

# Financial Status of Aichi Prefecture

October 2025

#### **Aichi Prefectural Government**

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# **Highlights**

## **Outstanding Economic and Industrial Platforms**

- One of the prefectures that have the largest scale of economy and population
- Focus on automobiles with an outstanding concentration of industries
- Center of the three largest metropolitan areas which will be connected more closely

### **Maintenance of Fiscal Soundness**

- Firm and sound fiscal standing
- Ample provision of sinking funds

### **Aichi Prefecture Bonds**

- Received the same ratings as those of Japanese government bonds
- A leading bond issuer in Japan: JPY305bn issuance planned for FY2025



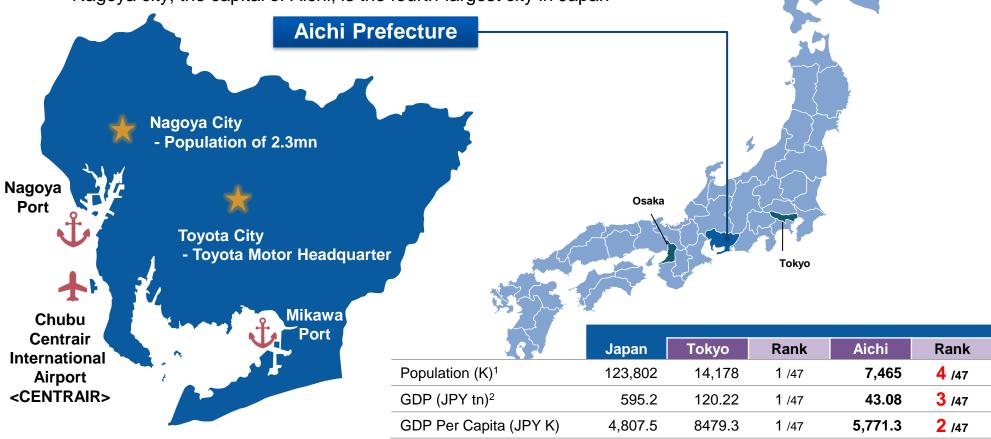
# 1. Overview

# **Overview of Aichi Prefecture**

Aichi Prefecture is located in the center of Japan, and is the core of the third-largest metropolitan area in Japan

Aichi has the world's leading automobile industry cluster

Nagoya city, the capital of Aichi, is the fourth-largest city in Japan



<sup>&</sup>lt;sup>1</sup> Source: Statistics Division of Aichi Prefectural Government, Statistics Bureau of Ministry of Internal Affairs and Communications, as of Oct 2024

<sup>&</sup>lt;sup>2</sup> Source: Economic and Social Research Institute of Cabinet Office, Japan as of JFY2023, Tokyo as of JFY2022 and Aichi as of JFY2022

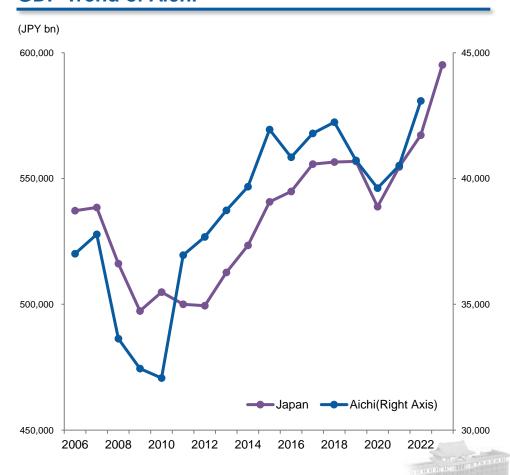
# **Economic Presence of Aichi Prefecture**

■ GDP of Aichi is third-largest among 47 prefectures, and is comparable to those of medium-sized countries in the world

#### **GDP** of the Countries around the World

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#	Country	GDP (USD bn)				
1	United States	29,184.9				
2	China	18,743.8				
3	Germany	4,659.9				
4	Japan	4,133.2				
43	Romania	382.8				
44	Pakistan	373.1				
45	Czechia	345.0				
46	Chile	330.3				
47	Portugal	308.7				
48	Finland	299.8				
-	Aichi Pref.	299.2				
49	Peru	289.2				
50	Kazakhstan	288.4				
51	Iraq 279					
52	Algeria 263.6					
53	New Zealand 260.2					

