

Kyoto Prefecture Financial Profile and Fiscal Reforms







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Kyoto Prefecture:

An Introduction





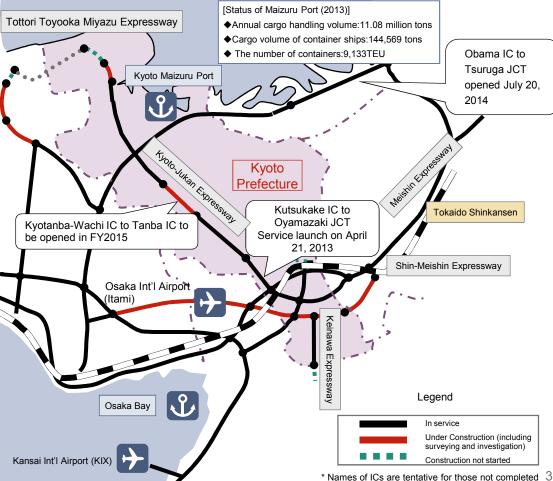
Overview of Kyoto Prefecture

- Kyoto Prefecture is ranked between number 10 and number 19 in population and economic sizes among all 47 prefectures of Japan
- In addition to the Meishin and Shin Meishin Expressways and JR Tokaido Shinkansen, which are major East-West routes, the Kyoto-Jukan Expressway and Keinawa Expressway cover North-South. These transportation routes support the economy
- At 75 minutes from the Kansai International Airport and 55 minutes from Osaka Airport, Kyoto is highly accessible by airport
- In preparation for the opening of all lines of the Kyoto-Jukan Expressway, efforts to present the appeal of central and northern Kyoto with their plentiful nature and history are underway, with the theme "Kyoto the Sea City"

Basic Facts	about Kyoto	Prefecture

Area	4,613km²	31 st	2012
Population	2.63 million people	13 th	2012
Prefectural GDP	¥9,845.6 billion	13 th	FY2011
Prefectural Income per Capita	¥2.87 million	12 th	FY2011
Manufacturing Value Added Workplaces with 10 or more employees	¥1,625.1 billion	19 th	2012
Annual Retail Sales	¥3,022.5 billion	12 th	2007

Kyoto Prefecture Transportation Network

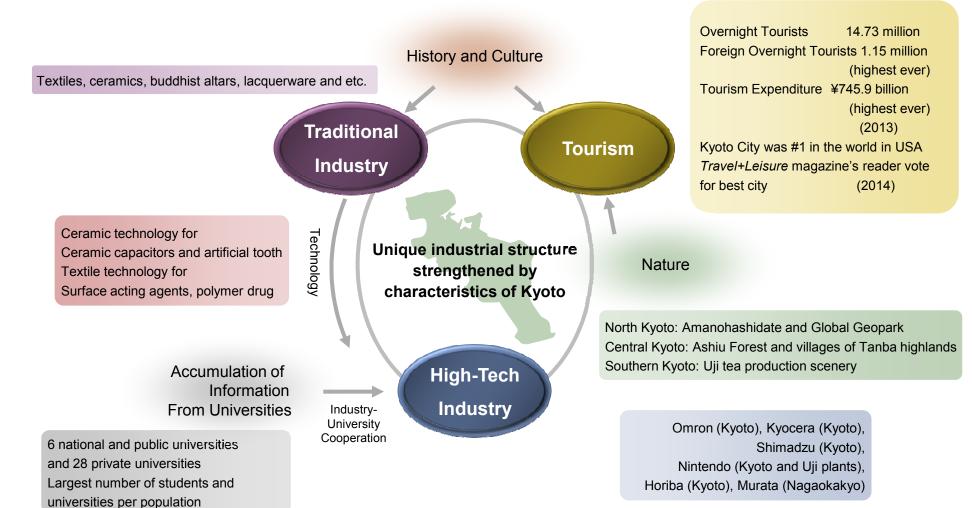




Kyoto's Unique Industries



■ Kyoto economy is strengthened by tourism and traditional industry based on 1,200 years of history and culture as well as high technology industry, all of which creates value-added products



Kyoto Firms Creating High Added Value



- Kyoto-based manufacturing industry holds a significant market share in Japan in a wide range of products, supported by Kyoto's unique strength in technology
- With many companies running profitable businesses with their own technology, Kyoto ranks 8th in Japan in its corporate taxable income

