour sauce, curry sauce, satay sauce, chicken powder, etc.                               |
| Frozen drinks :                        | Sorbet, popsicles, ice-cream, ice cream drink, etc.  |
| Fats, oils, and fat emulsions          | Corn oil, olive oil, blended oil, etc.   |
| Dairy and dairy products :             | Milk powder, milk, cheese, cheesecake, etc.  |
| Egg and egg products :                 | Scramble egg, omelet, steamed egg, egg products, etc.  |
| Confectionery and chocolate products : | Soft candy, hard candy, chocolate, etc.  |
| Others:                                | Cheese flavoured rings, potato chips, prawn chips, etc.  |

# Types of test

- **Microbiological analysis**

(Pathogen) e.g. *Staphylococcus aureus*, *Salmonella*, *Bacillus cereus*, *Clostridium perfringens*, *E. Coli*, *Vibro Cholerae*, etc.

- **Chemical analysis**

Lead, Total Mercury, Total Arsenic, Nitrite, Sulphur dioxide, Melamine, Alfatoxin B1, Benzo[a]pyrene, Acid Value, Peroxide Value, Boric acid, Salicylic acid, Antibiotics, etc.

- **Radiation level analysis**

Iodine-131, Caesium-134, Caesium-137



# Test results

- The overall satisfactory rate was 100%.
- Nevertheless, the public should choose and handle food carefully in order to ensure food safety.



# Radiation Level Analysis

- The analysis includes Iodine-131, Caesium-134, Caesium-137
- A total of 222 samples was collected for radiation test.
- The overall satisfactory rate was 100%.

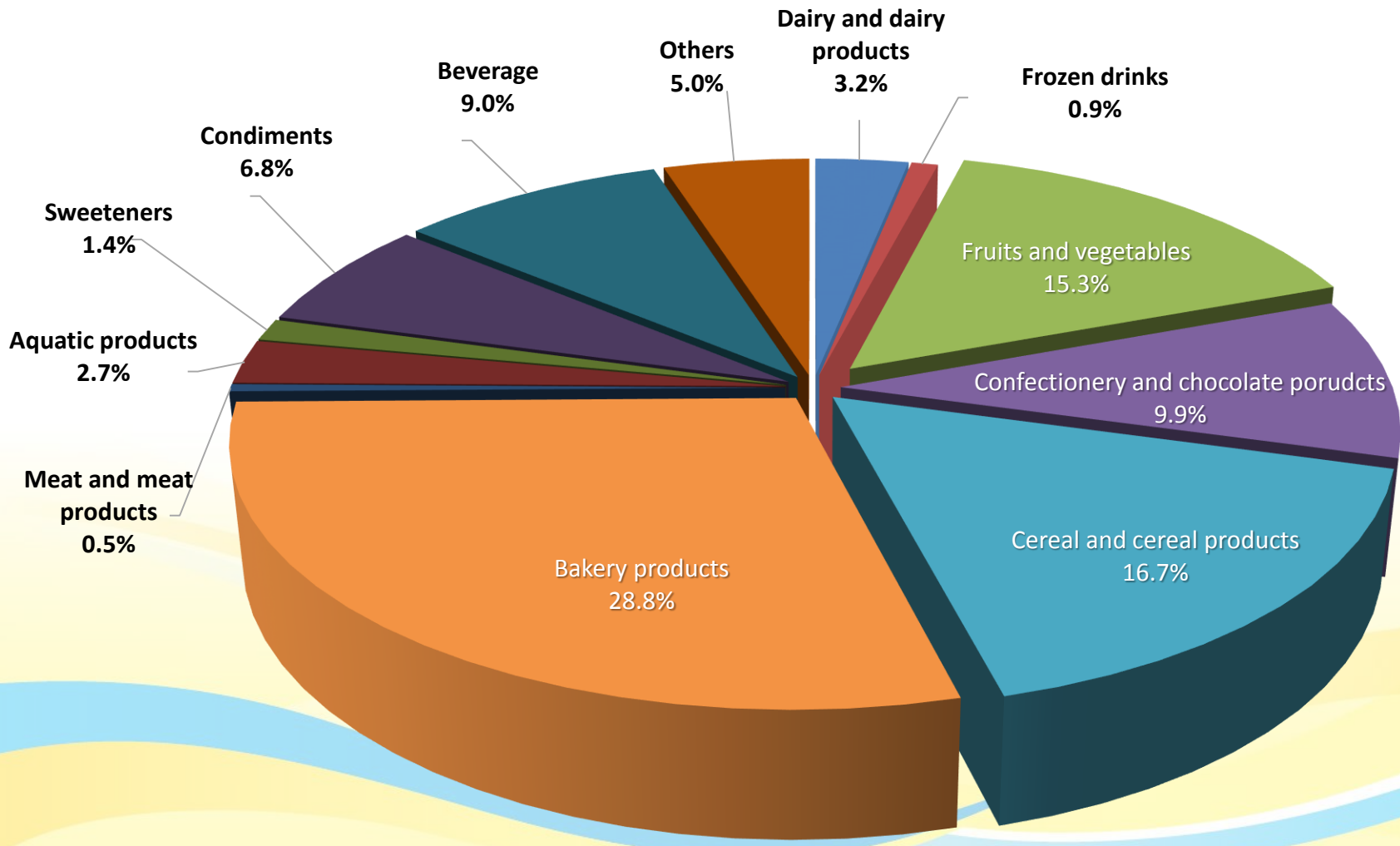




# Radiation Level Analysis

Type of the samples

(A total of 222 samples were collected for radiation test)



# Advice for Trade

- Purchase foods and ingredients from reputable suppliers. Do not buy food from unknown sources.
- Keep all the purchase and sale records for product and source-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 reputable and hygienic stores.
- When buying pre-packaged products, make sure the package are intact and mind the expiry dates.
- When buying non-packaged products, pay attention to hygienic condition of food containers and personal hygiene of staff.
- Do not purchase or eat any food if there is any doubt about its safety or quality.





民政總署  
INSTITUTO PARA OS  
ASSUNTOS CÍVICOS  
E MUNICIPAIS

Safe food. Safe Consumption

