

## I. Profile of Chiba

Chiba Prefecture ranks twenty-eighth in land area, at approximately 5,156 square kilometers, which is larger than Tokyo and Kanagawa combined. It is a peninsula that juts out to the Pacific Ocean. Its coastline has a variety of landscapes, and aside from the hills on the southern peninsula, the land is flat. It has the lowest land level in Japan, averaging 43 meters above sea level, and boasts a moderate climate. The population of the prefecture is approximately six million (ranks sixth in the country). Located in the capital city area, Chiba with its wide area and favorable natural conditions also shows diversity in its industries. From its proximity to an abundance of both nature and major consumer markets, agriculture in the prefecture ranks second in the country. Its marine industry is also preeminent. In addition, areas with high concentrations of industries, including the coastal industrial zone, Makuhari New City (in Chiba City), Kazusa Akademia Park (in Kisarazu and Kimitsu City), and Kashiwa-Tokatsu areas, have developed. Narita International Airport, the gateway to Japan and the Port of Chiba, which boasts the highest cargo handling volume in Japan, supports their development. This diversity is the source of further progress and development of Chiba in the 21st century.

### Leading areas in which Chiba excels throughout Japan

**Nature:** Average 43 meters above sea level (lowest in Japan)  
Earliest sunrise, at Inubosaki on January 1st (excludes islands)

**Industry:** Gross product of vegetables (green onion, aroid, turnip ) 179.4 billion yen (2002)  
Peanut cultivation area 6,870 hectares, with harvest volume of 16,800 tons (2003)  
Processed marine products (sardines, sea bass, spiny lobster) production volume  
Value of shipments in polystyrene containers: 107.5 billion yen  
Shipment value of soy sauces: 91 billion yen (2002)

**Transportation:** 86,567 number of international flights at Narita Airport per year (2004) with 30 million international passengers annually, and annual international cargo of 2.36 million tons (among the highest in the world)  
Cargo handling at the Port of Chiba - 142 million tons (as of 2004)  
source : Chiba Statistical Yearbook Pg 115. \*Transportation Situation and Number of Ship Arrivals into Main Port  
Operating length of the Chiba Urban Monorail - 15.2 kilometers, making it the longest suspended monorail in the world



Makuhari New City



Narita International Airport





Tokatsu Techno Plaza

Kazusa Akademia Park



"Umihotaru", a parking area in the sea Tokyo Bay Aqua-Line Road

Narita International Airport, the air gateway to Japan, is fast developing as a major base in the global transportation network. It handles over 31 million passengers annually, and boasts one of the highest volumes of air cargo handled. Since an additional runway was put into operation on April 18, 2002, it has led to a major expansion in the number of domestic and overseas routes. Further, in the area surrounding the airport, the “Narita Airport Urban Design” is being promoted. This is a project to maximize the airport’s functionality as a gateway to the skies of Japan, and to create an airport industrial park to accumulate the international cargo, handling function and state-of-the-art technology industries and aiming to form an international airport city with highly advanced urban functions.



## World Airports Ranking 2006 (source: Airport Council International)

### Passenger Traffic

Ranking	City	total passengers	% change
1	Atlanta	85,907,423	2.8
2	Chicago	76,510,003	1.3
3	London	67,915,403	0.8
4	Tokyo	63,282,219	1.6
5	Los Angeles	61,489,398	1.3
6	Dallas	59,176,265	0.4
7	Paris	53,798,308	5.0
8	Frankfurt	52,219,412	2.2
9	Amsterdam	44,163,098	3.8
10	Las Vegas	43,989,982	6.0
27	Narita	31,451,274	1.3

※total passengers: arriving + departing passengers + direct transit

### Cargo Traffic

Ranking	City	total cargo (1000kg)	% change
1	Memphis	3,598,500	1.2
2	Hong Kong	3,433,349	9.9
3	Anchorage	2,553,937	13.4
4	Narita	2,291,073	3.5
5	Seoul	2,150,140	0.8
6	Paris	2,010,361	7.2
7	Frankfurt	1,962,927	6.7
8	Los Angeles	1,938,430	1.3
9	Shanghai	1,856,655	13.1
10	Singapore	1,854,610	3.3

※total cargo: loaded + unloaded freight + mail

The Port of Chiba has been deemed a “Designated Port of Importance” in foreign trade, and is developing rapidly as an international trade port. Through the opening of the Chiba Central Pier Container Terminal in June 1994, additions to the gantry cranes in March 1997 and an increase in the container liner routes to 6 linking to China, South Korea, and South East Asian countries, enhancement of its commercial port functions and development as a logistical base are progressing.



