

2021 Edition (FY2020 data)

# Sanitary Inspection Overview

## What We Do at the Inspection Station

### Inspecting Animals and Meat

In order to provide safe meat, inspectors, who are also veterinarians, inspect each animal to be slaughtered in accordance with the law.

The inspection station also supervises the safety of all carcasses, including those brought in from other slaughterhouses.



### Supervision and Guidance

The inspection station supervises and provides guidance to refrigeration and other facilities in the meat market, as well as commercial facilities such as those related to meat processing.

Supervision and guidance is also provided to meat transport companies on the handling of meat, sanitation management, and temperature control.



### Sanitation Seminars

The inspection station holds seminars for businesses and individuals that handle meat and other relevant parties to raise awareness on sanitation.

### Studies and Research

The inspection station conducts various types of research related to meat and other topics. The findings are presented at events such as academic conferences.

### Returning Inspection Results

Slaughtering inspection results are provided to producers and others to improve production management and the safety of meat.

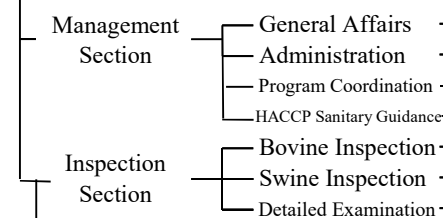


# 1. Organization and staff of the inspection station

(As of April 1, 2021)

Bureau of Social Welfare and Public Health

Shibaura Meat Sanitary Inspection Station



Slaughtering inspectors with concurrent duties related to the affairs of an island

| Management level post | Administrative | Slaughtering inspectors | Assistant veterinary hygienists | Part-time staff | Total |
|-----------------------|----------------|-------------------------|---------------------------------|-----------------|-------|
| 3                     | 3              | 48                      | 17                              | 4               | 75    |
| 2 *                   | 3              | —                       | —                               | —               | 11    |
|                       | —              | 3                       | —                               | 1               |       |
|                       | —              | 1                       | —                               | —               |       |
|                       | —              | 1                       | —                               | —               |       |
| 1                     | —              | 19                      | 9                               | —               | 58    |
|                       | —              | 11                      | 8                               | —               |       |
|                       | —              | 7                       | —                               | 3               |       |
| —                     | —              | 6                       | —                               | —               | 6     |

\*: Includes the Senior Director

## 2. Slaughterhouses under jurisdiction

| Classification | Name of slaughterhouse        | Number of slaughterhouse | Location                     | Established by                | Number of days in operation |
|----------------|-------------------------------|--------------------------|------------------------------|-------------------------------|-----------------------------|
| General        | Tokyo Shibaura Slaughterhouse | 1                        | 2-7-19 Konan, Minato-ku      | Tokyo Metropolitan Government | 242 days                    |
| General        | Hachijo-machi Slaughterhouse  | 14                       | 5626-90 Ohkago, Hachijo Town | Hachijo Town                  | 3 days                      |

## 3. Numbers of animals inspected and carcasses brought in from other slaughterhouse:

|                                     | Fiscal year  | Total    | Cattle         |               |          | Calves *3 | Horses | Swine   | Sheep | Goats |
|-------------------------------------|--------------|----------|----------------|---------------|----------|-----------|--------|---------|-------|-------|
|                                     |              |          | Beef cattle *1 | Dairy cows *2 |          |           |        |         |       |       |
| Within Tokyo Metropolis             | 2018         | 281,468  | 86,908         | 86,447        | 461      | 1         | 0      | 194,556 | 0     | 3     |
|                                     | 2019         | 279,110  | 86,157         | 85,719        | 438      | 0         | 0      | 192,948 | 0     | 5     |
|                                     | 2020         | 292,830  | 89,243         | 88,758        | 485      | 4         | 0      | 203,578 | 0     | 5     |
| Slaughterhouses within jurisdiction | Shibaura     | 292,825  | 89,243         | 88,758        | 485      | 4         | 0      | 203,578 | —     | —     |
|                                     | Hachijo Town | 5        | 0              | 0             | 0        | 0         | 0      | 0       | 0     | 5     |
| Dressed carcasses brought in *4     |              | 43,593.5 | 41,250.0       | 29,565.0      | 11,685.0 | 116.5     | 1      | 2,226.0 | 0     | 0     |

