

About the Pamphlet "Japan: Competitiveness in Academia and Industry – Introduction of Excellent Cities"

Pamphlet Overview

Japan's cities offer top-class settings for international conferences, boasting superior infrastructure including convention facilities, hotels and transportation systems, while also promising fascinating cultural experiences and delicious dining opportunities in safe urban environments. Moreover, high concentrations of academic and research institutions with advanced R&D capabilities and corporate clusters with superior technical skills give Japan particular advantages in hosting international meetings. Organizers who choose to hold events in Japan can anticipate that interaction with such academic institutions, research centers and corporations will provide conference participants with intellectual stimulation and create opportunities for innovation.

This booklet provides overviews of 16 Japanese cities* that are leading venues for international conferences, profiling the characteristics and strengths of their local industries, highlighting fields of cutting-edge academic inquiry and research, and outlining industrial trends. We hope that this information will be useful to you when considering where to hold events, by giving you a better understanding of the diverse strengths and distinctive characters of these 16 cities, and their potential as convention settings.

This pamphlet includes the following information.

- > Japan's Position in the Asia Pacific
- > Japan's Three Major Metropolitan Areas (Greater Tokyo / Greater Nagoya / Greater Osaka)
- > Overview of Featured Cities
- > Introduction of Each Cities

*Including the overviews of academic/industrial clusters in the prefectures where the cities are located.

Japan's Position in the Asia Pacific

(As of 2020)

No.1 Global Competitiveness in Research and Development

Source: World Economic Forum, "The Global Competitiveness Report 2019"

No.1 Number of Nobel laureates

Source: Nobel Foundation, "All Nobel Prizes"

No.1 Economic Complexity Index*2

Source: Observatory of Economic Complexity, "Economic Complexity Legacy Rankings"

No.1 Number of World's Most Admired Companies

Source: Fortune, "Fortune Global 500"

No.1 Number of companies in the 2020 Global 100 Most Sustainable Corporations in the World index

Source: Corporate Knights, "2020 Global 100"

No.1 Highly Cited Researchers in Botany and Zoology*3 (35.4%)

Source: Clarivate

No.1 Highly Cited Researchers in Molecular Biology*3 (38.5%)

Source: Clarivate

No.1 Highly Cited Papers in Space Science*4 (35.3%)

Source: Clarivate

No.1 Highly Cited Papers in Physics*4 (25.8%)

Source: Clarivate

No.1 Nature Index Number of Corporate Institutions (52 Institutions)

Source: Nature, "Top Corporate Institutions 2020"

No.1 Automobile Export by Country (147.12 billion USD)

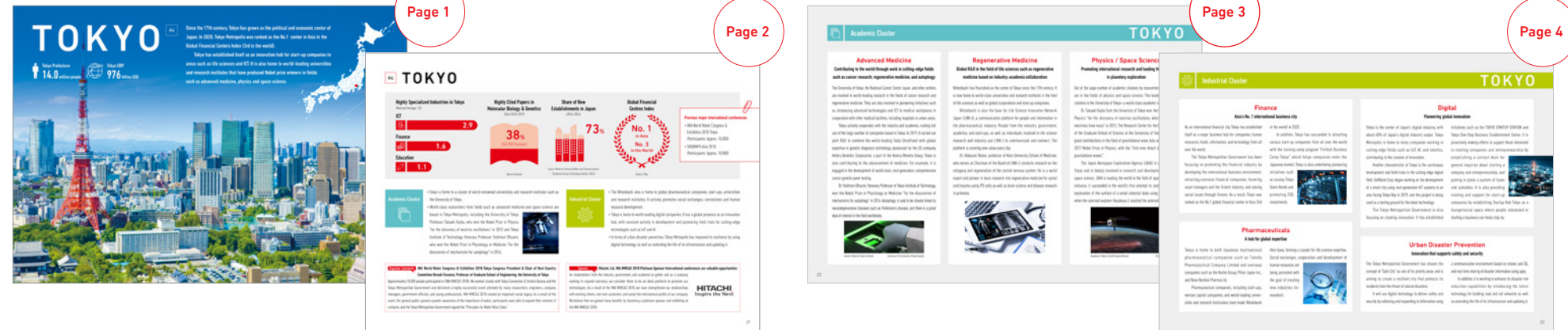
Source: United Nations Conference on Trade and Development, "UNCTADstat" (2019)

*2 A higher index indicates a more value-added and diverse industrial sector.

*3 There are roughly 21 scientific fields and data analysis was performed on researchers who produced highly cited papers (2019) over a certain threshold in one or more of those fields.

