Efforts for Further Development and Enhancement of Statistical Business Register in Japan
- Improvement of Update Frequency -

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Statistics Bureau,
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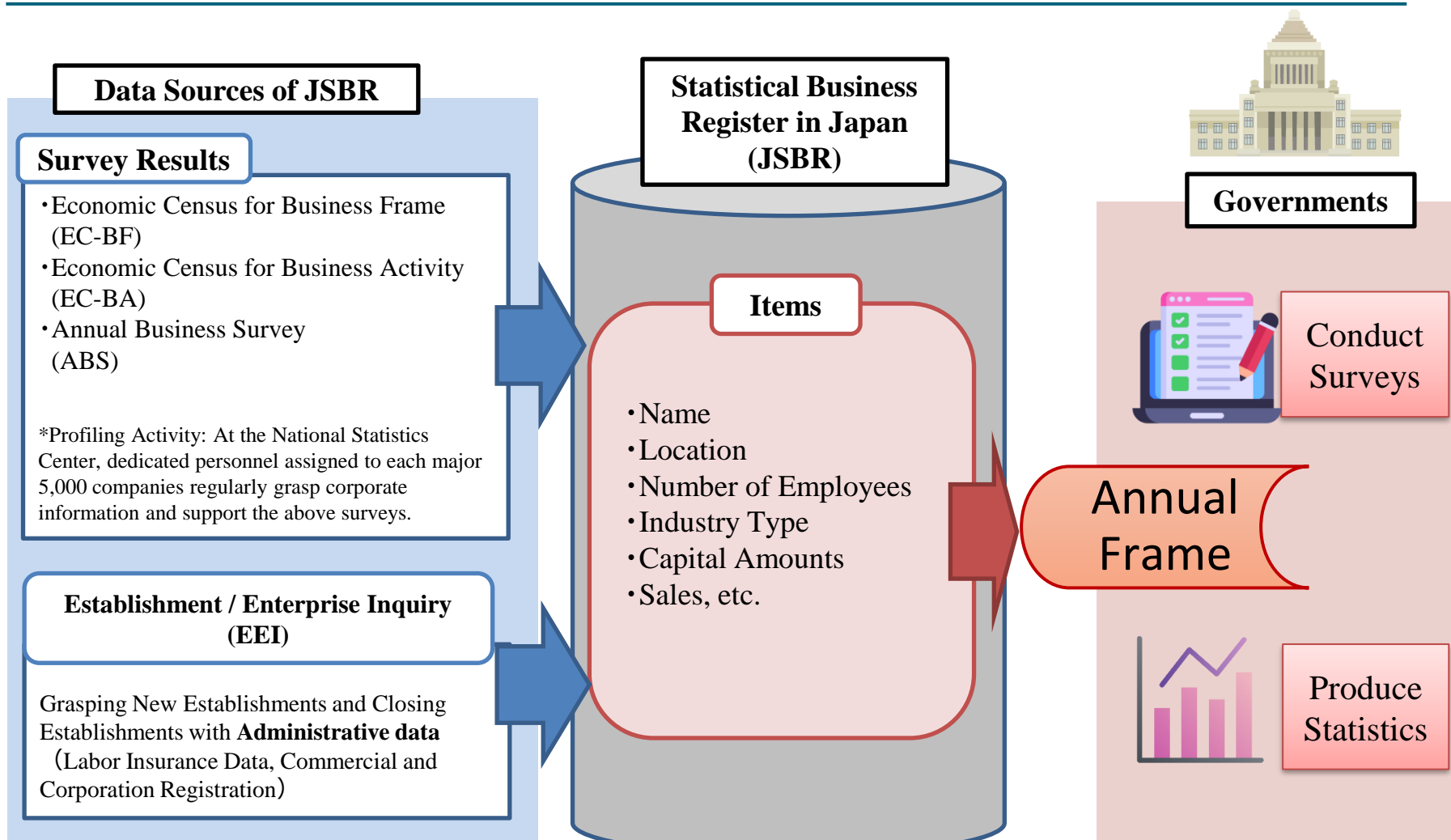Government of Japan

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I. Introduction to JSBR

Introduction to JSBR

Data Sources of JSBR

Survey Results

・Economic Census for Business Frame (EC-BF)
・Economic Census for Business Activity (EC-BA)
・Annual Business Survey (ABS)

*Profiling Activity: At the National Statistics Center, dedicated personnel assigned to each major 5,000 companies regularly grasp corporate information and support the above surveys.

