

Voorburg Group in Services Statistics
Touch meeting 2024



Update Cycle of the National Economic Business Surveys in Mexico, base 2018: Monthly Services Survey.



Authors:

Susana Pérez Cadena

Director General of Economic Statistics

Araceli Martínez Gama

Deputy Director General of Economic Surveys

Ariel Juárez Morales

Director of the Tertiary Sector Economic Surveys

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Virtual meeting



Index

1

Introduction

2

Legal
framework

3

Conceptual
design

4

Statistical
design

5

Data
Collection

6

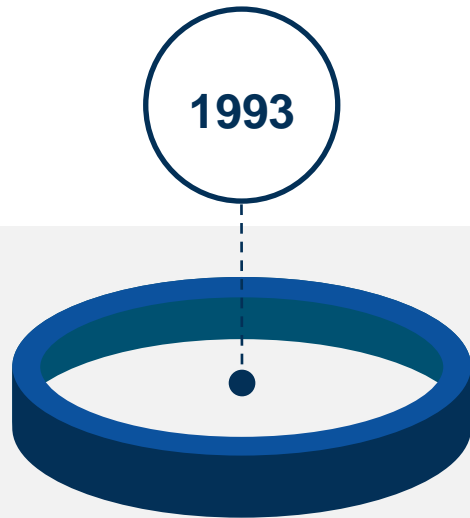
Statistical
offer

7

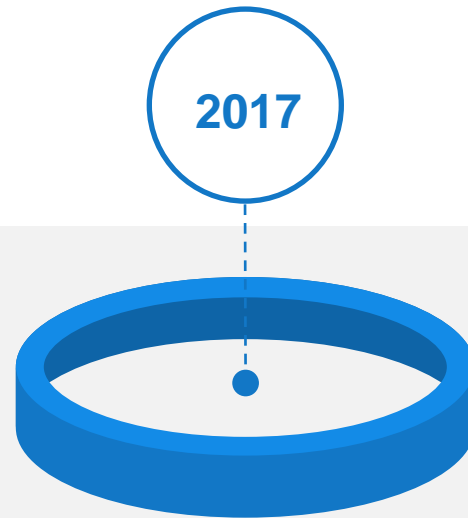
Results and
future work

Introduction

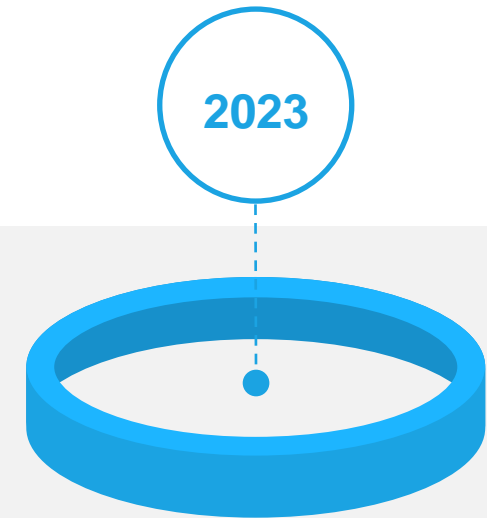
Monthly Services Survey Evolution



Emergence of
Monthly Services Survey



Update Cycle of the
Economic Information
Base year change to 2013



National Economic Business
Surveys Update
Base 2018

Main objective

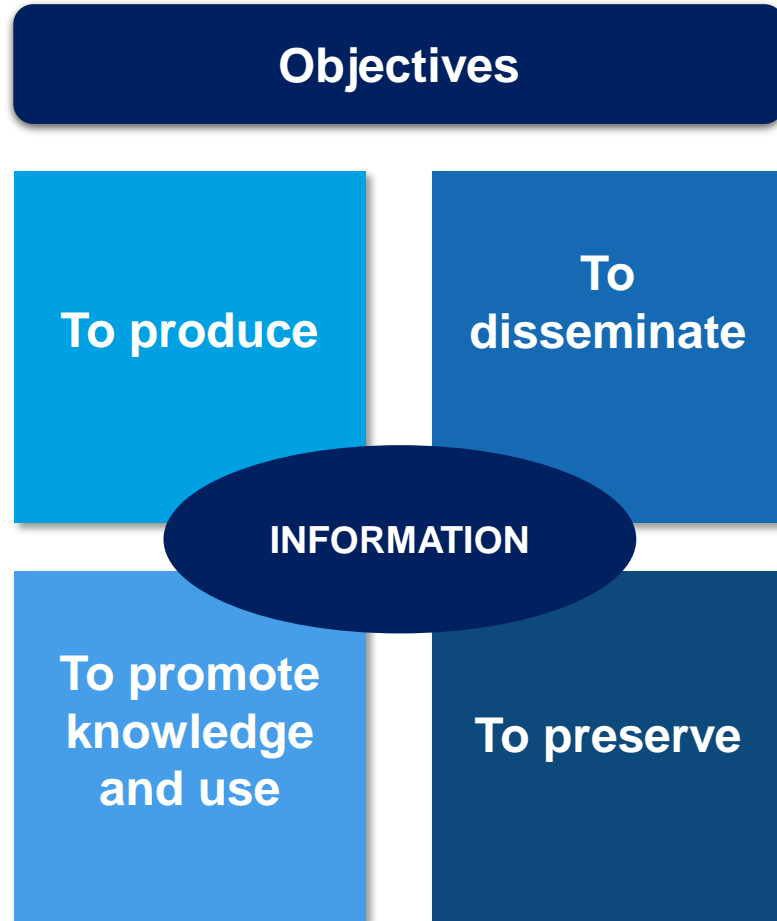


To provide economic statistic information on a timely and permanent basis about activities provided by non-Financial Private Services to know the main features, trending and economic influence.



Legal framework

National Statistical and Geographic Information System Law



Four National Information Subsystems:

- a) Demographic and Social
- b) Economic**
- c) Geographic, Environment and Territorial and Urban Planning
- d) Government, Public Safety and Administration of Justice

National Statistical and Geographic Information System Law



National Economic Information Subsystem: it provides a set of indicators related to the National Accounts System; science and technology; financial information; prices and labor.

**Integrated System
of Surveys in
Economic Units
(SIEUE*)**



Is the set of surveys conducted in Mexico that provides technique, normative and methodological elements for the output of statistical information in a standardized way.

* by its acronym in Spanish

Economic Units Surveys



Monthly process:

