

# FY2010

## JSPS Postdoctoral Fellowship for Foreign Researcher

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Field: **Mathematical and Physical Sciences**

note:

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- 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 Japan's	Hosei University  KAWASAKI, Nobuo	Nov. 1, 2005— Oct. 31, 2006	Kanto Tokyo

Region  
Prefecture

Hokkaido  
Hokkaido

Chubu  
Aichi

Kanto  
Tokyo

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FY 2010 Mathematical and Physical Sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
ALABIDI, L.  UNITED KINGDOM	The Next Generation of Inflation Model Discriminators	Kyoto University SASAKI, Misao Professor Yukawa Institute for Theoretical Physics	Nov. 1, 2010~ Oct. 31, 2012	Kinki Kyoto
ANDERSON, J. S.  CANADA	Formulating an efficient multi-dimensional grid for finding accurate energy eigenvalues in nuclei	The University of Tokyo OTSUKA, Takaharu Professor School of Science	Nov. 29, 2010~ Nov. 28, 2012	Kanto Tokyo
ANG, R.  CHINA	Ultrahigh-resolution photoemission study of layered 3d transition-metal compounds	Tohoku University TAKAHASHI, Takashi Professor WPI Research Center, Advanced Institute for Materials Research	Nov. 27, 2010~ Nov. 26, 2012	Tohoku Miyagi
BONELL, F.  FRANCE	High quality epitaxial multilayers for spin control : thermal and voltage effects.	Osaka University SUZUKI, Yoshishige Professor Graduate School of Engineering Science	Apr. 1, 2010~ Mar. 31, 2012	Kinki Osaka
DAI, L.  CHINA	Brillouin scattering measurement of sound velocities of lower mantle minerals	Tokyo Institute of Technology HIROSE, Kei Professor Graduate School of Science and Engineering	Oct. 27, 2010~ Oct. 26, 2012	Kanto Tokyo
DEMONET, L.  FRANCE	Categorification of cluster algebras and extensions to non simply - laced cases	Nagoya University IYAMA, Osamu Professor Graduate School of Mathematics	Sep. 20, 2010~ Sep. 19, 2012	Chubu Aichi
DIMRI, A. P.  INDIA	Changes of cyclone activity and precipitation over the Himalayas associated with the global warming	Nagoya University YASUNARI, Tetsuzo Professor Hydrospheric Atmospheric Research Center	Sep. 1, 2010~ Aug. 31, 2012	Chubu Aichi
FRONZI, M.  ITALY	A first principle investigation of oxide heterostructure properties	National Institute for Materials Science TATEYAMA, Yoshitaka Independent Scientist International Center for Materials Nanoarchitectonics (MANA)	Aug. 3, 2010~ Aug. 2, 2012	Kanto Ibaraki

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GANNOUJI, R.  MOROCCO	Dark energy and modified gravity	Tokyo University of Science TSUJIKAWA, Shinji Associate Professor Department of Physics	Oct. 18, 2010~ Oct. 17, 2012	Kanto Tokyo
GIAVARAS, G.  GREECE	Theory and modeling of graphene quantum dot devices	RIKEN NORI, Franco Team Leader Advanced Science Institute, Digital Materials Team	Oct. 1, 2010~ Sep. 30, 2012	Kanto Saitama
HAMONOU, L.  FRANCE	Theoretical study of attosecond molecular imaging with rescattering electrons by intense lasers	The University of Electro-Communications WATANABE, Shinichi Professor	Nov. 1, 2010~ Oct. 31, 2012	Kanto Tokyo
HOANG, C. V.  VIET NAM	Atom-scale and mesoscale plasmonic materials for infrared nanoantennae	National Institute for Materials Science NAGAO, Tadaaki Senior Scientist International Research Center for Materials Nanoarchitectonics	Sep. 10, 2010~ Sep. 9, 2012	Kanto Ibaraki
HULIYAR, N. S.  INDIA	Relativistic Many-Body Theory of the EDM of Fr: Implications for Physics Beyond the Standard Model	Tohoku University SAKEMI, Yasuhiro Professor Cyclotron and Radioisotope Center	Sep. 26, 2010~ Sep. 25, 2012	Tohoku Miyagi
KRUKOWSKI, P.  POLAND	Study of nanomagnetism using a scanning tunneling microscope with spin-detection	The University of Tokyo KOMORI, Fumio Professor Institute for Solid State Physics	Oct. 5, 2010~ Oct. 4, 2012	Kanto Chiba
LAKE, M. J.  UNITED KINGDOM	Cosmic superstrings as a probe of extra dimensions	The University of Tokyo YOKOYAMA, Jun'ichi Professor Graduate School of Science	Nov. 28, 2010~ Nov. 27, 2012	Kanto Tokyo
LECROQ, B.  SWITZERLAND	Diversity and biogeographic distribution of benthic foraminiferas from the deep-sea	Japan Agency for Marine-Earth Science and Technology KITAZATO, Hiroshi Research Director Institute of Biogeosciences	Aug. 23, 2010~ Aug. 22, 2012	Kanto Kanagawa