## Ship Arrivals into Prefecture Ports 2004 Actual

	Total	Port of Chiba	Port of Kisarazu	Other
Ocean-going vessels	5,774	4,497	1,277	—
(Foreign registry)	5,595	4,340	1,255	—
(Japanese registry)	179	157	22	—
Coastal merchant vessels	82,803	58,492	15,716	8,595
Other	9,717	3,306	4,881	1,530
<b>Total</b>	<b>98,294</b>	<b>66,295</b>	<b>21,874</b>	<b>10,125</b>

Unit: One vse.

	Total	Port of Chiba	Port of Kisarazu	Other
<b>Foreign Trade</b>				
Export	10,854	8,058	2,765	—
Import	133,704	93,134	40,566	—
<b>Domestic Trade</b>				
Outbound	54,293	37,967	14,183	2,143
Inbound	42,016	30,060	9,148	2,809
<b>Total Number</b>				
Outbound	65,147	46,055	16,948	2,143
Inbound	175,721	123,198	49,713	2,809

Unit: Thousand tons

source : Chiba Statistical Yearbook Pg 115. “Transportation Situation and Number of Ship Arrivals into Main Port”.

# I-B Makuhari New City

Makuhari New City has a total development area of 522 hectares, and balances the four vital functions of working, living, learning, and playing. It has become a city in which more than 26,000 people live, and where some 150,000 work. The landmark for this international business city that has its eyes on the future, is the Makuhari Messe Complex. Such major events as the Tokyo Motor Show are hosted there, and it has become an internationally acclaimed convention facility. There is also the Business & Research Zone where information, mechanic, and electronic industries are centered. Makuhari Bay Town is a residential area geared to provide a living environment befitting the coming age, and an academic zone where universities, high schools, and research facilities are located. There is a commercial area where 'Garden Walk'; an outlet mall, and the U.S. based retailer "Costco Wholesale" are located. Makuhari Seaside Park and the Chiba Marine Stadium also offer world-class sports and recreational facilities. Leading-edge systems will be provided to the area, including area cooling and heating, an aerial waste conveyance system, and an underground electricity and water conduit; for the infrastructure supporting Makuhari New City's functions.

## Planned Land Use for Makuhari New City

Land Use Classification	Land Area		Total
	Makuhari New City	Reserve Area	
Industrial and R&D	53.6	31.0	84.6
Town Center	24.6	8.4	33.0
Residence	38.9	—	38.9
Multiple Zone with Academic facilities	87.4	—	87.4
Park & Green Space	103.7	3.8	107.5
Public	10.9	16.8	27.7
reserve	7.3	—	7.3
Roads and others	111.3	24.5	135.8
<b>Total</b>	<b>437.7</b>	<b>84.5</b>	<b>522.2</b>

Unit : hectare

## Planned Land Use

Area	522.2 hectares	
Population	Employees	About 150,000
	Residents	About 26,000
Project term	Fiscal 1972 - 2010	
	Reclamation work was completed in January of 1980	
Overall project cost	¥3 trillion (including private sector investment)	



(source : Makuhari New City)

# I-C Kazusa Akademia Park

The Kazusa Hills are located in the southwestern part of the prefecture, surrounded by lush greenery. Major development has been seen since the completion of the Tokyo Bay Aqua-Line in 1997, the opening of the Higashi Kanto Expressway Tateyama Route in 2007, and access to the Metropolitan Inter-City Expressway. Kazusa Akademia Park, located in this area, is developing as a research and development center for leading-edge technologies, including bio-technology, new materials, and electronics. Research facilities including the Kazusa DNA Research Institute and Mitsubishi Pharma Corporation have already begun operations here, and Kazusa Arc, comprised of a multi-purpose hall that can be used to hold meetings and concerts, a hotel facility, and a fitness club, has opened to provide urban services. In the coming years a wide scope of functions will be added, including academic and culture, urban services, and recreation, to make it an even more enhanced research and development center.



