

Current Survey of Commerce —Notes for use—

This Report contains the results of a survey based on the Current Survey of Commerce. The contents are outlined below:

1. Survey purpose

The survey aims to clarify the trends in sales activities of commercial establishments (hereinafter "establishments") and enterprises.

2. Legal framework

The Survey, the Fundamental Statistics Survey under the Statistics Law, is conducted according to the Regulations for the Current Survey of Commerce (Ministry of International Trade and Industry Ordinance No. 17, 1953).

3. Survey scope

The establishments and enterprises throughout the nation which come under Division "I" of the Japan Standard Industrial Classification (wholesale and retail trade) excluding agency businesses and brokerage businesses.

4. Survey method, route

For this survey, the Ministry of Economy, Trade and Industry commissions prefectural governments, through the survey-takers, to request the surveyed establishments to fill in questionnaires, which are then collected.

However, the Ministry of Economy, Trade and Industry request the head offices of the department stores and supermarkets and the convenience stores and the large-scale speciality retailers for home electric appliances and the drugstores and the home improvement stores to fill in questionnaires, and then collect them.

5. Date of survey

The date of the survey is the end of each month. The date of the survey for commodity stocks is the end of term (March, June, September and December).

6. Sample design

This survey (excluding D survey) has been carried out since July 2017 for the establishments selected according to the sampling logic, with establishments surveyed in the 2014 Census of commerce as the population. Samples consist of two groups: individual and regional, as follows. The sampling is designed so that any sampling errors for each industrial category will be 5% or less (8% or less for wholesale) (with the standard rate of deviation shown).

(1) Individual samples

① Individual samples will be selected from all wholesale establishments, automobile retail establishments, machinery and equipment retail establishments, fuel retail establishments and nonstore retail establishments and other retail establishments with 20 or more employees (including the department stores and supermarkets). Affiliated offices of companies targeted in this survey are excluded from the sample design.

② Sampling frames (hereafter "cells") are set for each industrial category and employee-scale division, and the number of samples will be decided for each cell.

(2) Regional samples

① Regional samples will be selected from retail establishments (excluding automobile retail establishments, machinery and equipment retail establishments, fuel retail establishments and nonstore retail establishments) with fewer than 20 employees from 143 predetermined survey areas.

② In drawing the survey areas, the survey areas of 2014 Census of commerce are made the population and stratified into four layers.

7. Kind and Scope of Questionnaire

The questionnaire is divided into Questionnaire A, Questionnaire B, Questionnaire C and Questionnaire D. ~ G.

(1) Scope of Questionnaire A

General commodities wholesale establishments with 100 or more employees and wholesale establishments with 200 or more employees that are designated by the Minister of Economy, Trade and Industry.

(2) Scope of Questionnaire B

(a) Wholesale establishments which are not covered by Questionnaire A, and automobile retail establishments, machinery and equipment retail establishments, fuel retail establishments and nonstore retail establishments and retail establishments with 20 or more employees which are not covered by Questionnaire C and D and E and F and G that are designated by the Minister of Economy, Trade and Industry.

(b) Retail establishments (excluding automobile retail establishments, machinery and equipment retail establishments, fuel retail establishments and nonstore retail establishments and D and E and F and G) from among those with less than 20 employees and located in the survey area designated by the Minister of Economy, Trade and Industry.

(3) Scope of Questionnaire C

Department stores and supermarkets (see 11.(3)) designated by the Minister of Economy, Trade and Industry from among retail establishments with 50 or more employees.

(4) Scope of Questionnaire D

Businesses that have establishments classified as "5891 Convenience stores, primarily for sale of food and beverages" in the Japan Standard Industrial Classification and have 500 or more convenience stores.

(5) Scope of Questionnaire E

Businesses that have establishments classified as "5931 Electrical appliance stores, except secondhand goods" or "5932 Office machinery of electric appliance stores, except secondhand goods" in the Japan Standard Industrial Classification and have 10 or more large-scale speciality retailers for home electric appliances with 500 m² or more sales floor space.

(6) Scope of Questionnaire F

Businesses that have establishments classified as "6031 drugstores" in the Japan Standard Industrial Classification and have 50 or more drugstores or have 10 billion yen or more annual sales of drugstores.

(7) Scope of Questionnaire G

Businesses that have establishments classified as "6091 Home improvement stores" in the Japan Standard Industrial Classification and have 10 or more home improvement stores or have 20 billion yen or more annual sales of home improvement stores.

8. Methods for estimating sales by industrial category

A ratio estimate is used to estimate the sales amount of each industrial category from the results of the survey samples (for sales of the department stores and supermarkets, however, the actual amount is added). A ratio estimate is a method to estimate the total sales of the current month by totaling sales at samples for each cell, determining the ratio of month-to-month change and multiplying the previous month's sales amount by that ratio.

Included the survey are: "Retail trade (Food and beverages);" "Machinery and equipment stores;" "Medicine and Toiletry stores;" "other retail" as enterprise estimations from "convenience stores;" which is an enterprise study, "Large-scale speciality retailers for home electric appliances;" "Drugstores;" and "Home improvement stores" respectively.