#### **GDP Trend of Aichi**

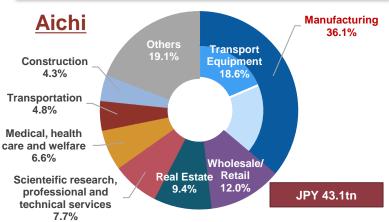


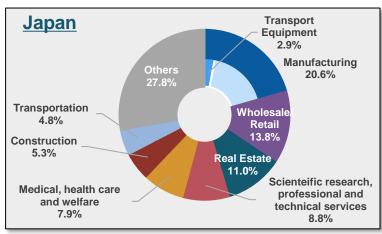
<sup>&</sup>lt;sup>1</sup>Source(except Aichi): World Bank, as of 2024, USD equivalent (1USD=144JPY)

# **Industrial Structure of Aichi**

- Diversified industrial structure with manufacturing sector at the core
- Aichi drives Japan's manufacturing sector, particularly the automotive industry

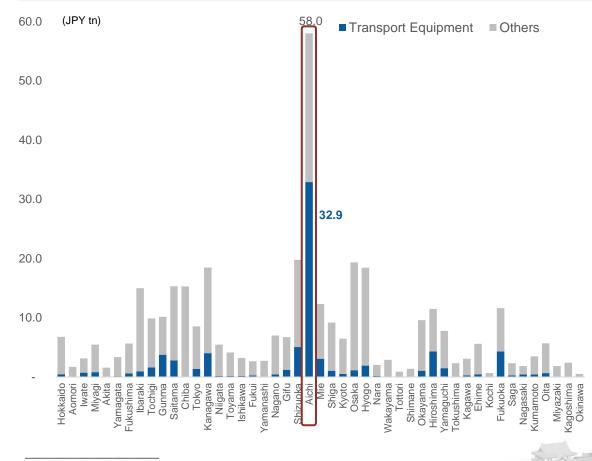
#### **Breakdown of GDP**





Source: Statistics Division of Aichi Prefectural Government (FY2022), Economic and Social Research Institute of Cabinet Office(CY2023)

### **Total Shipments of Manufactured Goods (47 Prefs, 2023)**



Source: "FY2024 Surveys on Economic Structure" issued by Ministry of Economy, Trade and Industry

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# Aichi as Industrial Capital

Aichi Prefecture is the industrial capital of Japan and manufacturing center that leads the world economy

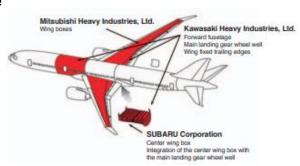
#### **Automobiles and Next-Generation Vehicles**

- Is home to Toyota Motor
- FCVs(Fuel Cell Vehicles)
  "MIRAI" were adopted as official cars by Aichi Pref. Government
- Supports research and demonstration of autonomous driving
- Has 34 hydrogen stations, the highest number of all prefectures in Japan



### **Aerospace**

- Designated as "The Special Zone to Create Asia's No.1 Aerospace Industrial Cluster"
- About 35% of a Boeing 787 is manufactured in Aichi Pref.



#### **Robots**

- Has established "the Aichi Robot Industry Cluster Promotion Council"
- Is working to develop and promote the widespread use of robots with the aim of fostering growth of the robot industry



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### **Startups**

- Since October 2024, "STATION Ai", Japan's largest startup support center, has been jointly operated in collaboration with SoftBank
- Implements startup support programs in collaboration with the University of Texas at Austin, Tsinghua University, and other institutions leading global innovation

