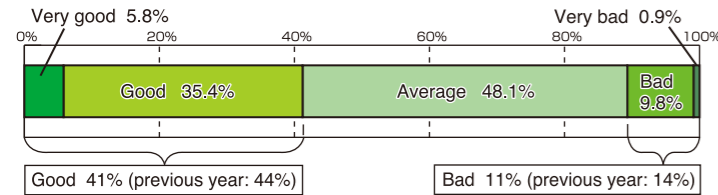
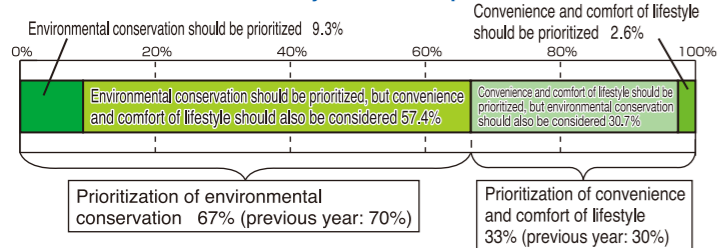


Results of the Citizen Awareness Survey on the Environment

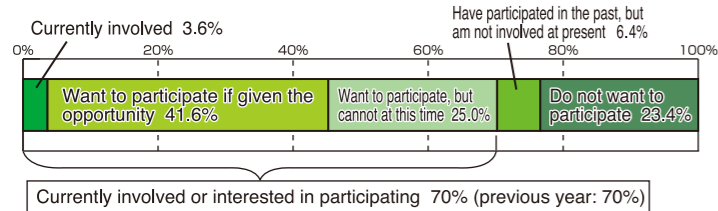
(Question) How do you perceive the current state of Yokohama's natural environment?



(Question) Do you think environmental conservation or convenience and comfort of lifestyle should be prioritized?



(Question) Do you want to participate in local environmental activities?



FY 2012 "Results from the Environmental Awareness Survey of Yokohama Citizens"
Survey period: August 23–29, 2012; no. of questions: 32; survey method: Internet survey

When asked how they perceived the current state of Yokohama's natural environment, 48% responded with "Average," the most common response, while 41% answered "Very good" or "Good."

When asked whether they thought environmental conservation or convenience and comfort of lifestyle deserve priority, nearly 70% of those surveyed thought "Environmental conservation should be prioritized."

In response to the question on involvement in environmental activities, approximately 70% of respondents said that they are currently involved or interested in participating ("Current involved," "Want to participate if given the opportunity" and "Want to participate, but cannot at this time"), showing a high level of interest in environmental efforts.

There is demand for more opportunities to participate in environmental activities as well as increased communication of information on such activities.

Yokohama's Natural Environment

This leaflet provides a variety of information on the current state of the natural environment and environmental initiatives in Yokohama.

This work received the Yokohama City Environmental Planning Bureau Director General's Award in the 13th "Kankyo-Enikki" ~Picture Diary of Environment~ (written and drawn by Natsuko Kino, a 6th-year student at Yokohama City Susukino Elementary School). Her work is brimming with thoughts of life and nature. We hope that people will begin by connecting with and showing love toward nature, as seen in this work.



13th "Kankyo-Enikki" ~Picture Diary of Environment~ (sponsored by The Yokohama City Recycle Resources Association)

Tuesday, July 31, 2012 (sunny weather) It starts with a love for nature

Today presented me with a good opportunity to write and draw a "Kankyo-Enikki" entry, so I talked with my mother about nature. I have recently been reminded that, without nature, we won't have rice to eat and greenery won't grow around us. Personally, I see nature as something that can purify the body and mind, so it is something I don't want to disappear. Therefore, if we all work together and make an effort to increase natural spaces, I believe that this town will become a beautiful place filled with the greenery of nature. But truly beautiful natural spaces cannot be cultivated by everyone through actions alone: each person living in this town must understand the importance of and feel gratitude toward nature. As I continue my daily life, I will think about nature while never forgetting how thankful I am for it.

For those interested in learning more about Yokohama's natural environment

This "Yokohama's Natural Environment" leaflet provides a summary of the Yokohama Environmental Management Plan* Annual Report (2012 edition), which is also titled "Yokohama's Natural Environment." Please take a look at the "Main Edition" and "References Edition" sections of the report, which describe in great detail the current state of Yokohama's natural environment and measures taken by Yokohama City.

[Report distribution]

- Available for download on the Yokohama City Environmental Planning Bureau website:
<http://www.city.yokohama.lg.jp/kankyo/etc/jyorei/keikaku/kanri/> (in Japanese)
<http://www.city.yokohama.lg.jp/kankyo/etc/jyorei/keikaku/kanri/nenjihoukoku/english/> (in English)
- Available for reading at Yokohama City Hall, Yokohama ward offices, Yokohama City Central Library, etc.
- Available for purchase at the City Hall Citizens Information Center (Yokohama City Hall 1F): ¥1,000 for the set ("Main Edition" and "References Edition")

*** Yokohama Environmental Management Plan**

The City of Yokohama established a new Yokohama Environmental Management Plan in April 2011 with the goal of implementing comprehensive environmental administration. "Yokohama's Natural Environment" is the annual report for this plan.