(1) Individual sample

$$\hat{X}_{ij}^t = \hat{X}_{ij}^{t-1} \times \frac{\frac{1}{f_{ij}} \sum_k^n x_{ijk}^t}{\frac{1}{f_{ij}} \sum_k^n x_{ijk}^{t-1}} = \hat{X}_{ij}^{t-1} \times \frac{\sum_k^n x_{ijk}^t}{\sum_k^n x_{ijk}^{t-1}}$$

$$\hat{X}_i^t = \sum_j \hat{X}_{ij}^t \quad (\hat{X}_{ij}^t : \text{total of employee classification or layer})$$

(2) Regional sample

$$\hat{X}_i^t = \hat{X}_i^{t-1} \times \frac{\sum_j \left(\frac{1}{f_j} \sum_l^m \sum_k^n x_{ijkl}^t \right)}{\sum_j \left(\frac{1}{f_j} \sum_l^m \sum_k^n x_{ijkl}^{t-1} \right)}$$

(3) Enterprise sample

$$\hat{X}_i^t = \hat{X}_i^{t-1} \times \frac{\frac{1}{f_i} \sum_k^n x_{ik}^t}{\frac{1}{f_i} \sum_k^n x_{ik}^{t-1}} = \hat{X}_i^{t-1} \times \frac{\sum_k^n x_{ik}^t}{\sum_k^n x_{ik}^{t-1}}$$

A ratio estimate by industrial category is the total of estimation of monthly sales for each cell.

$$\hat{X}_i^t = \sum_j \hat{X}_{ij}^t + \hat{X}_i^t \quad (\sum_j \hat{X}_{ij}^t : \text{ratio estimate of establishments, } \hat{X}_i^t : \text{ratio estimate of enterprise})$$

【Explanation of signs】

- i* : Industrial classification
- j* : Scale of employee classification
- n* : Number of individual samples
- m* : Number of regional samples
- \hat{X}_i^t : Estimation of monthly sales(enterprise)
- t* : Month
- x* : Monthly sales of individual sample
- f* : Extraction ratio
- k* : Individual sample number which is same as previous month
- \hat{X} : Estimation of monthly sales(establishment)
- l* : Regional sample number

9. Level correction

As the Current Survey of Commerce is a sample survey with the Census of Commerce or Economic Census for Business Activity as its population, as soon as the results of the latter survey, conducted every two or three years, are published, the figures of the former are revised to match those of the latter (level correction).but level correction by the 2012 Economic Census for Business Activity was canceled from influence to the user.

And therefor with the results of the 2007 Census of Commerce as the basis, a level correction was made in the Revised Report for January 2013.

(1) The way to find the amount of sales by the type of industry or scale of employee classification for 36 months (April 2004 ~ March 2007) is as follows:

$$Y_{ij} = \sum_{t=25}^{36} \hat{X}_{ij}^t = \alpha_{ij} \cdot \sum_{t=25}^{36} \hat{X}_{ij}^{t'} \quad \hat{X}_{ij}^t = \left(\sqrt[36]{\alpha_{ij}} \right)^t \cdot \hat{X}_{ij}^{t'} \quad (1 \leq t \leq 36)$$

$$\alpha_{ij} \text{ satisfies } \sum_{t=25}^{36} \left(\sqrt[36]{\alpha_{ij}} \right)^t \cdot \hat{X}_{ij}^{t'} = Y_{ij} \quad \text{so calculations are repeated and adjusted}$$

【Explanation of signs】

Y_{ij} = The amount of annual sales: i type of industry, j scale of employee classification of the 2007 Census of Commerce

\hat{X}_{ij} = The amount of annual sales: i type of industry, j scale of employee classification as result of level correction of the 2007 Current Survey of Commerce

\hat{X}_{ij}^t = Value of t moment: i type of industry, j scale of employee classification of monthly sales as result of level correction

$\hat{X}_{ij}^{t'}$ = Value of t moment: i type of industry, j scale of employee classification of monthly sales before level correction
Also, moment "t" is the serial number for that month which corresponds with the time series in which the point in the time with April 2004 set as t=1, and March 2007 set as t=36.

(2) Method of estimating the amount of sales after April 2007

It is calculated as "8. Methods for estimating sales by industrial category."

10. Definitions of survey items

(1) Commodity sales

Actual sales from the beginning to the end of the survey month.

Commodity sales include those made in stores, those made via merchandise advertising portals including catalogues, newspapers, magazines, television, radio, or the Internet, and those made by business which sell or contract to sell their merchandise door-to-door to individuals (hereafter "mail-order business through internet or the like"). If the business sells merchandise by mail-order through the internet or the like without having a physical public sales space, it is classified as a nonstore retailer. Retail establishments and enterprises which have store(s) and also engage in mail-order business through the internet or the like are classified by the appropriate retail trade according to the type and amount of their merchandise sales.

(2) Number of employees

The number of employees engaged in duties in establishments at the end of the survey month, consisting of entrepreneurs, unpaid family employees, paid directors of companies and associations, and regular employees. Regular employees are those employed for an unfixed period or a period of one month or longer. Regular employees do not include those sent from other establishments, but include those loaned to other establishments. Regular employees do not include long-absent employees who have received no payment for one month or longer.

(3) Sales floor area

The total floor area used for the sale of commodities, excluding gift certificate shops, restaurants, tearooms, passages, elevators, escalators, stairs, rest rooms, toilets, offices, warehouses, delivery stations and parking lots.

(4) Business days

The number of days the establishment actually does business in the survey month.

(5) Gift certificate

Sales of gift certificates in the survey month.

(6) Commodity stocks at the end of term

Stocks of commodities for sale at the end of term (March, June, September and December).