Establishment / Enterprise Inquiry (EEI)

Grasping New Establishments and Closing Establishments with **Administrative data** （Labor Insurance Data, Commercial and Corporation Registration）

Statistical Business Register in Japan (JSBR)

Items

・Name
・Location
・Number of Employees
・Industry Type
・Capital Amounts
・Sales, etc.

Governments

Conduct Surveys

Annual Frame

Produce Statistics

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Images of Each Record in JSBR

Enterprise: Legal Unit

Head office

branches

Establishments: Local Unit
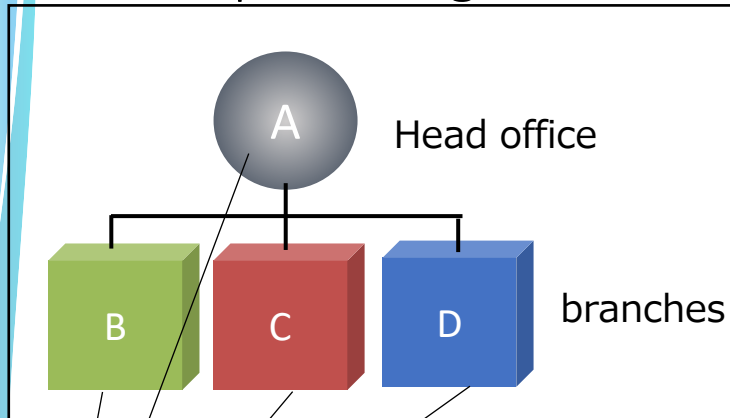
Enterprise as the statistical unit

	ID	Name	Address	Industry	Sales	． ．
1						

Establishment as the statistical unit

	ID	Name	Address	Industry	Sales	． ．
A						
B						
C						
D						

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Data Source: Economic Census

Economic Census

Business Frame (EC-BF)

- Gathering information for the basic structure of business units
- Focusing on the number of establishments, enterprises, employees, etc.

Business Activity (EC-BA)

- Identifying the details of economic activities of businesses.
- Focusing on the amounts of sales, costs, value added, etc.

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Data Source: Economic Census（cont.)

Target: ALL Enterprises and Establishments (as of 1st July in every five years)

● Survey Methods:

・ Up-to-date-list of enterprises/establishments was extracted from SBR

→ Mailing, Online, enumerators

　- Existing enterprises/establishments **: Mainly mailing/online**

　- "New" enterprises/establishments (and small enterprises such as individual proprietorships) **:Enumerator**

● Questionnaire Items :
Number of persons engaged, Business activity, Financial items, etc