• National Construction Companies Survey *

• Monthly Manufacturing Industry Survey *

• Monthly Business Enterprise Survey *

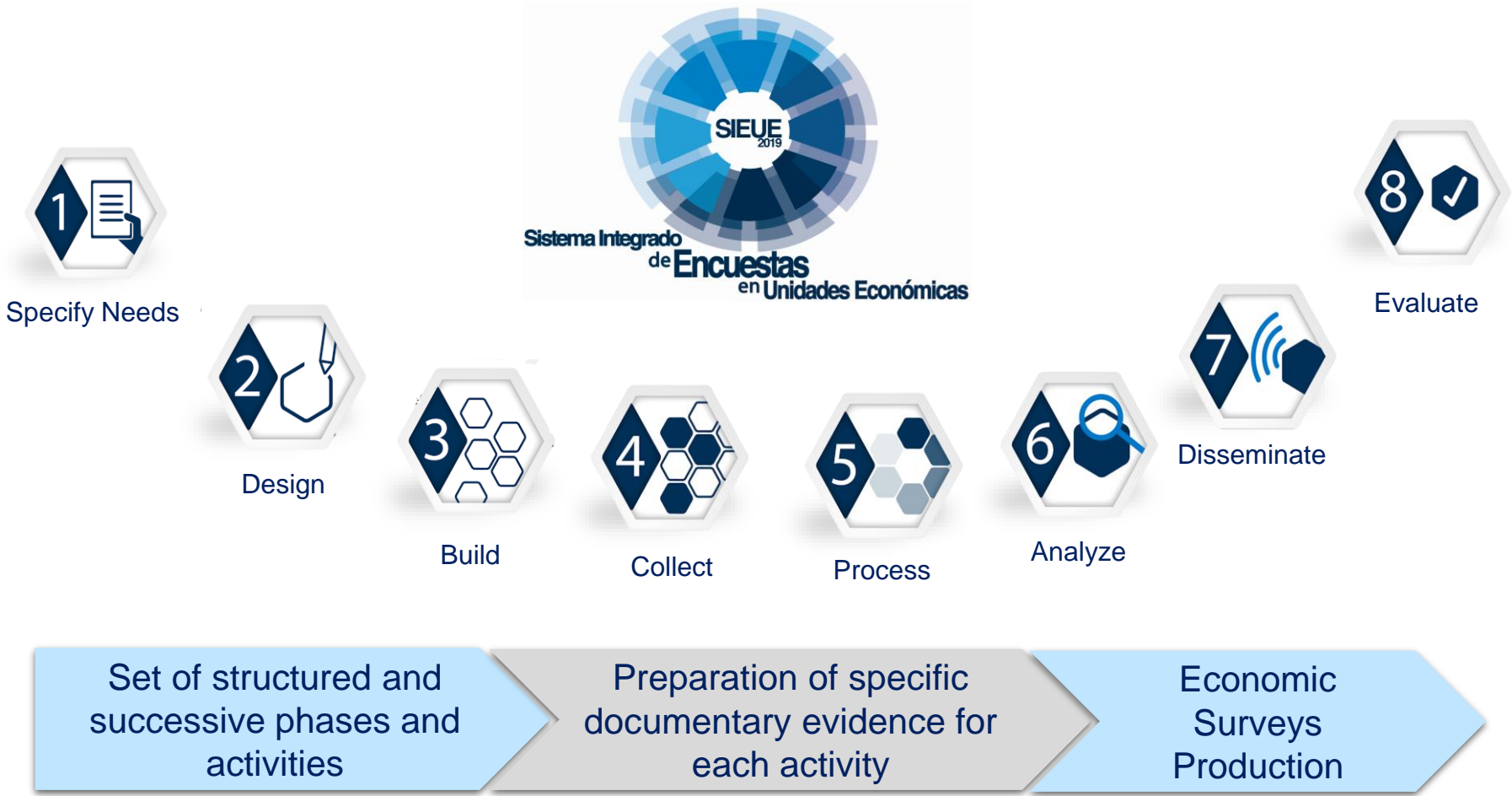
• **Monthly Services Survey ***

• Monthly Business Opinion Survey

• International Travelers Survey

* They also have an annual process

Information Production Process



Conceptual design

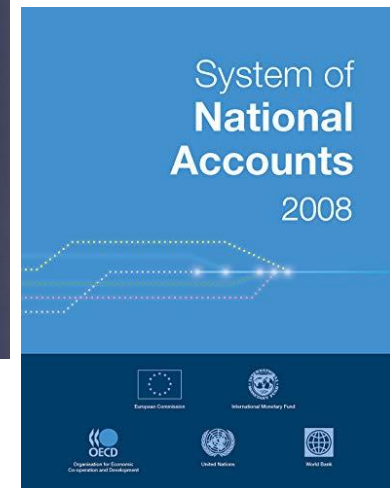
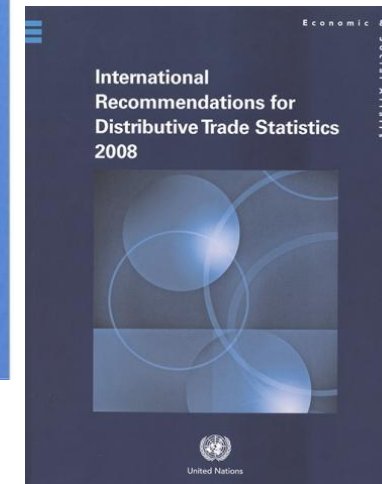
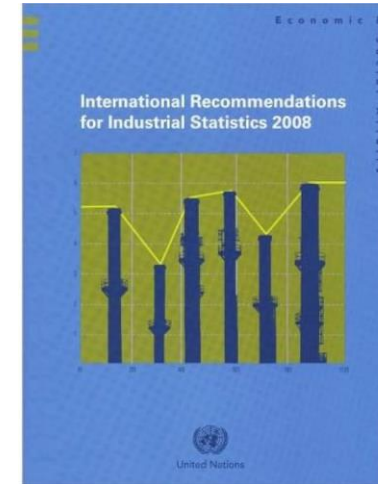
Standards and recommendations



National

<p>Principles and Best Practices for the Statistical and Geographic Activities of the SNIEG.</p> 	<p>Technical Standard for the Generation of Basic Statistics</p> 	<p>Technical Standard for Metadata Elaboration for Projects for the generation of Basic Statistical Information and statistical components derived from geographic projects</p> 
<p>Standard for Quality Assurance of Statistical and Geographic Information</p> 	<p>Technical Standard for the Production Process of Statistical and Geographic Information</p> 	<p>Statistical and Geographical Information Programs Change Management Process Guidelines</p> 

International



National standards and best practices for generation of Economic Business Surveys are followed

