

# FY2011

## JSPS Postdoctoral Fellowship for Foreign Researcher

Field: **Agricultural Sciences**

Note:

- Regions and prefectures are listed in right-hand column.
- Scroll down to find map of regions and prefectures.

JSPS Postdoctoral Fellowship for Foreign Researcher  
(FY 2005 Humanities and Social Sciences)

Name (Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
AAKRE, B. M.  NORWAY	Design and Entrepreneurship Education in Japan and Norway	Hokkaido Tokai University KAWASAKI, Kazuhiko Professor <i>School of International Cultural Relations</i>	Nov. 1, 2005— Feb. 28, 2007	Hokkaido Hokkaido
ABDUL, W.  PAKISTAN	Public Debt Burden and Slow Economic Growth: A Case Study of Severely Indebted Low Income Country	University of Nagoya EZAKI, Mitsuo Professor <i>Graduate School of International Development</i>	Apr. 1, 2005— Mar. 31, 2007	Chubu Aichi
AKSARTOVA, S.	The Impact of the End of the Cold War on Asian Economic Growth	Hosei University MORIMOTO, Nobuo Professor <i>School of International Studies</i>	Nov. 1, 2005— Oct. 31, 2007	Kanto Tokyo

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FY 2011 Agricultural Sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
AHN, G.  KOREA (REP. OF KOREA)	Effects of phlorotannin isolated from marine algae on atopic dermatitis	Tokyo University of Agriculture and Technology TANAKA, Akane Associate Professor Institute of Agriculture	Jun. 1, 2011~ May. 31, 2013	Kanto Tokyo
ALAM, M. Z.  BANGLADESH	Multilocus microsatellite typing of the Leishmania parasites in South and East Asia	Hokkaido University KATAKURA, Ken Professor Graduate School of Veterinary Medicine	Sep. 9, 2011~ Sep. 8, 2013	Hokkaido Hokkaido
ALAVI, S.  IRAN	Mode of actions of sex steroids, 5-hydroxytryptamin and Ca <sup>2+</sup> in gamete maturation in bivalves	Tohoku University OSADA, Makoto Professor Graduate School of Agricultural Science	Oct. 12, 2011~ Oct. 11, 2013	Tohoku Miyagi
BRUCE, A. Y.  TOGO	Improvement of natural enemy performance by habitat management and augmentation	Kyushu University TAKASU, Keiji Associate Professor Faculty of Agriculture	Nov. 21, 2011~ Nov. 20, 2013	Kyushu Fukuoka
CHAND, R.  NEPAL	A study on the photocatalytic purification of water using hydrophobically treated titanium oxide	Kyushu University SHIRAISHI, Fumihide Professor Faculty of Agriculture	Apr. 1, 2011~ May. 31, 2013	Kyushu Fukuoka
CHANG, C.  CHINA	Enhancing functionality of cellulose-based materials by control of nano- and mesoscopic structures	Kyoto University NISHIO, Yoshiyuki Professor Graduate School of Agriculture	Nov. 7, 2011~ Nov. 6, 2013	Kinki Kyoto
CHEONG, S.  KOREA (REP. OF KOREA)	Effects of phytochemicals on obesity and diabetes and their modes of actions	Tokyo University of Agriculture and Technology YAGASAKI, Kazumi professor Graduate School of Agriculture Department of Applied Biological Chemistry	Aug. 1, 2011~ Sep. 30, 2012	Kanto Tokyo
COPE, A. E.  PHILIPPINES	Reovirus genome rearrangements induced by the multifunctional protein p29 of the prototype hypovirus	Okayama University SUZUKI, Nobuhiro Professor Institute of Plant Science and Resources	Sep. 28, 2011~ Sep. 27, 2013	Chugoku Okayama

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CUI, Y.  CHINA	A study on microbial functional groups producing a climate related gas in the ocean	The University of Tokyo HAMASAKI, Koji Associate Professor Atmosphere and Ocean Research Institute  (Kashiwa Campus)	Nov. 24, 2011~ Nov. 23, 2013	Kanto Chiba
DARWISH ABDALLAH ABDELRAHEM, W. S.  EGYPT	Novel regulatory effects of carotenoids and retinoids on xenobiotic metabolism in ungulates	Hokkaido University ISHIZUKA, Mayumi Professor Graduate School of Veterinary Medicine	Sep. 22, 2011~ Sep. 21, 2013	Hokkaido Hokkaido
DOULLAH, M.-U.  BANGLADESH	Development of MAS and genetic analysis for clubroot resistance in Brassica oleracea	Niigata University OKAZAKI, Keiichi Professor Institute of Natural Science and Technology	Sep. 9, 2011~ Sep. 8, 2013	Chubu Niigata
FAHMA, F.  INDONESIA	Preparation and structural study of cellulose nanofiber as novel filler in elastomer nanocomposite	The University of Tokyo SAITO, Yukie Associate Professor Graduate School of Agricultural and Life Sciences	Nov. 8, 2011~ Nov. 7, 2013	Kanto Tokyo
GUIRIMAND, G. G.  FRANCE	Characterization of gentiobiase as a novel target for parasitic weed control	Osaka University MURANAKA, Toshiya Professor Graduate School of Engineering	Nov. 29, 2011~ Nov. 28, 2013	Kinki Osaka
HASSANINASAB, A.  IRAN	Investigation of new curcumin metabolisms in different microorganisms	University of Tsukuba KOBAYASHI, Michihiko Professor Graduate School of Life and Environmental Sciences	Nov. 1, 2011~ Oct. 31, 2013	Kanto Ibaraki
HOWLADER, M. T.  BANGLADESH	The interaction between Cry4Aa mosquitocidal toxin and its putative receptor	Okayama University SAKAI, Hiroshi Professor Graduate School of Natural Science and Technology	Nov. 15, 2011~ Nov. 14, 2013	Chugoku Okayama
JOGAIAH, S.  INDIA	Identification of elicitors and signaling pathways in induced systemic resistance of tomato	Yamaguchi University ITO, Shinichi Professor Faculty of Agriculture	Jul. 23, 2011~ Jul. 22, 2013	Chugoku Yamaguchi