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LI, Z.  CHINA	Algebraic and Geometric study of multiple zeta values	The University of Tokyo TERASOMA, Tomohide professor Graduate School of Mathematical Sciences	Oct. 16, 2010~ Oct. 15, 2012	Kanto Tokyo
LITCHFIELD, P. R.  UNITED KINGDOM	Getting the most from the T2K near detectors	Kyoto University NAKAYA, Tsuyoshi Professor Graduate School of Science	Oct. 29, 2010~ Oct. 28, 2012	Kinki Kyoto
LORUSSO, G.  ITALY	Decay spectroscopy of neutron-rich nuclei related to second peak of astrophysical r-process	RIKEN NISHIMURA, Shunji Researcher RIKEN Nishina Center (RNC)	Sep. 19, 2010~ Sep. 18, 2012	Kanto Saitama
MARZ, M.  GERMANY	Investigations of the electronic properties of single and few-layer graphene using scanning tunneling microscopy.	National Institute for Materials Science FUJITA, Daisuke Managing Director Advanced Nano Characterization Center	Jun. 7, 2010~ Jun. 6, 2011	Kanto Ibaraki
MERTENS, K. N.  BELGIUM	Study of in vivo and in situ morphological variation of cysts of <i>Protoceratium reticulatum</i> from Japan	Nagasaki University MATSUOKA, Kazumi Professor Institute for East China Sea Research	Nov. 29, 2010~ Nov. 28, 2011	Kyushu Nagasaki
MU, G.  CHINA	Hole and Electron Doped Fe based Superconductors	Tohoku University TANIGAKI, Katsumi Professor World-Premier Center for Atom-Molecule-Materials	Aug. 3, 2010~ Aug. 2, 2012	Tohoku Miyagi
NAIMI, S.  FRANCE	The study of the nucleosynthesis r-process from mass measurement with the MR-TOF Mass Spectrograph	RIKEN WADA, Michiharu Laboratory Head SLOWRI team	Nov. 29, 2010~ Nov. 28, 2012	Kanto Saitama
PADHY, S.  INDIA	Scattering of high-frequency seismic waves to image structural heterogeneity	The University of Tokyo FURUMURA, Takashi Professor Interfaculty Initiative in Information Studies	Jun. 10, 2010~ Jun. 9, 2012	Kanto Tokyo

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PETERS, R.  GERMANY	Magnetic Phases in the Hubbard model with orbital degrees of freedom	Kyoto University KAWAKAMI, Norio Professor Graduate School of Science	May. 1, 2010~ Apr. 30, 2012	Kinki Kyoto
QIN, J.  CHINA	Experimental and ab initio studies of transition metal borides at high pressure and high temperature	Ehime University IRIFUNE, Tetsuo Professor Center for Advanced Experimental and Theoretical Deep Earth Mineralogy	Jul. 26, 2010~ Jul. 25, 2012	Shikoku Ehime
RICHARD, S. C.  SWITZERLAND	Study of wave and scattering operators from the view point of operator algebras	University of Tsukuba ISOZAKI, Hiroshi Professor Graduate School of Pure and Applied Sciences	Aug. 1, 2010~ Jul. 31, 2011	Kanto Ibaraki
ROYDOR, J.  FRANCE	Operator algebras – A noncommutative functional analysis approach	The University of Tokyo OZAWA, Narutaka Associate Professor Graduate School of Mathematical Sciences	Oct. 27, 2010~ Oct. 26, 2012	Kanto Tokyo
SANDERS, S.  BELGIUM	New Frontiers in Reverse Mathematics	Tohoku University TANAKA, Kazuyuki Professor Mathematical Institute	Oct. 16, 2010~ Oct. 15, 2012	Tohoku Miyagi
SCHLAGENHAUF, A.  FRANCE	Active tectonics in Japan: fault geometry versus past ruptures – new dating methods for trenching	National Institute of Advanced Industrial Science and Technology AZUMA, Takashi Senior Researcher Active Fault and Earthquake Research Center	Apr. 1, 2010~ Mar. 31, 2012	Kanto Ibaraki
SCHMUDE, J.  GERMANY	Gauge/string duality with D-brane sources–Applications and new solutions	The University of Tokyo SUGIMOTO, Shigeki Professor Institute for the Physics and Mathematics of the Universe	Oct. 4, 2010~ Oct. 3, 2012	Kanto Chiba
STEFANINI, L.  ITALY	Higher structures in Poisson geometry and symplectic topology	Kyoto University FUKAYA, Kenji Professor Graduate School of Science	Sep. 15, 2010~ Sep. 14, 2012	Kinki Kyoto