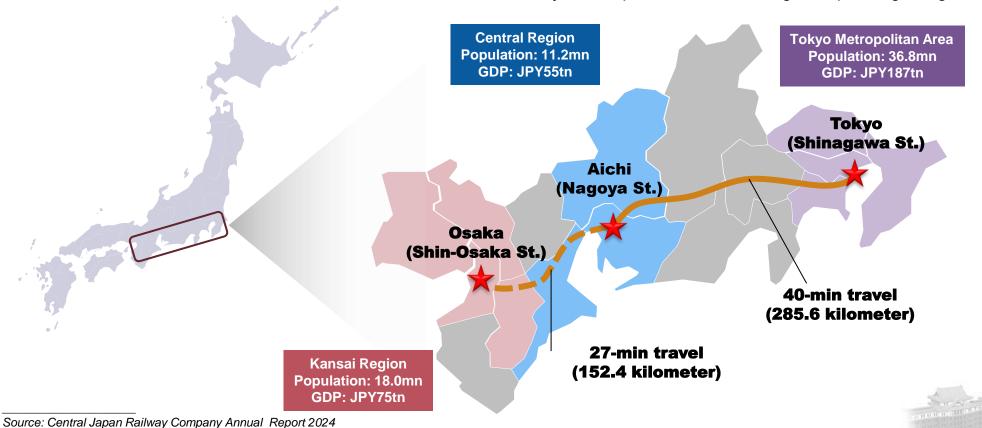




# Increasing Presence as a Part of "Super Mega Region"

### The Chuo Shinkansen Project using the Superconducting Maglev (SCMAGLEV) System

- The Chuo Shinkansen Project using the Superconducting Maglev System is a project to create faster artery transportation linking Tokyo, Aichi (Nagoya) and Osaka
- The Chuo Shinkansen will reduce travel time between Tokyo and Nagoya to only 40 minutes, significantly enhancing connectivity and business efficiency.
- Drastic reduction in travel time will lead to transformation of three major metropolitan areas into single "Super Mega Region"



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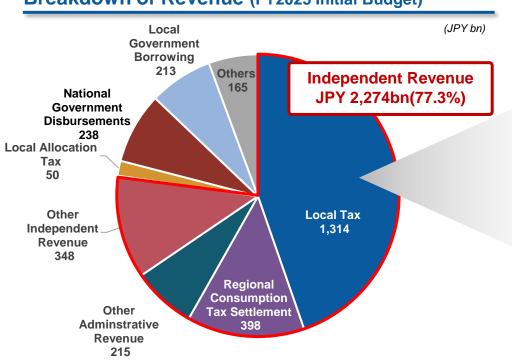
# 2. Fiscal Profile

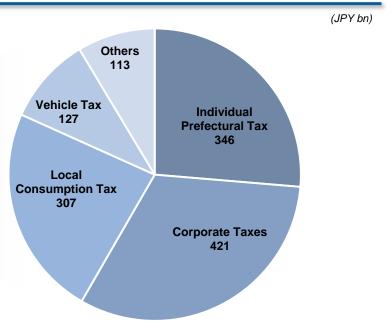
# Revenue and its Robust Structure

■ Majority of Aichi's revenue is covered by "Independent Revenue" source, and its ratio is one of the highest among Japanese local governments

### **Breakdown of Revenue** (FY2025 Initial Budget)

### **Breakdown of Local Tax Revenue** (FY2025 Initial Budget)



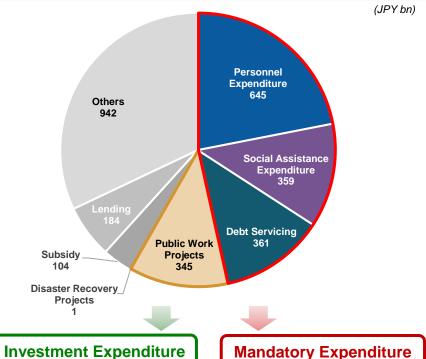


■ In FY2023, Aichi recorded 4<sup>th</sup> highest *Independent* Revenue Ratio among all local governments in Japan

# **Expenditure under Disciplined Control**

Aichi is handling the rising trend of mandatory expenditure by disciplined control to maintain fiscal soundness