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KHAN, M. I.  BANGLADESH	Studies on the feeding regulatory mechanism in the brain of broiler chicks using Red Junglefowl	Ehime University TACHIBANA, Tetsuya Associate Professor Faculty of Agriculture	Nov. 28, 2011~ Nov. 27, 2013	Shikoku Ehime
KIM, S.-Y.  KOREA (REP. OF KOREA)	Function and structure of the biosynthetic enzymes for terpenoid-polyketide hybrid compounds	The University of Tokyo KUZUYAMA, Tomohisa Associate Professor Biotechnology Research Center	Sep. 30, 2011~ Sep. 29, 2013	Kanto Tokyo
KULICHIKHIN, K.  RUSSIA FEDERATION	Understanding mechanism of an efficient O <sub>2</sub> transport system in crop roots for waterlogging tolerance	Nagoya University NAKAZONO, Mikio Professor Graduate School of Bioagricultural Sciences	Aug. 2, 2011~ Aug. 1, 2013	Chubu Aichi
LANG, W.  THAILAND	Molecular analysis and application of novel phenomena found in dextranase	Hokkaido University KIMURA, Atsuo Professor Research Faculty of Agriculture	Nov. 30, 2011~ Nov. 29, 2013	Hokkaido Hokkaido
LIU, C.  CHINA	Genetic mapping of genes for non-glaucous and dense spike in common wheat	National Institute of Agrobiological Resources KOMATSUDA, Takao Senior Researcher Agrogenomics Research Center	Nov. 1, 2011~ Oct. 31, 2013	Kanto Ibaraki
MARKKANDAN, G.  INDIA	Identification of cotton STOP1 system and its application for molecular breeding	Gifu University KOYAMA, Hiroyuki Professor Faculty of Applied Biological Sciences	Jul. 11, 2011~ Jul. 10, 2013	Chubu Gifu
MAROUSEK, J.  CZECH	Studying the optimal parameters of biomass production and utilization	University of the Ryukyus KAWAMITSU, Yoshinobu Professor Faculty of agriculture	Sep. 16, 2011~ Sep. 15, 2012	Okinawa Okinawa
NTUI, V. O.  NIGERIA	Genetic transformation of cassava for producing resistant plants to cassava mosaic disease	Chiba University MII, Masahiro Professor Graduate School of Horticulture	Sep. 28, 2011~ Sep. 27, 2013	Kanto Chiba

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
PARK, Y.-J.  KOREA (REP. OF KOREA)	Studies on starch synthase gene family and its application in grain amaranth.	National Institute of Agrobiological Resources NISHIKAWA, Tomotaro Chief Researcher Division of Genome and Biodiversity Research	Apr. 1, 2011～ Mar. 31, 2013	Kanto Ibaraki
PHAIBOONSILPA, N.  THAILAND	CHEMICAL CONVERSION OF LIGNOCELLULOSICS AS TREATED BY TWO-STEP SEMI-FLOW HOT-COMPRESSED WATER	Kyoto University SAKA, Shiro Professor Graduate School of Energy Science	Apr. 4, 2011～ Apr. 3, 2013	Kinki Kyoto
PHAM, T. T.  VIET NAM	Exploring the potential of wild rice for agronomically important characters	Kobe University ISHII, Takashige Professor Graduate School of Agricultural Science	Nov. 6, 2011～ Nov. 5, 2013	Kinki Hyogo
QUIAZON, K. A.  PHILIPPINES	Allergens, in-host migration and geographical distribution of two zoonotic Anisakis sibling species	The University of Tokyo YOSHINAGA, Tomoyoshi Associate Professor Graduate School of Agricultural and Life Sciences	Nov. 28, 2011～ Nov. 27, 2013	Kanto Tokyo
RAHMAN, M. M.  BANGLADESH	Attempt to regulate biological activity of the cells in hair follicle using microbial metabolites	Hokkaido University KUMURA, Haruto Professor Research Faculty of Agriculture	Nov. 30, 2011～ Nov. 29, 2013	Hokkaido Hokkaido
RAHMAN, M. M.  BANGLADESH	Improvement of wood properties and disease resistance of tropical Acacia by metabolic engineering	Kyoto University UMEZAWA, Toshiaki Professor Research Institute for Sustainable Humanosphere	Nov. 1, 2011～ Oct. 31, 2013	Kinki Kyoto
RAHMAN, S. M.  BANGLADESH	Research on the development of fish embryo cryopreservation technology	Tokyo University of Marine Science and Technology STRUSSMANN, Carlos augusto Professor Faculty of Marine Science	Sep. 25, 2011～ Sep. 24, 2013	Kanto Tokyo
SETHU, S.  INDIA	Research on Novel Kisspeptin System to Control Puberty Onset in Farmed Fish	Kyushu University MATSUYAMA, Michiya Professor Faculty of Agriculture	Sep. 1, 2011～ Aug. 31, 2013	Kyushu Fukuoka