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SUDARSANAM, T. R.  INDIA	Study of Space Weather related to Equatorial Spread-F from satellite and ground-based observaions	Kyoto University YAMAMOTO, Mamoru Professor Research Institute for Sustainable Humanosphere	Nov. 11, 2010~ Nov. 10, 2012	Kinki Kyoto
SWE, Y.  MYANMAR	Study in weathering properties of building stones as earth surface materials	Saitama University OGUCHI, Chiaki Associate Professor Geosphere Research Institute	Oct. 28, 2010~ Oct. 27, 2012	Kanto Saitama
TAFOYA, D.  MEXICO	The study of bipolar planetary nebulae through observations of water maser sources	Kagoshima University IMAI, Hiroshi Associate Professor Graduate School of Science and Engineering	Apr. 1, 2010~ Mar. 31, 2012	Kyushu Kagoshima
TALBI, A.  ALGERIA	Development of a Time-Dependent Probabilistic Seismic Hazard Model	The University of Tokyo SATAKE, Kenji Professor Earthquake Research Institute	Oct. 27, 2010~ Oct. 26, 2012	Kanto Tokyo
YU, L.  CHINA	Geometry and combinatorics in toric topology	Osaka City University MASUDA, Mikiya Professor Graduate School of Science	Apr. 6, 2010~ Apr. 5, 2012	Kinki Osaka
ZHONG, S.  CHINA	Analysis of nonlinear dispersive and wave equations with randomness	Kyoto University TSUTSUMI, Yoshio Professor Graduate School of Science	Aug. 20, 2010~ Aug. 19, 2012	Kinki Kyoto