### **Breakdown of Expenditure (FY2025 Initial Budget)**

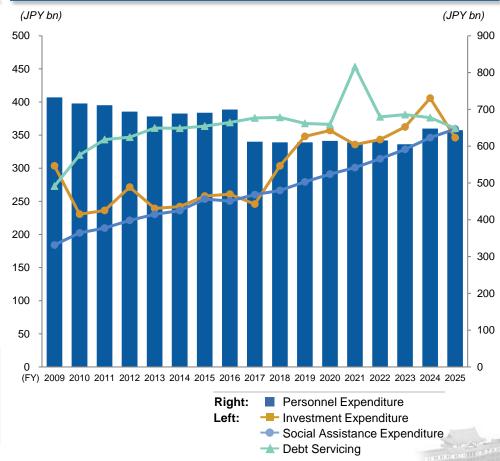


JPY346bn(11.7%) **FY2023 Financial Results** Aichi: 12.9% National Average: 14.3%

JPY1,364bn(46.4%) **FY2023 Financial Results** Aichi: 44.8%

National Average: 37.7%

### Trends in key items of Expenditure

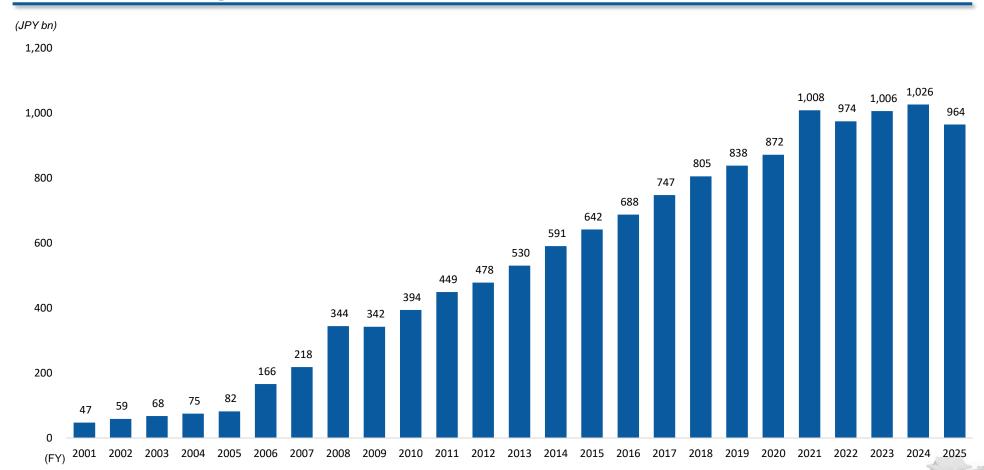


Source: Aichi Prefecture

# Sufficient Accumulation of Sinking Fund

Sufficient amount of sinking fund is set aside for the purpose of repayment for debt obligation

### **Balance of the Sinking Fund**





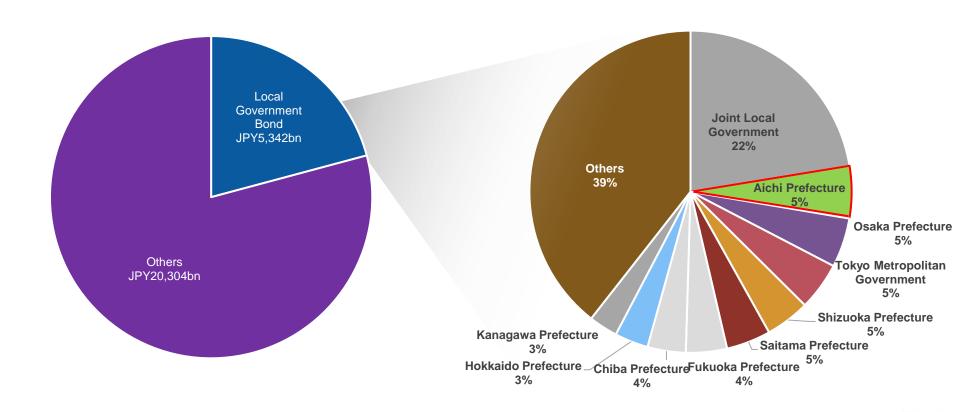
# 3. Aichi Local Government Bonds

# Aichi is a Leading Issuer of Local Government Bonds

■ Being one of the leading bond issuers in Japan, Aichi is the second largest Local Government Bonds issuer