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SHARMA, S.  INDIA	Isolation of Burkholderia glumae resistance genes from rice using whole genome association mapping	Iwate Biotechnology Research Center SAITOU, Hiromasa Chief Researcher Division of Biological Sciences	Sep. 1, 2011~ Aug. 31, 2013	Tohoku Iwate
SUROVY, P.  SLOVAKIA	Functional-structural modeling for Japanese forest species toward optimal forestry treatments	Research Organization of Information and Systems YOSHIMOTO, Atsushi Professor Institute of Statistical Mathematics	Nov. 13, 2011~ Nov. 12, 2013	Kanto Tokyo
TELEBANCO-YANORIA, M. J.  PHILIPPINES	Development of IR64 multiline variety and identification of blast resistance genes from NERICA	Japan International Research Center for Agricultural Sciences FUKUTA, Yoshimichi Project leader Biological Resources and Post-harvest Division	Nov. 1, 2011~ Oct. 31, 2013	Kanto Ibaraki
VAN PEER, A. F.  NETHERLANDS	Identification of conserved primordium regulating genes to develop new mushroom cultivation methods	Iwate Biotechnology Research Center SAKAMOTO, Yuichi Chief Researcher Microorganism	Aug. 11, 2011~ Aug. 10, 2013	Tohoku Iwate
WANG, H.  CHINA	Genomic studies on molecular mechanism of mulberry monophagy in the silkworm, Bombyx mori	The University of Tokyo SHIMADA, Toru Professor Graduate School of Agricultural and Life Sciences	Apr. 1, 2011~ Mar. 31, 2013	Kanto Tokyo
WIN, K.  MYANMAR	Differentiation of a seed shattering gene, Sh3 in domestication of Asian rice and African rice	Kyushu University YOSHIMURA, Atsushi Professor Faculty of Agriculture	Nov. 22, 2011~ Nov. 21, 2013	Kyushu Fukuoka
WU, T.  CHINA	Identification and characterization of a novel gene involved in Cu homeostasis in plants	The University of Tokyo FUJIWARA, Toru Professor Graduate School of Agricultural and Life Sciences	Nov. 16, 2011~ Nov. 15, 2013	Kanto Tokyo
XIA, J.  CHINA	Identification of QTL genes for Al tolerance in rice	Okayama University MA, Jian feng Professor Institute of Plant Science and Resources	Oct. 1, 2011~ Sep. 30, 2013	Chugoku Okayama

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YIN, L.  CHINA	Function of sorghum polyamine synthesis gene (SbSAMDC) in silicon-induced drought tolerance	Tottori University TANAKA, Kiyoshi Professor Faculty of Agriculture	Jun. 1, 2011~ May. 31, 2013	Chugoku Tottori
ZHENG, L.  CHINA	Identification of metal transporters in plants	Okayama University MA, Jian feng Professor Institute of Plant Science and Resources	Apr. 1, 2011~ Mar. 31, 2013	Chugoku Okayama
ZHOU, S.  CHINA	Studies on molecular mechanism for nitric oxide resistance in the fungus <i>Aspergillus nidulans</i>	University of Tsukuba TAKAYA, Naoki Associate Professor Graduate School of Life and Environmental Sciences	Apr. 5, 2011~ Apr. 4, 2013	Kanto Ibaraki

