



Session 3: Globalisation and Profiling

The Determination Study of the Selection Criteria for Particular Group Enterprises/ Enterprises to be Profiled in BPS – Statistics Indonesia

25th Meeting of the Wiesbaden Group on Business Registers
- International Roundtable on Business Survey Frames
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Background

- determined by budget, time, and human resources



- regarding the resource requirement



- large
- complex

Number of profiled businesses (n)

How to select the business appropriately ?

What criteria for profiled business?



Current State – Profiled Population

Profiled population consisted of 3 sources:

- 1. Top 100 Largest Private Groups** in Indonesia, published by a business magazine
- 2. State-Owned Enterprises**, from Ministry of State-Owned Enterprise
- 3. Listed-Companies** on Indonesian Stock Exchange



1. Top 100 Largest Private Group in Indonesia



- Globe Asia: Indonesian business magazine
- Top 100 Groups - annual publication
- Revenue as ranking criteria
- Government/ public enterprises are excluded
- Foreign-owned enterprises operating in Indonesia are included



2. State-Owned Enterprises

Table 1. Total number of SOEs from 2013-2016

	2013	2014	2015	2016
Listed/ Public SOEs	20	20	20	20
Non Listed SOEs	105	85	85	84
Special Purpose Entity (Perum)	14	14	14	14
Total Number of SOEs	139	119	119	118

Source: Ministry of SOEs



3. Listed Companies on Indonesian Stock Exchange

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Company Profile

Issued History

Financial & Annual Report

Announcement

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Listed Company Calendar

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Company Profile

Search By Stock Bonds

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Search All By Code

● **A B C D E F G H I J K L M N O P Q R S T U V W X Y Z** ● All

No.	Code	Name	Listing Date
1	AALI	Astra Agro Lestari Tbk	09-Dec-1997
2	ABBA	Mahaka Media Tbk	03-Apr-2002
3	ABDA	Asuransi Bina Dana Arta Tbk	06-Jul-1989
4	ABMM	ABM Investama Tbk	06-Dec-2011
5	ACES	Ace Hardware Indonesia Tbk	06-Nov-2007
6	ACST	PT Acset Indonusa Tbk.	24-Jun-2013
7	ADES	Akasha Wira International Tbk Tbk	13-Jun-1994
8	ADHI	Adhi Karya (Persero) Tbk	18-Mar-2004
9	ADMF	Adira Dinamika Multi Finance Tbk	31-Mar-2004
10	ADMG	Polychem Indonesia Tbk	20-Oct-1993
11	ADRO	ADARO ENERGY Tbk	16-Jul-2008
12	AGII	PT Aneka Gas Industri Tbk.	28-Sep-2016
13	AGRO	Bank Rakyat Indonesia Agroniaga Tbk	08-Aug-2003
14	AGRS	PT Bank Agris Tbk	22-Dec-2014
15	AHAP	Asuransi Harta Aman Pratama Tbk	14-Sep-1990

- **Total number:**
537 companies.
- Financial statement are **publicly available.**



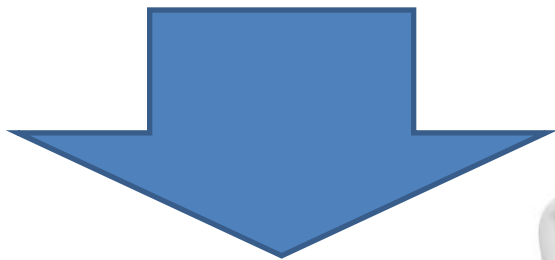
Current State – The Criteria

- BPS SBR does not implement size criteria for profiled units → subjective basis
- Large criteria is only available in survey areas for statistics stratification and dissemination purposes
- The criteria for profiled units nothing to do with survey criteria



Desire Future:

- Create profiled population → expand scope of units
- Using large and complex criteria



Study to Determine
the Criteria



Profiled unit criteria (based on AfDb Guideline on SBR)