Kyoto Shipment

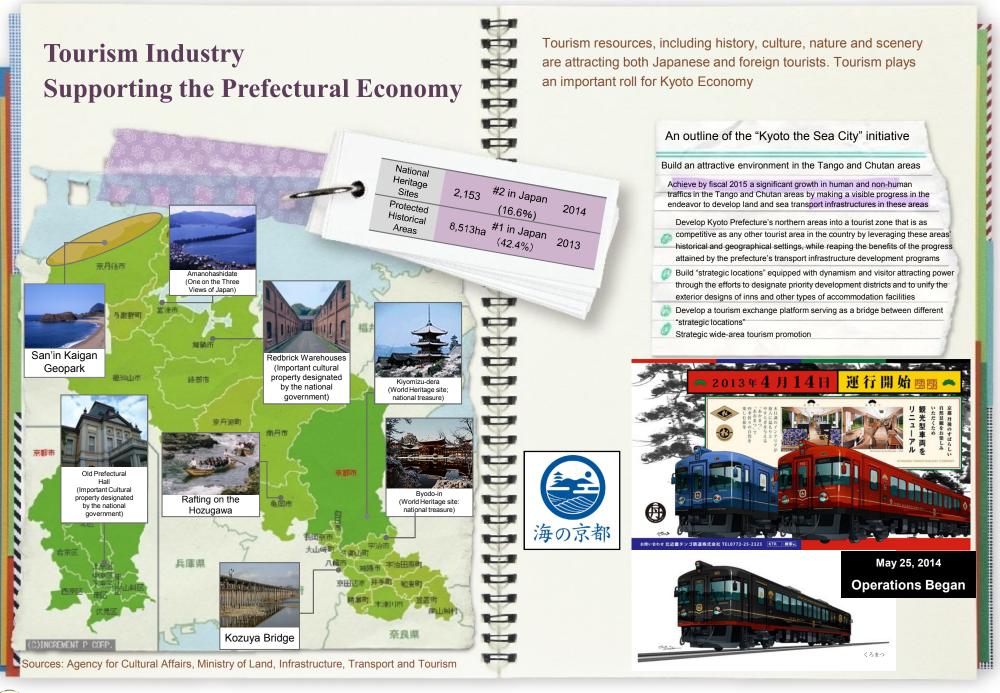
Industry	ltem	Shipments	Ranks
	Pollution measuring instrument	¥20 billion(59%)	1 st
Advanced	Spectral photometer	¥11.6 billion(49%)	1 st
Technology &	Other analyzing equipment	¥45.2 billion(46%)	1 st
Research Equipment	Physical, chemical machinery and appliances	¥18.9 billion(23%)	1 st
_4	Medical X-ray apparatus	¥20.6 billion(11%)	3 rd
	Semiconductor, IC tester	¥11.4 billion(7%)	3 rd
Printmaking	Plate making machine	¥12.3 billion(71%)	1 st
& Printing	Prints excl. paper	¥60.3 billion(9%)	2 nd
Traditional	Ready-made kimono, obi	¥6.1 billion(40%)	1 st
Craft	Chirimen textile	¥3.5 billion(79%)	1 st
Food	Sake	¥60.1 billion(15%)	2 nd
& Beverages	Japanese confectionery	¥38.7 billion(7%)	1 st

Source: METI: FY2012 industry statistics (domestic market share in %)

Corporate Taxable Income by Prefecture

Donk	Duefeetuus	Tayabla In	oomo (Vissil)	Number of					
Rank	Prefecture	i axable ili	come (¥mil)	Firms	Rank				
1	Tokyo	1	6,523,033	546,471	1				
2	Osaka		3,710,716	223,136	2				
3	Aichi		2,198,089	155,581	4				
4	Kanagawa		1,106,799	173,996	3				
5	Hyogo		838,976	96,408	8				
6	Fukuoka		759,777	90,836	9				
7	Saitama		695,435	127,360	5				
8	Kyoto	\wedge	646,464	55,261	12				
9	Chiba		643,749	101,528	7				
10	Hokkaido #1	2 in Number of Firms	592,123	113,246	6				
11	Shizuoka #	8 in Taxable Income	549,084	75,059	10				
12	Hiroshima		498,868	60,192	11				
13	Gunma		342,744	41,350	17				
14	Niigata		313,568	43,071	15				
15	Okayama		310,761	38,671	20				
Sources: National Tax Agency (avg. of FY2008-2012)									







The Vision for Kyoto Prefecture





Long-Term Vision and Medium-Term Plan of "The Kyoto of Tomorrow"



- The Kyoto of Tomorrow, new guidelines for the administration of Kyoto Prefecture, started in January 2011
- The long-term vision specifies where Kyoto's society is heading 10 to 20 years from now, and the medium-term plan outlines the basic strategy for the next four to five years.
- Under the medium-term plan, targeted levels, i.e., benchmarks are set and initiatives will continue to be taken to "Leverage the Strengths of Kyoto" and meet other objectives. (As the mid-term plan and local stimulation plans will end in March 2015, the plans will be modified during FY2014)