# Regions

Hokkaido

Tohoku

Chubu

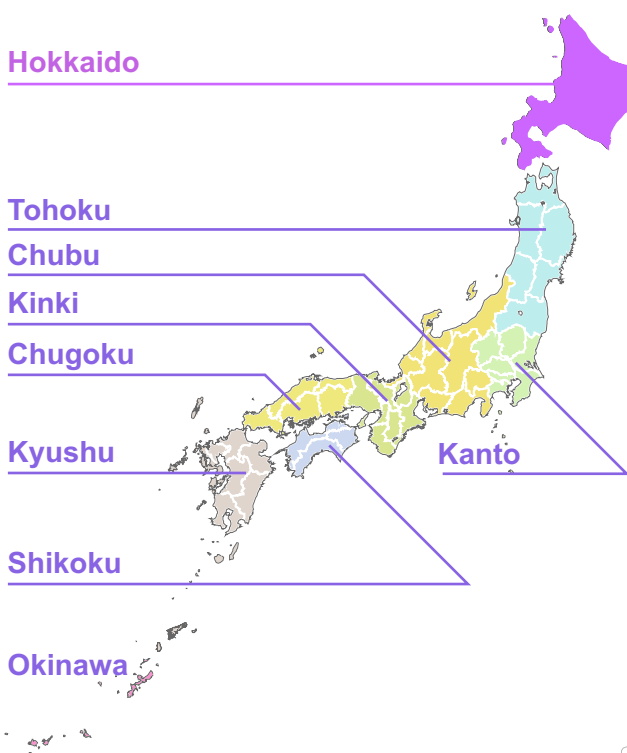
Kinki

Chugoku

Kyushu

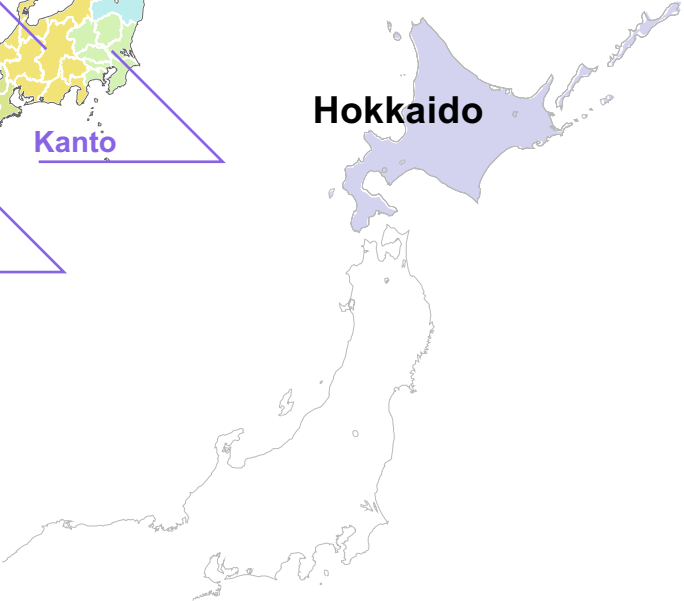
Shikoku

Okinawa



# Prefectures

Hokkaido





# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Aomori

