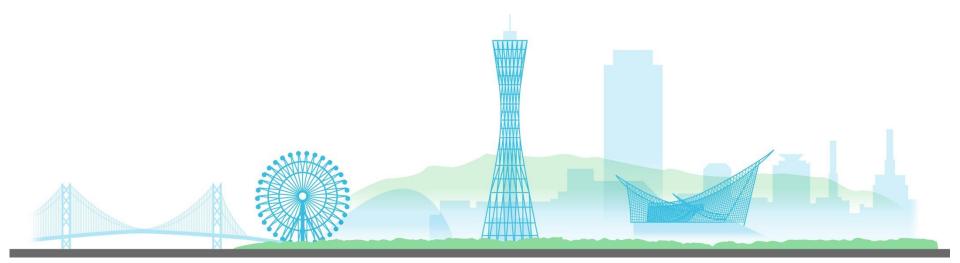


# City of Kobe Investor Relations Materials

December 2016





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1. Summary of Kobe City

## Summary of Infrastructure



- Kobe has 9 administrative districts and all modes of transportation (land, sea and air routes) are available and interlinked.
- Kobe City is surrounded by nature such as Mt. Rokko in the northern part, and port of Kobe and Kobe airport in the southern part.

#### **Profile**

Kobe's Yuru-chara "Kobear"

- 557.02km Area
- Population 1,535,037 (As of Apr 2016)
- 707,003 (As of Apr 2016) Households
- 16.7°C Average temperature









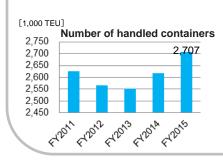
Kitano Ijin-kan

Night view from Rokko Maya

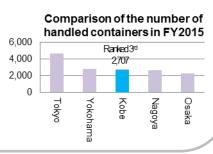
Kobe Oji zoo

### Port of Kobe

- One of the best container ports connected to the ports around the world
- Selected as an international container strategic port in the name of "Hanshin Port" together with Osaka Port
- 2017 is the 150th anniversary







### **Transportation**

#### Highways

**Broadly Covered by** Hanshin, Sanyo, Chugoku, Kobe-Awaji Expressways

### Railway

JR, Private Railways, Subways, New transport systems, etc



### **Kobe Airport**

- · Connecting 6 cities(e.g. Tokyo Haneda, Sapporo Shin-Chitose, Okinawa Naha) nationwide
- Access: 18minutes from Shin-Kobe
- Celebrated10th anniversary in Feb 2016





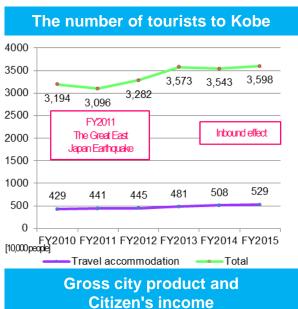
Ranked 15th among 97 domestic airports for No. of Passengers by Airport (Domestic flights)

 ★Ranked 1<sup>st</sup> among 65 locally managed airports

## Summary of Lifestyles / Economy



- The number of tourists recorded the highest in FY2015 due to the inbound effect (tourist from foreign countries) etc.
- The problem is that most of students move out to work after their graduation even though there are a lot of universities in the city.
- Product exports: 6th among the government-designated cities (food stuffs: 1st among the government-designated cities).



2,938

FY2012

Citizen's income per capita GNP per capita

Growth rate of GDP

Growth rate of gross city product

3,200

3,000

2,800

2,600

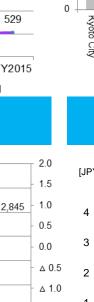
2,400

2.200

2.000

[JPY 1.000]

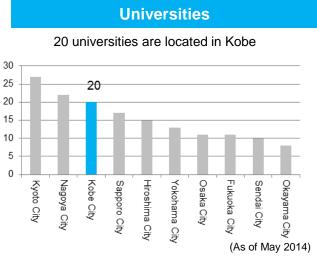
FY2011

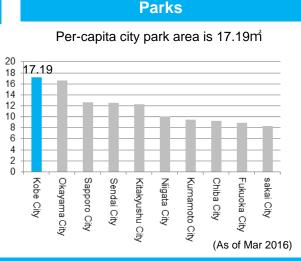


Δ 1.5

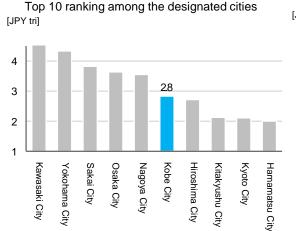
[%]

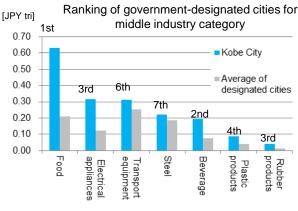
FY2013





# Ministry of Economy, Trade & Industry, Industry Statistics 2014: Product exports etc

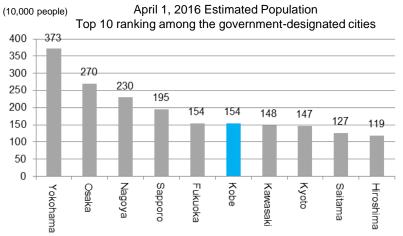




## Population of Kobe City



- The population that shrank by nearly 100,000 after the Great Hanshin Earthquake was recovered to the pre-quake level by 2004 and currently stands at 1.535 million (6th among the government designated cities).
- Kobe promotes the activities of "Kobe 2020 Vision" and "Kobe Creation Strategies" in order to deal with the population decline.



Establishment of the "Council of experts to discuss the future demographics of Kobe City" to explore the future population and how to develop the city.

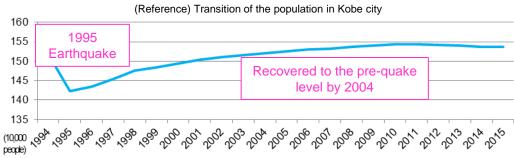
- Problems Excessive population drain to the Kanto region
  - · New graduates leaving the region
  - · Population is rapidly aging in the region

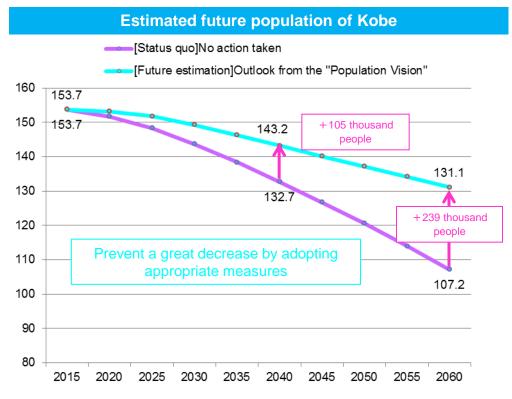
Promotion of "Kobe 2020 Vision" / "Kobe Creation Strategies" (Theme)

The town chosen by the young + The town everybody can play an active role

(Objective)

- 1) Maintaining 12,000 live birth per year
- 2 Increasing young population transferring to Kobe and decrease the 2,500 people who move into Tokyo area annually





2. Fiscal Profile of Kobe City

## FY 2015 Financial Results Overview

Achieved actual income surplus for 17 consecutive years

- Achieved actual income surplus for 5 consecutive years without supporting revenue resources.
- The amount of actual income (JPY1.26bn) is planned to be reserved to public finance adjustment reserve funds after the settlement.

Maintaining the good Ratio for Determining Financial Soundness

- Real Debt Service Ratio: 7.9% (Average among designated city in FY2014: 11.2%)
- Future Burden Ratio: 80.2% (Average among designated city in FY2014: 132.4%)

All the 7 business accounts achieved positive net profit

- Pursuing improvement of business efficiency in each business accounts.
- Recorded around JPY11.7bn for single fiscal year surplus of all business accounts.







## Achievement status of Kobe's Administrative and Fiscal Reforms in 2015



• Kobe city implemented the initiatives steadily through FY2011 to FY2015 which was planned in "Kobe's Administrative and Fiscal Reforms in 2015".