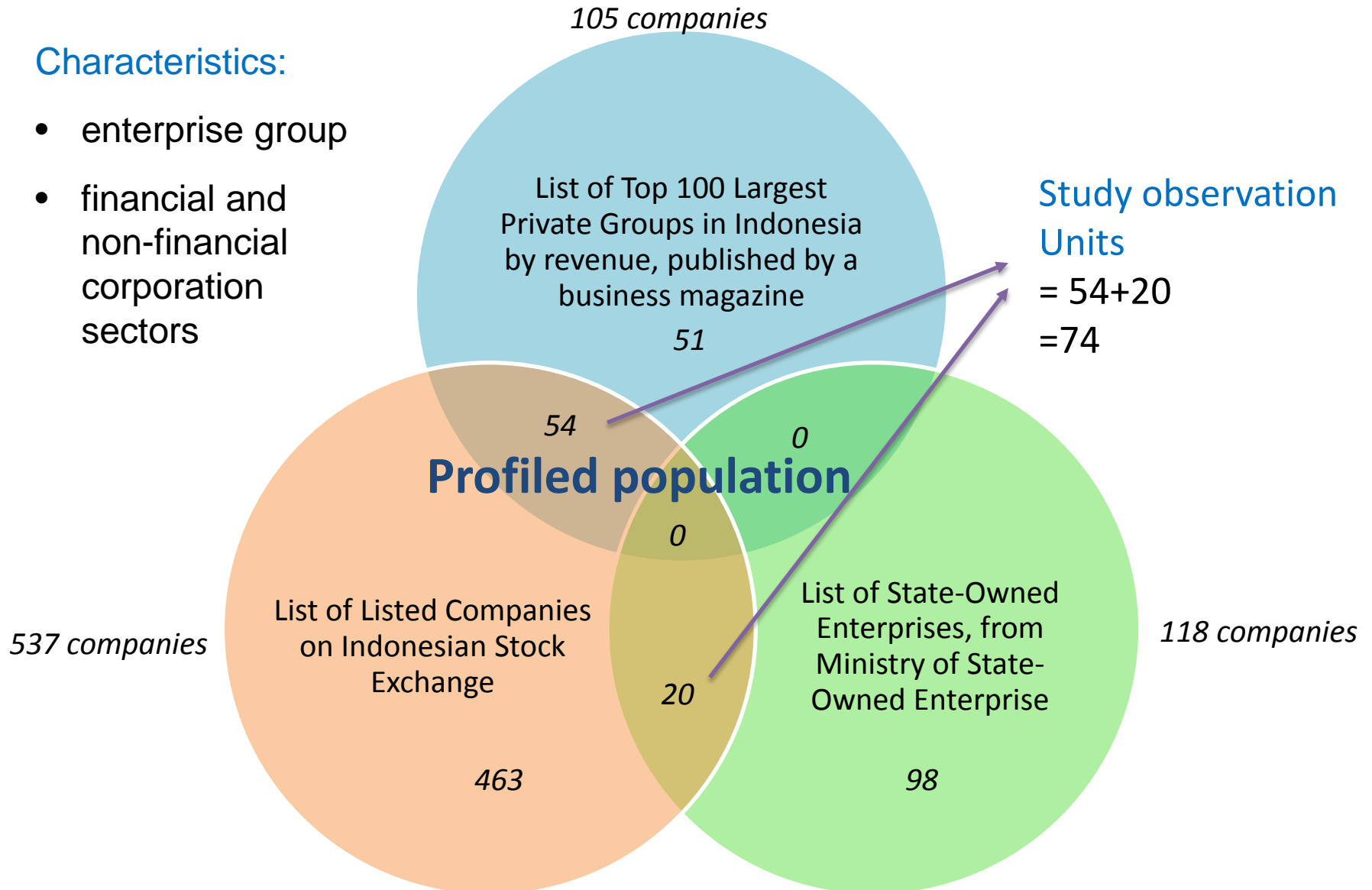
Large criteria	Complex criteria
<ul style="list-style-type: none">• largest enterprises in the country, or• significant contribution, or• importance or sufficiently large for the survey stratum.	<ul style="list-style-type: none">• several divisions, or• several different areas, or• several administrative units, or• inter-corporate ownership group, or• difficult to survey.
Possible derived indicators	Possible derived indicators
<ul style="list-style-type: none">• size measure: number of workers, total assets, revenue• stratum measure: distribution by location and industry	<ul style="list-style-type: none">• structure measure: number of subsidiaries, number of establishments, distribution by location• survey response-rate measure: frequency of non-response



Observation units selection for the study

Characteristics:

- enterprise group
- financial and non-financial corporation sectors





Indicators observed

number of
workers

revenue

total assets

number of
subsidiaries



The study result

1. Large

Table 2

	Number of workers	Total revenue (billion IDR)	Total assets (billion IDR)
Min	82	482	1,162
Max	149,532	184,196	910,063
Average	9,550	18,622	66,544
StdDev	19,935.59	27,872.49	158,632.27

2. Complex

Table 3

	Number of subsidiaries
Min	0
Max	49
Average	8
StdDev	9.28



Conclusions

- **Large businesses indicators** for selection of profiled units **much higher** than current large criteria for survey → different criteria used for profiling and business statistics report
- **Complex businesses indicators** for selection of profiled units **need to be included and recorded** and updated in SBR database
- **Future study:**
 - **Evaluation in time series data** for criteria validation
 - **More indicators** to be evaluated
 - **Refine profiling procedures and analyse resources per profiling** for decision of total number of units to be profiled



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Thank You

**Suggestions/ sharing experiences
are very welcome.**

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