# Regions

Hokkaido

Tohoku

Chubu

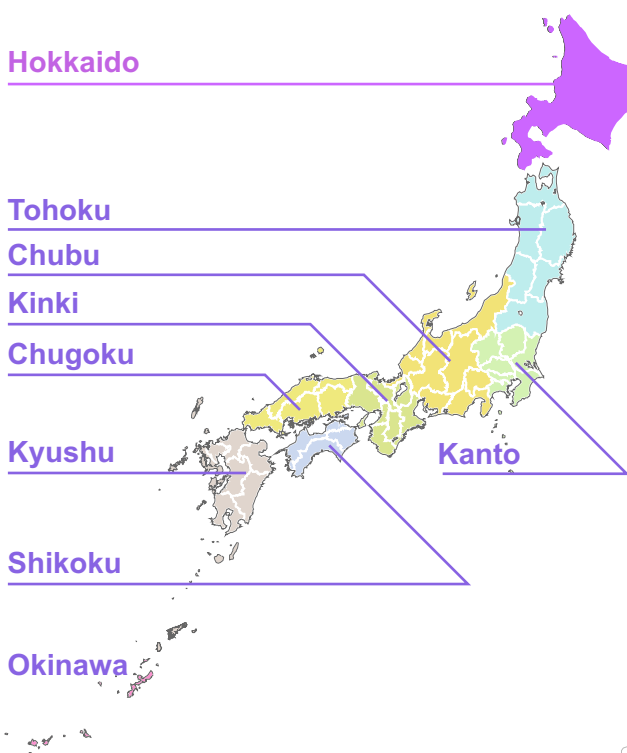
Kinki

Chugoku

Kyushu

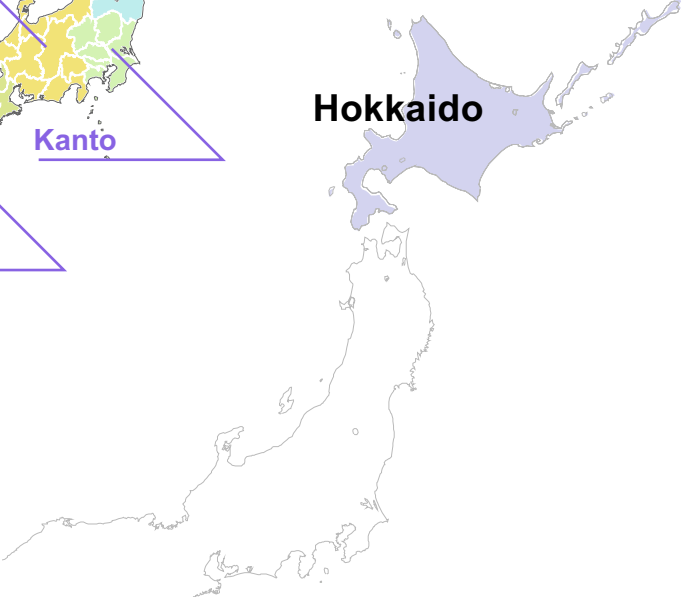
Shikoku

Okinawa



# Prefectures

Hokkaido



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Aomori

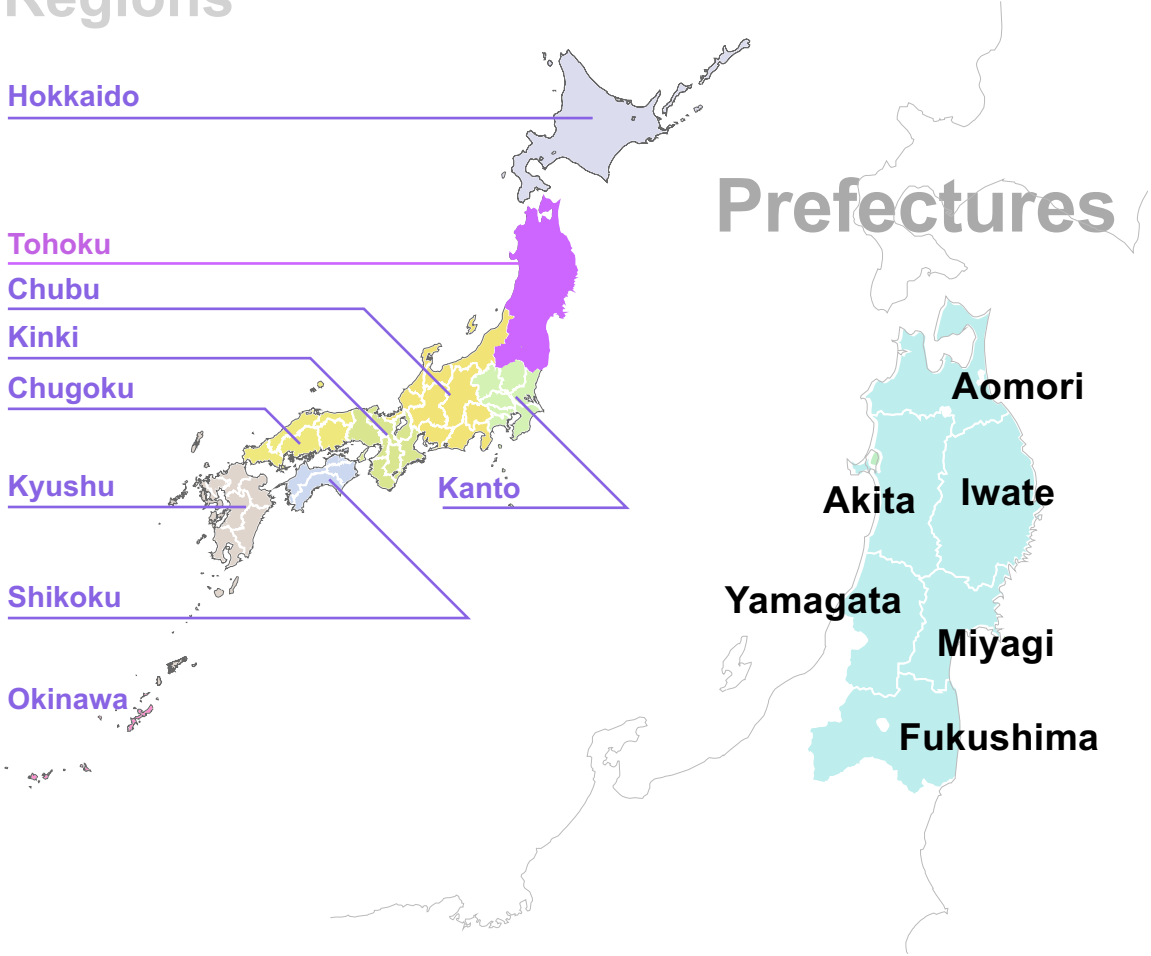