*4 The data for the top 600 most highly cited institutions (based on total of papers published 2010-2019) in natural and social sciences was analyzed utilizing Web of Science database and its analysis tool, the InCities Benchmarking.

Contents of the Pamphlet (Detailed Introduction of Each City in Four Pages)



Pages 1-2: City Overview

Describes the characteristics of the academic and industrial clusters in each city. Also describes the experiences of organizers and exhibitors of international conferences previously held in the city.

Pages 3-4: Details of Academic and Industrial Clusters

Up to four fields are covered for both the academic and industrial clusters.

For the academic cluster, the specialized efforts of the universities and research institutes located in the city are presented. For the industrial cluster, the key industries of the city and the fields that the city is aiming to encourage are presented.

Overview of Featured Cities

City	Academic Cluster	Industrial Cluster
1 SAPPORO	<ul style="list-style-type: none"> Earth and Planetary Science Low Temperature Science Infectious Diseases Veterinary Medicine / Dairy Science 	<ul style="list-style-type: none"> Agriculture, Forestry, and Fisheries Tourism / Sports Environment Media / Content
2 SENDAI	<ul style="list-style-type: none"> Advanced Medicine Materials Science 	<ul style="list-style-type: none"> Disaster Risk Reduction / Mitigation Nanoscience / Nanotechnology Agriculture / Fisheries
3 CHIBA	<ul style="list-style-type: none"> Bio Quantum Science 	<ul style="list-style-type: none"> Materials / Chemicals Logistics tech Iodine
4 TOKYO	<ul style="list-style-type: none"> Advanced Medicine Regenerative Medicine Physics / Space Science 	<ul style="list-style-type: none"> Finance Pharmaceuticals Digital Urban Disaster Prevention
5 YOKOHAMA	<ul style="list-style-type: none"> Geoscience / Marine Science Clinical Medicine Health / Medicine 	<ul style="list-style-type: none"> Transport / Logistics Electricity / Machinery ICT
6 TOYAMA	<ul style="list-style-type: none"> Pharmacy / Pharmaceutical Engineering 	<ul style="list-style-type: none"> Pharmaceutical Field Electronic Device Field Nanotechnology Field
7 AICHI/NAGOYA	<ul style="list-style-type: none"> Elementary Particles, the Universe, and Mathematical Physics Materials Science and Electronics Chemistry / Biology 	<ul style="list-style-type: none"> Automotive Industry Materials Industry Aerospace Industry
8 KYOTO	<ul style="list-style-type: none"> Regenerative Medicine Cancer Immunology Research Material Science and Cell Science Chemistry 	<ul style="list-style-type: none"> Life Sciences Industry Environment-related Industry Tourism and Cultural Industry
9 OSAKA	<ul style="list-style-type: none"> Immunology Chemistry 	<ul style="list-style-type: none"> Smart City Sports Pharmaceutical / Life Sciences
10 KOBE	<ul style="list-style-type: none"> Computer Science Biomedical / Biochemistry 	<ul style="list-style-type: none"> Chemicals / Materials Aerospace Industry Medicine / Health / Welfare
11 OKAYAMA	<ul style="list-style-type: none"> Medical Treatment (Lung Transplant / Medical-Engineering-Humanities Cooperation) Plant Science 	<ul style="list-style-type: none"> Education Health Care
12 HIROSHIMA	<ul style="list-style-type: none"> Biology Medical Treatment (Radiation Biomedical Science, etc.) Space Science 	<ul style="list-style-type: none"> Manufacturing Fishing Industry
13 KITAKYUSHU	<ul style="list-style-type: none"> Environment / Energy Manufacturing Industry (Robotics) 	<ul style="list-style-type: none"> Advanced Manufacturing (Robotics / Automobiles) Rehabilitation Steelmaking Sanitary Ware
14 FUKUOKA	<ul style="list-style-type: none"> Organic EL Hydrogen 	<ul style="list-style-type: none"> Creative Healthcare
15 NAGASAKI	<ul style="list-style-type: none"> Tropical Medicine Radiology Marine Science 	<ul style="list-style-type: none"> Fisheries Shipbuilding / Machinery Manufacturing Industry
16 OKINAWA	<ul style="list-style-type: none"> Okinawa Institute of Science and Technology Graduate University (OIST) Marine and Biodiversity Fields 	<ul style="list-style-type: none"> Tourism and Sports Industries Island-type Advanced Problem-Solving Industry Agricultural Products and Aquaculture



<https://www.japanmeetings.org>