<Results of Actions>

Reduction in the number of employees
 [Objective]: Reduce around 1,600 people
 ⇒FY2011~FY2015: reduced 1,626 people

- 6. Improvement in civil service
- Started general call center service in FY2011
- Development of year-end nursery system and operation in ward offices

2. Reduction in auxiliary organizations
[Objective] Reduce more than 10 organizations from
46 organization
⇒Achieved the objective in FY2013 (current number is 34 organization )

Step up to the next stage with taking over continuing efforts

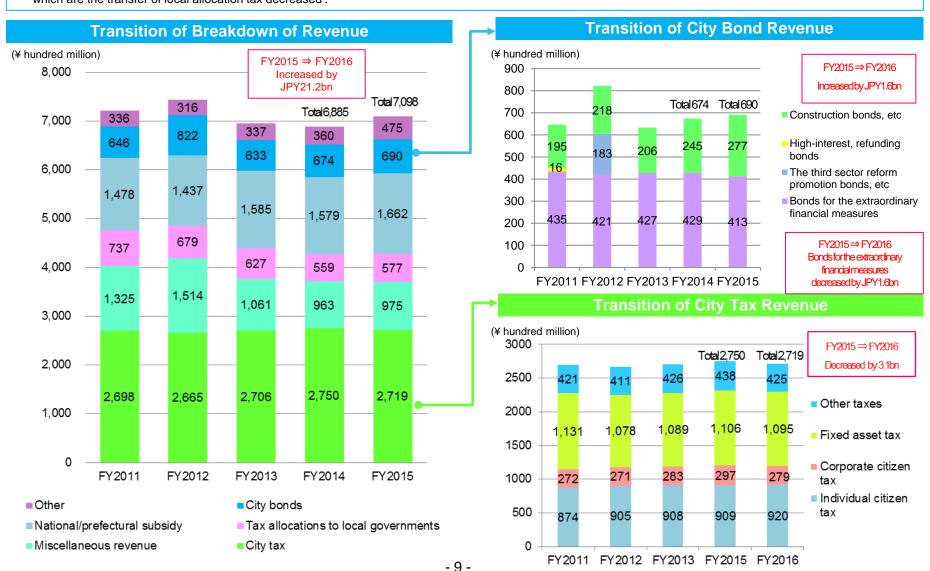
- 5. Utilization of private sector vitality
- Promotion of Public-Private Partnership (PPP)
- Promotion of Private Finance Initiative (PFI)

- 3. Reduction of the number of dispatched workers to auxiliary organizations[Objective] Reduce more than 30%⇒Reduced 767 people, (-40.8%)
- Commitments to fiscal consolidation
   [Objective] Improvement in Real Debt Service ratio and Future Burden Ratio. Achievement of upgrade from R&I
   ⇒ Each ratio improved gradually. Kobe was upgraded to AA+ by R&I in April 2015

### FY 2015 Results of General Account Revenue



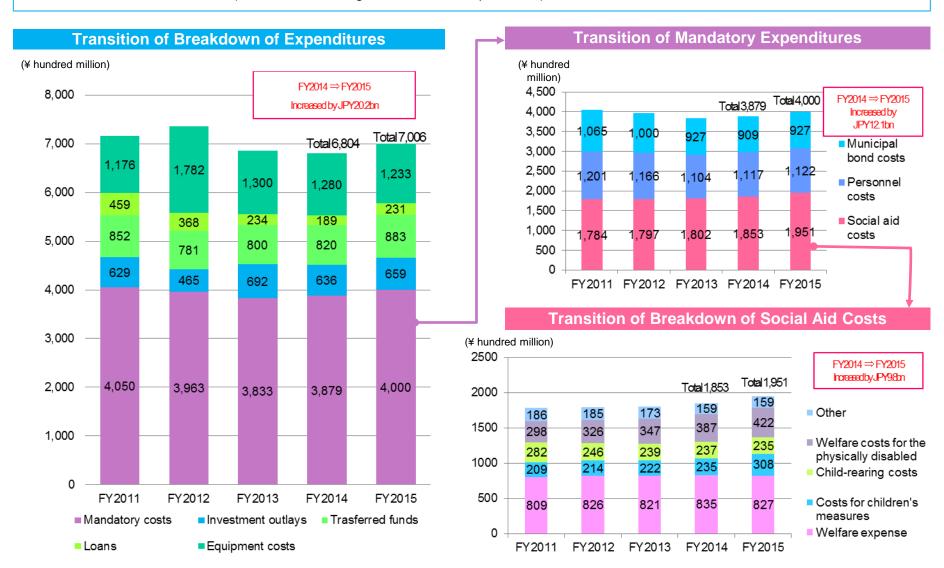
- · Achieved actual income surplus for 17 consecutive years (5 years without supporting revenue resources).
- The City tax decreased by JPY3.1bn compared to FY2014 because of the decrease of corporate citizen tax reflecting the effect of the revision of tax system and the decrease of fixed asset tax and city planning tax due to the revaluation. However, the whole revenue increased by JPY21.2bn thanks to the increase of local allocation tax and transferred tax.
- City bond revenue increased by JPY1.6bn because of the increase of construction bonds although the bonds for the extraordinary financial measures which are the transfer of local allocation tax decreased.



## FY 2015 Results of General Account Expenditures



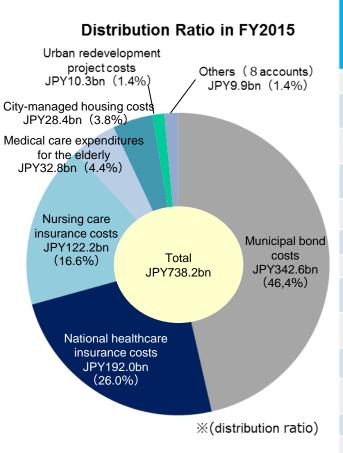
- Expenditures increased by JPY20.2bn compared to FY2014 because of the increase of social security cost such as social aid costs.
- Mandatory expenses consisting of personnel costs, social aid costs, and municipal bond costs increased by JPY12.1bn compared to FY2014 and were JPY400bn (57.1% of the total general account expenditure).



## FY2015 Results of Special Accounts



- Special accounts consists of 14 accounts as of end of FY2015.
- Insurance accounts increased due to the increase of medical costs reflecting the super aging society and the expansion of joint projects to adjust the medical expenses among towns and cities within the prefecture.
- Total of special accounts increased by JPY62.9bn compared to FY2014.



Accounting item		Expenditure			Transfer from the general account		
7.000 artially item	FY2015	FY2014	increase or decrease	FY2015	FY2014	increase or decrease	
Market costs	26	25	+1	4	3	+1	
Meat processing center costs	11	11	-	7	8	△1	
National healthcare insurance costs	1,920	1,639	+281	178	154	+24	
Worker welfare insurance costs	4	4	-	-	-	-	
Agricultural insurance costs	2	2	-	1	1	-	
Loans from Welfare Funds for Mothers with Dependent Children and Widows	1	1	-	-	-	-	
Parking lot business costs	11	10	+1	1	-	+1	
Agricultural community sewer program costs	13	13	-	10	10	-	
Urban redevelopment project costs	103	87	+16	82	67	+15	
City-managed housing costs	284	289	△5	50	58	△8	
Nursing care insurance costs	1,222	1,182	+40	186	174	+12	
Airport development costs	31	30	+1	10	9	+1	
Medical care expenditures for the elderly aged 75 or over	328	325	+3	173	175	△2	
Municipal bond costs	3,426	3,135	+291	927	909	+18	
Special Accounts total	7,382	6,753	+629	1,629	1,568	+61	
Three Insurance Accounts total	3,470	3,146	+324	537	503	+34	

**※JPY100mn** 

## FY 2015 Results of Special Accounts; Airport Development Business

(JPY mn)

302



- The number of users of the Kobe Airport in FY 2015 was approximately 2.53 million.
- In order to stimulate the economy in Kobe by realizing the integrated operation of 3 airports(Kansai, Itami, Kobe) in Kansai, Kobe city started preparing ordinance for concession (management by private business operator) aiming to start in Spring 2018.

**Airport Account Balance of Payments** 

Expenditure

961

(Carried forward;

191)



939 Landing fee Parking Fee

411 Prefecture expenditure

1,120 Others

City bond redemption
1,811

Revenue

**Kobe Airport** 

18 minutes from Sannomiya by Kobe New Transit (Port Liner)

## OActions to increase Landing fee

- Asking airlines to increase the number of flights to utilize the maximum 30 flight / day upper limit
- · Asking airlines to bring in larger aircrafts.