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3 Paths for Achieving the Long-Term Vision

- Rebuild the security of residents
 - → Build Kyoto where everyone can live securely
- Achieve regional co-existence and cooperation
 - Build Kyoto in which society is held together by the bonds of trust, relationship and cooperation
- Leverage the Strengths of Kyoto
 - → Build Kyoto where lifestyle, industry and regional growth are a reality

Structure of the Medium-Term Plan

The medium-term plan describes (1) the current situation, issues and approaches, (2) the mission, (3) objectives (benchmarks), and (4) concrete solutions for 17 action areas in accordance with the 3 paths of the long-term vision.

		Excerpts from the Medium-Term Plan: Related to Leveraging the Strength of Kyoto								
Human Resources Contributes to a [Numerical target universities and a To 1,500 from 1,1 Create beautifu natural living et [Numerical target	of-the–art academic research that the world and other initiatives t] The number of patent registrations by research industries in Kansai Science City: 43 (up 30%) Il urban environments and views as well as nvironments, and other initiatives t] The number of registration of Kyoto cape assets: to 30 from 13 (one or more	Industrial Innovation / Small and Medium Businesses	 ■ Cultivate brand industries by leveraging features of Kyoto [Numerical target] Real GDP growth rate: Increase from current 1.27%							
each in all munic Promote Kyoto to experience it [Numerical target	culture by creating opportunities for people to an other initiatives The number of visitors to prefectural per year: 1.8 million from 1.243 million (up	Mobility, Communication & Exchange	 Establish Kyoto as a center of cultural and academic research [Numerical target] The number of research institutes in Kansai Science City: to 75 from 60 (up 25%) Have excellent human resources of the world gather in Kyoto, and other initiatives [Numerical target] The number of international conferences held in the prefecture per year: Staying at 187 (record high in the past 10 years) 							

Supporting SMEs and Agriculture, Forestry and Fishing



SME Escort Runner

- **♦** Kyoto Economic Gardening
 - **OProviding close-up escort-type support**
 - OTotal support from Monozukuri \rightarrow Mass production \rightarrow Sales
 - OCollaboration and cooperation taking advantage of Kyoto's strengths and relationships
- ◆ SME Support Act (Established in 2007, partially revised in 2012)

Support based on stage of growth of the company, <u>supporting everything from stabilizing operations to expanding growth</u>, to grow SMEs in the prefecture

OSME Support Team Visits 50,000 at 30,000 companies (2013)

Stimulating Agriculture, Forestry and Fishing

New Agricultural Workers



OAgriculture corporations with annual sales of 100 million or more

(2012) (2013) 47 51 152 130 82

ONew farm operators and laborers

52 🧪 177

Improving Brand Strength

OCertified "Fresh Kyoto Vegetable" stores in Tokyo area 16



2009 2010 2011 2012 2013



Encouraging Business Investment



Based on the <u>Kyoto Prefecture Act for Employment Stability and Creation and Stimulation of Local Economy by Encouraging Businesses to Operate from Kyoto,</u>

implement the assistance by reducing taxes, providing grants and loans

- (1) Monozukuri industries (manufacturing, natural science laboratories, communications, plant factory, etc.)
- (2) Specified industries (movie and video industry, logistics industry)



[Period: April 1, 2002 to March 31, 2017]

Attracting Companies to Kyoto (April 2002 to August 2014)

Companies attracted to Kyoto 231

Of those, companies that began operations 177

Employment by 171 Companies that began operations by end of FY2013

Locals employed at new factories 4,223

<Recent Examples>

- Suntory May 2015 New laboratory (Science City)
- Taiko Pharmaceutical April 2016 New Kyoto plant (Science City)
- •Nisshin Healthcare Food Service October 2015 New Kyoto plant (Kameoka)
- •Horiba Stec January 2014 New laboratory (Fukuchiyama)
- •Kyocera October 2015 Expand Ayabe plant (Ayabe)
- •Sumitomo Riko (former Tokai Rubber) April 2015 New Kyoto plant (Ayabe)

Economic ripple effect by 171 Companies that began operations by end of FY2013

Prefectural economic ripple effect ¥844.9 billion

*Estimate based on 2005 Kyoto industry figures

*Based on employment aid grants

Employment including indirect employment approx. 41,000 people



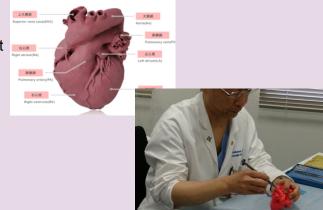
Designation as Special Economic Zone



Kyoto Proposal for Special Economic Zone

Change social structure in Japan and globally for a society with safe, healthy and long lives!