Enumerator

approx. *70,000*

Mailing

ONLINE

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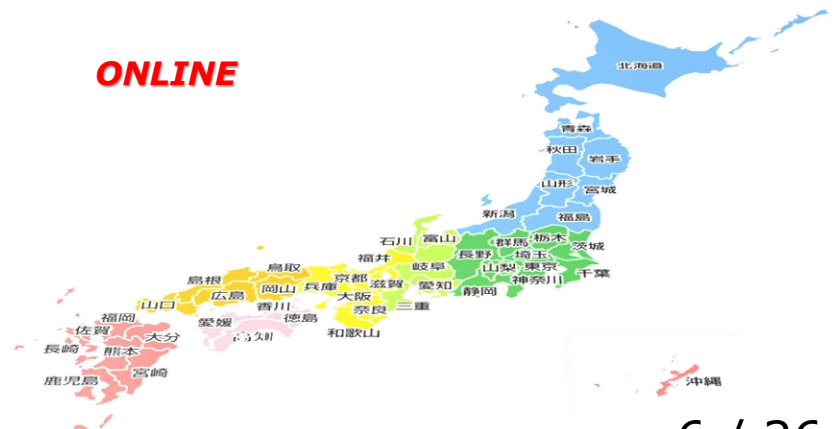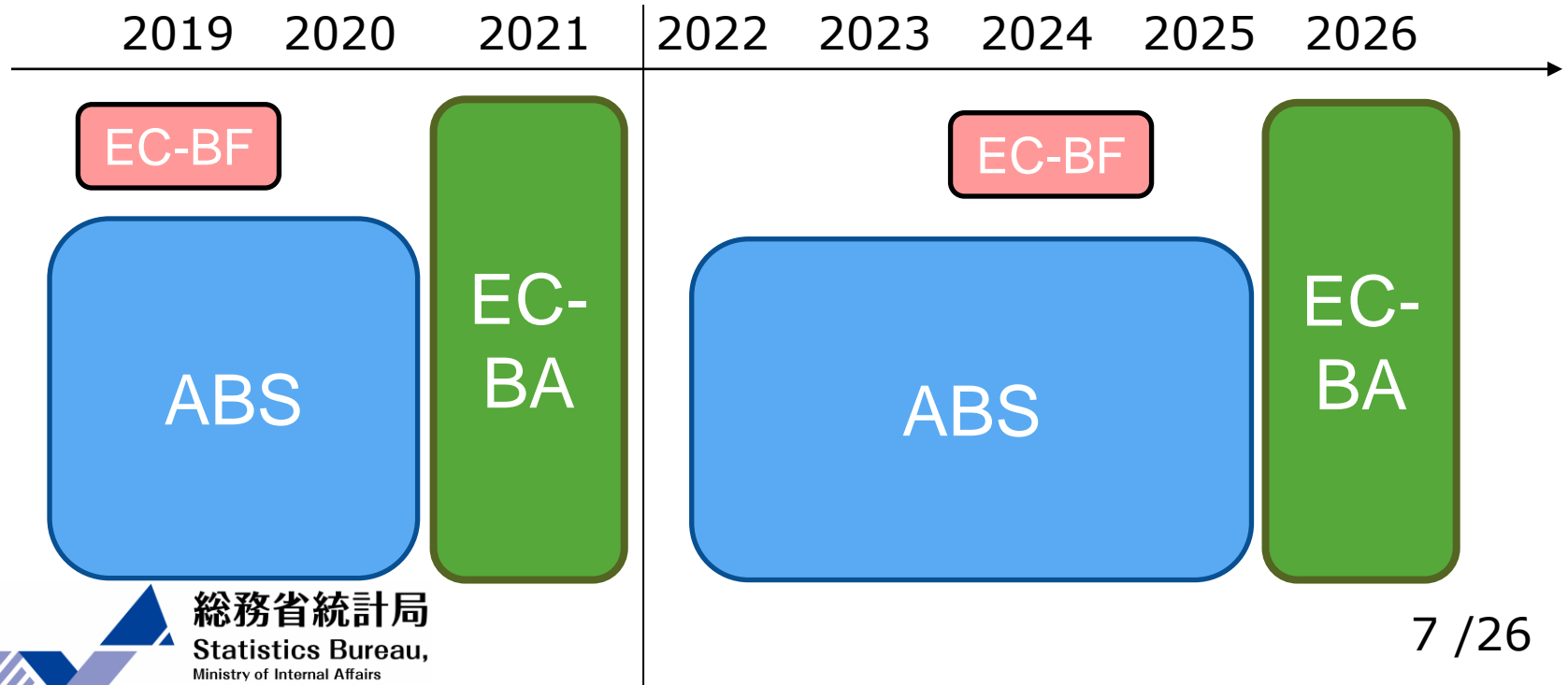
Data Source: Annual Business Survey (ABS)

- For the years in which the EC-BA is not conducted, we conduct Annual Business Survey (ABS) .
- This survey covers all enterprises above a certain scale in all industries.

a five-year cycle.

| 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |

EC-BF

ABS

EC-BA

EC-BF

ABS

EC-BA

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Data Source: Establishment / Enterprise Inquiry (EEI)

- We find the clue of newly started or closed business establishments with the administrative data, "Labor Insurance Data" and "Commercial and Corporate Registration."