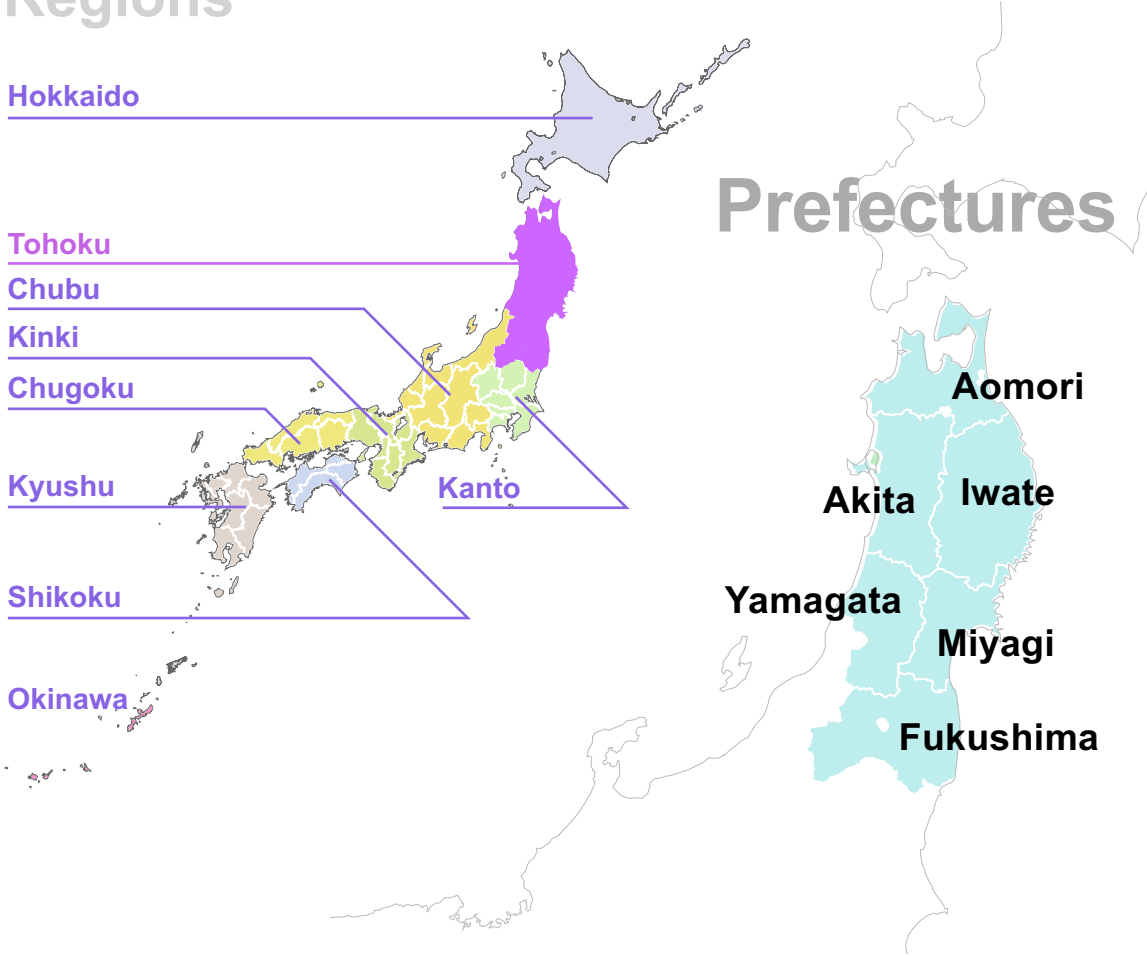
Akita

Iwate

Yamagata

Miyagi

Fukushima



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Gunma

Tochigi

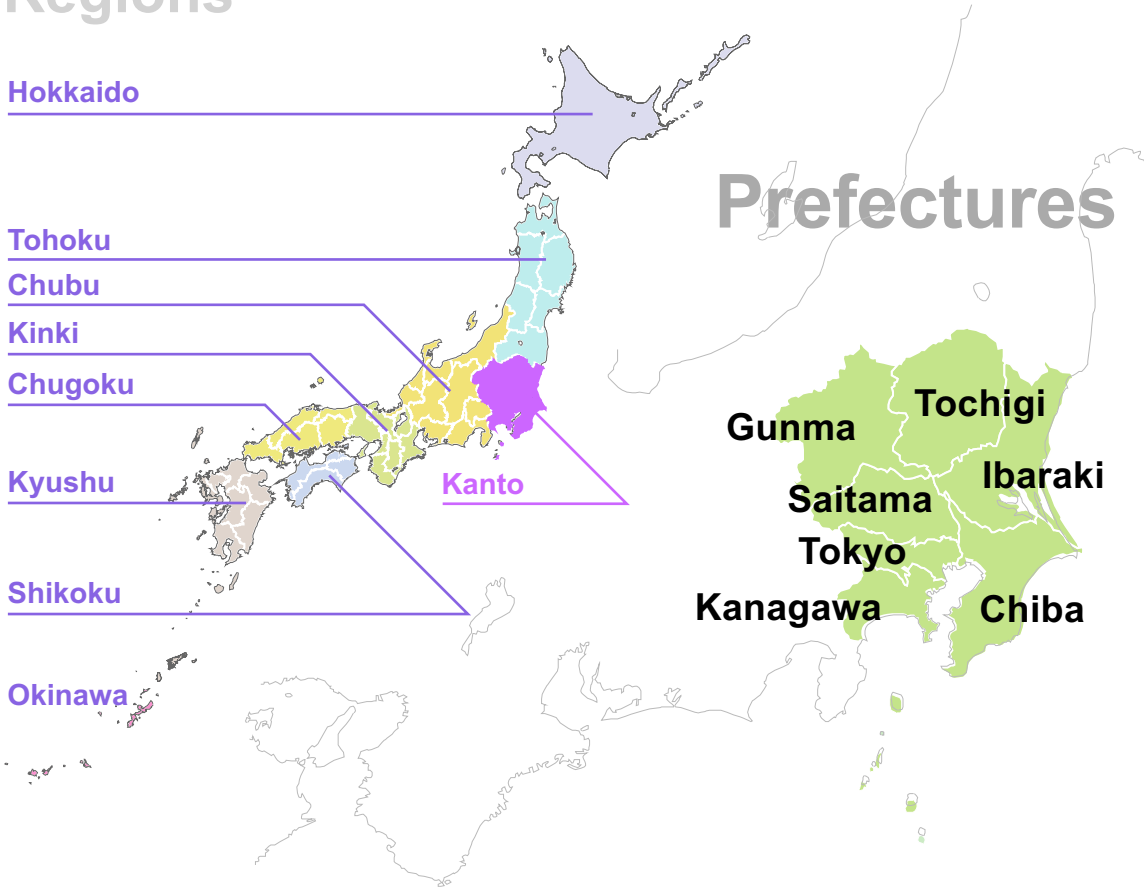
Saitama

Ibaraki

Tokyo

Kanagawa

Chiba



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Toyama