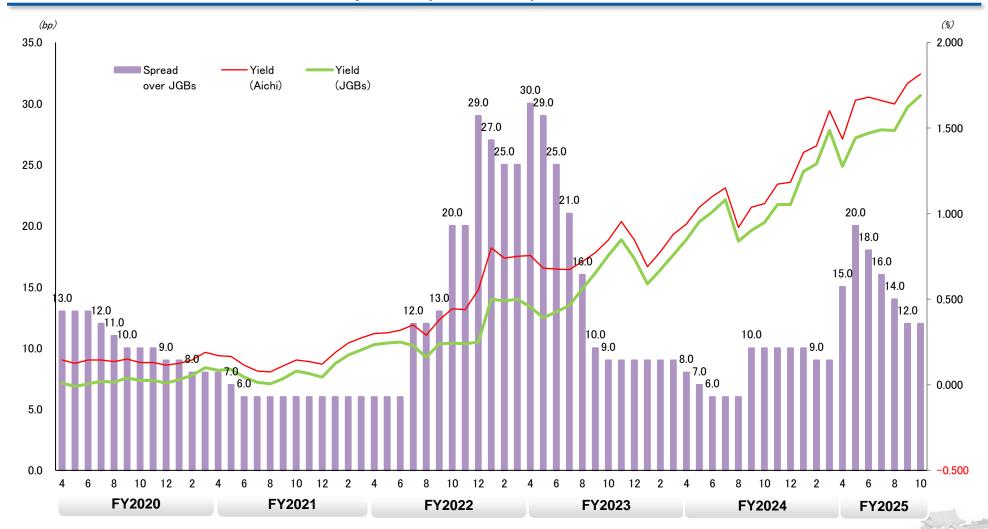
**Breakdown of Japan Domestic Bonds Market in FY2024** 

**Top Issuers of Japan Local Government Bonds** 



# Pick-up against JGBs

### 10-Year Bond Historical Yields and Spreads (New Issue)



# Ratings and BIS Risk Weights

- Aichi obtains credit ratings from 2 rating agencies
- Its ratings are identical as those of JGBs

### **Credit ratings of Aichi Prefecture**

#### International

S&P A+ (stable)

- Balanced financial management thanks to a strong local economy supported by highly competitive manufacturers
- Improving budget balances will reduce outstanding debt
- Stable independent revenue sources and steady financial administration results
- Same as JGBs and Tokyo Metropolitan
   (as of August 2025)

#### Domestic

R&I AA+ (stable)

(as of January 2025)

### Risk Weights under BIS Standards \*\*

JGBs	0%
Aichi LGBs	0%
Government agency bonds	10%~20%
Bank debenture bonds	20%
Straight bonds	20% or more

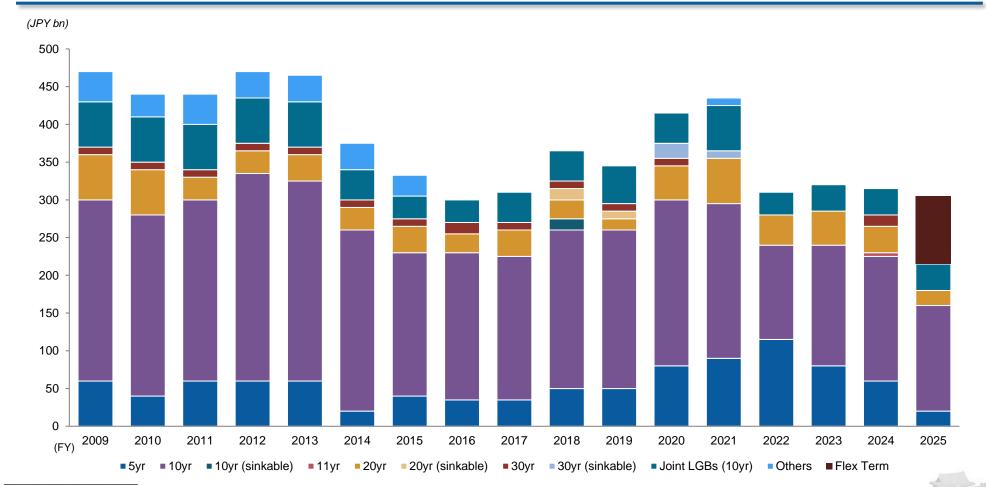
※ Risk weights for domestic investors in Japan.