- We conduct the EEI targeting the newly started business establishments to grasp the status of business activities and basic items.

- We conduct the EEI targeting the closed business establishments to grasp the status of business activities.

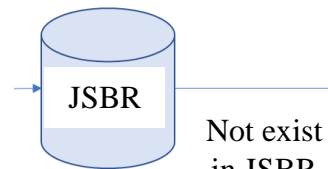eg. the EEI using Labor Insurance Data

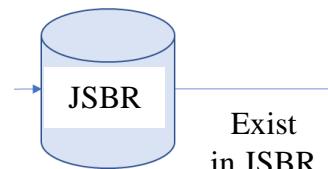The difference of "Labor Insurance Data" between last month and this month

last month   this month
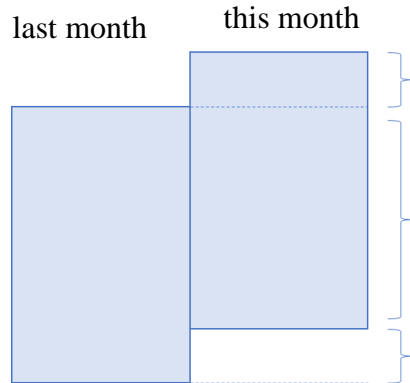
Newly started establishments → JSBR → Not exist in JSBR → Conduct the EEI targeting the establishments

Existing establishments

Closed establishments → JSBR → Exist in JSBR → Conduct the EEI targeting the establishments

II. Brief Recap of Maturity Model

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Brief Recap of Maturity Model

Maturity model is supposed to be a tool to:

- share knowledge and best practices

- determine the current state of your SBR

- determine possible next steps for development

- find help and guidelines to actually be able to take those steps

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Structure of Maturity Model

Maturity model consists of a set of <u>7 dimensions</u> and <u>4 stages</u> of development for each dimension.

Improvement measures	IV. Advanced
	III. Mature
II. Early	
I. Preliminary	
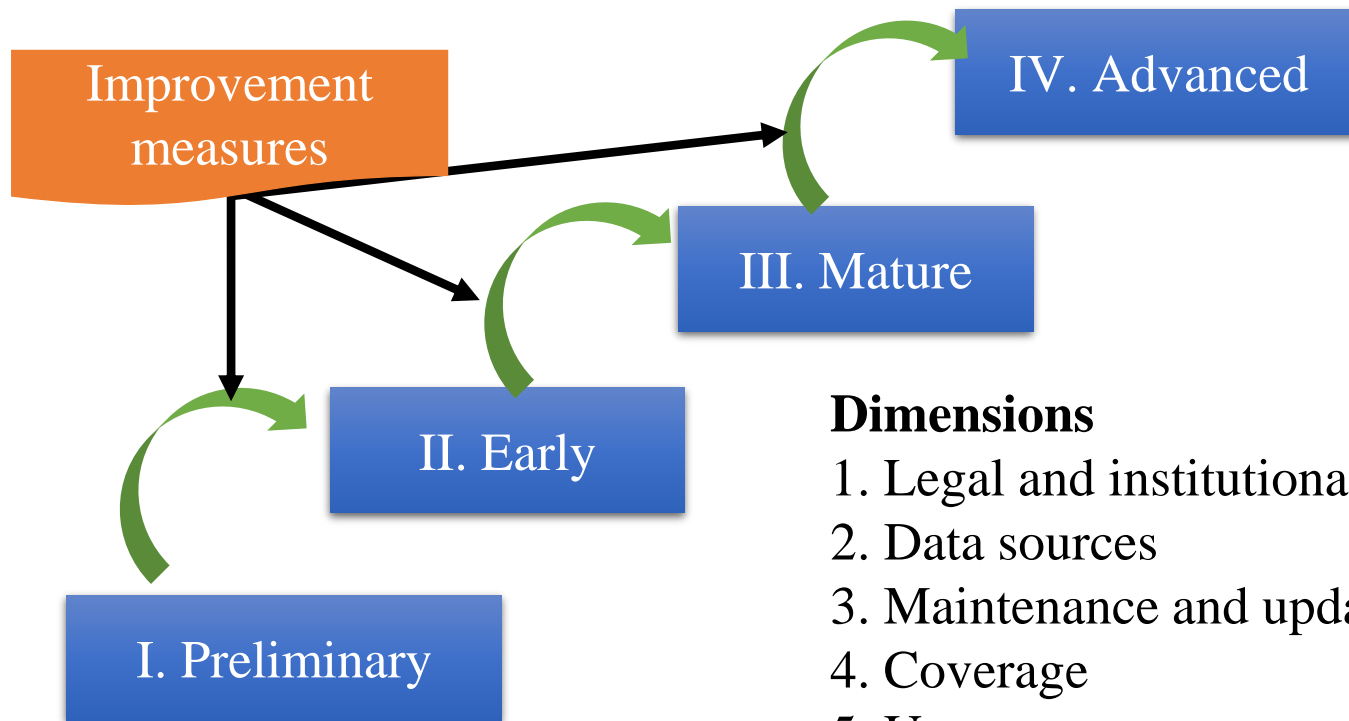
Dimensions
1. Legal and institutional framework
2. Data sources
3. Maintenance and update
4. Coverage
5. Use
6. IT environment
7. Interoperability