Niigata

Ishikawa

Nagano

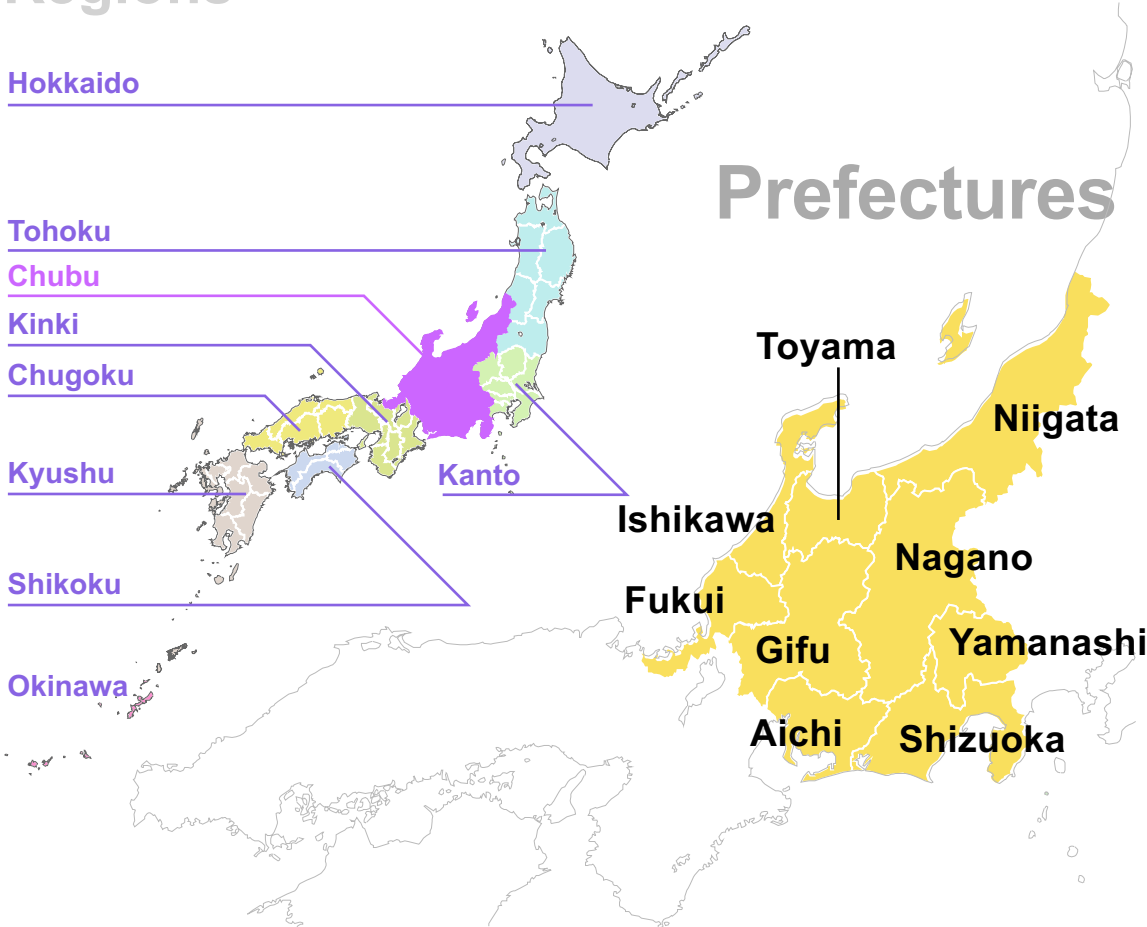
Fukui

Yamanashi

Gifu

Aichi

Shizuoka



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Kyoto

Shiga

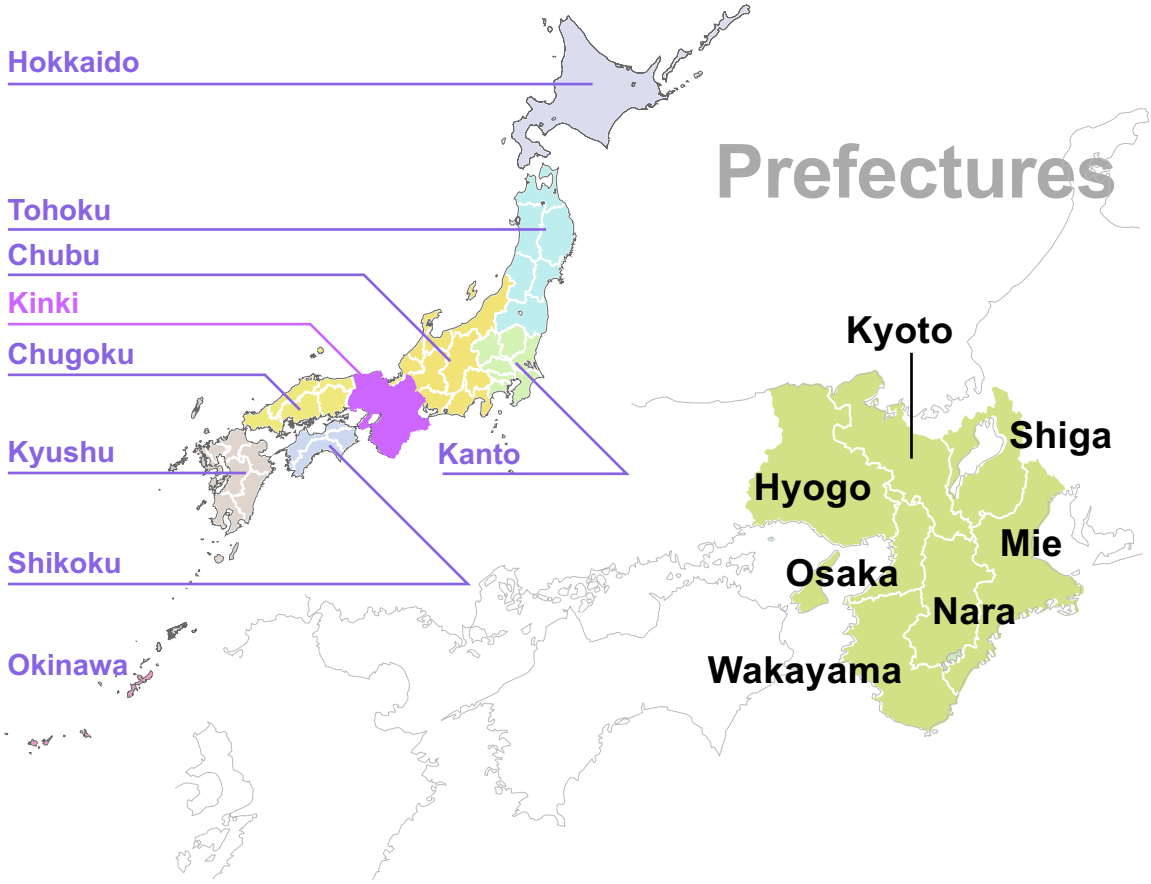
Hyogo

Mie

Osaka

Nara