Akita

Iwate

Yamagata

Miyagi

Fukushima



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Gunma

Tochigi

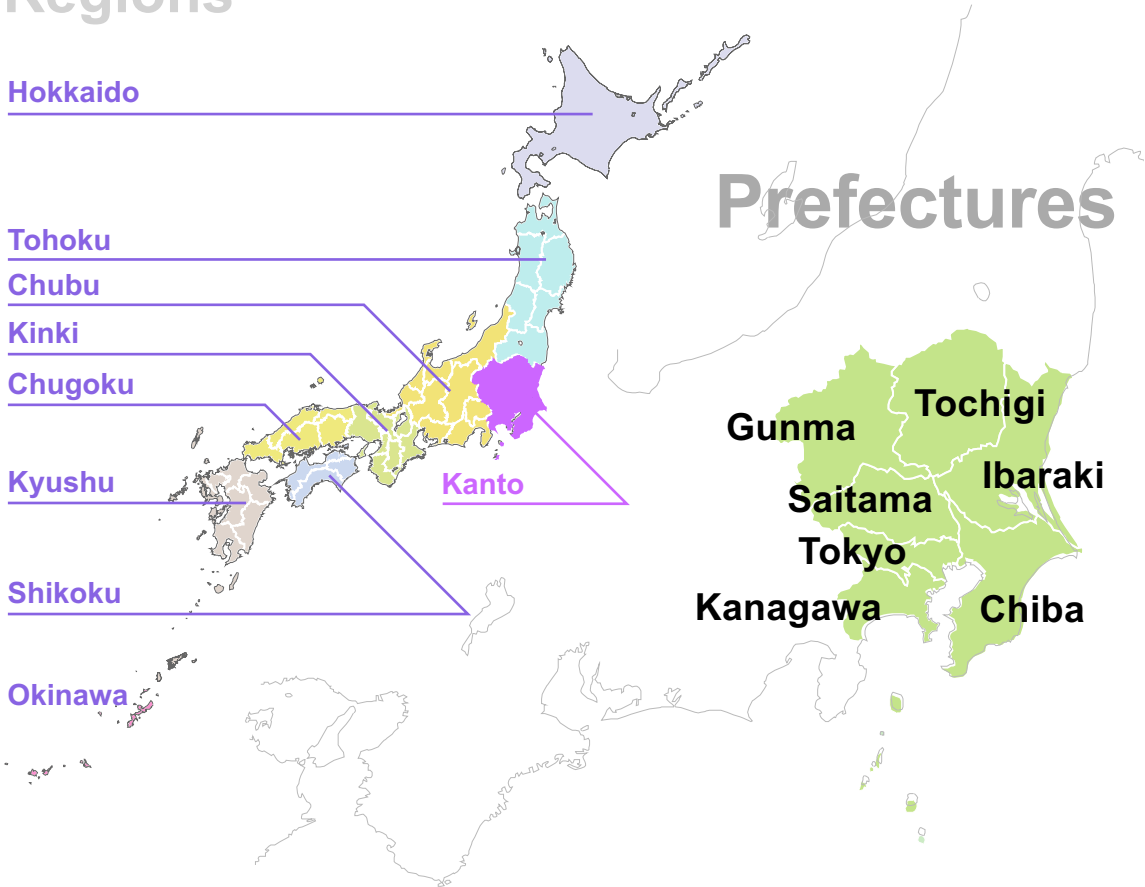
Saitama

Ibaraki

Tokyo

Kanagawa

Chiba



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Toyama

Niigata

Ishikawa

Nagano