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JSBR Details in Seven Dimensions

1. Legal and institutional framework

Following provisions are in the statistical law *rough translation
-Establishment and maintenance of SBR
-User of the SBR : government, local government, etc
-Limitation of use :only statistical purpose
-For statistical purpose, the head of the ministry may make a request to the
  heads of other ministries for the provision of administrative records.

2. Data sources

-Economic censuses, Statistical surveys,
-Administrative data (business registration, labor insurance data, etc.) with SBR
  Maintenance surveys
(Profiling data)

3. Maintenance and update

Frequency (frequency of output of frozen frame) : Once in every year

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JSBR Details in Seven Dimensions

4. Coverage

-Coverage: All enterprises and establishments*[1] except for some specific industries*[2]

*[1]Around 4 million enterprises, 6million establishments

*[2]such as unincorporated ones(individual proprietorships) that fall under Agriculture, Forestry and Fisheries.

-Variables: Location(Address), Number of persons engaged, Sales (Income), Total expenses, Startup date etc.

5.USE

To provide frozen frame

6.IT

Database structure

7 Interoperability

ID within government : Corporate number

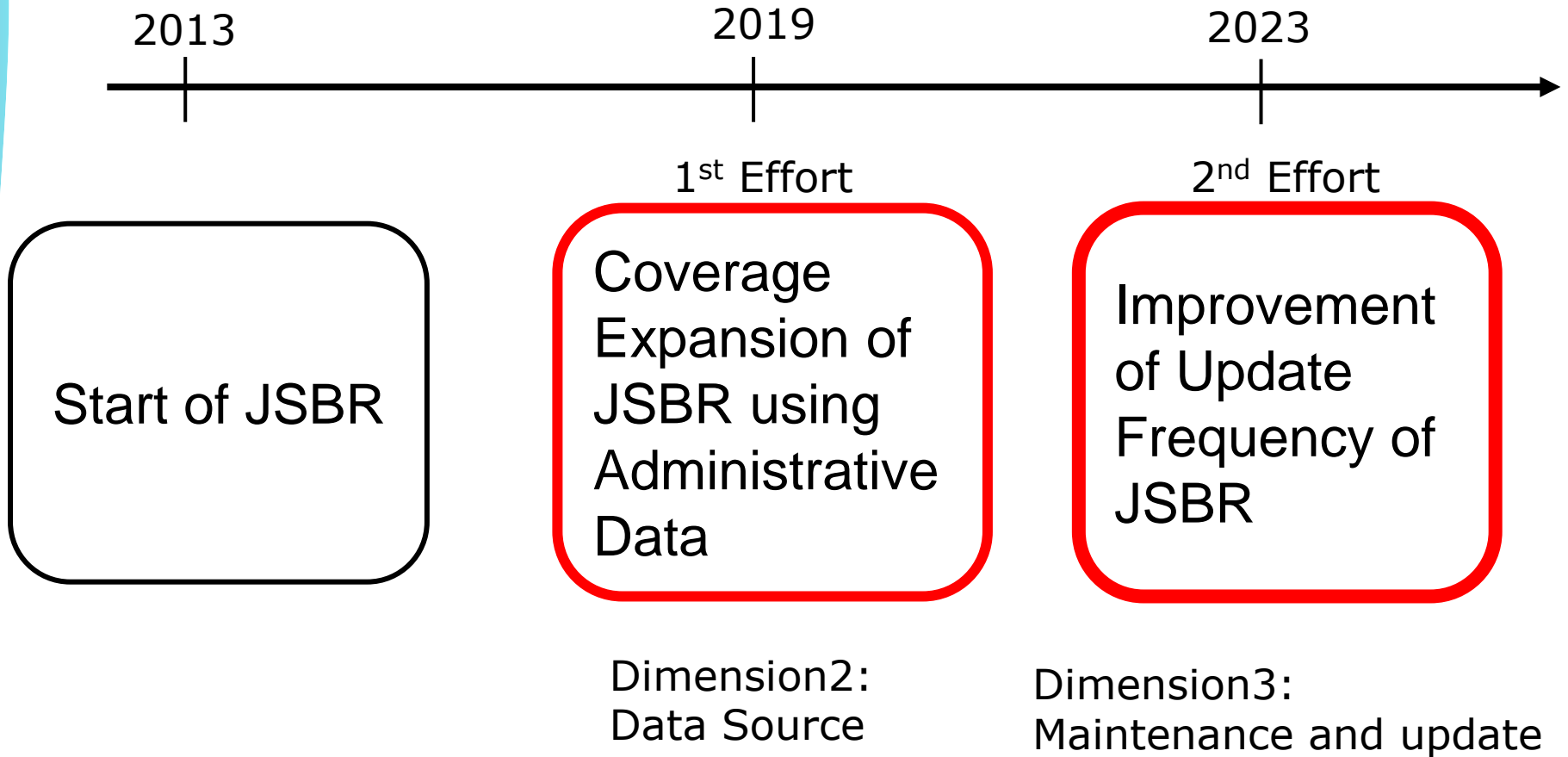ID within SBR uses :　　- ID per establishments

　　　　　　　　　　　　　- ID per enterprises

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Ⅲ. **Efforts to Improve JSBR**

Efforts to Improve JSBR

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        2013                    2019                    2023
          |                       |                       |
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1st Effort

2nd Effort

Start of JSBR

Coverage Expansion of JSBR using Administrative Data

Improvement of Update Frequency of JSBR

Dimension2: Data Source

Dimension3: Maintenance and update

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1ˢᵗ Effort:
New Data Source - Corporate Number -

- The National Tax Agency in Japan publishes the "Corporate Number" on its website with the name and the location of the head office or principal office of corporations.

- "Corporate Number" is a 13-digit number, which is freely available administrative data to anyone.

1ˢᵗ Effort

- In 2019, we compared corporations in JSBR with the ones in the Corporate Number website.

- We added 1.6 million corporations to JSBR.

- We conducted 2019 EC-BF to capture the activity of the 1.6 million corporations.

- We confirmed the status of 1.0 million corporations, which results in expanding the coverage of JSBR.