### OActions to improve convenience

 Reflecting the requests from passengers and airlines, Kobe city will Keep requesting the national government to extend operation hours, increase arrival and departure slots, etc

#### Runway

• 2.500meters, 1 line

#### **Operating hour**

• From 7:00 to 22:00

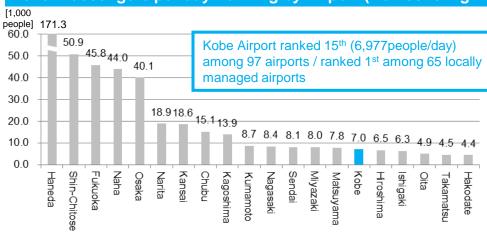
#### **Operating airlines**

 All Nippon Airline (ANA) 、Skymark、Solaseed Air, AIRDO

#### No. of Flights, Destinations (as of Dec 2016)

- 29 flights
- Shin-Chitose
   Ibaraki
   Haneda
   Nagasaki
   Kaqoshima
   Naha

### No. of Passengers per day Ranking by Airport (Domestic flights)



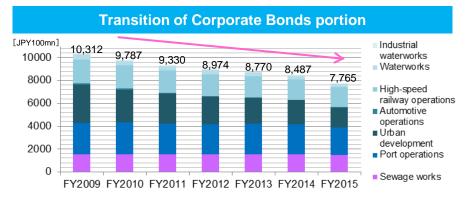
### FY 2015 Results of Business Accounts



- All the 7 business accounts recorded surplus and the total was JPY11.7bn for single fiscal year.
- Port operation business account recorded 2.71 million TEU in FY2015, the highest number of handled containers due to the integrated actions with government of Japan and Kobe-Osaka International Port Corporation.
- Automotive operations account recorded the profit of JPY284mn due to the reduction of operating expenses

Revenue and expenditures of each business accounts [JPY mn]					
Accounting item		FY2015	FY2014	increase or decrease	
0	Annual profit / loss	1,179	△1,695	+2,874	
Sewage works	Cumulative profit / loss	1,179	-	+1,179	
Dort enerations	Annual profit / loss	2,717	3,040	△323	
Port operations	Cumulative profit / loss	2,718	1	+2,717	
Urban development	Annual profit / loss	1,595	1,150	+ 445	
	Cumulative profit / loss	1,596	1	+1,595	
Automotive	Annual profit / loss	285	△3,835	+4,120	
operations	Cumulative profit / loss	826	541	+285	
High-speed railway	Annual profit / loss	2,176	△5,129	+7,305	
operations	Cumulative profit / loss	△80,416	△82,592	+2,176	
Matamania	Annual profit / loss	3,389	△8,535	+11,924	
Waterworks	Cumulative profit / loss	7,630	4,241	+3,389	
Industrial waterworks	Annual profit / loss	319	336	△17	
	Cumulative profit / loss	1,819	1,500	+319	

		Balance sheet items of each business accounts [JPY mn]							
		Item	Sewage works	Port operations	Urban development	Automotive operations	High-speed railway operations	Waterworks	Industrial waterworks
		Total Assets	655,620	963,435	393,588	17,378	254,260	330,820	15,448
		Fixed Assets	624,360	943,796	44,210	15,955	251,170	305,766	11,820
	Assets	Current Assets	31,260	19,639	118,105	1,423	3,090	25,051	3,628
		Deferred Account	-	-	-	-	-	3	-
		Land development Account	-	-	231,273	-	-	-	-
		Total Liability	392,855	468,554	257,612	10,307	234,473	150,771	7,825
	Liabilities	Fixed Liability	139,192	227,313	226,433	6,042	168,179	41,583	4,425
	lities	Current ILabilities	17,878	26,198	31,179	3,995	17,380	10,310	570
		deferred revenue	235,785	215,043	-	270	48,914	98,878	2,830
	0	Total Capital	262,765	494,881	135,976	7,071	19,787	180,049	7,622
	Capital	Capital Stock	118,261	179,562	70,464	3,154	84,789	139,009	2,692
	_	Capital Surplus	144,504	315,319	65,512	3,917	△65,002	41,040	4,930
- 1									



393,588

17,378

254,260

330,820

15,448

Total capital and liabilities

655,620

963,435

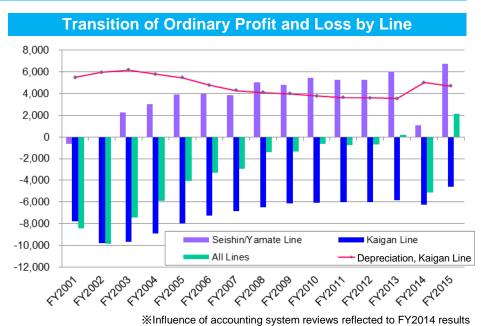
## FY 2015 Results of Business Accounts; High-speed railway operations



- Total of Seishin / Yamate line and Kaigan line recorded the profit of JPY2.18bn due to the increase of No. of passengers per day (+3,400 passengers per day), increase of revenue from passenger fee and actions to improve management efficiency.
- Seishin / Yamate line posted record high profit (JPY6.75bn) (recorded surplus 13 consecutive years since FY 2003).
- Kaigan line recorded the smallest deficit though the capital expenses such as depreciation are still heavy burden.







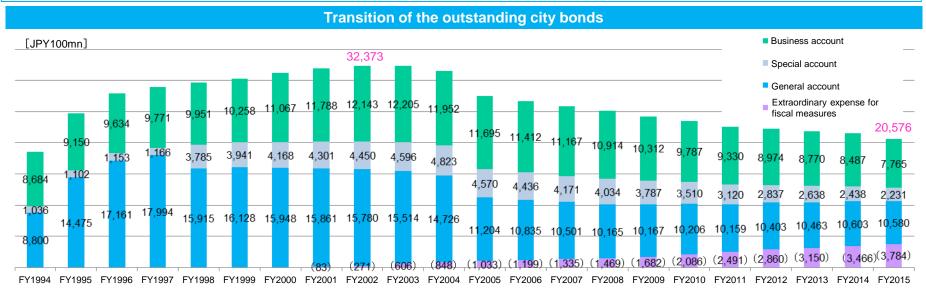
				F	Y 2015 Results		
[JPY100mn]	Opening time	Service distance	Revenue	Expenditure	Depreciation	Net profit or loss	No. of passengers per day
Seishin/Ya mate Line	1977 to 1987	22.7km	20,272	13,524	4,555	6,748	262,329
Kaigan Line	2001	7.9km	5,226	9,798	4,686	△4,572	44,456
All Lines		30.6km	25,498	23,322	9,241	2,176	306,785

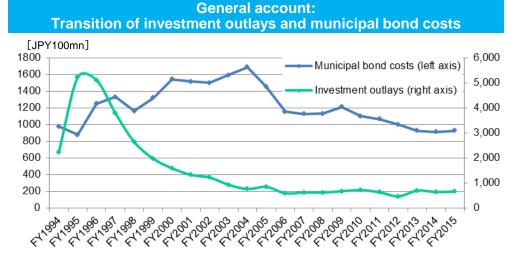
- O Actions to Improve Balance of Payments of Kaigan Line
- Collaboration with Aeon Mall (Opening June 2019)
- Collaboration with Top Sports Team (Vissel Kobe and INAC, etc.)
- planning to open sports facilities on the site of past sewage - treatment plant
- Project for promoting the use of Noevir Stadium Kobe
- Application invitations of public regeneration projects of the Subway Kaigan Line and the west side of the city, followed by the implementation of the chosen Applications
- Kobe is planning to build new government building with Hyogo prefecture which consolidated tax processing function

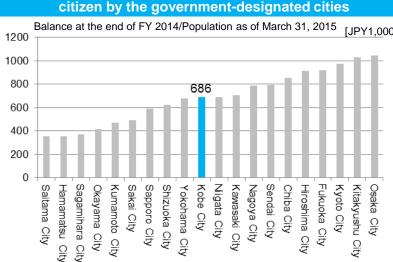
## FY 2015 Results of Outstanding City Bonds



- In all the accounts, achieved reduction of ¥1.2 trillion compared to FY 2002 (peak).
- · Per capita balance (general account) ranks at the mid-level among government-designated cities.
- The balance of city bonds of general accounts decreased by 2.3 billion yen from the previous year. Excluding the bond for extraordinary financial measures, the balance of city bonds of general accounts decreased by 34.1 billion yen from the previous year.