In principle, a Commodity stock is estimated at the cost of goods purchased.

11. Method of preparing and reading statistical tables

Statistical tables consist of 7 parts.

(1) Part 1 Commercial Sales

These statistical tables are estimated sales of wholesalers and retailers throughout the nation using all samples (partly including the complete survey), compiled for establishments and enterprises drawn from the individual sample survey and the regional sample survey on the basis of "8. Methods for estimating sales by industrial category. "With regard to the relationship between the industrial classification for sales by industry and the Standard Industrial Classification for Japan, see tables below.

The linked coefficients are released as "appendix".

Industrial Classification for the Current Survey of Commerce	Standard Industrial Classification for Japan(Rev.12,November 2007)
Wholesale trade, general merchandise Textile Products Apparel, Apparel accessories and notions Agricultural, livestock and aquatic products Food and beverage Building materials Chemicals and related products Minerals and metals Wholesale trade (machinery and equipment) Industry machinery and equipment Motor vehicles Electrical machinery, equipment and supplies Miscellaneous machinery and equipment Furniture, fixtures and house furnishings Medicine and toiletries Other wholesale	501 Wholesale trade, general merchandise 511 Textile Products (except apparel, apparel accessories and notions) 512 Apparel 513 Apparel accessories and notions 521 Agricultural, livestock and aquatic products 522 Food and beverage 531 Building materials 532 Chemicals and related products 533 Petroleum and minerals 534 Iron and steel products 535 Non-ferrous metals 54 Wholesale trade (machinery and equipment) 541 Industry machinery and equipment 542 Motor vehicles 543 Electrical machinery, equipment and supplies 549 Miscellaneous machinery and equipment 551 Furniture, fixtures and house furnishings 552 Medicine and toiletries 536 Recycled material 553 paper and paper products 559 Other products, n.e.c (except "5598 Agents and brokers")
Retail trade, general merchandise Retail trade(woven fabrics, apparel, apparel accessories and notions) Retail trade (Food and beverages) Motor vehicles Machinery and equipment stores Fuel retail Medicine and Toiletry stores Other retail Nonstore retailers	56 Retail trade, general merchandise (561 including department stores and general merchandise supermarkets) 57 Retail trade(woven fabrics, apparel, apparel accessories and notions) 58 Retail trade (Food and beverages) (5891 including convenience stores) 591 Motor vehicles(excluding "5914 Motorcycle stores") 593 Machinery and equipment stores, except motorcycles and bicycles 605 Fuel stores 603 Medicine and Toiletry stores (6031 including drugstores) 5914 Motorcycle stores 592 bicycles 60 Miscellaneous retail trade (6091 including home improvement stores) (except "603 Medicine and Toiletry stores", "605 Fuel stores") 61 Nonstore retailers

(2) Part 2 Sales by Large-Scale Wholesalers

① These statistical tables are compiled for Questionnaire A (see 7-(1)).

Merchandise name	Examples of contents
Textile goods:	Silk, cotton, wool, chemical textiles, other textile materials, yarns for fabrics, cotton fabrics, woolen fabrics, silk fabrics, chemical fiber fabrics, other fabrics, etc.
Clothing and accessories:	Suits and dresses, underwear, bedclothes, shoes, footwear, bags, umbrellas, other apparel and accessories, etc.
Agricultural, livestock and marine products:	Rice, barley, cereals, wheat flour, starch, beans, vegetables, fruit, meat, fresh fish, other agricultural products, livestock and marine products, etc.
Food and beverages:	Sugar, miso, soy sauce, alcoholic drinks, dry provisions, canned and bottled provisions, sweets, bread, soft drinks, teas, dairy products, other food and beverages, etc.
Drugs and toiletries:	Drugs, medical supplies, toiletries, toothpastes, soaps, detergents, shampoos, etc.
Chemical products:	Paints, printing inks, dyes, pigments, oils and fats, waxes, gunpowder, other chemical products, etc.
Petroleum and coal:	Crude oil, gasoline, kerosene, light oil, heavy oil, lubricants, grease, paraffin, road oil, natural gas, propane gas, liquefied petroleum gas, coal, coke, etc.
Minerals and mineral ores:	Iron ore, manganese ore, bauxite, limestone, mica, asbestos, graphite, clays for pottery and china, etc.
Iron and steel:	Pig iron, crude iron, cast iron, ferro-alloys, steel, semi-finished steel, cast steel, forged steel, ordinary steel materials, special steel materials, steel pipes, steel bars, rails, steel sheets, iron and steel secondary products, etc.
Non-ferrous metals:	Ground metals, wires, tubes, foils, metal powders, etc.
Industrial machinery:	Office machinery, agricultural machinery, general use internal combustion engines, textile related machinery, pumps, compressors, sewing machines, construction and mining machinery, metal-forming machinery, automatic vending machines, other industrial machinery, etc.
Automobiles:	Passenger cars, trucks, motorcycles, other automobiles, automobile parts and accessories, etc.
Other transportation equipment:	Bicycles, ships, aircraft, railroad cars, industrial vehicles, conveying machinery for work, etc.
Household electrical machinery:	TV and radio receivers, stereos, DVDs, VTRs, digital cameras, room air conditioners, fans, electric washing machines, electric vacuum cleaners, electric refrigerators, electric cookers, electric foot warmers, toasters, mixers, electric stoves, electric irons, lighting apparatus (household use), etc.
Other machinery:	Cameras, projectors, movie cameras, clocks, optical lenses, measures, scales, thermometers, other measuring instruments and machinery, medical equipment, physics and chemistry machinery, telephones, wired communication equipment, transmission equipment, electric signal equipment, generators, motors, transformers, wires and cables, storage batteries, wiring equipment, lighting instruments (excluding household use), etc.
Construction materials:	Timber, bamboo, cedar bark, cement, sheet glass, roofing tiles, bricks, tiles, slates, hume pipes, cement poles, stones, artificial stones, marbles, sand and gravel, ready-mix concrete, sashes, concrete pipes, sanitary porcelain, etc.
Paper and paper products:	Paper, cardboard products, paper boxes, school-use paper products, wrapping paper, daily necessity paper products, notebooks, albums, accounting books, paper bags, etc.
Other merchandise:	Empty containers such as bottles and cans, scrap iron, non-ferrous metal scraps, used paper, other recyclable materials, furniture and fittings, metal ware, hardware, fuels, fertilizers, books, magazines, sports equipment, toys, leisure goods, natural rubber, tanned leather, pulp for paper-making, stationery, fishing nets, polishing materials, handicrafts, jewels, seeds, saplings, animal feed, rubber products, photographic materials, badges, medals, artworks and curios, musical instruments, tobacco, etc.