\*1: Wagyu and crossbreeds \*2: Holstein, etc. \*3: Cattle less than one year old \*4: Dressed carcasses brought into the meat market from other slaughterhouses

## 4. Breakdown of animals disposed by reason

| Livestock species | Details of disposal  | Actual number of animals disposed | Reasons for disposal |               |                 |               |                   |               |              |                           |        |        |        |          |         |         |                 |         | Total |     |
|-------------------|----------------------|-----------------------------------|----------------------|---------------|-----------------|---------------|-------------------|---------------|--------------|---------------------------|--------|--------|--------|----------|---------|---------|-----------------|---------|-------|-----|
|                   |                      |                                   | Swine erysipelas     | Salmonellosis | Swine dysentery | Actinomycosis | Atrophic rhinitis | Toxoplasmosis | Distomatosis | Other parasite infections | Pyemia | Sepsis | Uremia | Jaundice | Dropsy  | Tumor   | Bovine leukosis | Other * |       |     |
| Cattle            | Slaughter prohibited | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Total disposal       | 110                               | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 4                         | 7      | 4      | 0      | 1        | 94      | 0       | 0               | 0       | 0     | 110 |
|                   | Partial disposal     | 66,744                            | 18                   | 34            | 2               | 0             | 0                 | 0             | 0            | 0                         | 0      | 6,159  | 27     | 80,969   | 87,209  | 0       | 0               | 0       | 0     | 0   |
| Calves            | Slaughter prohibited | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Total disposal       | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Partial disposal     | 4                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 1      | 0      | 3        | 4       | 0       | 0               | 0       | 0     | 0   |
| Horses            | Slaughter prohibited | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Total disposal       | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Partial disposal     | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
| Swine             | Slaughter prohibited | 2                                 | 2                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 2   |
|                   | Total disposal       | 150                               | 24                   | 0             | 0               | 0             | 0                 | 0             | 0            | 40                        | 12     | 8      | 1      | 62       | 3       | 0       | 0               | 0       | 0     | 150 |
|                   | Partial disposal     | 147,015                           | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 547      | 2       | 154,054 | 154,603         | 0       | 0     | 0   |
| Sheep             | Slaughter prohibited | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Total disposal       | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Partial disposal     | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
| Goats             | Slaughter prohibited | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Total disposal       | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
|                   | Partial disposal     | 0                                 | 0                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 0   |
| Total             | Slaughter prohibited | 2                                 | 2                    | 0             | 0               | 0             | 0                 | 0             | 0            | 0                         | 0      | 0      | 0      | 0        | 0       | 0       | 0               | 0       | 0     | 2   |
|                   | Total disposal       | 260                               | 24                   | 0             | 0               | 0             | 0                 | 0             | 0            | 40                        | 16     | 15     | 5      | 62       | 4       | 94      | 0               | 0       | 0     | 260 |
|                   | Partial disposal     | 213,763                           | 18                   | 34            | 2               | 0             | 0                 | 0             | 0            | 0                         | 6,707  | 29     | 0      | 235,026  | 241,816 | 0       | 0               | 0       | 0     | 0   |

Note) With respect to partial disposal, counted as one animal regardless of the size of the portion deemed abnormal and disposed of.

- \* Other
- (1) Contamination by inflammation or inflammatory product: pneumonia, pleurisy, epicarditis, hepatitis, cholangitis, gastritis, enteritis, etc.
  - (2) Degeneration or atrophy: fatty liver, necrosis of mesenteric fat, necrosis of perirenal fat, etc.
  - (3) Other: lithiasis, deformity, traumatic injury, bone fracture, etc.