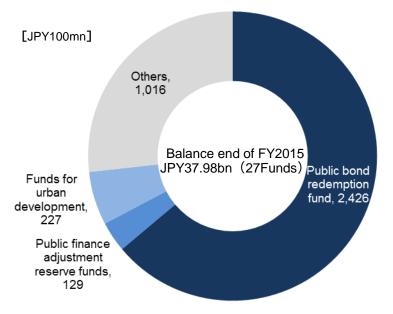


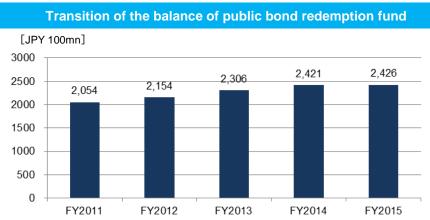
General account: Amount of outstanding city bonds per

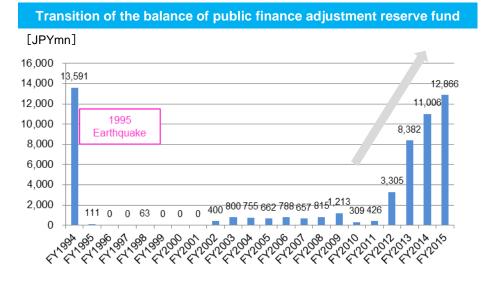
### FY2015 Status of Reserve Funds

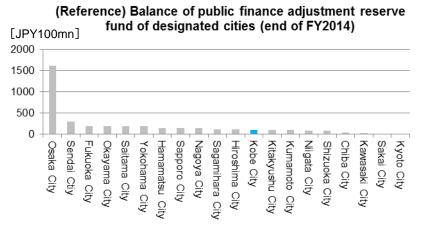


- Kobe City has 27 funds and the total balance is JPY37.98bn.
- Public bond redemption fund reserved the largest amount(JPY242.6bn) which has been accumulated every fiscal year according to prescribed rules.
- Kobe has continued to fund the amount of surplus to public finance adjustment reserve fund (JPY12.9bn as of end of FY2015).









### FY 2015 Results of Financial Soundness Indicators



	FY2015	FY2014	Early rehabilitation standard	Fiscal reconstruction standard
Real deficit ratio	-	-	11.25%	20%
Consolidated real deficit ratio	-	-	16.25%	30%
Real debt service ratio	7.9%	8.7%	25%	35%
Future burden ratio	80.2%	86.1%	400%	-

Real debt service ratio

Future burden ratio

12.9

172.4

12.1

152.6

10.9

120.2

10.1

94.6

8.7

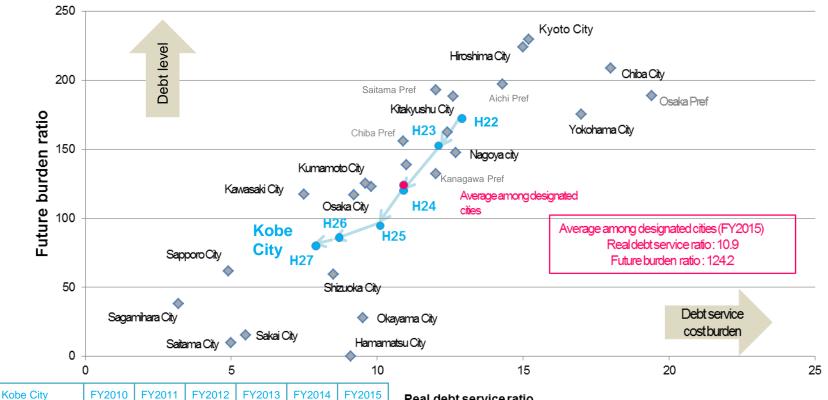
86.1

7.9

80.2

- Real debt service ratio and Future burden ratio improved by 0.8 points and 5.9 points respectively compared to FY2014.
- Kobe will continue fiscal management by analyzing the trend of indicator.
- Each ratio has improved every year through administrative and financial reforms, and reached the level comparable to those of other designated cities who issue municipal bond.

### Comparison among designate cities



\*Posted 5 prefectures with large 10-year bond issue volume(FY2015 results) as a reference

3. Developing a radiant future-creating city

## Budget for FY 2016



- ¥727.3 billion of FY 2015 General Budget, larger than the previous year.
- · Improving the attractiveness of the city through planned investments while carrying out administrative and financial reforms
- Promoting actions based on "Kobe 2020 Vision" and "Kobe Creation Strategies" in order to overcome social challenges; declining birth rate and aging population.

#### Concepts

The town chosen by the younger generation

The town everybody can play an active role

1 Maintaining 12,000 live birth per year

2 Decreasing by 2,500 people who move into Tokyo area annually

Take actions to achieve goals

**Promotion of** "Kobe 2020 Vision" and "Kobe Creation Strategies"

Creation of attractive jobs for younger generation

- ONew business development by local SMEs Olnnovation of support systems for start-ups
- OPromotion of "Gastropolis-Kobe 2020"



Office for start-ups (located in Sannomiya station building)

Creating appeal points to attract young people

OPromotion of migration to Kobe "Life in Kobe's Satoyama"



Ogono-cho Nose, Kita-ku

- OPromotion of town development for revitalizing town center and local communities
- OEnhance attractiveness of the waterfront district

Creating a social system enabling young generations to give priority on marriage, childbirth, child rearing and education

- OElimination of children on waiting lists
- OCaring system for schoolchildren outside school hours
- OReduction of nursery fees for households with a lot of children
- OExpansion of public medical expense system for infants

Creating promising environment for future generation

Olmprovement of public transportation network OPromotion of hydrogen Kobe smart city



Demonstration test for construction of hydrogen supply chain (Image of airport island)

Promising security and safety

- OPromoting welfare for elderly and disabled people
- OPrevention of "cycle of poverty"
- OPromoting measures against vacant houses, vacant lots, and house of garbage



Cooperation with the local communities

- OPreparation of general counter in the ward office
- OPreparation of ward office concierge
- OJoint relocation of prefectural and city related organizations to Shin-nagata station area(scheduled to be opened in FY2019)







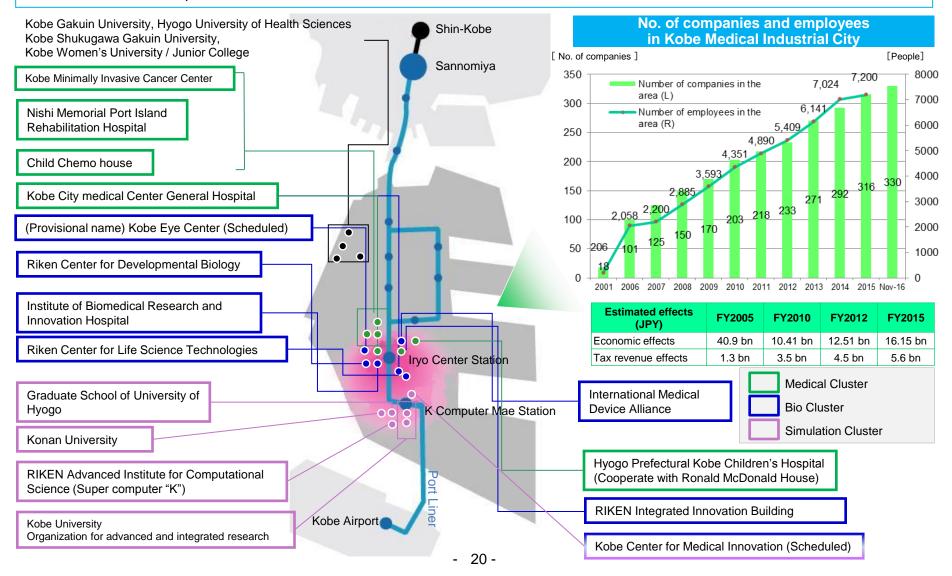
More attractive measures to deal with population decline

To realize a radiant future-creating city "Chosen Kobe"

### **Kobe Biomedical Innovation Cluster**



- To improve the level of medical care for its citizens and to stimulate local economy, Kobe City is promoting the Kobe medical industrial city by consolidating the medical-related industries on Kobe's man-made port Island.
- This is Japan's largest biomedical cluster, consisting of core facilities that act as an intermediary between basic and clinical researches and coordinate the research facilities of corporations and universities. In addition, there exist medical institutions and medical-related companies.