② Linked coefficients

The linked coefficients are released as “appendix”.

(3) Part 3 Sales by Department stores and Supermarkets

These statistical tables are compiled for Questionnaire C (see 7-(3)). Department stores and supermarkets from among the retail establishments with 50 or more employees those are included in the individual sample survey:

“Floor space” means the space actually used for goods sales, so, does not include other areas such as gift certificate sale sections, restaurants, coffee shops, access ways, elevators, escalators, stairs, lounges, restrooms, staff offices, warehouses, delivery sections and parking lots.

① Department stores are the establishments classified as department stores and general merchandise supermarkets by the Japan Standards Industrial Classification (561), and do not come under the classification of supermarkets described below, with floor space of not less than 3,000 square meters in special regions and ordinance-designated cities, and not less than 1,500 square meters in all other regions.

② Supermarkets are establishments which have adopted a self-service method for 50% or more of their floor space and have floor space of not less than 1,500 square meters. However, subsidiaries of large-scale speciality retailers for home electric appliances, drugstores and home improvement stores targeted in this survey are excluded.

③The following merchandise classification is used for these statistical tables:

Merchandise name:	Examples of contents
Men's clothing :	Men's clothing, underwear, shirts, neckties, socks, etc.
Ladies' and children's clothing:	Ladies' and children's clothing, underwear, blouses, hosiery, etc.
Other apparel:	Fabric for kimonos, piece goods, bedclothes, accessories for Japanese clothing, towels, etc.
Accessories:	Shoes, footwear, umbrellas, bags, trunks, handbags, sewing supplies, accessories (excluding jewelry and precious metals), etc.
Food and beverages:	Drinks, Japanese and western alcoholic drinks, seasonings, meat, fresh fish, dried provisions, vegetables, fruits, sweets, bread, dairy products, etc.
Furniture:	Japanese and western furniture, interior furnishings, Shinto and Buddhist altar fittings, carpets, curtains, matting, etc.
Household electric appliances:	TVs and radio receivers, stereos, DVDs, room air conditioners, washing machines, refrigerators, lighting apparatus, electric foot warmers, electric stoves, PCs, telephones, cellular telephones, etc.
Household utensils:	Pottery and china, glassware, lacquer ware, metal goods, hardware, gas equipment, oil-burning space stoves, water equipment, sewing machines, knitting machines, etc.
Others:	Medicines, toiletries, detergents, books, stationery, precious metals, jewelry, art works, clocks, eyeglasses, cameras, video tapes, CD software, DVD software, sports equipment, leisure goods, toys, electric applied toys, game software, musical instruments, gardening supplies, carpentry, pet-related goods, tobacco, smoking goods, fuels, bicycles, automobiles, toilet paper, tissue paper, paper diapers, etc.
Restaurants and coffee shops:	Restaurants, coffee shops, sushi bars, and other food and beverage services for shoppers.

④Existing establishments are those surveyed for two consecutive years including the survey year. A comparison to the corresponding month in the preceding year is made only for such establishments. The calculation of changes from the preceding year (FY, or quarter) is made by adding up monthly sales of the existing establishments.

⑤The linked coefficients are released as "appendix".

(4) Part 4. Convenience store sales

These statistical tables are compiled for Questionnaire D (see 7-(4)).

①The following merchandise classification is used for these statistical tables:

Merchandise classification, etc		Examples of contents
Sales of Goods	Fast food and daily-delivered foods	Rice-based food (sushi, boxed lunches, rice balls, etc.), counter commerce (coffee, deep-fried food, Chinese steamed bun), bread, bread-based food, daily side dishes, pickles, vegetables, fruit, products stored in water (tofu, etc.), pre-cooked noodles, eggs, processed meat (ham, sausages, bacon, etc.), milk, dairy beverages, dairy products (butter, cheese, etc.), fish-paste foods (chikuwa, kamaboko, etc.), perishable sweets (Japanese and western-style sweets, such as cakes), salads, desserts (custard puddings, jellies, yogurt, etc.), etc.
	Processed foods:	Sweets (other than perishables), soft drinks (other than dairy beverages), alcoholic drinks (Japanese sake, whiskey, wine, etc.), seasonings (miso, soy sauce, umami seasonings, sauces, etc.), "personal preference foods" (coffee, tea, etc.), cooking salt, sugar, kitchen oils, rice, dried provisions, various canned food and food in jars, frozen food, ice cream, pouch-packed food, instant food, dried seasoned laver, etc.
	Non-food:	Magazines, books, newspapers, apparel, bags, stationery, brushes, toys, sundry goods, tobacco, pet food, dry batteries, tapes, compact disks, light bulbs/fluorescent lights, pocket calculators, fuel, dolls, sunglasses, footwear, gardening supplies, game software, fireworks, detergents, toiletries, medicines, nutrition-supplement drink, pottery and china, glassware, hardware, paper goods, films, postal stamps, postcards, revenue stamps, accessories, etc.
Service sales:		Copies, facsimiles, home delivery services, gift certificates, passenger tickets, various kinds of tickets, telephone cards, lotteries, DPE, rentals, airline tickets, hotel tickets, laundry services, etc.

Note: Service sales do not include money received from shoppers to cover costs of public utilities, such as electricity bills, gas bills, fees for television broadcasting, telephone bills, water bills, etc.

②Linked coefficients

The linked coefficients are released as "appendix".

(5) Part 5. Large-scale speciality retailers for home electric appliances

These statistical tables are compiled for Questionnaire E(see 7-(5)).

The following merchandise classification is used for these statistical tables:

Merchandise classification, etc	Examples
AV home electronics	TV, projector (CRT, LCD, PDP), video disk, BD/DVD (player, recorder), BS/CS devices, stereo, speakers, AV editing device, radio/portable radio, GPS navigation, headphones, microphone, AV connected device, electronic instruments, VTR, portable audio device, home audio device, media cleaner, etc.
Information appliances	PC/PC accessories (Desktop PC, laptop, tablet terminal, monitor, printer), games and related devices, electronic organizer and dictionary, photocopier and shredder, etc.
Communication appliances	Mobile communication devices (mobile phone, personal wireless communication, data communication card and terminal), telephone, fax, etc.
Cameras	Video camera and player, digital still cameras (compact camera, SLR), camera accessories, interchangeable lenses, etc.
Home electric appliances	Home and cooking electric appliances (washing machine, clothes dryer, futon drying machine, refrigerator and freezer, rice cooker, microwave, oven, dishwasher and dryer, electromagnetic cooker, cooking heater, bread machine, toaster, electric rice cooker, thermos pot, electric kettle, gas stove, electric hot plate and pots, juicer and blender, coffee maker, rice cake machine, rice sweeper, domestic garbage treatment machine, water purifier and cartridge, iron and trouser press, cleaner, steam and high-pressure water jet cleaner, vacuum cleaner, etc.)
	Hair and health appliances (shaver, hair dryer, hair iron, face care appliances, body care appliances, haircut appliances, electric tooth brush, electric measuring equipment (blood pressure meter, thermometer, pedometer, etc.), fitness equipment, electric massage equipment and treatment device, inhaler, etc.)
	Air conditioning and seasonal electric appliances (air conditioning, cooler and cooling fan, electric fan, extractor fan, air cleaner, dehumidifier/humidifier, oil heater, hot water room heater, electric heater, electric stove, kotatsu, electric carpet, electric blanket, etc.)
Others	Warm water flushing toilet, 24-hour bath, door phone with monitor, fire alarm, lighting equipment, batteries, tube bulb, piping equipment, natural refrigerant heat pump system, etc.

(6) Part 6. Drugstores

These statistical tables are compiled for Questionnaire F (see 7-(6)).

①The following merchandise classification is used for these statistical tables:

Merchandise classification, etc	Examples
Dispensing pharmaceutical products	Ethical drugs, Chinese herbal medicine and natural remedies that are dispensed based on doctor's prescription
OTC medical products	Pharmaceutical products (excluding those prescribed by doctors), Chinese herbal medicine (excluding those prescribed by doctors) and natural remedies (excluding those prescribed by doctors), etc. Cold medicine, digestive medicine, eye drops, skin treatment medicine, poultice, analeptic (pharmaceutical products), etc.
Health care (sanitary goods), nursing care, and baby products	Health care products (absorbent cotton, bandage, dressing, supporter, mask, thermometer, paper diapers, pesticide (excluding agricultural and industrial pesticides), contact lense cleaner and soaking solution, sanitary goods, etc.
	Nursing care products (adult diapers, urine absorbent pads, nursing care products, canes, nursing care food, etc.)
	Baby products (baby formula, baby food, baby drink, nappies, feeding equipment, etc.)
Health foods	Health foods, nutritional supplements, diet food, etc.
Beauty care (cosmetic products and goods)	Cosmetics (lipstick, foundation, lotion, fragrance, men's cosmetics, bath products, etc.)
	Beauty care goods (beauty goods, make-up brush, cotton, sponge, eyelash extensions, nail extensions, artificial fingernails, oil-absorbent paper, hair comb, etc.)
Toiletry goods	Tooth paste, tooth brush, shampoo, conditioner, shower gel, hair color, bath salt, hand soap, soap (beauty soap, face wash, bath soap, medicated soap), etc.

