

Survey Overview

1. Rationale

- The purpose of this survey is to compile a rent index, which tracks the general trend of office and apartment rents in major Japanese cities.
- The survey process can be summarized as follows:
 - * Selection of survey sites based on field research and statistical methods;
 - * Specification of a hypothetical building on each survey site in consideration of the highest and best use;
 - * Estimation of an appraised rent, which includes both rent payable and accruing interests on deposits;
 - * Determination of the rental growth rate of each city using the appraised rents; and
 - * Preparation of rent indexes annually by multiplying the previous year's rent index by the weighted average of rental growth rates according to their rental market sizes.
- The following features form major reasons for the survey to differentiate itself from other rent indexes or rent surveys, including "Corporate Service Price Index" (Research and Statistics Department, Bank of Japan), "Retail Price Survey" (Statistics Division, Ministry of Internal Affairs and Communications), and research undertaken by major real estate brokerage firms:
 - * Nationwide survey;
 - * Fixed location of samples; and
 - * Appraisal-based index derived from real estate valuation techniques.

2. Survey Date

End of September 2016 (Annual survey as of the end of September each year)

3. Survey Items

- Compilation and analysis of the office rent index
- Compilation and analysis of the apartment rent index
- Analysis of the supply/demand situation of rental markets

4. Sample Choosing Process

(1) Selection of Survey Cities

Office : 60 cities

Apartment : 149 cities:

(2) Specification of Hypothetical Building on Survey Site

A survey site was selected in a typical area representing the higher office and apartment rent levels of each survey city. One office survey site and one apartment site were usually chosen within a survey city. However, more than one survey site were picked in some cities, including Tokyo and Osaka. As a result, the numbers of survey sites totaled 76 for office and 158 for apartment.

5. Survey Method

A market rent was estimated as of the survey date by one or more licensed real estate appraisers at one of JREI's offices (head office, regional offices, and local offices). The appraiser(s) arrived at the conclusion by assuming that the hypothetical building space was leased to a new tenant and by employing appropriate valuation approaches.

The current year's rent index was arrived at in the following way: (i) each sample's rental growth rate was calculated by comparing the latest appraised rent with the previous year's rental value; (ii) each rental growth rate was multiplied by an appropriate weight, which was determined from the data listed below; and (iii) the current year's rent index was derived by multiplying the previous year's rent index by the weighted average of rental growth rate.

Each weight is reviewed when the base year is revised. The current base year is 2005.

Region, Metropolitan Area, and City Categories

○Region (Ten regions and corresponding prefectures)

- Hokkaido : Hokkaido
- Tohoku : Aomori, Iwate, Miyagi, Akita, Yamagata, Fukushima
- Kanto : Ibaraki, Tochigi, Gunma, Saitama, Chiba, Tokyo, Kanagawa, Yamanashi
- Hokuriku : Niigata, Toyama, Ishikawa, Fukui
- Chubu/Tokai : Nagano, Shizuoka, Aichi, Gifu, Mie
- Kinki : Shiga, Kyoto, Osaka, Hyogo, Nara, Wakayama
- Chugoku : Tottori, Shimane, Okayama, Hiroshima, Yamaguchi
- Shikoku : Tokushima, Kagawa, Ehime, Kochi
- Kyushu : Fukuoka, Saga, Nagasaki, Kumamoto, Oita, Miyazaki, Kagoshima
- Okinawa : Okinawa

○Metropolitan Area (Four divisions)

- Tokyo : Built-up urban areas and suburban development planning districts defined in the National Capital Region Development Act
- Nagoya : Urban development areas defined in the Chubu Region Development Act
- Osaka : Built-up urban areas and suburban development planning districts defined in the Kinki Region Development Act
- Others : Area not included in the above three metropolitan areas

○City Size (Six classifications)

- Six Major Designated Cities : Tokyo's 23-ward area, Yokohama, Nagoya, Kyoto, Osaka, Kobe
- Other Designated Cities : Sapporo, Sendai, Saitama, Chiba, Kawasaki, Shizuoka, Sakai, Hiroshima, Fukuoka, Kitakyushu
- Medium-Size Cities : Non-designated cities with 150,000+ population
Cities with 300,000+ Population
Cities with 150,000 to 300,000 Population
- Small-Size Cities : Cities with less than 150,000 population
Cities with 100,000 to 150,000 Population
Cities with less than 100,000 Population