North Cluster



Center Cluster



South Cluster



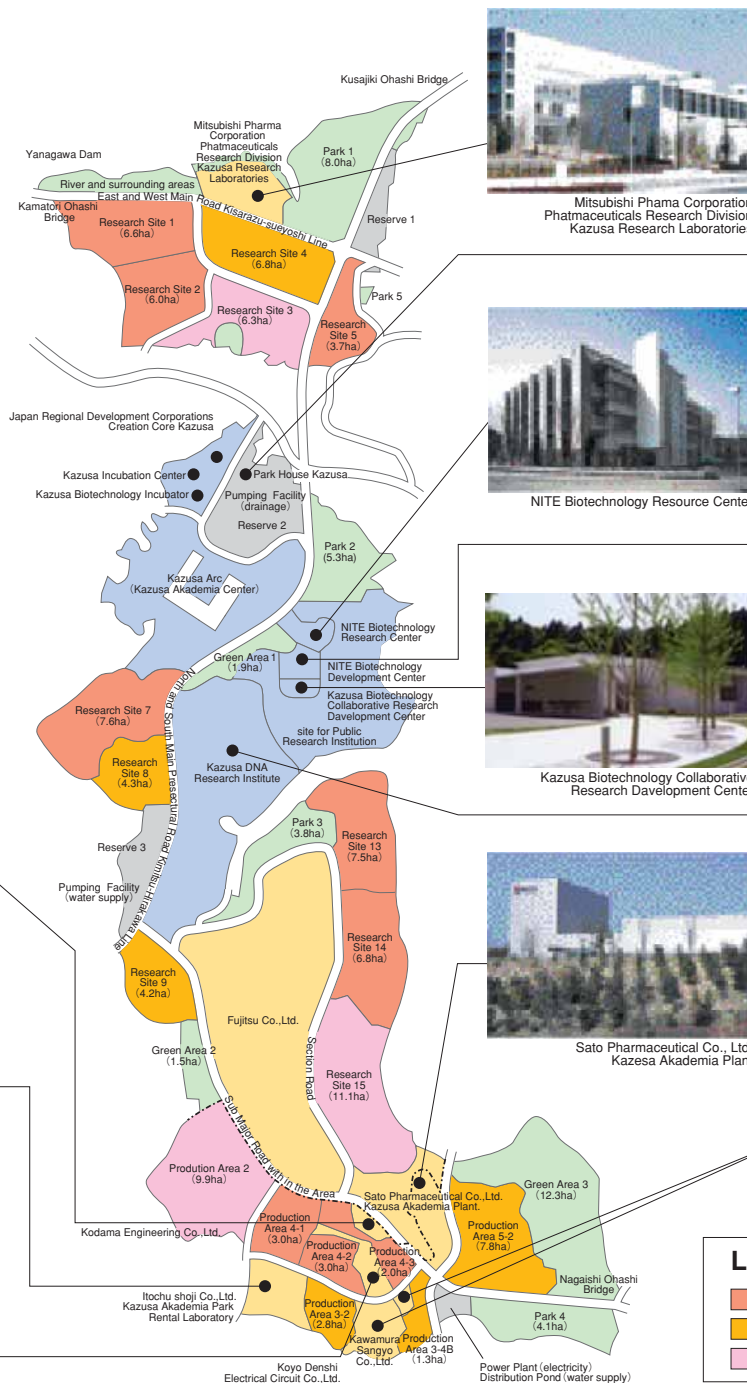
Kodama Engineering Co., Ltd.



Kazusa Akademia Park Rental Laboratory



Koyo Denshi Electrical Circuit Co., Ltd.



Mitsubishi Pharma Corporation  
Pharmaceuticals Research Division  
Kazusa Research Laboratories



Park House Kazusa



NITE Biotechnology Resource Center



NITE Biotechnology Development Center



Kazusa Biotechnology Collaborative  
Research Development Center



Kazusa DNA Research Institute



Sato Pharmaceutical Co., Ltd.  
Kazusa Akademia Plant



Kawamura Sangyo Co., Ltd.  
Kazusa Branch

Legend	
<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	For Sale
<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Site selection completed
<span style="background-color: lightblue; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Public experimental lab facilities
<span style="background-color: yelloworange; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Site selection under proceedings
<span style="background-color: lightgreen; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Parks/Green Area
<span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Site for lease
<span style="background-color: grey; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Public space

(source : Kazusa Akademia Park)