

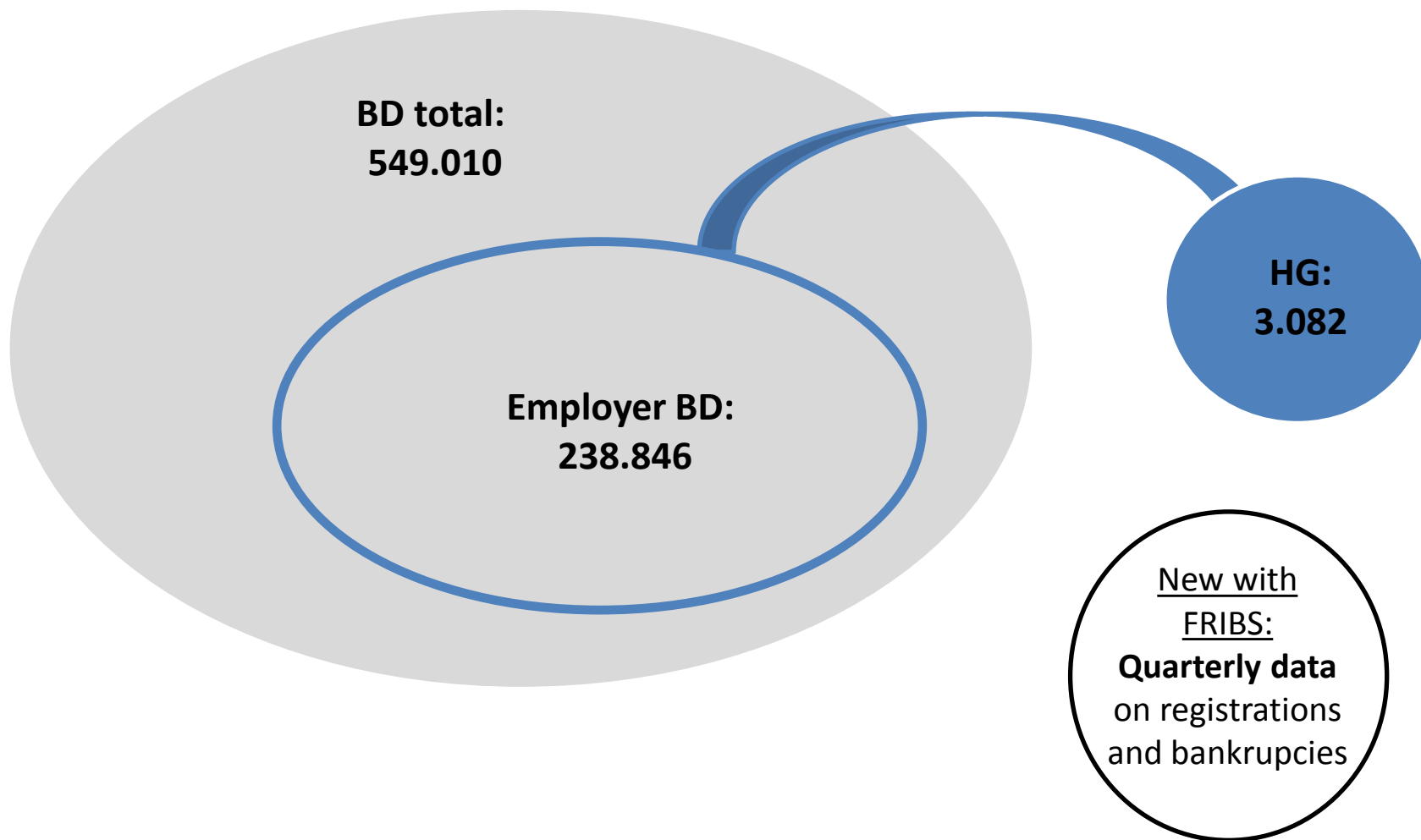
Sabrina Laufer, M.A.
Registers,
Classifications and
Geoinformation