Yokohama Environmental Information Twitter Account



Providing updates on environment-related events and other useful information for your eco-lifestyle



Yokohama Environmental Information Twitter Account QR Code

Biodiversity

A rich lifestyle enabling regular contact with and enjoyment of nature and living creatures

According to the Environmental Awareness Survey of Yokohama Citizens conducted in August 2012, a combined total of 47% of respondents indicated that they were "very familiar" or "somewhat familiar" with the term "biodiversity."

Yokohama City has established a municipal biodiversity action plan, known as "Yokohama b Plan," as part of active efforts to increase awareness regarding biodiversity and preserve, restore and create new biodiversity.

Yokohama b Festival 2012



Commemorative biodiversity mini-forum held during a regularly scheduled general meeting of the Network of Local Governments for Biodiversity



2nd National Meeting on Biodiversity

Establishment of the "Yokohama Tsunagari no Mori" (Yokohama Forest of Connections) basic plan



Hands-on forest event

A general meeting of the Network of Local Governments for Biodiversity was held in November 2012, and Yokohama City was chosen as the local government network representative. In October and November 2012, various events were held as part of a public awareness campaign via the Yokohama b Festival 2012.

A basic plan has been established for the area centering on Mt. Enkai, which is located in southern Yokohama and known as a treasure trove of biodiversity, to redefine it as the "Yokohama Tsunagari no Mori" (Yokohama Forest of Connections). We are moving forward with efforts to make this forest area a place for all of Yokohama's citizens to experience and feel the power of nature, and to form connections with the next generation.

Global Warming Countermeasures

Changing present lifestyles to "energy-conservation lifestyles" that reduce dependency on fossil fuels

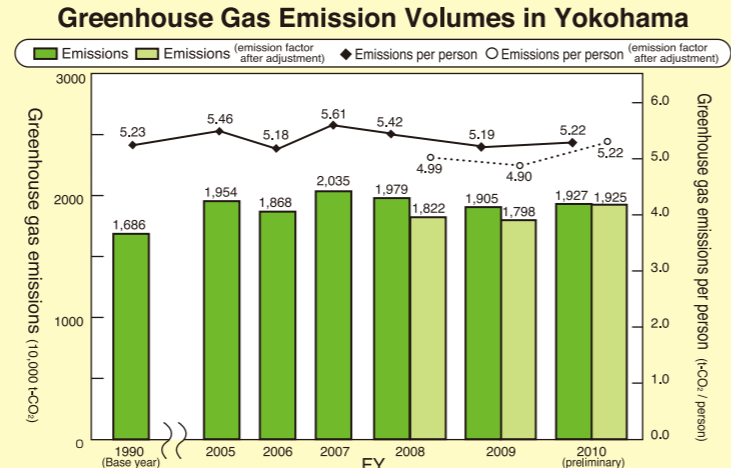
Yokohama's greenhouse gas emissions in FY 2009 were approximately 17.98 million t-CO₂ (emission factor after adjustment), which accounted for about 1.5% of the nationwide total.

Carbon dioxide (CO₂) accounted for a large proportion of greenhouse gases. When the proportion of CO₂ emissions in Yokohama is compared to that nationwide, the industry sector only accounts for a small amount, while the residential sector (emissions from daily household activities) accounts for a large percentage of overall CO₂ emissions.

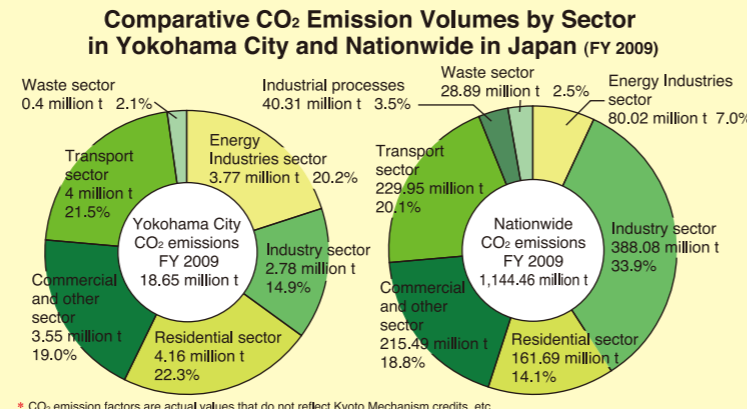
Main Initiatives

- Promotion of the Yokohama Smart City Project (YSCP)
- Support for introduction of electric vehicles, HEMS* (home energy management systems), etc.
- Establishment and promotion of the Yokohama city Action Plan for FutureCity

* HEMS is a system that provides visualization of home energy use and power generation volumes.