## 5. Inspection for residual toxic substances

|        | Veterinary medicinal products |  |                             |  |                             |  | Agricultural chemicals      |  |
|--------|-------------------------------|--|-----------------------------|--|-----------------------------|--|-----------------------------|--|
|        | Antibiotics                   |  | Insecticides                |  | Other drugs                 |  | Number of animals inspected | Number of animals that tested positive |
|        | Number of animals inspected   | Number of animals that tested positive | Number of animals inspected | Number of animals that tested positive | Number of animals inspected | Number of animals that tested positive |                             |  |
| Cattle | 302                           | 0                                      | 52                          | 0                                      | 52                          | 0                                      | 16                          | 0                                      |
| Swine  | 260                           | 0                                      | 42                          | 0                                      | 42                          | 0                                      | 6                           | 0                                      |
| Horses | —                             | —                                      | —                           | —                                      | —                           | —                                      | —                           | —                                      |
| Total  | 562                           | 0                                      | 94                          | 0                                      | 94                          | 0                                      | 22                          | 0                                      |

## 6. Bacterial inspections at facilities

|                          | Number of inspected facilities | Number of specimen | Total number of specimen | Instruction given | Inspection item   |
|--------------------------|--------------------------------|--------------------|--------------------------|-------------------|---|
| Slaughtering business    | 24                             | 223                | 892                      | 0                 | General bacterial count, coliform group count, E.coli count, Salmonella count |
| Restaurant business      | 1                              | 5                  | 20                       | 0                 |   |
| Business handling organs | 61                             | 198                | 792                      | 0                 |   |
| Other *                  | 2                              | 43                 | 142                      | 0                 |   |
| Total                    | 88                             | 469                | 1,846                    | 0                 |   |

\* Total number of ice makers and water coolers in the market

## 7. Number of cases monitored

|                    | Total  | Related to the Food Sanitation Act and others       |                                | Related to the Slaughterhouse Act and others |                      | Related to Rendering Plant Control Act and others |                                    |
|--------------------|--------|---|--------------------------------|--|----------------------|---|------------------------------------|
|                    |        | Slaughtering business/processed meat sales business | Other commercial activities *2 | Slaughterhouse facilities *3                 | Market facilities *4 | Rendering plant, etc. *5                          | Transportation of animal materials |
| Number of cases *1 | ***    | 40  | ***                            | 22   | 6                    | 2   | ***                                |
| Cases monitored    | 18,041 | 7,486   | 778                            | 6,596  | 1,483                | 484   | 1,214                              |
| Instruction given  | 66     | 52  | 5                              | 7  | 2                    | 0   | 0                                  |

\*1: Number of facilities as of the end of FY2020

\*2: Total number of restaurants, meat transport vehicles, etc.

\*3: Total number of mooring stations, treatment rooms, organ handling rooms

\*4: Total number of transaction rooms and refrigerators/freezers

\*5: Raw hide storage area

Note) "\*\*\*" indicates an indefinite number.

## 8. Bovine spongiform encephalopathy (BSE) inspection

|                                      | Slaughterhouse              | Total | Shibaura | Hachijo *3 |
|--------------------------------------|-----------------------------|-------|----------|------------|
| BSE inspection                       | Number of animals inspected | 81    | 81       | 0          |
| B<br>r<br>e<br>e<br>k<br>i<br>n<br>g | Screening inspection *1     | -     | 81       | 0          |
|                                      | Confirmation test *2        | +     | 0        | 0          |
|                                      |                             | -     | 0        | 0          |
|                                      | +                           | 0     | 0        | 0          |

\*1: Inspections were carried out on cattle over 24 months old and those judged as requiring inspection.

\*2: This inspection is conducted at inspection institutes designated by the central government when a specimen tests positive during screening.

\*3: As for the Tokyo islands, screening inspection is conducted at Shibaura Meat Sanitary Inspection Station.

## 9. Sheep/goat transmissible spongiform encephalopathy (TSE) inspection

|                             | Hachijo |       |
|-----------------------------|---------|-------|
|                             | Sheep   | Goats |
| Number of animals inspected | 0       | 0     |
| -                           | 0       | 0     |
| +                           | 0       | 0     |

Note) The number of TSE screening inspections performed

## 10. Slaughtering inspection charges

|               |           |
|---------------|-----------|
| Cattle/horses | 1,200 yen |
| Calves/swine  | 310 yen   |
| Sheep/goats   | 240 yen   |

## 11. Major production areas

|        |  |
|--------|--|
| Cattle | Hokkaido, Tochigi, Ibaraki, Fukushima, Miyagi, and Gunma prefectures |
| Swine  | Gunma, Ibaraki, Iwate, Chiba, Tochigi, and Akita prefectures         |