- O 3 kinds of innovation
 - (1) Preventative/pre-emptive healthcare
 - (2) Cutting-edge medicine and medical equipment, such as regenerative treatment
 - (3) Healthy society assistance system
- O Create an environment for the fastest turnaround from research to business implementation
- O Accelerate through cooperation within Kansai
- O International expansion of Japanese innovation
- → With universities as the foundation, make Kyoto a center for international innovation in healthcare and life!





May 1, 2014 Kyoto designated as Special Economic Zone!



Keihanna Open Innovation Center @Kyoto (KICK)

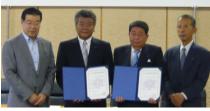


- O Given to prefecture from national government in April 2014, by revision of laws
- O First certification by Research Utilization Project (September 4, 2014) *Two parties will start R&D next FY (Kyoto College of Graduate Studies for Informatics, Telenet Japan)
- O Joint research project with industry and academia (Kyoto University and Kyoto government panel system)

Create a center for international open innovation

Research to develop next-generation lifestyle

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First certification by Research Utilization Project

Accumulation and sharing of health data for next generation medical research

Open labs with researchers from Japan and abroad

Wireless charging

New nanotech materials

Use ICT base

Miniature laser driven particle beam cancer treatment

Expand to

global market

Robot demonstration

Next generation housing and agriculture with energy conservation features

Life / E

Energy & ICT

Creation of Next-Generation Smart City

Culture & Education

Agriculture

Cultural property repair center

Cultural artifact archive

Cultural artifact evacuation site in case of disaster







Support for Youth Regular Employment by Kyoto Job Park



Together with the Kyoto Youth Hello Work established in April 2014, counselors assigned to each individual and there is also support with **both national and prefectural options** for developing basic job skills, deeper understanding of regular employment, matchmaking, and support after finding a job.



First in Japan!
Joint support
by JP and HW

Job Park (JP) and Hello Work (HW) counselors jointly support an individual job seeker with **the new Pair Support system**

With the JP counselor providing primary support, the HW counselor helps with their specialties, such as choosing a job type

Kyoto JP College

A la carte training in job skills that companies look for when hiring

JP Seminars

Regular Employment Seminars Job-hunting Skill Improvement Seminars Job-hunting groups

Two-level Matchmaking

[HW] Provide specific job opportunities to individuals who have never experience regular employment

[JP] Hold company explanation sessions for each company weekly

Periodic Support for Becoming Established

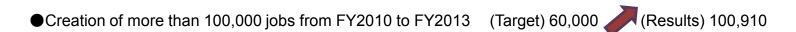
- Consultation available at all times after finding work
- Visit workplace after 1 month of employment
- Confirmation periodically after 3 months

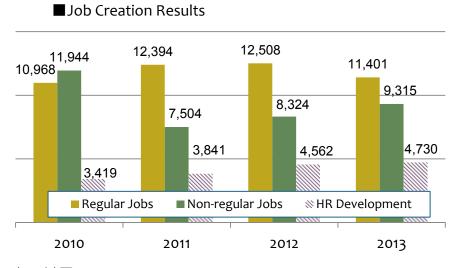
Total support to bring about long-term, regular employment for youth

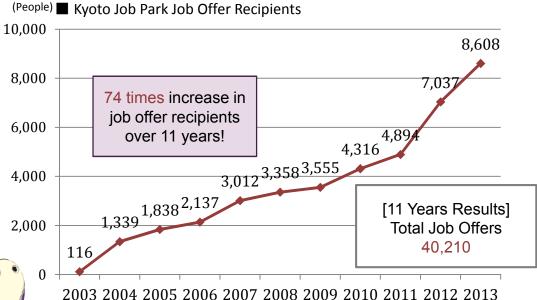


Employment Measures Results

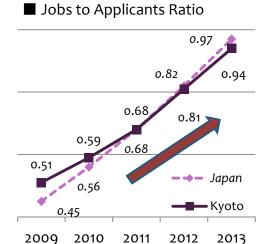


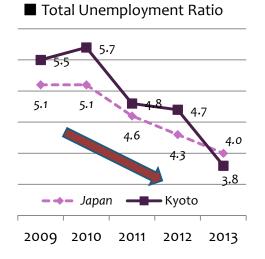






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Create an energy self-sufficient Kyoto

Kyoto Environmental/Energy Strategy



Society that doesn't rely

on nuclear

energy

Stable energy supply

Developed in May 2013

Kyoto

Ш

nvironmental/Energy

Strategy

2014 Measures

2020 Target

2030 Target

Strategy

New energy/electricity conservation society through use of ICT

OKyoto FEMS Promotion

- OCitizen Negawatt Generation Promotion (HEMS-BEMS)
- OSummer power saving measures, etc.