Update base 2018



Sistema de Clasificación Industrial de América del Norte, México SCIAN 2018



NAICS 2018



Economic Censuses 2019



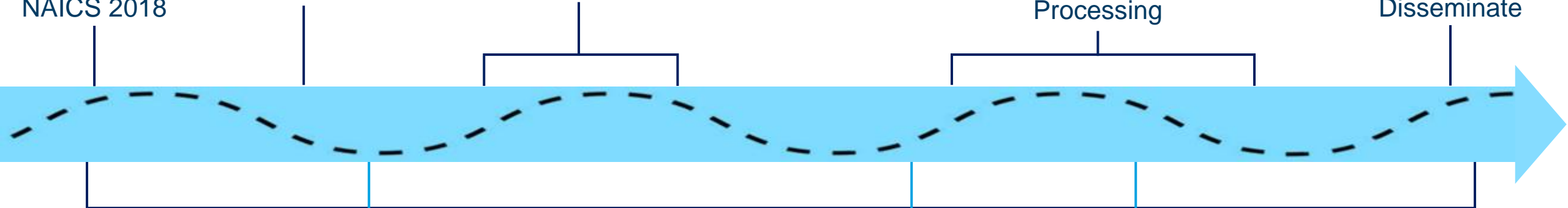
Sampling frame



Processing

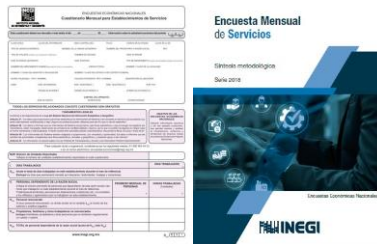


Disseminate



2020

Public Consultation on the Updating of the National Economic Surveys



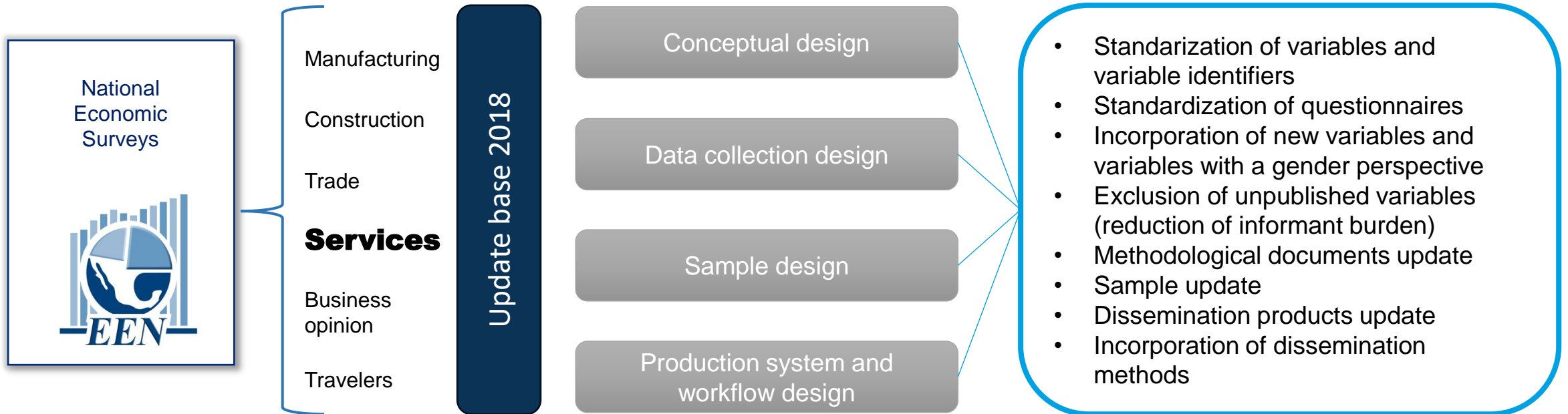
Conceptual design



Data collection

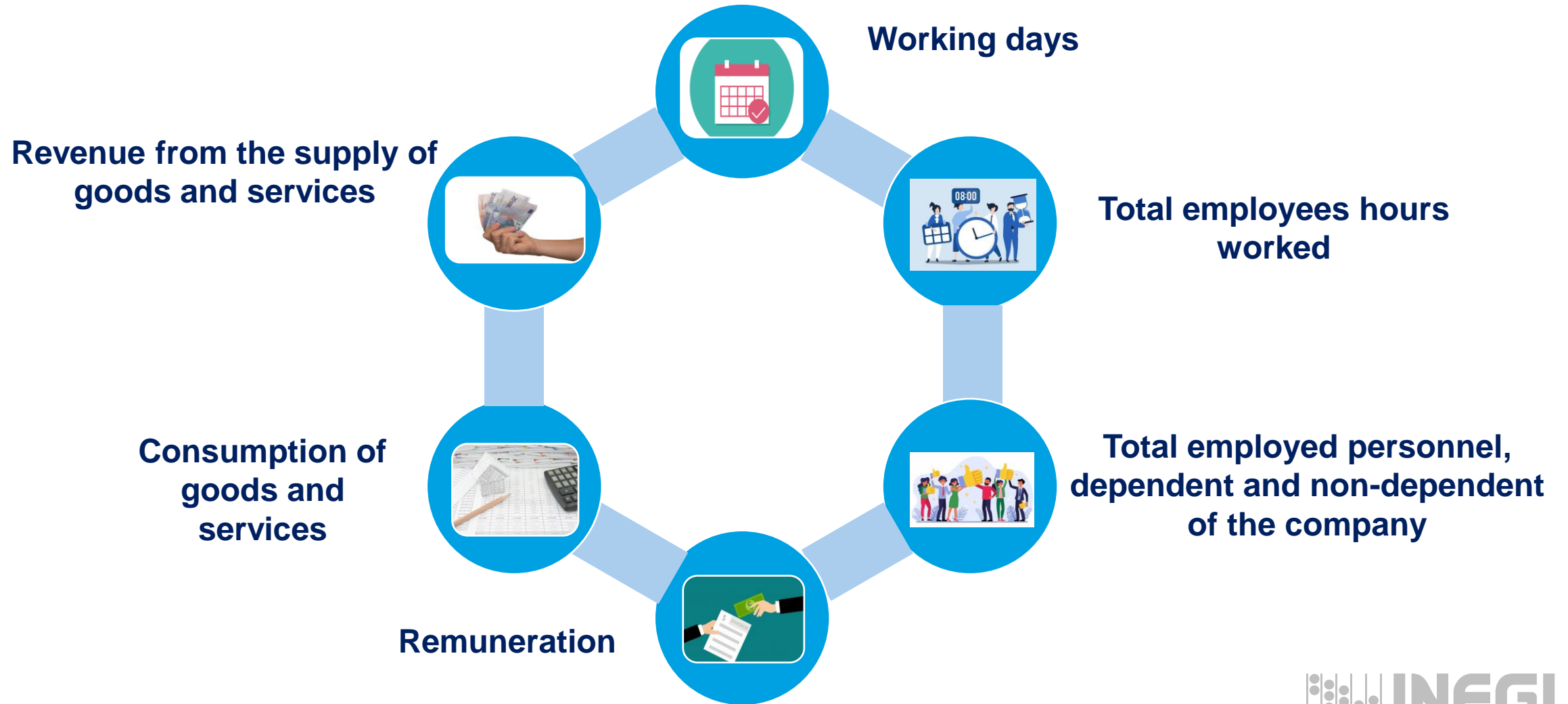


Update base 2018



Other updates

Thematic coverage



NAICS Economic Sector covered by the Survey



NAICS 2018	Description
48-49	Transportation and Warehousing
51	Information
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)