Household utensils, daily necessities, pet products	Household utensils (bath, toilet and kitchen equipment, fabric, pots, kettles, kitchen knives, tableware, desk items, cleaning equipment, packaging, maintenance and emergency supplies, evacuation apparatus, etc.)
	Daily supplies (washing detergent, insect repellent, toilet papers, fragrance, washing liquid, tissue papers, etc.)
	Pet products (pet and animal food (pet food), pet accessories, medical products for pets, animal shampoo, pet sheets, etc.)
Food	Snacks, rice, drink, daily foods, processed foods, alcohol, frozen food, etc.
Other products	Clothes, shoes, bags, books, stationery, toys, etc.

②The linked coefficients are released as “appendix”.

(7) Part7. Home improvement stores

These statistical tables are compiled for Questionnaire G (see 7-(7)).

The following merchandise classification is used for these statistical tables:

Merchandise classification, etc	Examples
DIY tools and materials	Tools (carpenter's tools, working tools, welding tools, measuring tools, plasterer's tools, piping tools, maintenance tools, tool kit, tool storing goods, etc.)
	Electric tools (electric tools including sharp end), air tools, engine tools and cargo handling machines for construction, electrical engineering tools (cable, floodlight, etc.), expendable supplies for cutting tools, etc.
	Work supplies (work clothes, work shoes, socks, gloves, safety shoes, aprons, etc.)
	Finishing hardware (metal connection, metal fittings (ornamental metal), crime prevention metal fittings, wire netting, wires, door wheel, casters, consumable fitting, spare parts, chains, etc.)
	Paint and painting tools (paint, varnish, lacquer, painting equipment, painting machine, preservatives, insect repellent and preservative coating, etc.)
	Adhesives and packing materials (glue, filling, tapes, packing materials, repairing agents (household cements and tiles), ropes, etc.)
	Wood and construction materials (wood, plywood, various new construction materials, soundproof insulation material, door parts, closet, gutters and fittings, screen doors, acryl materials, plastic materials, structural steels, drain board, family alter, crafts, craft parts, shelf receiving members, leg members, flooring, ceiling materials, wall painting materials, etc.)
	Water, gas and piping (kitchen and bathroom fittings, water pipes, gas equipment, kitchen and bathroom repair parts, etc.) Housing and facility equipment (bath, toilet and toilet seat, deodorizing and ventilating device, system kitchen, hot-water supply system, gas fittings, basement storage, washroom device, etc.)
Electric appliances	Lights and lighting (connection wires, tools and materials, antenna, lighting equipment, tapes, batteries, bulbs, intercommunication phone, extractor fan, assembling sound system, security device, etc.)
	Electric appliances (TV, radio, washing machine, refrigerator, air conditioner, kettle, pot, cooking appliances, telephone, fax, word processor, hair dressing equipment, clock, calculator, CD player, camera, video players, etc.)
Interiors	Interiors (interior finish (ceiling, wall, floor), wallpapers, curtain, blinds, carpet, artificial grass, partitions, shoji screen, fusuma sliding doors, room accessories, table cloth, legless chairs, rush, wisteria and bamboo products, etc.)
	Furniture and storage (assembly furniture, chair, desk, rack, storage such as closet, cupboard, etc.)
Household utensils and daily necessities	Household utensils (bath, toilet and kitchen equipment, fabric, pots, kettles, kitchen knives, tableware, desk items, cleaning equipment, packaging, maintenance and emergency supplies, evacuation apparatus, etc.)
	Daily consumable supplies (washing detergent, insect repellent, toilet papers, fragrance, washing liquid, washing detergent, shampoo, sanitary goods, notions, cosmetics, tissue papers, etc.)
Gardening and exteriors	Exteriors (gates, fences, carport, balcony, stepladder, ladder, rainwater and water supply/drainage equipment, wagon, outdoor facility materials, terrace, garden equipment (incinerator, bamboo sweeper, etc.), garden furniture, clothes-line, barn, hothouse, concrete products, natural stones, pebbles, etc.)
	Horticultural living organisms (raw food, seeds and seedlings, bulbs, foliage plants, flowers, flower seedlings, vegetable seedlings, young trees, garden trees, pot plants, etc.)
	Gardening equipment (fertilizer, soil, pesticide, farming tools, gardening materials, water sprinkler, garden device, pots, hothouse, gardening tools, etc.)

Pet and pet products	Pet products, pet food and living animals (dog, cat, bird, aquarium fish, insects, etc.)
Car supplies and outdoor goods	Car supplies (maintenance equipment and materials, oil, tires, wheels, car audio and video device, navigator, car accessories, electric apparatus, car air conditioning, motorbike supplies, various parts and supplies etc.)
	Bicycle and related parts/supplies, children's vehicles, strollers, etc.
	Leisure and sports supplies (Sporting articles, health building and maintenance articles, nursing care products, outdoor products, camping equipment, leisure items, beach items, etc.)
Office products and hobbies	Education and entertainment (hobby and craft products, toys, stationeries, books, CD, audio tape, video, etc.) office supplies
Others	Sales of clothes, food, drinks, alcohol, drugs, kerosene, cigarettes, etc. * Excluding extension and reconstruction, house reform (extension, reconstruction, design, construction, various intermediate work), other services (delivery, rental, spare key, etc.), sales in the service department of amusement facilities.