Max Demand 150 to 170 MW reduction

Annual power usage 2.5 billion kWh decrease

Renewable **Energy** 200 to 250 MW

increase

Renewable energy annual production 3 billion kWh

Cogeneration. etc. 30 to 50 MW increase

Cogeneration energy annual production 1.8 billion kWh

Strategy

Maximize use of renewable energies

OMini-Solar Generation Support for Citizen

OSmart Eco House Support

ORenewable Energy Promotion Code (tentative), etc.

Strategy

Stable energy supply for citizen life and industrial activity

- OSea of Japan Marine Energy Resources Development
- OAttracting natural gas power plants, etc.

Strategy

Building smart communities with local flavor (Prefectural expansion of Keihanna test case)

OKeihanna e2 Future City Promotion

OKyoto Smart City Expo 2015, international symposium

Strategy 5

Developing and promoting Kyoto environmental and energy businesses

OSupport for Kyoto businesses' entry into green innovation market OCreation of wood biomass industry

- Create future energy city Create smart community
- Support technological research and creation of new industries



Kyoto Energy Self-Sufficiency

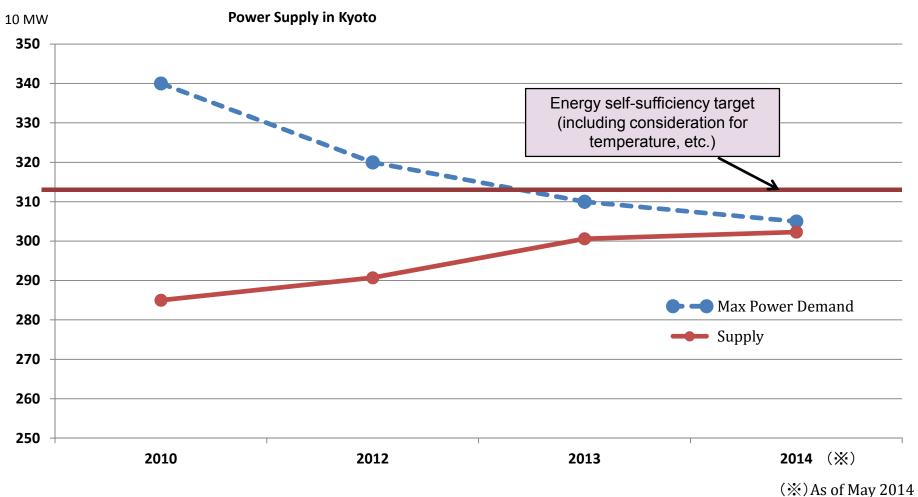


The supply of renewable energy has increased 1.9 times

(2010: 150,000 kW



May 2014: 283,000 kW)





Current Financial Profile and Fiscal Reforms



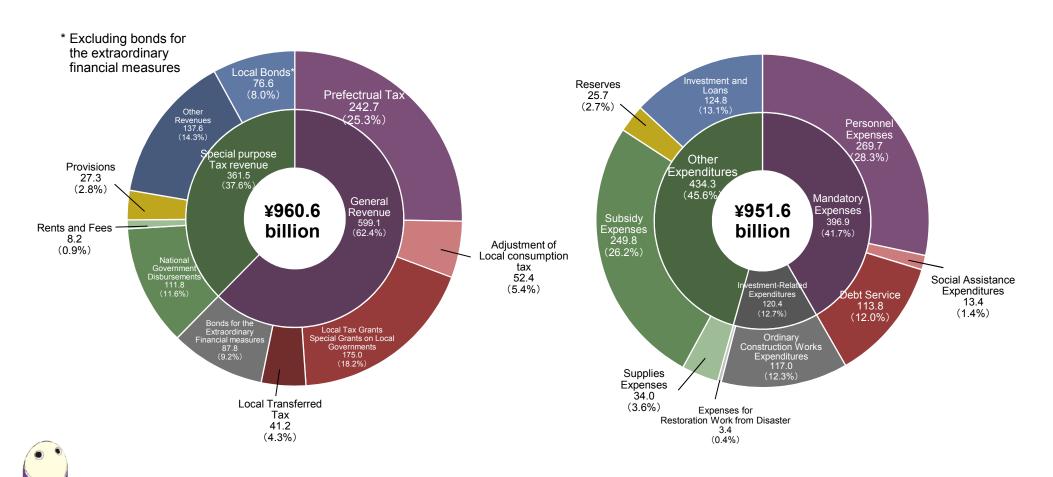


General Account: Annual Revenues and Expenditures Structure



- General revenue sources accounts for over 60% of overall revenues in FY 2013 despite severe economic conditions
- Mandatory expenses (e.g. personnel expenses, debt service) accounts for over 40% of overall expenditures. Kyoto government intends to further decrease such expenses