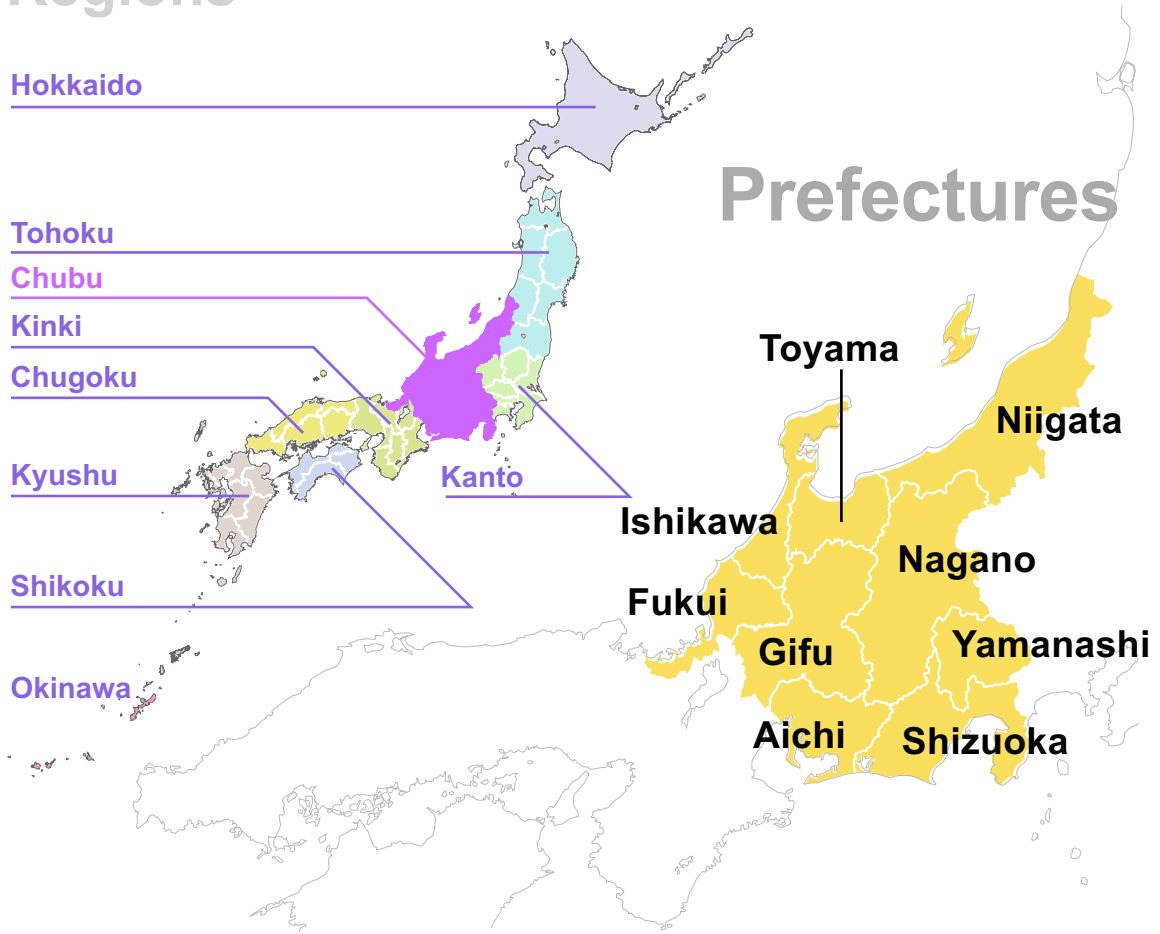
Fukui

Yamanashi

Gifu

Aichi

Shizuoka



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Kyoto

Shiga

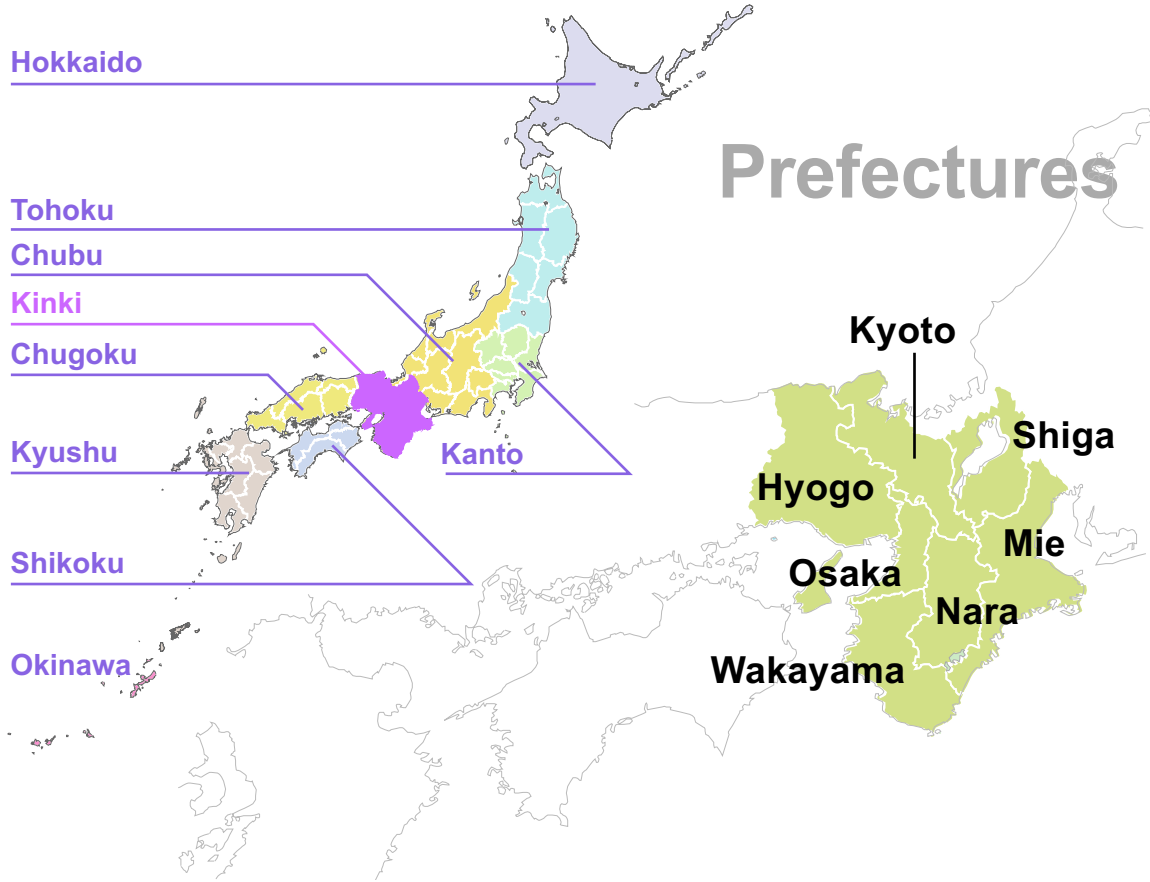
Hyogo

Mie

Osaka

Nara

Wakayama



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

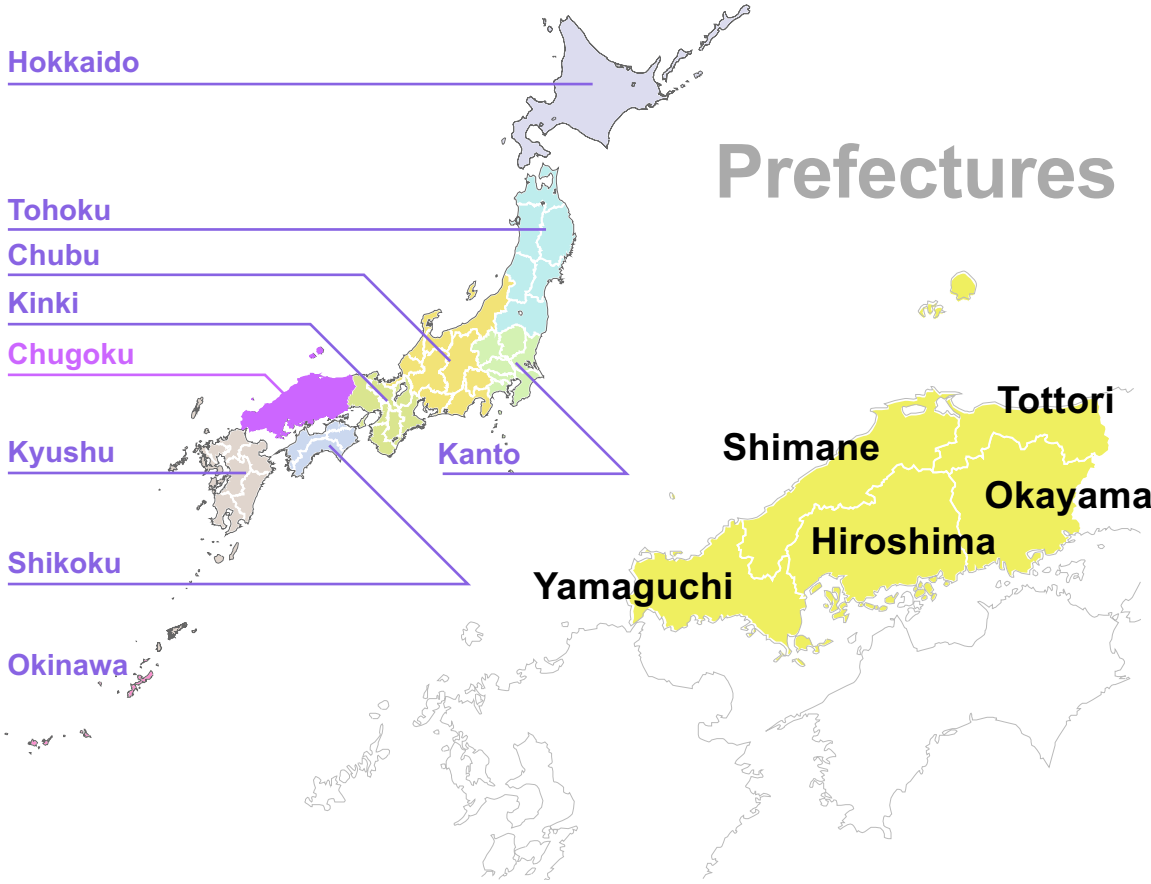