12. The Divisions of Bureaus of the Ministry of Economy, Trade and Industry and Special ward of Tokyo and ordinance-designated city

(1)The Bureaus of Economy, Trade and Industry are as follows:

Hokkaido Bureau of Economy, Trade and Industry:

Hokkaido

Tohoku Bureau of Economy, Trade and Industry:

Aomori, Iwate, Miyagi, Akita, Yamagata, and Fukushima Prefecture

Kanto Bureau of Economy, Trade and Industry:

Ibaraki, Tochigi, Gunma, Saitama, and Chiba Prefecture, Tokyo Metropolis,

Kanagawa, Niigata, Yamanashi, Nagano, and Shizuoka Prefecture

Chubu Bureau of Economy, Trade and Industry:

Toyama, Ishikawa, Gifu, Aichi, and Mie Prefecture

Kansai Bureau of Economy, Trade and Industry:

Fukui, Shiga, Kyoto, Osaka, Hyogo, Nara, and Wakayama Prefecture

Chugoku Bureau of Economy, Trade and Industry:

Tottori, Shimane, Okayama, Hiroshima, and Yamaguchi Prefecture

Shikoku Bureau of Economy, Trade and Industry:

Tokushima, Kagawa, Ehime, and Kochi Prefecture

Kyushu Bureau of Economy, Trade and Industry:

Fukuoka, Saga, Nagasaki, Kumamoto, Oita, Miyazaki, and Kagoshima Prefecture

Okinawa Department of Economy, Trade and Industry:

Okinawa Prefecture

(2)Special ward of Tokyo and ordinance-designated city are as follows:

Sapporo city, Sendai city, Saitama city, Chiba city, Special ward of Tokyo, Yokohama city, Kawasaki city, Sagami-hara city, Niigata city, Shizuoka city, Hamamatsu city, Nagoya city, Kyoto city, Osaka city, Sakai city, Kobe city, Okayama city, Hiroshima city, Fukuoka city, Kitakyushu city, Kumamoto city

13. Indices

(1)Method of calculating Original indices

Original indices are indexed with the base year average sales value as 100. Since January 2017, Original indices are calculated using 2015C.Y. average sales value as 100. 2015C.Y. average sales value as follows:

① Commercial sales value

Total	38,345,268
Wholesale	26,623,072
General Merchandise	3,207,440
Textiles	284,053
Apparel & Accessories	477,305
Livestock & Aquatic Products	1,930,373
Food & Beverages	3,786,522
Building Materials	1,338,925
Chemicals	1,344,514
Minerals & Metals	3,759,472
Machinery & Equipment	5,538,660
Industry Machinery & Equipment	967,851
Motor Vehicles	1,086,508
Electrical Machinery & Equipment	3,011,824
Others	472,477
Furniture & House Furnishings	218,217
Medicines & Toiletries	2,129,855
Others	2,607,735
Retail	11,722,196
General Merchandise	1,066,493
Fabrics Apparel & Accessories	896,954
Food & Beverages	3,644,044
Others	6,114,705
Motor Vehicles	1,398,217
Machinery & Equipment	497,764
Fuel	1,000,107
Medicine & Toiletry Stores	2,552,212

② Sales value of Department stores and supermarkets

Total	1,640,134
Department stores	568,814
Supermarkets	1,071,320
Clothes	367,418
Department stores	258,307
Supermarkets	109,111
Food & Beverages	939,620
Department stores	160,473
Supermarkets	779,147
Others	333,096
Department stores	150,034
Supermarkets	183,062

③ Sales value of Convenience stores

Total	916,304
Sales of Goods	866,231
Fast foods & Daily foods	340,745
Processed Foods	244,537
Non-Foods	280,949
Sales of Services	50,073
Hokkaido	45,165
Tohoku	65,120
Kanto	412,083
Chubu	96,528
Kansai	134,650
Chugoku	48,723
Shikoku	22,137
Kyushu · Okinawa	91,898

(2) Method of calculating Seasonal adjustment indices

The calculation method of seasonal indices for Commercial Sales Statistics (commercial sales indices for each industry, and department stores and supermarkets' sales indices by product, and convenience store's sales indices by goods and services) is X-12-ARIMA, the Method of the U.S. Bureau of the Census.

Consequently, the seasonal indices have been adjusted not only for the seasons but also for the day of the week and holidays and leap-year. Details are as follows:

Seasonally adjusted indices = Original indices ÷ (Seasonal indices × Day of week/holiday/leap-year indices). The spec files of commercial sales (total) adopted from January 2019 is as follows:

```
Series      {start=2011.1
            span=(2011.1,2018.12)
            decimals=1}
transform  {function=log}
arima      {model=(012)(011)}
regression {variables=(tdnolpyear
                    AO2014.Mar)}
forecast   {maxlead=12}
estimate   {save=(mdl)
            maxiter=500}
x11        {appendfcst=yes
            print=(none+d10+d11+d16+d18)
            save=(d10 d11 d16 d18)
            seasonalma=x11default}
```

←Refer to page22 about the other type of business
 ←Refer to page22 about the other type of business

14. Reference data

The retail sales value by regional bureaus of METI is released as "Reference table" from July 2010.

15. Others

(1) The following symbols are used in the statistical tables of this Report to denote the words introduced by colon:

—:No record ...:Unknown 0:Less than a unit p: Preliminary figures r: Revised figures x: Concealed to protect confidential information of the reporters.

(2) Sales figures include consumption tax.

The sales value includes sales made in stores, through mail-order business, via the internet and the like.

(3) Please cite the "Current Survey of Commerce" compiled by the Research and Statistics Department, Minister's Secretariat, Ministry of Economy, Trade and Industry as the source when reprinting the statistics contained in this Report.