Wakayama



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

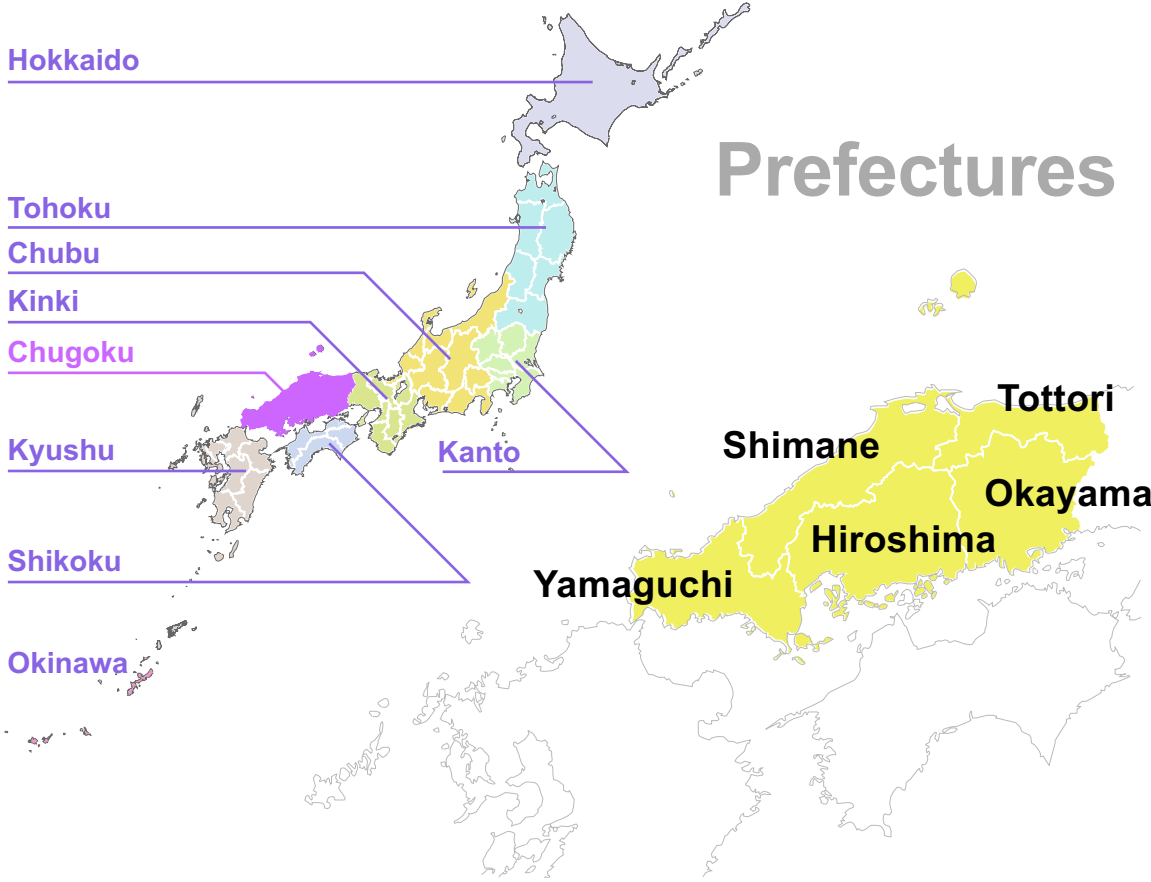
Shikoku

Okinawa

Kanto

# Prefectures

Shimane  
Tottori  
Okayama  
Hiroshima  
Yamaguchi



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