FY2013 General Account



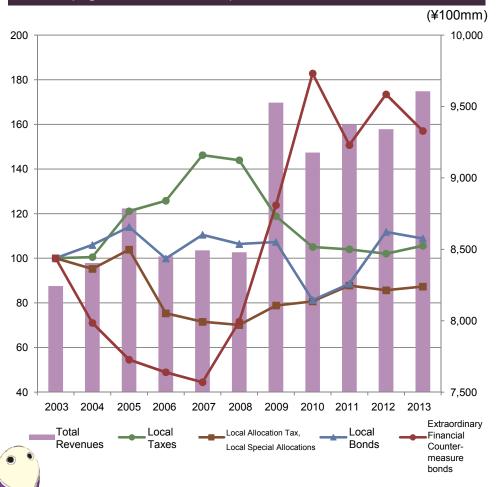
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General Account: Changes in Expenditures and Revenues



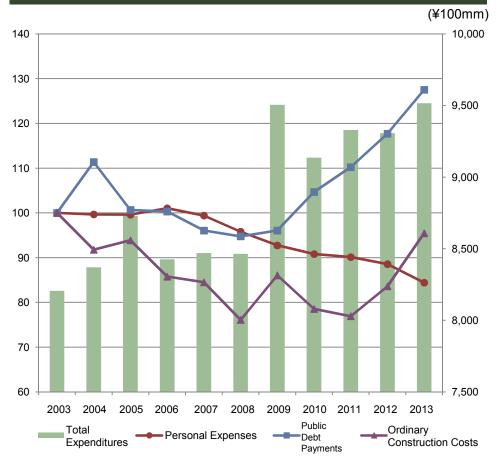
- Although the weak economy led to a reduction in tax revenues and an increase in extraordinary financial countermeasures bonds, the full amount of redemption of principal and interest of extraordinary financial countermeasures bonds is covered by the local allocation tax
- In social capital investment, etc., an appropriate balance is being sought between outstanding prefectural debt and tax revenue, etc.
- Efforts to reduce personnel expenses are being maintained

Change in Revenues and Major Revenue Sources (Figure in 2003 as 100)



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Changes in Expenditures and Major Expenditure Items (Figure in 2003 as 100)



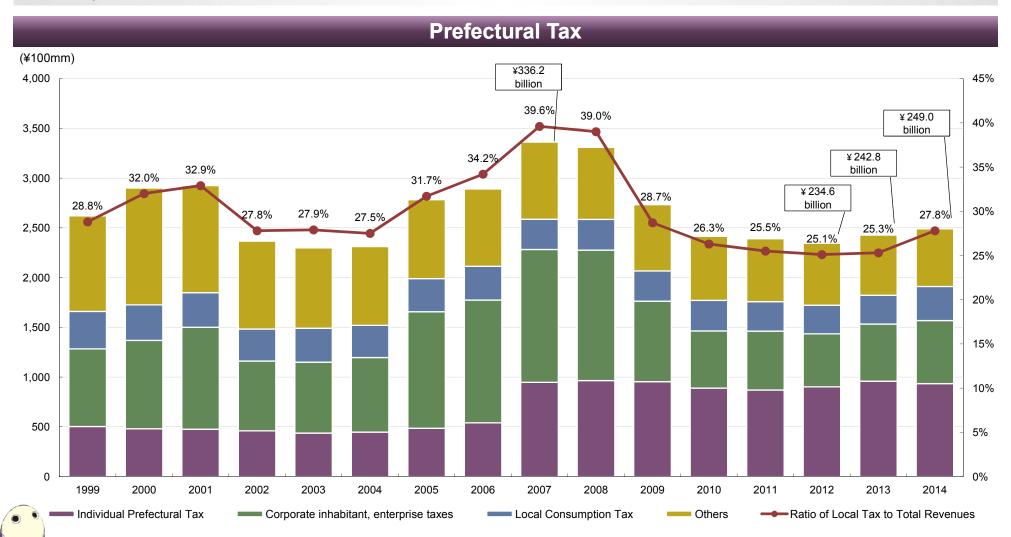
Prefectural Tax Revenues



■ Tax revenue had been decreased from the economic slump, but it increased as of the end of fiscal year 2013.