Statistical design

Sampling frame



Sources

Five-year

Applicable to all economic units



Annual

Large Case Units



Services sampling frame

1 810 756
Economic units



Sampling frame



Population under study

Economic units classified within the economic activity sectors of non-financial private services, according to NAICS 2018.

Temporary coverage

It covers the year through monthly surveys

Design

Combined: probabilistic and non-probabilistic methods

Sectoral coverage

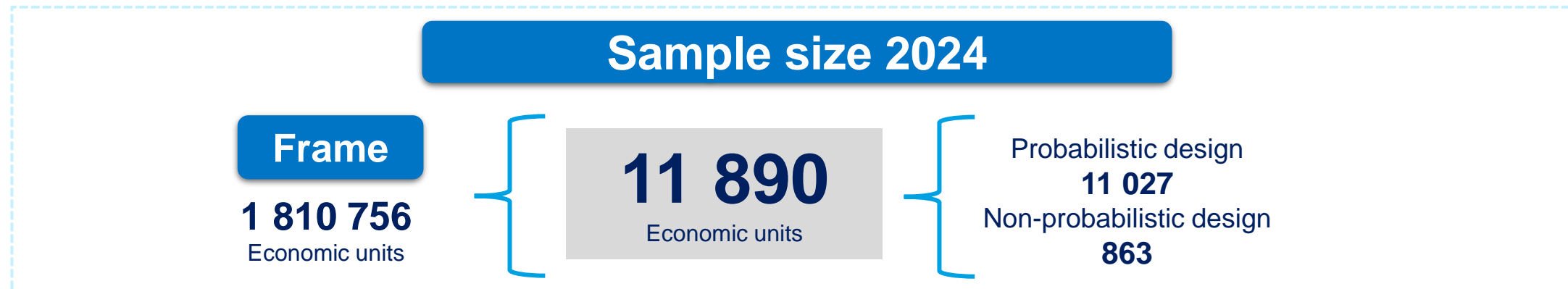
Economic activities according to NAICS 2018:

- 10 by Economic Sector (2-digit)
- 3 by Subsector (3-digit)
- 58 by Industry Group (4-digit)
- 88 Economic Sector/Federated State

