



民政總署  
INSTITUTO PARA OS  
ASSUNTOS CÍVICOS  
E MUNICIPAIS



# Routine Food Surveillance Results (First Quarter 2018)

Civic Municipal Affairs Bureau  
Food Safety Centre

# Routine Food Surveillance for first Quarter 2018

- The Centre conducted the food surveillance and sampling plan based on the types of food circulating in Macao.
- The Centre collected a total of 794 samples in the first quarter of 2018.



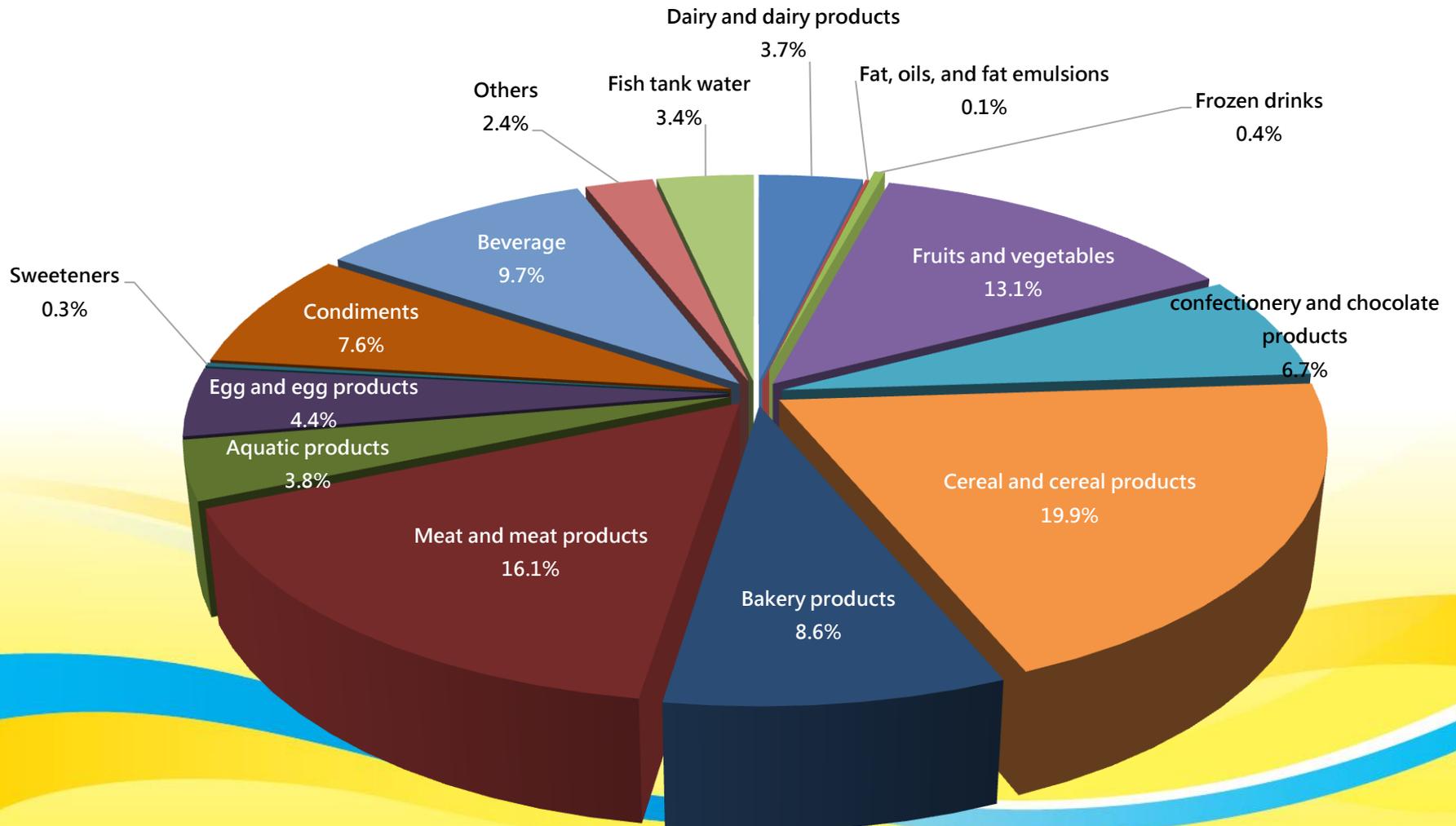
# Routine Food Surveillance for first Quarter 2018

- 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 794 samples)



# 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.
Beverage:	Bottled water, bottle beverage, pre-packed drinks, homemade beverages, etc.
Fruits and vegetables :	Salad, pre-cut fruits, bean products, etc.
Bakery products :	Bread, cake, tart, pastries, etc.
Aquatic products :	Sashimi, seafood salad, steamed fish, fish ball, 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 flavored rings, potato chips, prawn chips, etc.

# Types of test

## ■ Microbiological analysis

(Pathogen) e.g. Staphylococcus aureus, Salmonella, Vibrio Cholerae, Listeria monocytogenes, Bacillus subtilis, Clostridium perfringens, and Campylobacter etc.

## ■ Chemical analysis

Benzoic acid, sorbic acid, lead, cadmium, total mercury, total arsenic, nitrite, melamine, Sudan red, chlortetracycline, terramycin, tetracycline, spectinomycin, tylosin, methyl paraben Ethyl p-hydroxybenzoate, sulphur 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

- The results showed that one sample failed the test.

Sample	Testing item	Result
Shrimp	3-amino-2-oxazolidinone(AOZ) (Nitrofuran Metabolites)	Detected



# Follow-up and Preventive Actions

- Upon receiving the test results, follow-up actions have been taken on the unsatisfactory sample in order to safeguard food safety:
  - ✓ Check the source and distribution of related foods.
  - ✓ Re-check.
    - There is no abnormality in the results of the re-check.



# Advice for Trade

- Purchase foods and ingredients from reputable suppliers. Do not buy food from unknown sources.
- Purchase fresh and hygienic foods. Avoid to buy spoilage or organoleptic foods.
- 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.
- Eat and purchase fresh, non-abnormal and well-prepared aquatic products and foods.
- Do not purchase or eat any food if there is any doubt about its safety or quality.





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Safe food. Safe Consumption

Alimentar-se com segurança e prazer

食品安全  
食得安心