For overseas investors, BIS Risk Weighting will depend on confirmation of relevant regulatory authority in each country.

# **Issuance Footprints**

Aichi continuously issues about JPY300 to 500bn per fiscal year

### **Issuance Volume Breakdown by Tenors**



Source: Aichi Prefecture

# FY2025 Public Offering Bond Issuance Plan

■ Aichi Plans to issue public offering bonds of JPY305bn in FY2025.

### **FY2025 Public Offering Bond Issuance Plan**

(JPY bn)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Joint LGBs (10yr)	5	5			5		10			5			30
Green Joint LGBs						1			2			2	5
5-year LGBs	<b>10</b>						10						20
10-year LGBs	12	12	12	12	12	<b>10</b>	12	12	12	12	10	12	140
20-year LGBs			10					10					20
Flex term	+15 upsize onto 5yr			15 issued as 30yr		+30 upsize onto 10yr	+5 upsize onto 5yr	which		e rest of the sued as Gre		(5yr)	90
Total													305

### **Concepts for the Plan**

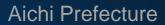
\*Actual Issuance as of October 10th 2025

- Continues monthly issue of 10-year bonds as benchmark
- Issues a variety of bonds including 5-year and super long
- Plans to issue fourth green bonds following first time in FY2022
- Offers flex term bonds for flexible funding to respond to investor needs
  - Upsize requests
  - Needs for diversified maturities

Source: Aichi Prefecture



# 4. Appendix



# Safeguard System of Japanese Local Government Bonds

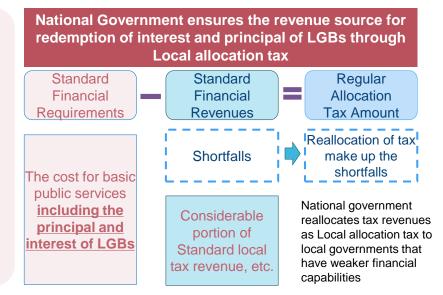
Japanese local government bonds have a risk weight of zero as a result of powerful national fiscal backing, a tax system designed to prevent failure and other measures as described below

#### 1. Local Allocation Tax System - Securing Financial Resources -

- When determining budgets for each fiscal year, the national government sets forth an estimate of revenues and expenditures for all local governments, and guarantees revenue shortfalls.
- As part of this system, the national government provides backing for the redemption of the principal and interest of local government bonds, thereby strengthening the repayment capacity of local government bonds by local governments.

#### 2. Bond issuance approval system as an early correction measure

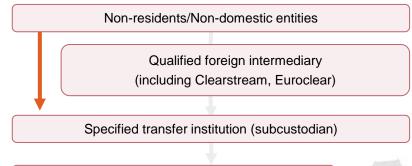
Local governments must discuss with the national government before issuing bonds, and receive confirmation that the new bond issuance is reasonable and will not negatively affect the local governments' future ability to repay principal and interest of local government bonds.



### **Outline of Tax Exemption for Non-Residents**

#### **Tax Exemption for Non-Residents**

Starting in 2008, with the Article 5-2 Act on Special Measures Concerning Taxation (Limited to the provisions related to nonresidents and foreign corporations), the interest gains on LGBs owned by non-resident or foreign corporations which settled by the book-entry system are exempted from withholding tax.



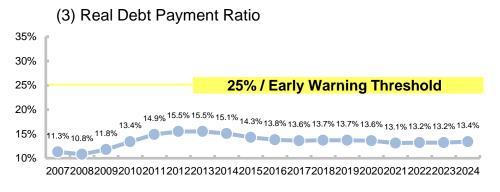
Director of tax office with jurisdiction over the specified transfer institution

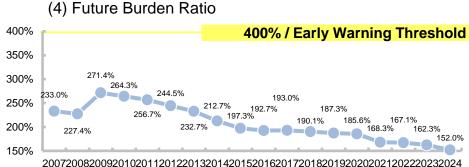
# **Financial Ratios**

#### **Fiscal Health Indicators**

All four key indicators that measure local government's financial soundness are comfortably below the limit levels.