### Kobe Biomedical Innovation Cluster ~National Strategic Special Zones and new action~



- Kobe Biomedical Innovation Cluster was designed as Kansai Innovation International Strategic Comprehensive Special Zone in Dec 2011 and as National Strategic Special Zones in May 2014. Kobe offers tax benefit, financial support and monetary support for companies in the area.
- In the special strategic zone, healthcare services not covered by the insurance etc. are permitted.
- Requesting related ministries and agencies for further deregulation such as outsourcing a part of specimen testing of advanced medicine.

### Project for National Strategic Special Zones: Kobe Eye Center(tentative name)



Accelerate practical application of regenerative medicine including world's first retinal treatment utilizing iPS cell

Construction started in Sep 2016 Completion around the fall of 2019

- Total system from basic research to clinical application, treatment and rehabilitation
- · The administrators are RIKEN, Kobe City Hospital Organization and other private enterprises

#### Kobe Center for Medical Innovation (KCMI)

Providing rental laboratories for pharmaceutical companies and drug discovery ventures

Space for development and research of post "K"





Completion image

Scheduled to be completed in 2017 Five storeys above ground with interchange space

#### Innovative in silico drug development base

#### What is in silico drug development?

This is drug discovery method introducing simulation technology into a drug discovery technique based on conventional experiments (Silico drug development allows us to save time, cost, labor compared to the conventional method)





**Development of applications** by Foundation for Biomedical Research and Innovation and Kyoto University



Utilization of supercomputer "K" by making full use of the location of Kobe Biomedical Innovation Cluster

- OCutting-edge technology of in silico drug development (Method for avoiding adverse effect, Estimation method of interaction)
- OGeneric technique for in silico drug development

(Virtual screening, Estimation for binding affinity, etc)

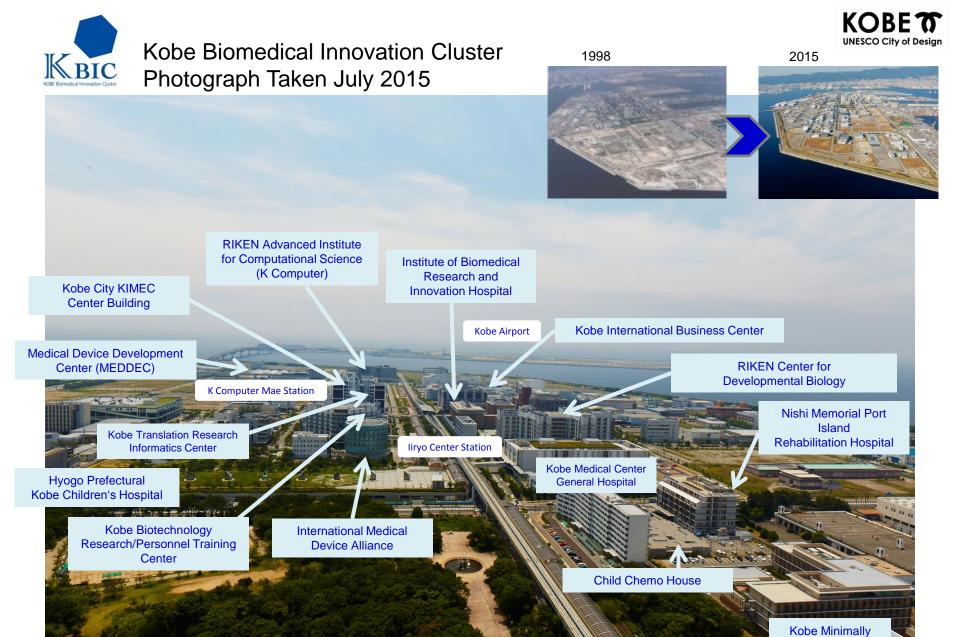
Advancement into Kobe / Development of innovative medicine from Kobe

### Adoption of Research Complex Promotion Program by Government



#### Compass to Healthy Life Research Complex Program

- Collaboration program with Kobe City, Hyogo Prefecture, Universities, Corporations and research institute such as Riken
- Aiming to create new businesses and new industries and employment



To Sannomiya

**Invasive Cancer** 

Center

## New initiatives 1~City to support child-caring and education~



- It is necessary to reduce the economic burden of households with children in order to maintain 12,000 live birth per year.
- Kobe City promises creation of an environment enabling parents to raise their children and to get access to quality education, as well as of support system for women to balance work and family.
- Kobe City will also prepare a learning environment to improve students' ability to learn and living powers.

### Measures for Child-caring Support (Partial)

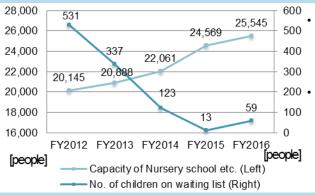
### **Medical Expense Assistance for infants**

All preschool children are eligible for support measures from July 2015 Reduce outpatients self-pay burdens to 400 yen per day (500 yen per day till June 2016)

	Outpatients	Inpatients
0 ~ 2 years old	Free	Free
3 years old~JHS students	Maximum 400 yen per day (free for more than 3rd times)	Free

\*No income limit applied for 0 to 6 year preschool children

#### Promotion of elimination of children on waiting lists for nursery schools



- Number of children on waiting lists was 59, increased by 46 from last fiscal year as of Apr 2015
- In FY2016 budget, Kobe will increase the capacity for about 700 children to eliminate the waiting list for children

#### Other actions

- Reduction of nursery fees for households who have a lot of children(second child: half fee, third or after child: free) (\*income restrictions are imposed)
- Medical expenses assistance for mother child family, easing income restrictions, reduction of outpatients self-pay burdens
- Preparing the system for care of schoolchildren outside of school time (Extension of opening hours of public facilities / system for upper grade students)

### Measures for education (Partial)

#### Actions for improving safety and academic performance of students

## Installing security cameras

Installing in all kindergartens, nursery school, junior high school in 3 years Measures for Bullying and truancy

Increasing the No. of school counselors, school social workers and school net patrol etc. Placement of support staff for enhancing learning and living ability Expansion of smallclass education and multiple Instructing in the same room (All compulsory education school)

#### Improvement of environment to support learning

Restructuring of schools reflecting local characteristics and environmental changes



The exterior of Maitamon elementary school

- Opened Maitamon elementary school in Apr2016 in Tarumi-ku where the number of children is expected to increase significantly in future
- In order to realize proper scaling, Maruyama elementary school and Hibarigaoka elementary school were integrated into Maruyama Hibari elementary school (April 2016)
- Reorganization and review of other municipal kindergartens

#### Other actions

- Construction of elementary schools and special support schools in the HAT (Happy Active Town) Kobe area
- Establishment of facilities-integrated school building at Minatojima Gakuen opened in April, 2008 as the first compulsory education school in the city
- Increase and renovation of school buildings at Mikagekita elementary school, Fukuike elementary school, Myodani elementary school where long-term overcrowding is expected due to an increase in the number of children

Kobe is aiming to be the best city for education

Developing children's "academic performance" and "rich human nature"

- Develop a city equipped with multiple urban functions, by supplying residential and industrial lands.
- To Support the innovative entrepreneurship companies for job creation for the young generation and economic revitalization.