* From FY 2008 onward, "emission factor after adjustment" values are shown alongside standard values. These values reflect Kyoto Mechanism credits acquired by electric power companies and other such factors that affect CO₂ emissions from electric power operations.



* CO₂ emission factors are actual values that do not reflect Kyoto Mechanism credits, etc.

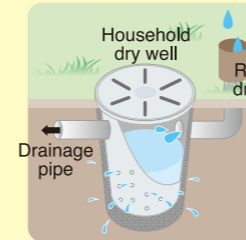
Water and Green Spaces

Environmental preservation, restoration and creation to enable enjoyment of nature's blessings

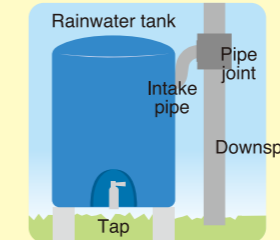
Many of the city's natural green spaces (forestland, farmland, etc.) have been lost due to continuing urbanization in Yokohama City. As a result, Yokohama's green coverage ratio in 2009 was approximately 29.8%. The "Yokohama Greenery Plan (New/Expanded Measures)," which has been in effect since FY 2009, provides preservation through a forest-area designation system, sound measures for unusual or unforeseen situations such as purchase requests relating to land inheritance, and other such measures, resulting in a shift toward slowing of green space reductions.

In addition, efforts are being made to further disseminate use of dry wells, rainwater tanks and other such countermeasures to restore good water circulation.

Household dry well



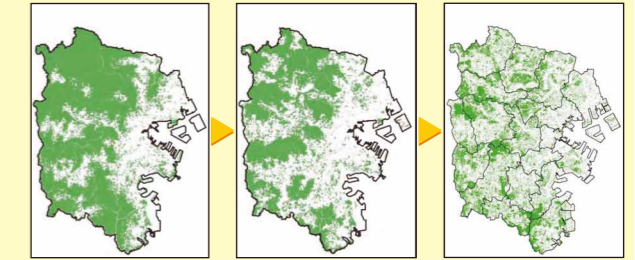
Rainwater tank



Main Initiatives

- Further promotion of the Yokohama Greenery Plan (New/Expanded Measures)
- Eco-friendly garden cultivation, promotion of dry well installation, etc.

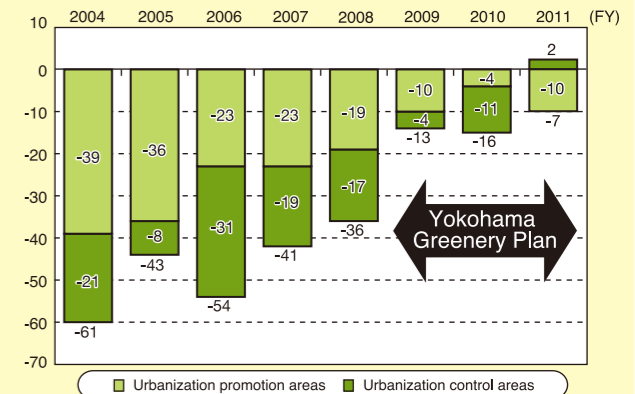
Changes in Green Space



1970 (Green Coverage Ratio: approx. 50%)
 1980 (Green Coverage Ratio: approx. 40%)
 2009 (Green Coverage Ratio: approx. 29.8%)

* Green coverage survey methods and precision vary for each year shown. The figures above are meant to convey general trends.

Status of Forestland Reduction (unit: ha)



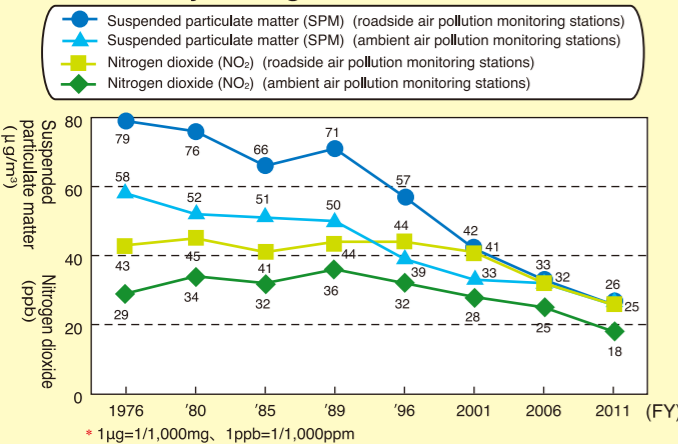
* Areas shown are estimated values calculated based on area for land that falls under the forestland fixed asset taxation category.