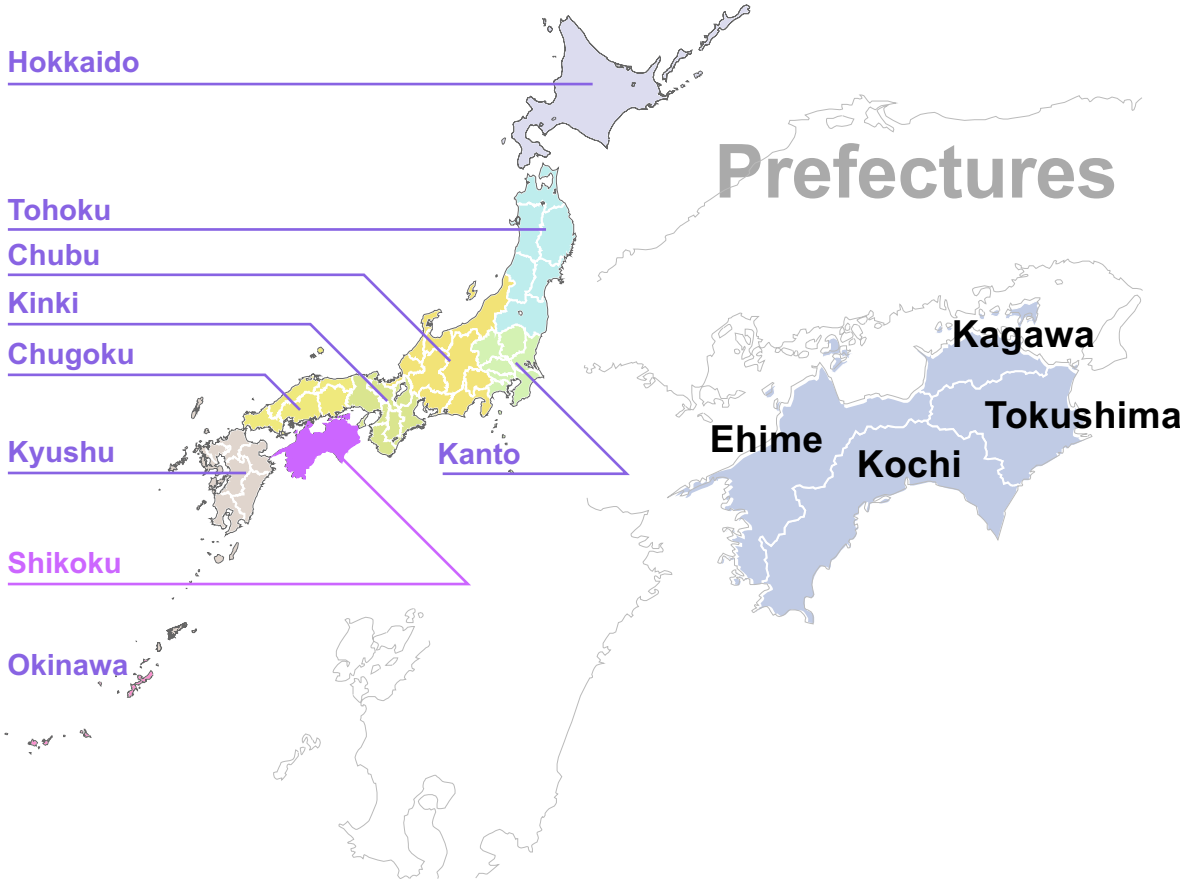
# Prefectures

Kagawa

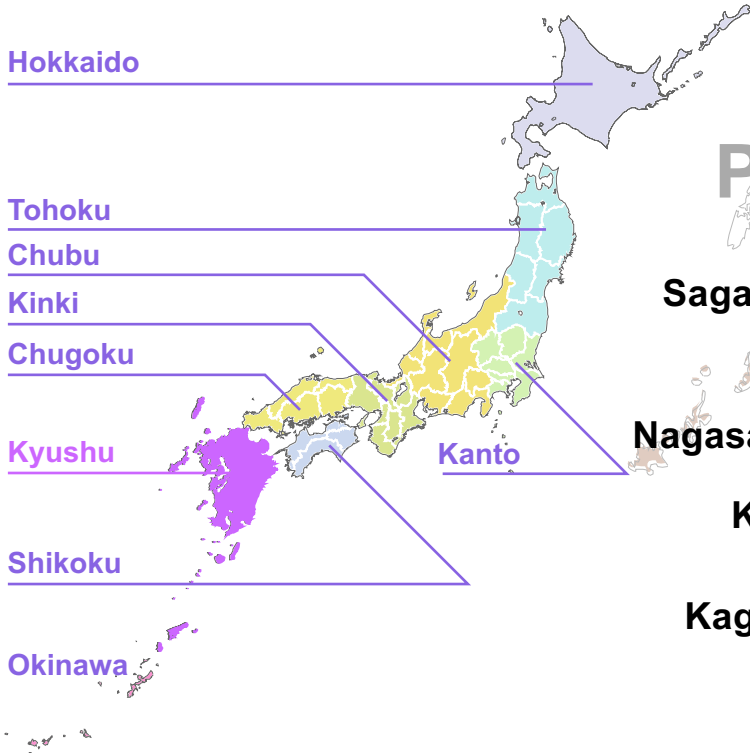
Ehime

Kochi

Tokushima



# Regions



# Prefectures



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

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Okinawa