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Characteristics of Enterprises added from Corporate Number
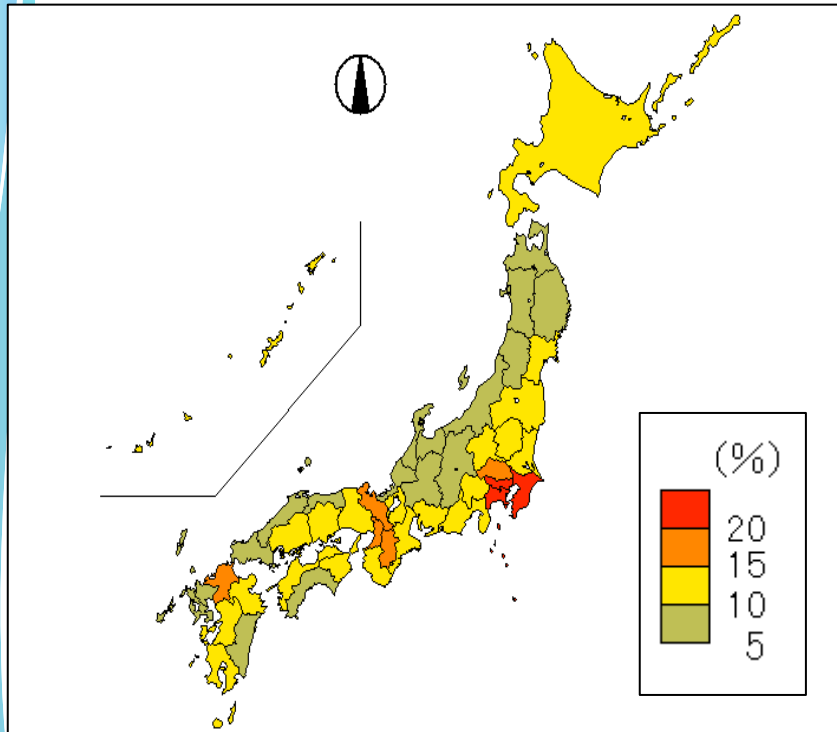
- Enterprises added from Corporate Number concentrate on Metropolitan areas such as Tokyo and Osaka.

- Many of them are located in private residence, apartment, or small buildings, which is difficult to find from outside.

- Enterprises in "Real estate and goods rental and leasing" are dominant in terms of numbers and sales.

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2ⁿᵈ Effort:
New Data Source - New Establishment / Enterprise Inquiry -

- We regularly update the basic items of the enterprises of the top 80% of sales in the JSBR with the combination of the ABS and the EEI in the interim years.

- From 2023, in addition to the EEI for new or closed establishments, we also started to conduct <u>the new EEI targeting the existing enterprises having multiple establishments</u>.

- This results in updating the basic items of the enterprises of the top 90% of sales in the JSBR with the combination of the ABS and the new EEI.

2ⁿᵈ Effort:
New Data Source: 2024 Economic Census for Business Frame

- Taking the cost effectiveness and alleviating the burden on local governments into account, we decided to exclude individual proprietorships without employees which accounts for only 0.4% of total sales in JSBR.

- We still grasp the basic items of the top 99.6% of sales in JSBR.