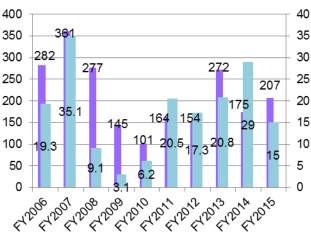


- Many enterprises enter the inland and coastal
- Continuing to attract companies and building a future-oriented business base
- Expanding preferential treatment system to support companies to penetrate in the area

#### Measures to attract companies

- O Nationally Competitive Municipal City Tax Benefits 90% reduction on property tax-urban planning tax etc. (max. 10 years)
- O Pioneering Support System Max. 40-50% reductions on land sale price (Port Island 2nd term, Kobe Techno-Logistic Park)
- O Creation of subsidy system for HQ functions transfer (2015-) Supports the HQ functions transfer etc. to the conventional urban areas not covered by the national regional hubs reinforcement tax system.
  - Property support (within 7% of acquisition cost) Employment support Rental support (city-wide)





Revenue from land sales (L) [JPY bn] Sold area (R) [ha]

### Startup office project



- Establishment of startup activity base in January 2016 at the city center Sannomiya Ekimae building
- Promotion of "Acceleration program"
- O Provision of activity funds from 30 to 1.5 million yen to participating teams
- O Mentoring system
- O Support to build-up of human network

Office atmosphere

#### 500 Startups mentoring time

### First trial for accelerating the business in Japan

The first city in Japan to invite one of the best acceleration program in the world called "500 startups", which offers the acceleration training programs in Silicon Valley.





Leaflet of Kobe-start-ups training center

#### Support start-ups with industry, academy and government cooperation.

Open "Kobe -start-ups training center.

- Private clubs for entrepreneurs
- Provide many kinds of services to members
  - O Open co-working space
  - O Consulting service by experienced coordinators
  - O Open business workshops, run "sorenjuku"
  - O Hold events for creating business like networking events, businessmatching
- · Located in Kobe Industry Promotion Center, Harborland

### New initiatives (3)

~Redevelopment of the city center Sannomiya / Hydrogen Smart City Kobe Conception~



新東口の検討

駅前広場の拡充

中・長距離バスの集約

駅前広場の拡

Redesigning of road space considering the

feel of excursion in the city.

三宮クロススクエア

Redevelopment of the City center Sannomiya

Redevelopment of the city center Sannomiya is essential to revitalize Kobe city and economy in order to realize the attractive and stately city, Kobe is implementing measures by utilizing private vitality with

#### New entrance" stations≈towns space"

- · Road space where people and public transportations are given preference over
- Spaces in front of the station with excellent view.

Kobe City plans to utilize hydrogen energy as a new energy policy to enhance the general power of the city

Source : HySTRA

Liquefied hydrogen carrying vessel (image)

Building hydrogen-supply chain demonstration

- Building up the facility(located in the northeast of Kobe airport island)
- Innovative measures cooperated with HySTRA.
- Aiming for the demonstrated operation in 2020.

In addition, proceeding infrastructure developments like renovation of the design of accessway in Shin Kobe Station, research for maintaining bus terminals.

**Cooperation with private** sector is the key to succeed in both measures.

> Examples in 2017 Making Tobu-Park lively by turfing



Programs for demonstrated operation of turfing and enhancing the park by turf space is being implemented in the area of ground at Tobu-

park next to the city hall.



Promotional programs of fuel cell powered cars (FCV, Fuel Cell Vehicle)

Installation of Kobe renewable energy hydrogen station.

- Operating from July, 2016
- · Producing hydrogen by electrolysis of water produced by the renewable energy. Additionally, support by private companies to maintain commercial hydrogen stations.



Kobe renewable energy hydrogen station

- Subsidy system targeted at companies which plan to use next-generation
- · FCV provides a subsidy, which adds up 505,000~520,000 JPY(one sixth of the payment).



## Formulation of Kobe's Administrative and Fiscal Reforms in 2020



- Enhance the quality of administrative service, keeping the feasibility of Kobe 2020 vision created with Kobe creative strategy.
- Consider how soft public services should be and optimize tasks by making better use of the security and tax number system and ICT.
- Secure financial resources with the "scrap-and-build" approach, which encourages review and reorganization.

### ∼Make a good cycle happen by positive thinking∼

Promote administrative and fiscal reform with attitude of positive thinking to make a "good-cycle" even in the society of an aging population with declining birth date.



			Main actions
	tive	Overall optimization	The social security and tax number system, streamlining by the use of ICT, outsourcing.
	lministral ns	Administrative system reform	Optimize the whole information system, ensure through compliance.
	The direction of administrative operations	Public sectors and affiliated organizations reform	The private sector vitality utilized by public corporation, reconsideration of dispatches of staffs to affiliated organizations.
lelines	The di	Provide administrative service for citizens.	Provide more attractive and considerate citizens services compared to the other cities, promote the cooperation
Basic Guidelines The direction of fiscal management	Improve fiscal consolidation and transparency	<ul> <li>Maintain a primary surplus except special fiscal bonds.</li> <li>Improve balance of fiscal adjustment funds to the same condition of ordinance –designated cities' standard.</li> <li>Keep the same standard of the balance for city bonds issued per person and an index of fiscal consolidation</li> </ul>	
	of fiscal	Secure the annual revenue	Increase tax revenue by stopping the population decline, strengthen credit management by installing the practices of private companies
direction o	Reconsider the annual expenditure	<ul> <li>Reconsider the existing policies, stuffs, and systems, subsidies with zero-based thinking.</li> <li>Reconsider based on segments-information applied by public accounts, adjust beneficiary and expense of social security</li> </ul>	
	The	Manage public property property	Compound and reorganization of old buildings, secure property revenue.

4. Kobe City's Bond Issuance and Rating

## FY2015 Issuance Results / FY 2016 Issuance Plans (Public subscription municipal bonds)



[JPY 100 mn]

- Applying negotiated transactions for all bonds, to set the timing of issuance on investor demand and to set the conditions of issuance through communication with the market.
- Kobe City disclose their information through one-on-one meetings and via internet.

Tenor	2015 Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	2016 Jan	Feb	Mar	Total 800
5 year	100 0.112%						200 0.101%						300
10 year						100 0.510%			100 0.479%				200
20 year										100 1.007%			100
30 year							200 1.513%						200

### [FY2016 Issuance Results / Plans]

[JPY 100 mn]

Tenor	2016 Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	2017 Jan	Feb	Mar	Total 1,100	
5 year			100 0.005%				100 0.001% ¥100.002						200	
10 year	100 0.08%					100 0.105%							200	
Super Long Bond				100 0.284% [30 year]				100						
Flex	50 (10 year)		100 (5 year)	50 (30 year)		50 (10 year)			5	0			300	
Joint Local Muni Bond		80 0.08%		10 0.05%		10 0.105%		20 0.05%		20		60	200	

% Figures for Joint Local Muni Bond shows only include Kobe City's issuance amount

## Issuer Ratings ~City of Kobe's Rating Upgraded by R&I~

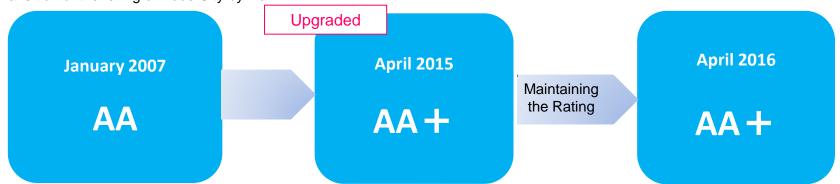


- Kobe City has obtained a solicited rating from R&I in order to receive objective evaluation regards on its fiscal status.
- As a result of administrative / financial reform, (Reduction in the number of employees, Reduction in Auxiliary organizations, Improvement of fiscal soundness) Kobe City was upgraded in Apr 2015 from AA to AA+ (the same rating as that of Japan sovereign).

#### Ratings for Municipalities by R&I

AAA	n/a
AA+	Japan (Sovereign), Tochigi Pref, Saitama Pref, Shizuoka Pref, Aichi Pref, Kobe City
AA	Miyagi Pref, Fukui Pref, Nara Pref, Okayama Pref, Tokushima Pref, Saga Pref, Chiba City

### Transition of the raring of Kobe City by R&I



#### **Key Points of Upgrading in Apr 2015**

OEconomic strength

Due to Kobe Biomedical Innovation Cluster – where the collection of companies has already been promising – was designated as National Strategic Special Zone, the economy of the area may well prove to be a further boost.

ODebt level

The administrative/financial reforms have successfully reduced the balance of the city bond (except for the bonds for extraordinary fiscal measures) to the pre-quake levels.