## 12. Sanitation certificate issuance for meat exports

| Destination                     | Macau   | Thailand | Vietnam  | Myanmar |
|---------------------------------|---------|----------|----------|---------|
| Number of certifications issued | 42      | 204      | 55       | 12      |
| Transaction volume              | 8,444kg | 63,166kg | 26,518kg | 4,762kg |

Note) Sanitation certificates for meat exports issued in accordance with bilateral agreements between countries

## 13. Issuance of the certification on slaughtering inspection results

| FY   | Number of certifications issued |
|------|---------------------------------|
| 2019 | 381                             |
| 2020 | 1,214                           |

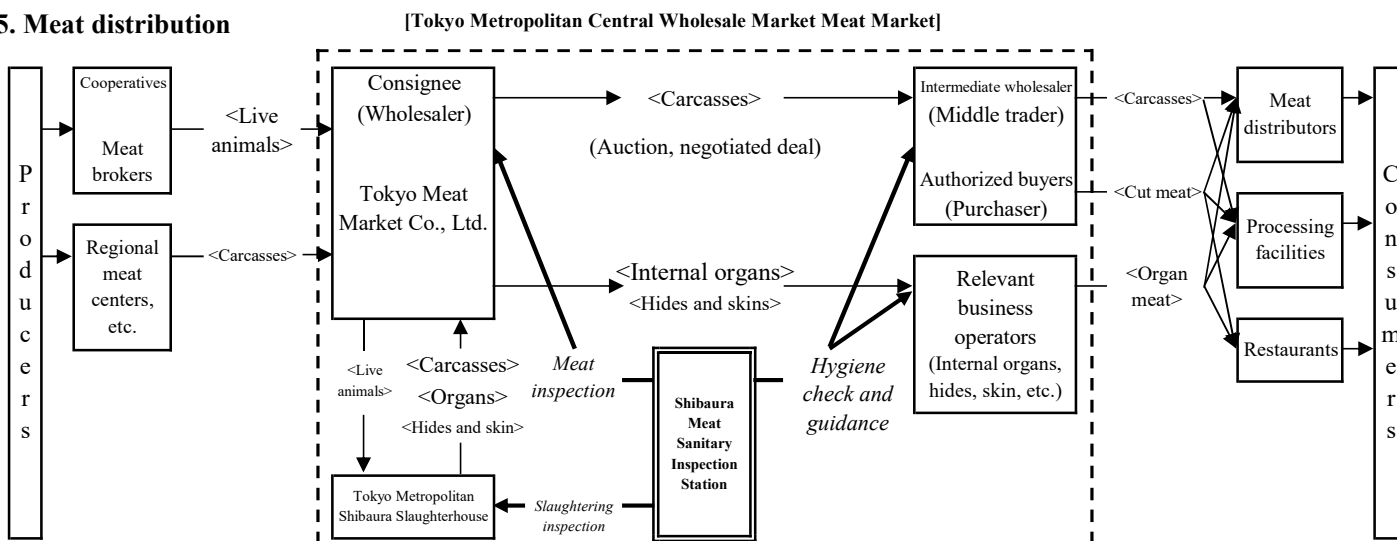
Note) Includes hides and blood

## 14. Programs to promote and educate

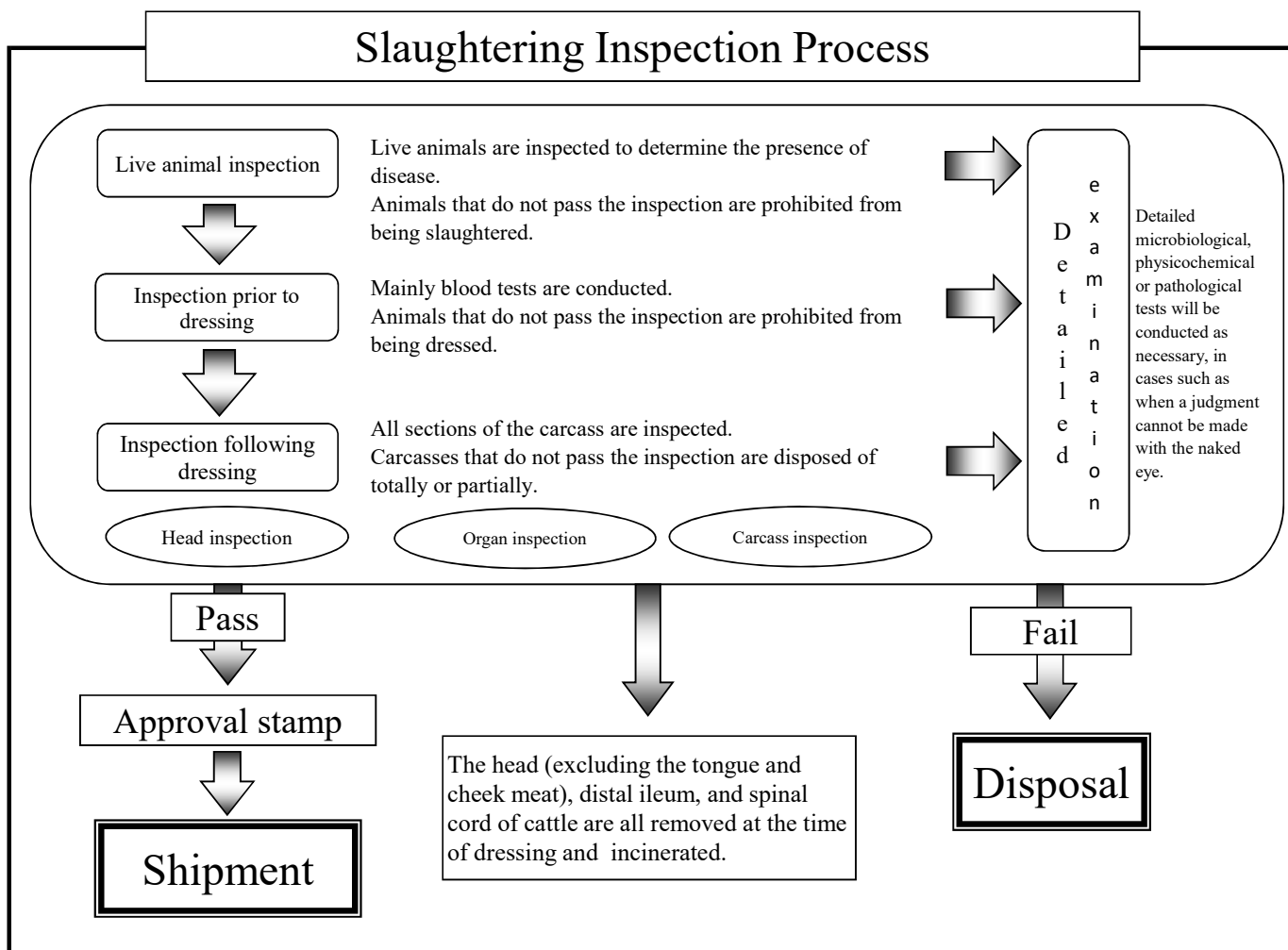
| Affiliation                                       | Number of events | Number of people |
|---|------------------|------------------|
| Related administrative bodies                     | 19               | 346              |
| Educational institutions (including universities) | 0                | 0                |
| Other (consumers, etc.)                           | 16               | 167              |

Note) Programs include sanitation seminars, facility tours, site inspections, and training sessions.

## 15. Meat distribution



# Slaughtering Inspection Process



## Using the Inspection Feedback System to Return Results and Strengthen the Crisis Management Response

We have introduced a meat sanitation inspection system to manage inspection data in accordance with the Slaughterhouse Act and the Food Sanitation Act. The system collects inspection data entered on touch panels and personal computers and stores it on a database. Thereby, inspection results are digitalized and shared, aiming for the prompt and effective return of information to producers and strengthening of the crisis control system, including the prompt transmission of emergency information. In addition, the data accumulated is being used in presentations of research findings.

○ Inspection information is returned to producers and others to be used as a reference to prevent livestock diseases and enhance the safety of meat production.

○ Inspection data is input at terminals, then collected and managed on a database.

○ Emergency information is displayed on and transmitted to each terminal in real time to facilitate prompt response.

[Image of the inspection information feedback system]