The Relationship between the Area of the Surveys and Updated Area of JSBR
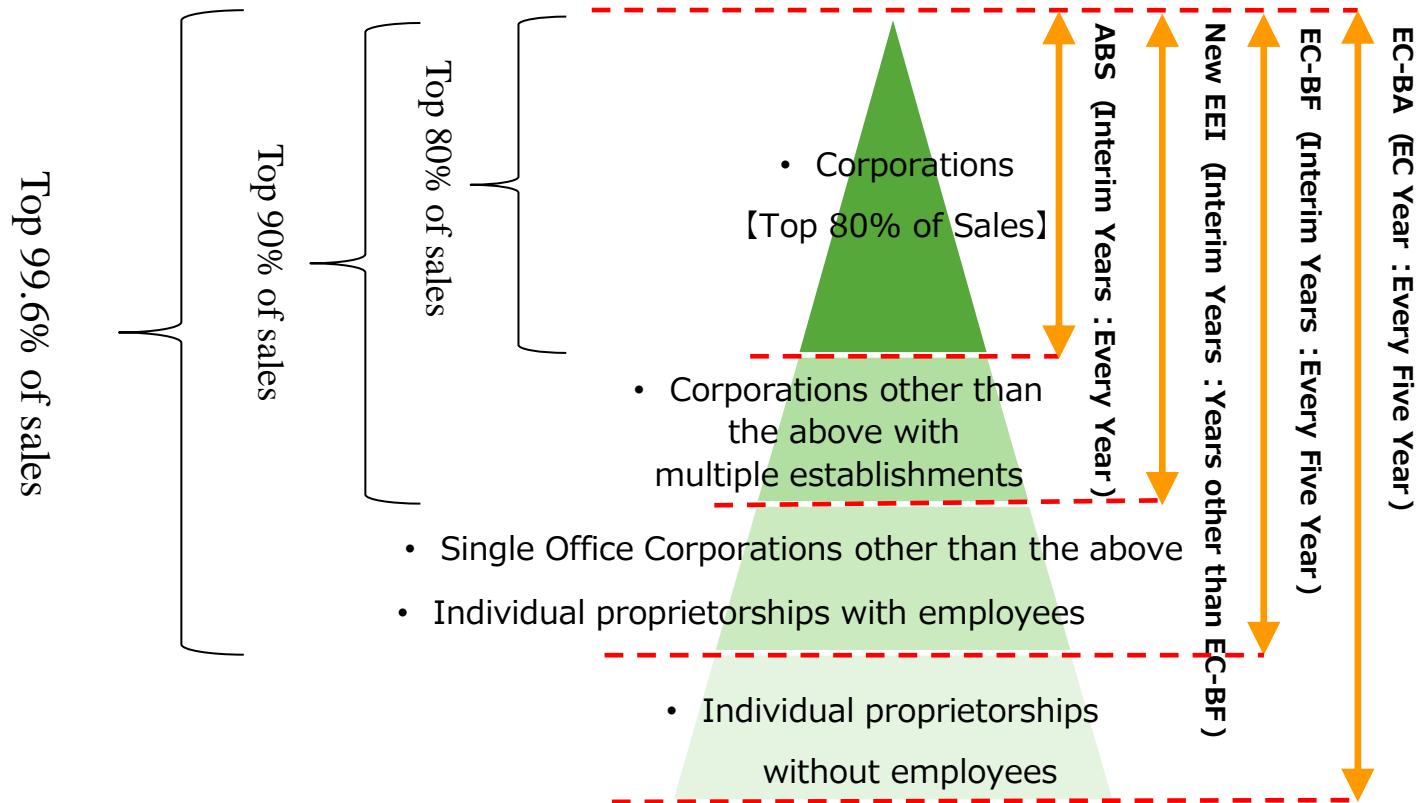
(Ref) Survey Method of 2024 Economic Census for Business Frame

- We are going to carry out the Census in an online precedence fashion to boost the online response rate.

  * Government goal of online response rate in economic statistical surveys is 80%.

- We only apply online and mailing survey, i.e., no enumerator.

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V. Schedule

Schedule

The Cycle of Surveys Used to Update the JSBR

Base Year	Interim Years					Base Year
2021 （Result）	2022 （Result）	2023 （Result）	2024 （Plan）	2025 （Plan）	2026 （Plan）
・EC-BA （100%）*	・ABS ・EEI （80%）	・ABS ・New EEI （90%）	・ABS ・EC-BF （99.6%）	・ABS ・New EEI （90%）	・EC-BA （100%）

* The coverage of JSBR

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Summary

● The data source of JSBR is the hybrid of survey results, Economic Census and Annual Business Survey, and administrative data.

● 1st effort: we expanded the coverage of JSBR using new data source: Corporate Number.

● 2nd effort: we developed the EEI and the EC-BF to improve the update frequency of JSBR.

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Future Challenge

- Grasping individual proprietorships with administrative data

- Catching closing business

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Thank you for your attention!

Census-kun   Mirai-chan