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■ In the initial budget for FY2014, the forecast for prefectural tax revenue was to further increase due to economic recovery and increased consumption tax.



Fiscal Reforms



Sound Public Finance Guideline (FY1999 to FY2003) → Target ¥65 billion, ¥67.7 billion balance improvement

Management Reform Plan (FY2004 to FY2008) → Target ¥50 billion, ¥59.7 billion balance improvement

Citizen Satisfaction Maximization Plan (FY2009 to FY2013) → Target ¥60 billion, ¥78.1 billion balance improvement

- While severe fiscal conditions continue, limited human, financial and infrastructure resources concentrated to maximize the satisfaction of residents
- Based on the needs of residents, streamline programs and enhance regional cooperation
- Simplified work process, human resource development to enhance strengths, and continued **Government Debt Program** (2006-) to decrease public debt and normal construction costs, led to meeting the goal of decreasing outstanding prefectural debt in FY2013, excluding emergency financial measures costs

Plan to Maximize Citizen Satisfaction and Gather Strength in Kyoto (FY2014 to FY2018)

- Evolve cooperation and collaboration between citizens, companies, NPOs and others, to gather strength in Kyoto as a whole with public and private cooperation, and further expand comprehensive services for citizens
- Eliminate unnecessary work, and have each employee strive to develop superior services for citizens, throughout the prefecture as a whole
- Strategic maintenance and management of public facilities to lower costs and optimize prefectural debt issued, as well as finding new investment resources
- To make finances sustainable, stimulate local economies with social capital investment to increase tax revenue, and realize an appropriate balance with outstanding prefectural debt and tax revenue that make up the social capital stock

[Outstanding prefectural debt target]

Outstanding prefectural debt (excluding emergency financial and disaster related costs) — Prefectural debt management fund

→ Estimated ¥40 billion fiscal effect



A "project based on opinions solicited from Kyoto Prefecture residents" that is aimed at achieving improved resident satisfaction

- Established in fiscal 2009 a "resident participation-type" public works project. This was a project based on a process to determine project spots through soliciting opinions publicly from Kyoto Prefecture residents concerning local spots they believe should be rectified, on the basis of their daily observations and routine discoveries
- This project was aimed at "achieving higher interest of Kyoto residents in public works project," at "fulfilling explanation responsibility for Kyoto residents" and at "attaining increased satisfaction of Kyoto citizens"

A new local community opinion-driven municipal public works project of the first of its kind in Japan

Local infrastructure renovation and repair works that can bring about a greater sense of safety and security as well as improved scenic beauty

Eliminate road bumps Repair paved roads Install guardrails and fall prevention facilities

Install traffic lights Take rock fall preventive measures

Repair river embankments and river walls

Replace or repaint safety facilities such as road lights and guardrails

Over 8,000 applications from FY2009 to FY2013

An example of specific resident proposal

<Before installation>



Gratings were installed on a street with little sidewalk width



<After installation>

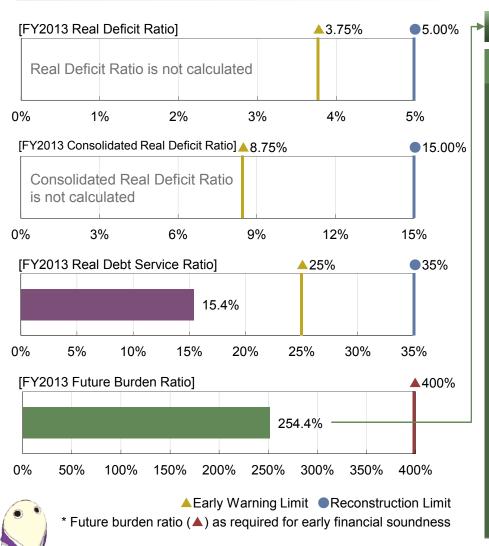




Four Financial Soundness Indicators



- All indicators are well below the limits for fiscal reconstruction and early financial soundness set by law
- Kyoto will step up efforts to maintain fiscal health in the future