Geographic coverage

National and by the most important economic Sectors of the Federated States

Statistical design



Probabilistic

Coefficient of variation

2 - 9 %

Non-response rate

10 - 25 %

Level of confidence

95 %

Non-probabilistic

Design variable

Income for supply of goods and services

Minimum coverage

Greater than or equal to 80% of income

The economic units are selected from the highest to the lowest income level until the established coverage is reached

Data Collection

Operational field structure



10

By region

34

By Federated State

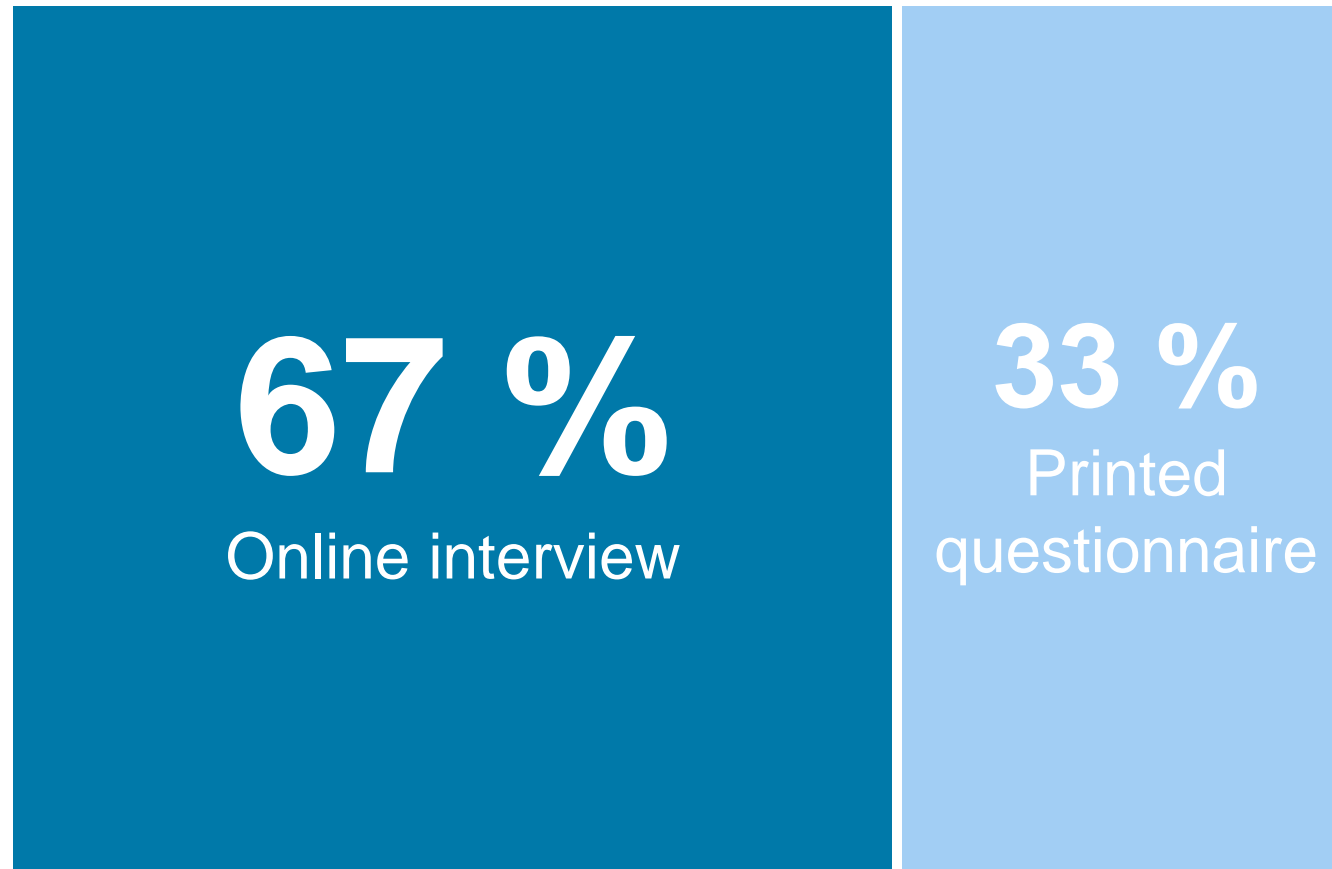
865

Interviewers, Supervisors and
Groups Leaders

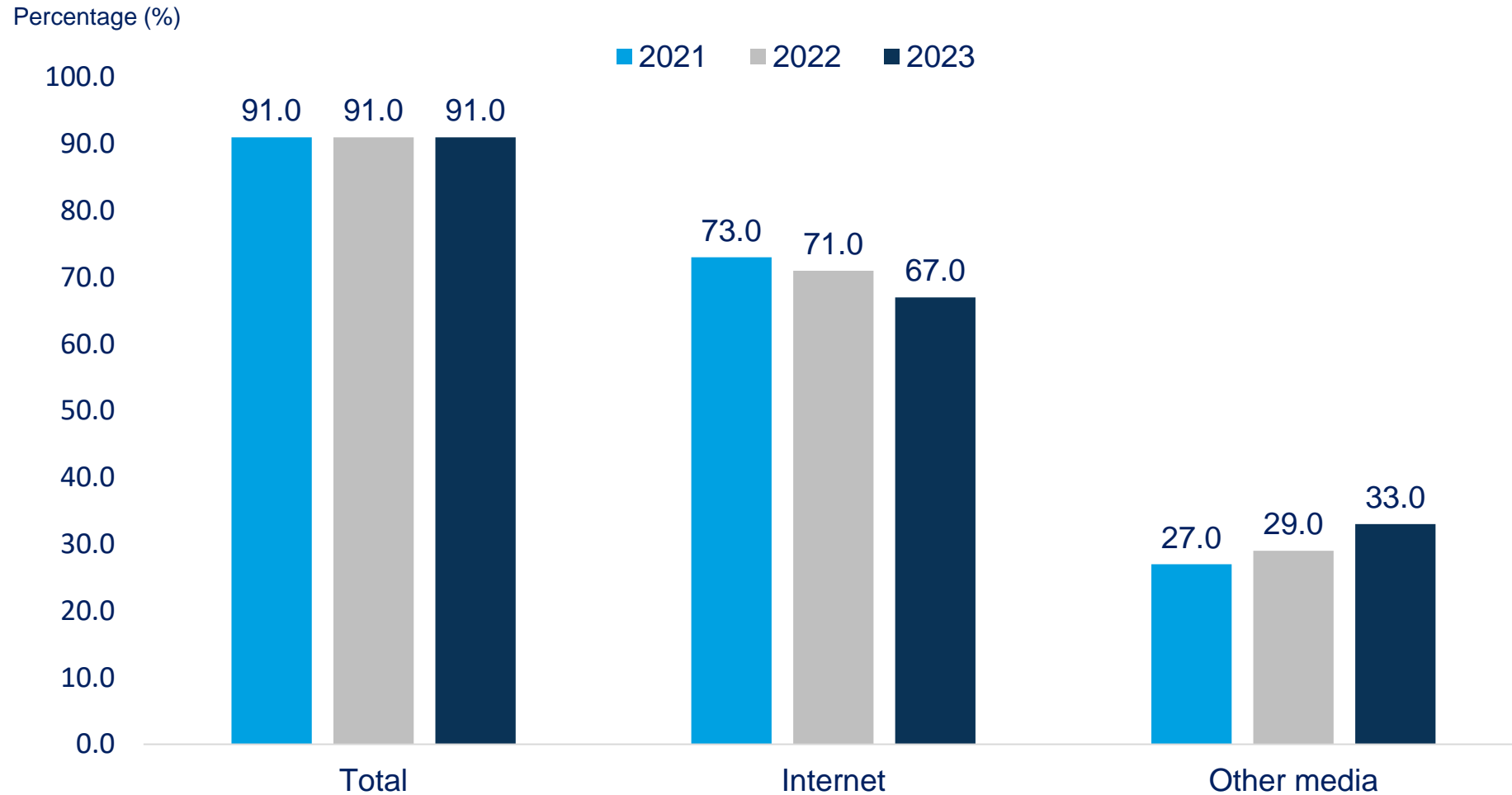
Means of collection



Nearly seven out of 10 economic units are collected through the internet



Annual response rate



Statistical offer

Statistical offer



a. National

- ✓ 10 by Economic Sector (2-digit)
- ✓ 3 by Subsector (3-digit)
- ✓ 58 by Industry Group (4-digit)
- ✓ 46 by National Industry (6-digit)