OAuxiliary organizations

Business reforms of the auxiliary organizations have almost completed in order to minimize the influence of their financial burden, thus future financial risks have been greatly reduced.

Supplemental materials

## FY 2015 Results Fiscal Indicators of Each City



	Current to Revenue
Okayama City	87.5
Hamamatsu City	90.3
Kumamoto City	90.9
Shizuoka City	91.3
Sapporo City	91.6
Fukuoka City	92.5
Niigata City	94.0
Yokohama City	95.2
Saitama City	95.6
Chiba City	95.7
Kitakyushu City	95.7
Kobe City	95.9
Sendai City	96.2
Sakai City	96.9
Hiroshima City	97.4
Nagoya City	97.5
Osaka City	97.6
Kawasaki City	97.7
Sagamihara City	98.0
Kyoto City	99.0
Average	94.8

Financial Car	pability Index
Kawasaki City	1.00
Nagoya City	0.99
Saitama City	0.98
Yokohama City	0.97
Chiba City	0.95
Sagamihara City	0.93
Osaka City	0.92
Shizuoka City	0.91
Sendai City	0.89
Hamamatsu City	0.89
Fukuoka City	0.88
Sakai City	0.84
Hiroshima City	0.83
Kyoto City	0.79
Kobe City	0.79
Okayama City	0.79
Niigata City	0.75
Sapporo City	0.72
Kitakyushu City	0.72
Kumamoto City	0.71
Weighted average	0.88

Consolid Deficit	ated Real t Ratio						
Sapporo City							
Sendai City							
Saitama City							
Chiba City							
Yokohama City							
Kawasaki City							
Sagamihara City							
Niigata City							
Shizuoka City							
Hamamatsu City	- N/A						
Nagoya City	IN/A						
Kyoto City							
Osaka City							
Sakai City							
Kobe City							
Okayama City							
Hiroshima City							
Kitakyushu City							
Fukuoka City							
Kumamoto City							

Sagamihara City	3.2
Sapporo City	4.9
Saitama City	5.0
Sakai City	5.5
Kawasaki City	7.5
Kobe City	7.9
Shizuoka City	8.5
Hamamatsu City	9.1
Osaka City	9.1
Okayama City	9.5
Kumamoto City	9.6
Sendai City	9.8
Niigata City	11.0
Fukuoka City	12.4
Kitakyushu City	12.6
Nagoya City	12.7
Hiroshima City	15.0
Kyoto City	15.2
Yokohama City	17.0
Chiba City	18.0
Weighted average	10.9

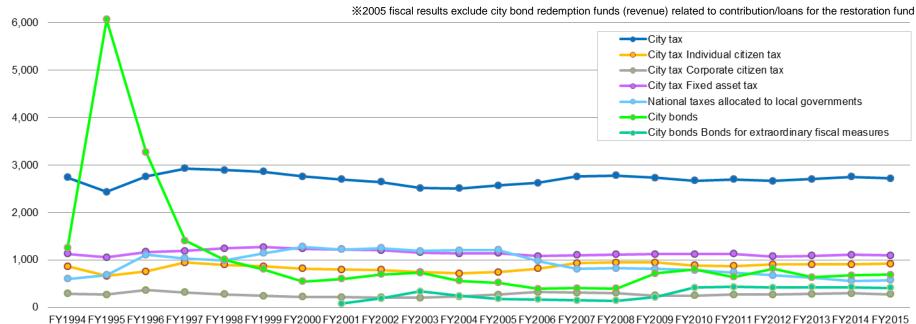
Future Bu	rden Ratio
Hamamatsu City	0.0
Saitama City	9.7
Sakai City	15.6
Okayama City	27.5
Sagamihara City	37.9
Shizuoka City	59.5
Sapporo City	63.2
Kobe City	80.2
Osaka City	117.1
Kawasaki City	117.4
Sendai City	122.8
Kumamoto City	125.5
Niigata City	138.9
Nagoya City	147.4
Fukuoka City	162.4
Yokohama City	175.6
Kitakyushu City	188.3
Chiba City	208.7
Hiroshima City	223.9
Kyoto City	229.6
Weighted average	124.2

Ratio of Current Expenditures to Revenue: This index determines the elasticity of the fiscal structure. It is the ratio of general financial resources allotted to recurring expenses such as personnel costs, social aid costs, and municipal bond costs, to general financial resources from recurring income, mainly regional taxes and the portion of national taxes allocated to local governments. Financial Capability Index: The three-year average ratio of basic fiscal revenue, including city taxes, to financial resources required to carry out operations (basic fiscal demand). Consolidated Real Deficit Ratio: The ratio of real deficit or capital shortage in all accounts, including standard scope of finances municipal utility accounts, versus the standard financial scale Real Debt Service Ratio: The ratio of the amount of funds used for the redemption of principal and interest and quasi-redemption of principal and interest in the general account to standard financial scale. Future Burden Ratio: Ratio of actual liabilities that will be future burden, mainly in the general account, including burden mainly related to regional public corporations and public corporations that are compensating for losses, to the standard financial scale.

### **General Account Revenue Trends**



Cat	tegory / FY [JPY bn]	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
City	City tax		2,433	2,761	2,929	2,891	2,863	2,756	2,697	2,642	2,517	2,506	2,568	2,626	2,759	2,779	2,731	2,671	2,698	2,665	2,706	2,750	2,719
	Individual citizen tax	869	661	758	947	901	867	820	799	789	747	716	747	821	934	948	949	887	874	905	908	909	920
	Corporate citizen tax	289	269	368	317	278	242	224	220	208	202	234	273	327	311	307	253	248	272	271	283	297	279
	Fixed asset tax	1,127	1,055	1,171	1,192	1,242	1,272	1,235	1,227	1,207	1,156	1,138	1,142	1,080	1,104	1,115	1,124	1,126	1,131	1,078	1,089	1,106	1095
	Urban planning tax	260	248	273	261	269	273	261	256	248	230	225	224	211	216	220	222	224	225	214	216	220	218
	Other	196	200	191	212	201	209	216	195	190	182	193	182	187	194	189	183	186	196	197	210	218	207
	tional taxes allocated to all governments	603	682	1,107	1,032	985	1,140	1,280	1,225	1,253	1,193	1,201	1,212	979	811	825	809	786	737	679	627	559	57
Fina	ancial index	0.83	0.83	0.78	0.74	0.72	0.72	0.71	0.68	0.67	0.66	0.65	0.64	0.66	0.69	0.72	0.73	0.73	0.73	0.74	0.76	0.76	0.79
City	y bonds	1,261	6,065	3,267	1,408	1,011	805	551	603	697	734	561	518	391	409	403	720	802	646	822	633	674	690
	Bonds for extraordinary fiscal measures								83	188	336	241	185	167	151	142	220	423	435	421	427	429	413
Oth	ner	5,110	7,714	6,879	5,862	4,923	4,800	4,317	4,022	3,734	3,478	3,578	3,410	3,205	3,200	3,155	3,566	3,306	3,139	3,267	2,983	2,902	3,112
Rev	Revenue		16,894	14,014	11,231	9,810	9,608	8,904	8,547	8,326	7,922	7,846	7,708	7,201	7,179	7,162	7,826	7,565	7,220	7,433	6,949	6,885	7,098