16. Inquiries:

Please contact the following for any question concerning the contents of this Report:

〒100-8902 Tokyo Chiyoda-ku, Kasumigaseki 1-3-1

Office of Current Survey for Service Industry Research and Statistics Department

Minister's Secretariat Ministry of Economy, Trade and Industry

Tel.03-3501-1511 (2898, 2899) mail. qqcebj@meti.go.jp

<https://www.meti.go.jp/english/statistics/index.html>

系列ごとのスペック等

商業販売

Commercial sales value

系列名	Type of business	曜日・うるう年調整 Trading-day/leap year	祝祭日調整 Holiday	ARIMAモデル Model
商業計	Total	tdnolpyear	-	(012)(011)
卸売業	Wholesale	tdnolpyear	-	(011)(011)
各種商品卸売業	General Merchandise	td1nolpyear	-	(011)(011)
繊維品卸売業	Textiles	td1nolpyear	-	(110)(012)
衣服・身の回り品卸売業	Apparel & Accessories	tdnolpyear	○	(010)(011)
農畜産物・水産物卸売業	Livestock & Aquatic Products	tdnolpyear lpyear	-	(010)(012)
食料・飲料卸売業	Food & Beverages	tdnolpyear	○	(010)(011)
建築材料卸売業	Building Materials	tdnolpyear	○	(010)(012)
化学製品卸売業	Chemicals	tdnolpyear	-	(011)(012)
鉱物・金属材料卸売業	Minerals & Metals	tdnolpyear	-	(010)(012)
機械器具卸売業	Machinery & Equipment	-	-	(011)(012)
産業機械器具卸売業	Industry Machinery & Equipment	-	-	(011)(011)
自動車卸売業	Motor Vehicles	-	-	(110)(011)
電気機械器具卸売業	Electrical Machinery & Equipment	-	-	(010)(012)
その他の機械器具卸売業	Others	td1nolpyear	-	(010)(011)
家具・建具・じゅう器卸売業	Furniture & House Furnishings	-	-	(010)(011)
医薬品・化粧品卸売業	Medicines & Toiletries	td1nolpyear	-	(011)(110)
その他の卸売業	Others	tdnolpyear	-	(010)(011)
小売業	Retail	lpyear	-	(210)(011)
各種商品小売業	General Merchandise	td1nolpyear lpyear	-	(210)(011)
織物・衣服・身の回り品小売業	Fabrics Apparel & Accessories	td1nolpyear	○	(011)(012)
飲食料品小売業	Food & Beverages	td1nolpyear lpyear	-	(012)(210)
その他の小売業	Others	-	-	(011)(011)
自動車小売業	Motor Vehicles	td1nolpyear	-	(010)(210)
機械器具小売業	Machinery & Equipment	td1nolpyear	-	(011)(011)
燃料小売業	Fuel	tdnolpyear	-	(010)(011)
その他小売業(含む医薬・化粧品)	Medicine & Toiletry Stores	td1nolpyear lpyear	-	(012)(011)

外れ値検出を行った系列と外れ値が検出された期間

商業販売

Commercial sales value

系列名	Type of business	外れ値 Outlier
商業計	Total	AO2014.Mar
卸売業	Wholesale	AO2014.Mar
各種商品卸売業	General Merchandise	
繊維品卸売業	Textiles	
衣服・身の回り品卸売業	Apparel & Accessories	AO2014.Mar
農畜産物・水産物卸売業	Livestock & Aquatic Products	LS2011.Mar AO2016.Dec
食料・飲料卸売業	Food & Beverages	AO2014.Mar AO2014.Apr
建築材料卸売業	Building Materials	AO2014.Mar
化学製品卸売業	Chemicals	
鉱物・金属材料卸売業	Minerals & Metals	TC2018.Oct
機械器具卸売業	Machinery & Equipment	LS2014.Apr
産業機械器具卸売業	Industry Machinery & Equipment	AO2015.Mar
自動車卸売業	Motor Vehicles	LS2011.Mar
電気機械器具卸売業	Electrical Machinery & Equipment	LS2014.Apr
その他の機械器具卸売業	Others	AO2014.Mar
家具・建具・じゅう器卸売業	Furniture & House Furnishings	AO2014.Mar AO2015.Dec
医薬品・化粧品卸売業	Medicines & Toiletries	AO2014.Mar TC2014.Apr TC2016.May
その他の卸売業	Others	TC2011.Jul AO2014.Mar AO2018.Sep
小売業	Retail	AO2011.Mar AO2014.Mar TC2014.Mar
各種商品小売業	General Merchandise	AO2011.Mar AO2014.Mar AO2014.Apr
織物・衣服・身の回り品小売業	Fabrics Apparel & Accessories	AO2011.Mar
飲食料品小売業	Food & Beverages	AO2014.Mar AO2014.Apr
その他の小売業	Others	TC2011.Mar AO2014.Mar TC2014.Apr
自動車小売業	Motor Vehicles	TC2011.Mar LS2012.Sep TC2013.Apr
機械器具小売業	Machinery & Equipment	TC2011.Jun LS2011.Aug AO2014.Mar TC2014.Mar
燃料小売業	Fuel	
その他小売業(含む医薬・化粧品)	Medicine & Toiletry Stores	AO2011.Mar AO2014.Mar

その他の系列についてはホームページをご参照ください。

<https://www.meti.go.jp/statistics/tyo/syoudou/result/pdf/h2schuyj.pdf>