b. Main sectors by Federated State

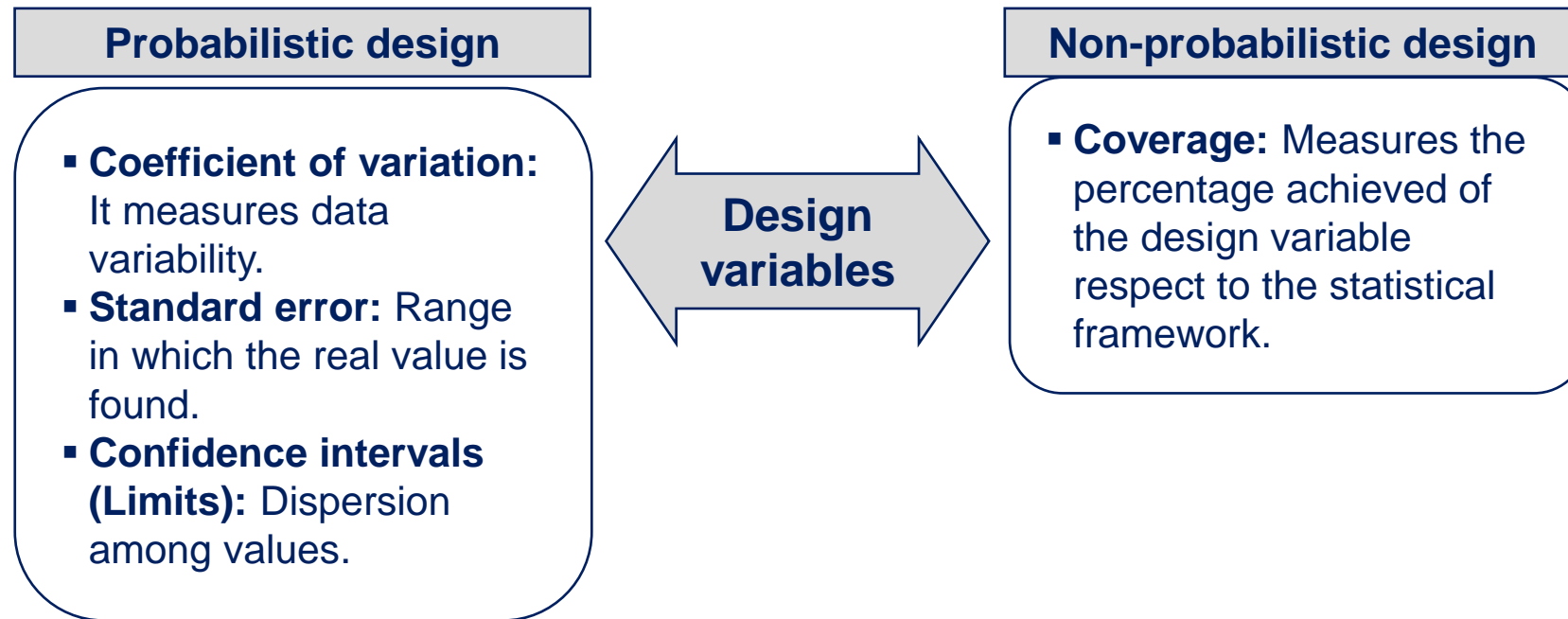
- ✓ 88 Main sectors by Federated State

The sectors:

- Information and Accommodation and food services are measured in the 32 States and the remaining States with their most important sectors of activity.



Statistical Accuracy Indicators



* Income and number of employees for probabilistic design
Income for non-probabilistic design

Dissemination products



Monthly indexes and their annual variation:

- Total income for the supply of goods and services
- Number of employees and their hours worked*
 - Total number of employees
 - Personnel dependent on the company
 - Personnel non-dependent on the company
- Total expenditures for consumption of goods and services
- Total remuneration

Period	
National	Main Economic Sectors by Federated states
From January 2008	From 2013

* Worked hours next to be published

Dissemination products



Website links:

Information program: <https://www.inegi.org.mx/programas/ems/2018/>

Theme: <https://www.inegi.org.mx/temas/servicios/>

Economic Information Bank: <https://www.inegi.org.mx/app/indicadores/?tm=0>

Indicators bank: <https://www.inegi.org.mx/app/indicadores/>

Other dissemination formats

Social media:    

Press site: <https://www.inegi.org.mx/app/saladeprensa/>

InfoINEGI Corporate Monthly Services Survey: Vía e-mail

Video tutorials: <https://www.youtube.com/@INEGIInforma>

Results and future work

Results of the update base 2018



- ✓ Update cycle compliance
- ✓ Reduction of number of non-probabilistic domains
- ✓ Improved of coverage
- ✓ Integrated National-Federated States in one sample design
- ✓ Supply of information that reflects the current economic reality

Future work



Fully probabilistic design

- To achieve a probabilistic design for total study domains.

Base 2023

- Start work on the change of base 2023.

Chain indexes

- To be forerunners in the use of chained indexes as part of our processes.

THANK YOU



Conociendo
México

800 111 46 34
www.inegi.org.mx
atencion.usuarios@inegi.org.mx

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