Shikoku

Okinawa

Kanto

# Prefectures

Shimane  
Tottori  
Okayama  
Hiroshima  
Yamaguchi



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

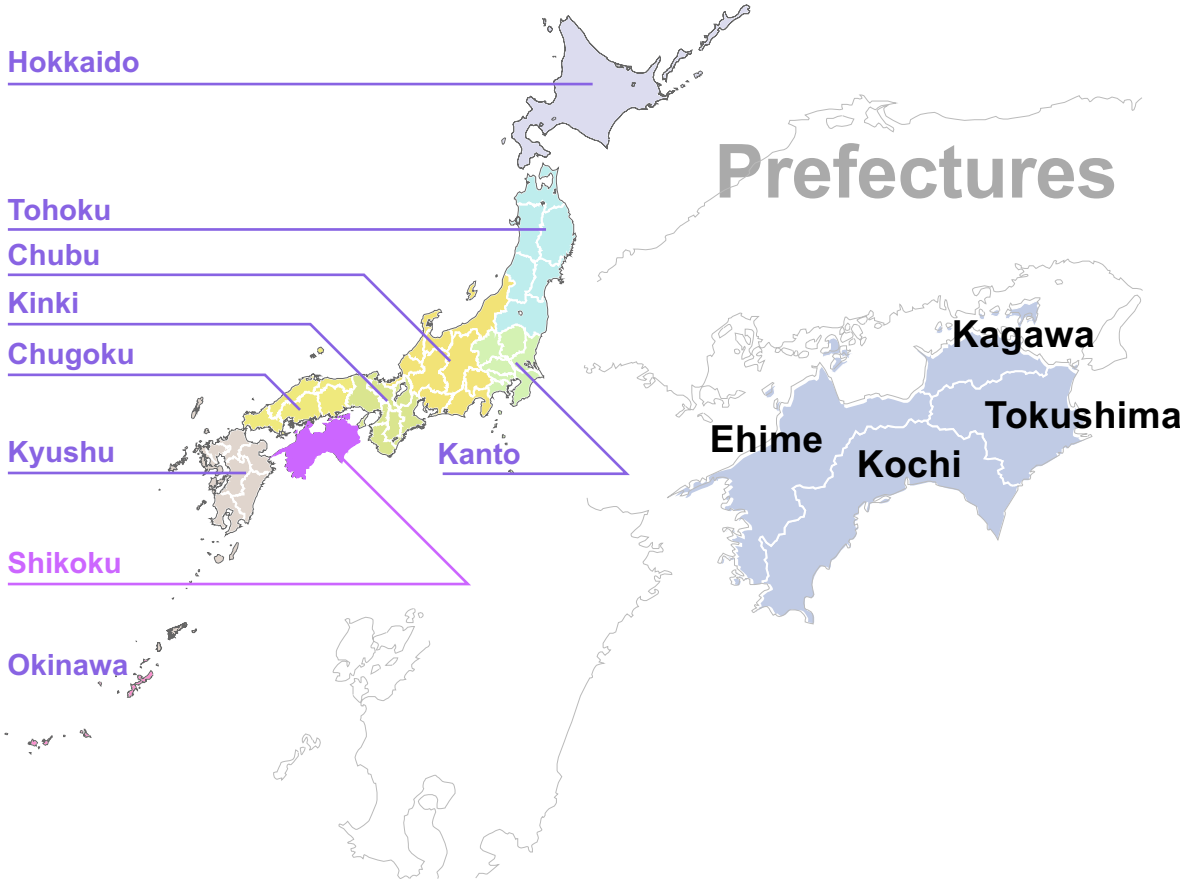
# Prefectures

Kagawa

Ehime

Kochi

Tokushima



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Saga