	FY 2022	FY 2023	FY 2024	Early Warning Threshold
(1) Real Deficit Ratio	Not Applicable to Aichi Pref.			△ 3.75%
(2) Consolidated Real Deficit Ratio	Not Applicable to Aichi Pref.			△ 8.75%



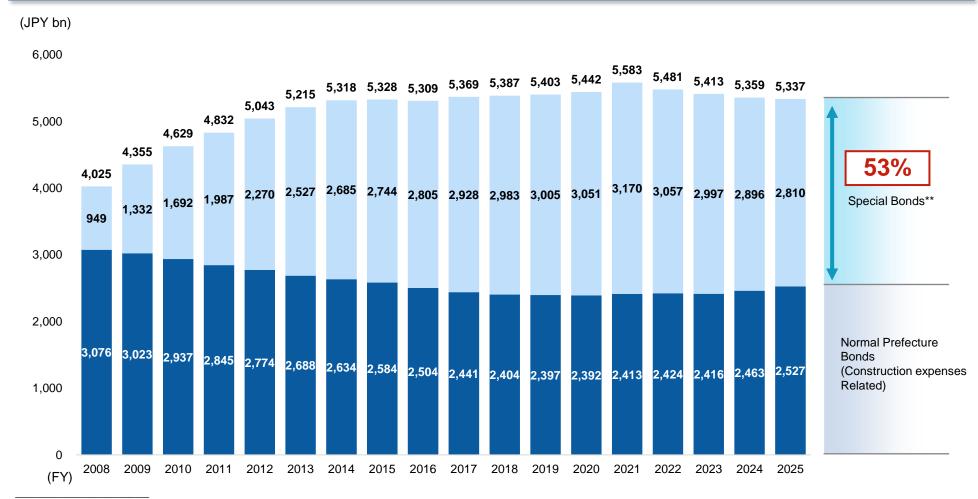


#### Details

- (1) The ratio of "real deficit within the General Account" to "standard financial scale".
- (2) The ratio of "all account-based real deficit" to the "standard financial scale".
- (3) The ratio of the "general revenue resources appropriated to pay off bonds" to the "standard financial scale".
- (4) The ratio of "future debts including those of the public-private joint sector as well as expected future debts on the General Account" to the "standard financial scale".

# **Historical Outstanding Volume (FY2008~)**

### **Historical Outstanding Volume from FY 2008\***



<sup>\*</sup>Based on ~FY2024: results/ FY2025: budget

<sup>\*\*</sup> Interim measures for fiscal condition and decline of tax revenue, etc.

# Aichi Prefecture Green Bond

Aichi Prefecture issued its third green bond in Dec 2024

#### Aichi Pref's third Green Bond: Issue Details

Tenor	5 year	11 year		
Issue amount	JPY 10.0bn	JPY 2.5bn		
Coupon	0.809%	1.500%		
Issue Price	100.00	100.00		
Issue Date	20 December 2024 21 February 2025			
Ratings	A+ (S&P), AA+ (R&I)			
SPO	R&I			

### **Use of Proceeds: Case Study**

#### **Green Buildings**











**Climate Change Adaptation** 

- In FY2024, the main projects include the construction of STATION Ai and the Aichi International Arena (IG Arena).
- These facilities are being developed with a strong emphasis on environmental performance, aiming to reduce energy consumption and greenhouse gas emissions.

#### Other Use of Proceeds

#### **Pollution Prevention** and Control



**Upgrades of air pollution** monitoring systems





**Paving of forest roads** 



Before Installation

Before renovation



After Installation

Renovation of farm irrigation facilities as part of disaster prevention measures for farmland





Before renovation After renovation

**River and Coastal Maintenance** 



**Biodiversity Conservation** 



Improvement of river environments

### **Energy Efficiency**



Switching to **LED** traffic lights



Installation of forest control facilities

Before Installation







**Development of erosion** control facilities



14 LIFE **\*\*\*** 

15 UFE ON LAND