Living Environment

Preservation of safety and peace of mind as well as comfortable living environments

Average densities of common air pollutants such as suspended particulate matter and nitrogen dioxide have been decreasing continuously due to strengthened measures toward use of cleaner ingredients in fuels, stricter regulations and increased guidance at industrial and business sites, and regulation of automobile exhaust. Furthermore, we are making significant water quality improvements in rivers through sewerage construction and regulations on wastewater disposal at factories. Water quality in Yokohama coastal zones, on the other hand, still needs improvement (organic contamination index (COD), as well as nitrogen and phosphorous levels that are the causes of eutrophication).

Yearly Averages for Air Pollutants

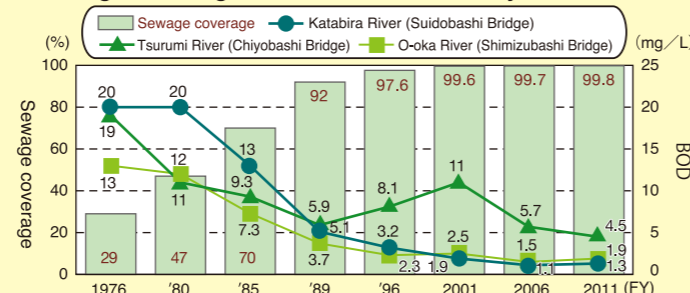


* 1µg=1/1,000mg, 1ppb=1/1,000ppm

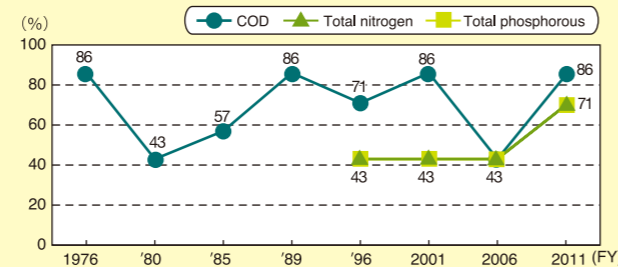
Main Initiatives

- Continuing strengthening of regulations and guidance at industrial and business sites
- Development of additional advanced sewage treatment facilities and other measures to improve final effluent water quality

Sewerage Coverage and River Water Quality (BOD 75% Water)



Changes in Environmental Standards Compliance in Yokohama Coastal Zones

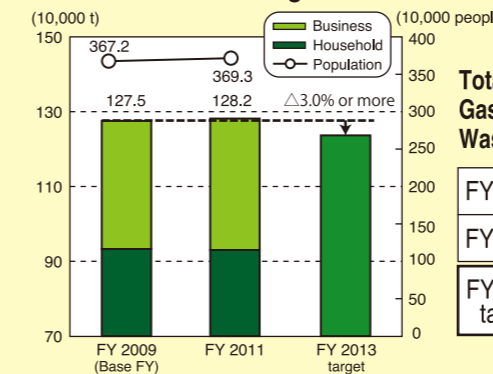


Resource Recycling

Building a recycling-oriented society

Yokohama City is undertaking measures to reduce garbage and greenhouse gas emissions, so that we can pass a rich natural environment down to younger generations and achieve a future society where our children can follow their dreams. The combined volume of garbage and resources increased slightly in FY 2011 compared to standard volumes due to the effects of typhoons and other such factors.

Total Amount of Garbage and Resources



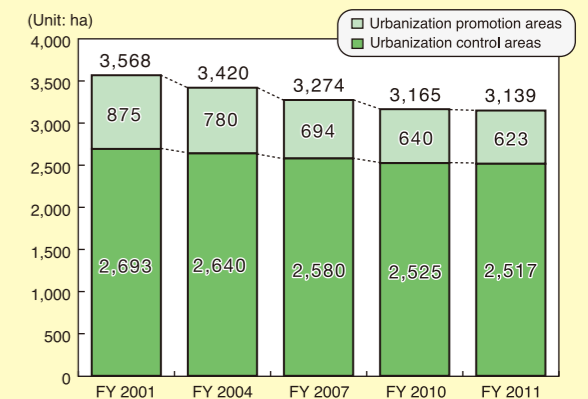
Main Initiatives

- Promotion of reduction efforts through utilization of Yokohama R(Reduce) Platform
- Promotion of reduction and separation of garbage by businesses
- Promotion of local community collection of recyclables

Food Resources and Agriculture

New development of Yokohama-style agriculture by the coordination between food resources and the agricultural industry

Changes in Agricultural Land Area



* Calculated based on records of fixed assets and other such documentation.

In order to protect the environments of agricultural areas, we are promoting preservation of paddy fields, connected agricultural properties and other such farmland. We are also implementing measures in support of local production and local consumption of products that Yokohama's citizens can form an intimate connection with.

Main Initiatives

- Preservation of farmland
- Promotion of local production for local consumption