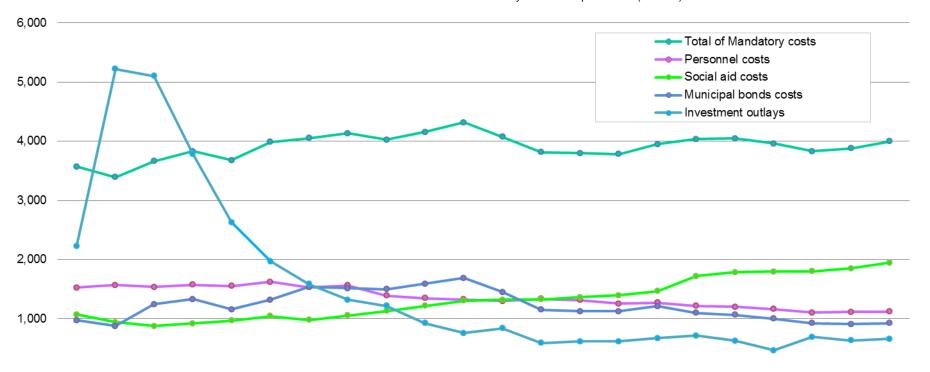


## General Account Expense Trends

KO	BE	T
UNESCO	City of	Design

												,										
Category / FY [JPY bn]	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Mandatory costs	3,574	3,393	3,666	3,830	3,681	3,989	4,055	4,137	4,025	4,156	4,319	4,074	3,816	3,800	3,783	3,950	4,038	4,050	3,963	3,833	3,879	4,000
Personnel costs	1,528	1,570	1,540	1,577	1,554	1,623	1,534	1,566	1,393	1,348	1,325	1,302	1,335	1,314	1,258	1,270	1,221	1,201	1,166	1,104	1,117	1,122
Social aid costs	1,071	945	878	923	968	1,047	981	1,056	1,134	1,216	1,306	1,319	1,327	1,362	1,396	1,469	1,719	1,784	1,797	1,802	1,853	1,951
Municipal bonds costs	975	878	1,248	1,330	1,159	1,319	1,540	1,515	1,498	1,592	1,688	1,453	1,154	1,124	1,129	1,211	1,098	1,065	1,000	927	909	927
Investment outlays	2,223	5,222	5,104	3,784	2,632	1,973	1,585	1,323	1,217	926	760	841	589	620	619	670	713	629	465	692	636	659
Transferred fund	709	761	732	692	831	829	886	826	798	835	790	864	893	914	936	851	833	852	781	800	820	883
Equipment costs, etc.	2,856	7,046	3,886	2,548	2,380	2,694	2,243	2,149	2,233	1,953	1,926	1,856	1,774	1,784	1,710	2,297	1,896	1,635	2,150	1,534	1,469	1,464
Expenditures	9,362	16,422	13,388	10,854	9,524	9,485	8,769	8,435	8,273	7,870	7,795	7,635	7,072	7,118	7,048	7,768	7,480	7,166	7,359	6,859	6,804	7,006
Mandatory cost ratio	38.2%	20.7%	27.4%	35.3%	38.6%	42.1%	46.2%	49.0%	48.7%	52.8%	55.4%	53.4%	54.0%	53.4%	53.7%	50.9%	54.0%	56.5%	53.8%	55.9%	57.0%	57.1%

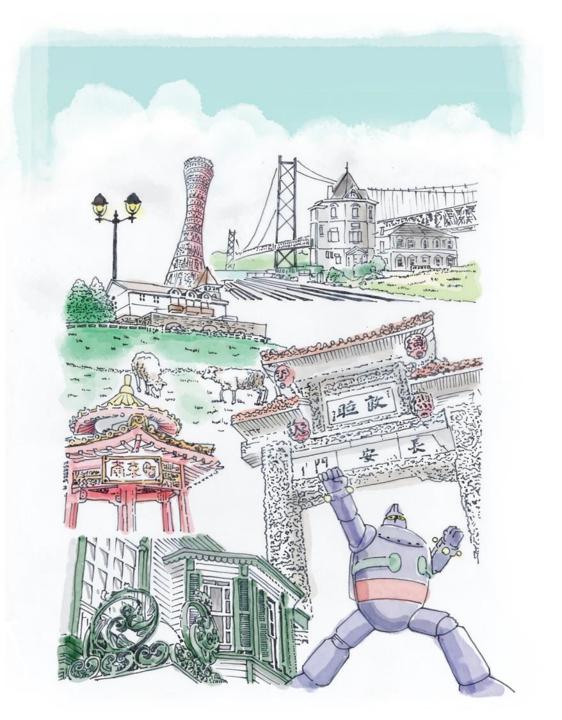
X2005 fiscal results exclude city bond redemption funds (revenue) related to contribution/loans for the restoration fund



# Public Subscription Bonds



											UNESCO CI					
lo	sue		Issue		5 year			10 year			20 year		30 year			
	ning	Bond number	amount	Coupon	Price	Yield to investor	Coupon	Price	Yield to investor	Coupon	Price	Yield to investor	Coupon	Price	Yield to investor	
	Jun	Fiscal 2011 No. 2 municipal bond	JPY10.0 bn	-	-	-	1.192%	100	1.192%	-	-	-	-	-	-	
	Aug	Fiscal 2011 No. 3 municipal bond	JPY15.0 bn	0.375%	100	0.375%	-	-	-	-	-	-	-	-	-	
П	Sep	Fiscal 2011 No. 4 municipal bond	JPY10.0 bn	-	-	-	-	-	-	1.913%	100	1.913%	-	-	-	
FY2011	Oct	Fiscal 2011 No. 5 municipal bond	JPY10.0 bn	-	-	-	1.025%	100	1.025%	-	-	-	-	-	-	
	Dec	Fiscal 2011 No. 12 municipal bond	JPY10.0 bn	0.395%	10	0.395%	-	-	-	-	-	-	-	-	-	
	Feb	Fiscal 2011 No. 14 municipal bond	JPY15.0 bn	-	-	-	-	-	-	1.794%	100	1.794%	-	-	-	
	Mar	Fiscal 2011 No. 23 municipal bond	JPY10.0 bn	-	-	-	-	-	-	-	-	-	2.173%	100	2.173%	
	Jun	Fiscal 2012 No. 2 municipal bond	JPY10.0 bn	-	-	-	0.891%	100	0.891%	-	-	-	-	-	-	
	Aug	Fiscal 2012 No. 3 municipal bond	JPY15.0 bn	-	-	-	-	-	-	1.635%	100	1.635%	-	-	-	
FY2	Aug	Fiscal 2012 No. 4 municipal bond	JPY10.0 bn	0.236%	100	0.236%	-	-	-	-	-	-	-	-	-	
FY2012	Oct	Fiscal 2012 No. 10 municipal bond	JPY20.0 bn	-	-	-	0.796%	100	0.796%	-	-	-	-	-	-	
	Dec	Fiscal 2012 No. 11 municipal bond	JPY12.0 bn	0.199%	100	0.199%	-	-	-	-	-	-	-	-	-	
	Dec	Fiscal 2012 No. 12 municipal bond	JPY13.0 bn	-	-	-	-		-	1.711%	100	1.711%	-	-	-	
	Apr	Fiscal 2013 No. 1 municipal bond	JPY10.0 bn	-	-	-	0.571%	100	0.571%	-	-	-	-	-	-	
	Jul	Fiscal 2013 No. 3 municipal bond	JPY10.0 bn	-	-	-	-	-	-	1.817%	100	1.817%	-	-	-	
FY2013	Aug	Fiscal 2013 No. 4 municipal bond	JPY20.0 bn	0.312%	100	0.312%	-	-	-	-	-	-	-	-	-	
013	Dec	Fiscal 2013 No. 10 municipal bond	JPY20.0 bn	0.229%	100	0.229%	-	-	-	-	-	-	-	-	-	
	Feb	Fiscal 2013 No. 11 municipal bond	JPY10.0 bn	-	-	-	0.689%	100	0.689%	-	-	-	-	-	-	
	Feb	Fiscal 2013 No. 12 municipal bond	JPY10.0 bn	-	-	-	-	-	-	1.520%	100	1.520%	-	-	-	
	Apr	Fiscal 2014 No. 1 municipal bond	JPY20.0 bn	0.219%	100	0.219%	-	-	-	-	-	-	-	-	-	
	Jul	Fiscal 2014 No. 3 municipal bond	JPY12.0 bn	-	-	-	-	-	-	1.482%	100	1.482%	-	-	-	
FY2014	Jul	Fiscal 2014 No. 4 municipal bond	JPY13.0 bn	-	-	-	0.606%	100	0.606%	-	-	-	-	-	-	
014	Dec	Fiscal 2014 No. 14 municipal bond	JPY13.0 bn	-	-	-	-	-	-	-	-	-	1.575%	100	1.575%	
	Dec	Fiscal 2014 No. 15 municipal bond	JPY12.0 bn	0.101%	100	0.101%	-	-	-	-	-	-	-	-	-	
	Jan	Fiscal 2014 No. 17 municipal bond	JPY10.0 bn	-	-	-	0.280%	100	0.280%	-	-	-	-	-	-	



# BE KOBE 神戸は、人の中にある。

### For inquiries

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