Fukuoka

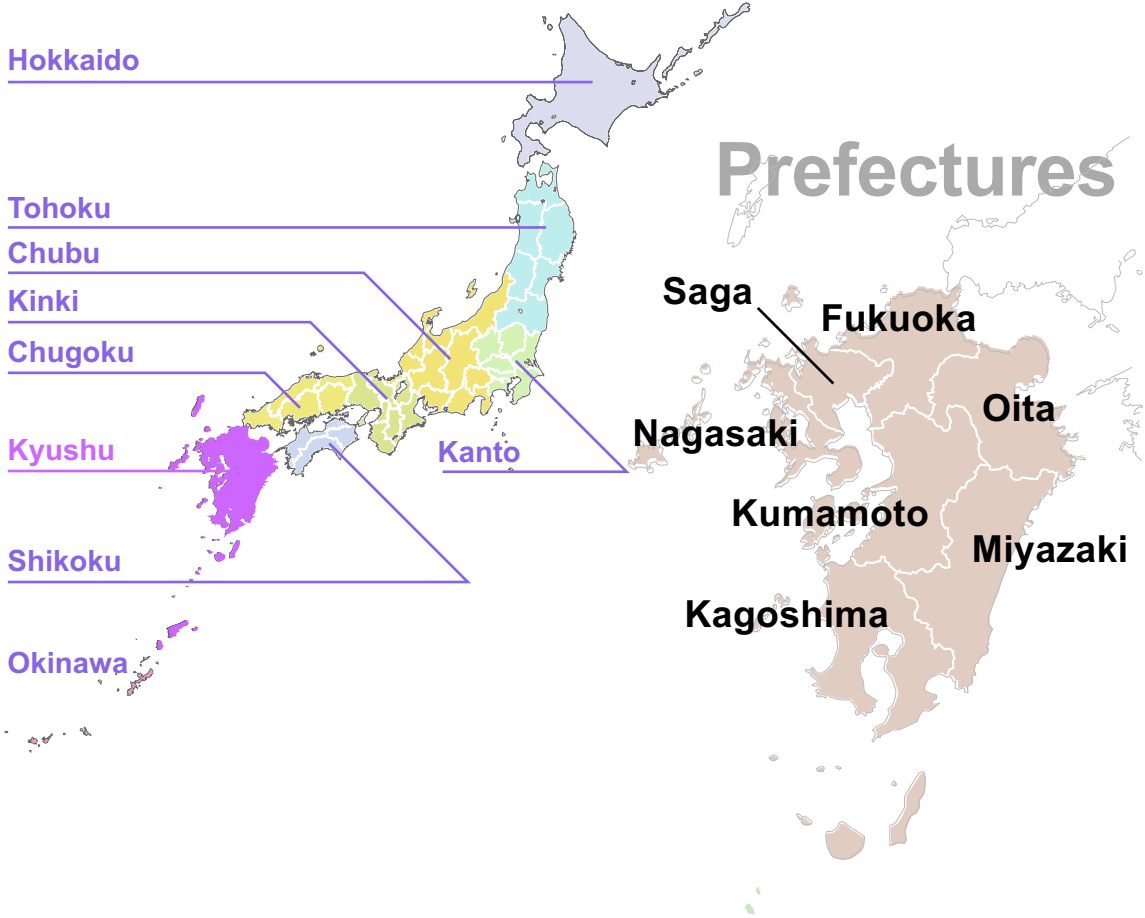
Oita

Nagasaki

Kumamoto

Miyazaki

Kagoshima



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Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

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Okinawa