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Calculation of Future Burden Ratio

ltem	Amount (¥1mm)	Notes
Outstanding local government bonds	1,967,689	Current balance of local government bonds including bonds to be redeemed in full at maturity
Planned expenditures for debt burden	4,810	Part of budget to be allocated to public debt payments as debt burden
Est transfer from public corp bonds	36,346	Estimated funds to be transferred for redemption of local government bonds related to special accounts (non general account)
Est share for unions		N/A
Est retirement bonus burden	235,123	Estimated retirement allowances assuming voluntary retirement by all employees at the end of previous fiscal year
Est share of established corporations' liabilities	19,424	
Local Roads Public Corp	0	Estimated burden of Roads Public Corp. loan balance debt
Land Development Corp	0	Estimated burden of Land Development Corp. debt
Quasi-sector, etc.	19,424	Estimated share of indemnities for quasi-corps
Quasi-sector, etc.	0	Real deficit on a total accounting basis
Est unions' consolidated real deficit burdens		N/A
Future Burden (A)	2,263,392	
Allocable funds	134,324	Allocable funds to local government bond redemption from balance of all funds
Allocable special revenue	34,462	Special revenue (e.g. publicly-managed housing fees) allocable to redemption resources for local government bonds
Est in standard fiscal demand	961,117	Estimated funds gained by multiplying to ratio of regular local allocation tax by prefectural bond balance
Allocable fiscal sources(B)	1,129,902	
Numerator (A-B)	1,133,490	

Prefectural Bond Issuance Operation



Characteristics of the Issuance Operation



Kyoto Prefecture conducts bond issuances in dialogue with the market

Public bonds to be underwritten by syndicates are issued basically in June, September, December and March

- As for 5-yr and 10-yr bonds, issuance is initially scheduled in order to help develop Annual financial plan
- The number of issues increased on demand from investors

~ FY2010: 3 issues/year → FY2011~: 4 issues/year

Kyoto holds separate meetings with individual investors

Meetings are held for individual investors for better understanding in Kyoto's fiscal situation

FY2009: 8 meetings \rightarrow FY2010: 24 meetings \rightarrow From FY2011, 50 per year on average

Kyoto steps up efforts to improve products

Kyoto has been stepping up efforts to meet investors' demand for new issuance conditions

Utilized a flexible issuance facility to issue a 10-year and 15-year municipal bonds in April 2013, and a 7-year, 10-year and 15-year municipal bonds in October 2013, respectively (FY2013)
Utilized a challenge issuance facility to issue 20-year irredeemable bonds in November (FY2013)

Utilized a flex issuance facility to issue 5-year and 15-year bonds in April and 15-year and 20-year irredeemable bonds in October (FY2014)



Past Results and Future Plans

- During fiscal 2014 as well, Kyoto Prefecture will continue to issue a 5-year, 10-year and 20-year municipal bonds, respectively, as nationwide-type bonds to be offered publicly in the market
- In April 2013, issued the first lead underwriting bonds of the prefecture with 15 year term, then 7 year bonds in October and 20 year irredeemable bonds in November.

(¥100mm)

												(1.100111111)
April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
		200			100			100			100	500
				25								25
						100						100
100		200			100	100		100			100	700
100						100						200
				200		(Fixe	100 ed time reder	mption)				300
100	50	50	100	50	50			50	50	50	50	600
300	50	450	100	275	250	300	100	250	50	50	250	2,425
April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
100		200			100			100			100	600
					25							25
		200			25 100			100			100	25 500
100		200				100		100			100	
100		200		200	100	100 100 ed time rede	emption)	100			100	500
100	50	200	100	200	100		emption)	100	50	50	100	500
	100 100 100 300 April	100 100 100 50 300 50 April May	100 200 100 200 100 50 50 300 50 450 April May June	100 200 100 100 50 50 100 300 50 450 100 April May June July	200 25 100 200 100 200 100 200 100 200 100 50 50 100 50 300 50 450 100 275 April May June July Aug.	200 100 25 25 100 200 100 100 200 100 200 200 200 100 50 50 100 50 50 300 50 450 100 275 250 April May June July Aug. Sept.	200 100 25 100 100 100 100 100 100 100 100 100 200 (Fixed to the property of the property	200 100 25 100 100 100 100 100 100 200 100 200 (Fixed time redernment of the property of the	200	200 100 100 100	200 100 100 25 100 100 200 100 100 100 100 100 100 100 100 200 100 100 100 100 50 50 50 50 50 100 50 50 50 50 50 300 50 450 100 275 250 300 100 250 50 50 April May June July Aug. Sept. Oct. Nov. Dec. Jan. Feb.	200

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Contact Information



Finance Division, Department of General Affairs, Kyoto Prefecture

TEL 075-414-4415

FAX 075-441-7308

Tomohiro Sato

t-sato05@pref.kyoto.lg.jp

Yoichiro Kobayashi

y-kobayashi40@pref.kyoto.lg.jp

http://www.pref.kyoto.jp/zaisei/index.html



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