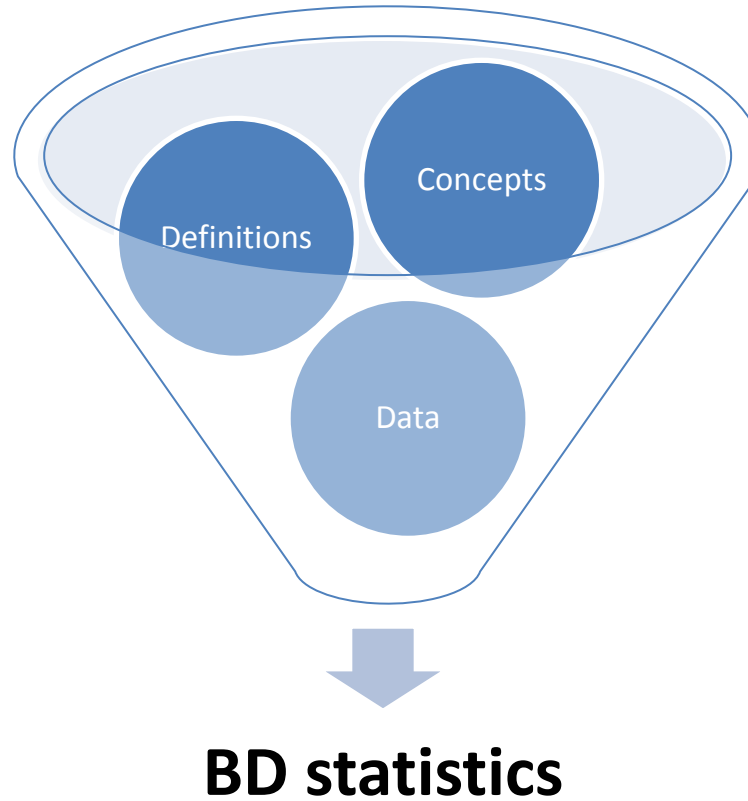
Vienna
1 October 2019

The production of business demography statistics in Austria

1. Introduction
2. Business demography statistics (BD) in Austria (AT):
 1. What **kind of BD statistics** do we produce?
 2. What are we doing to **produce the BD statistics**?
 3. What is the **role of the business register (BR)**?
 4. What are we **aiming** for and what are the **objectives**?
3. Conclusions

1. Production of BD statistics in AT does not work without adding other information to the BR, but **BR** is the **main data source**
2. In BD we do have:
 - one **basic database** compiled from BR data plus other administrative data sources and
 - three **statistics** yearly compiled out of this database
3. We are aiming to produce a **new statistic** (with FRIBS) and to compile data **out of the BR** by then (requirement: coherence between BD and BR)





Production process of BD statistics (II)

1

- **Merging** of administrative data to the BR via foreign keys
- unit: legal unit

2

- Supplement **additional information** based on business groups and structural business statistics
- unit: enterprise

3

- Calculation and deduction of **activity**
- unit: enterprise

4

- Completion of **characteristics** and **demographic events**
- unit: enterprise

5

- Calculation of enterprise **births** and **deaths**
- unit: enterprise

6

- Determination and **exclusion** of **false births** and **deaths**
- unit: enterprise

Rules for deduction of activity:

1. Structural business statistic unit
2. At least one employee
3. Turnover > 0 (income tax as well)
4. Registrations as a self-employed (at the social insurance institution and chamber of commerce)

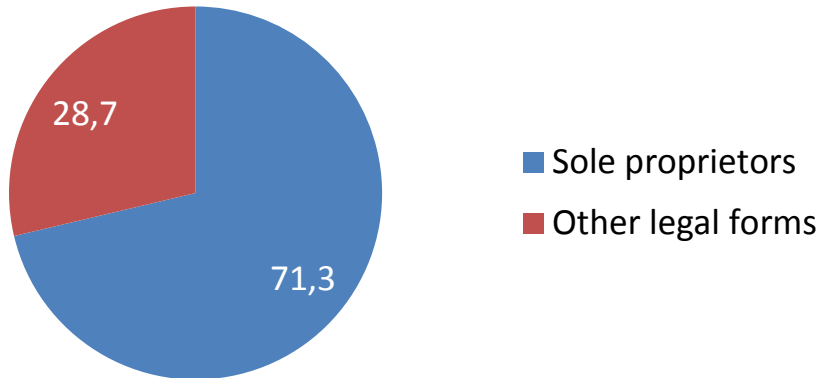
Role of the BR within the production process:

- Main data source for
 - legal units and
 - characteristics (NACE, legal form, employees for employee size class, provinces and NUTS3)
- Host for maintenance of demographic information
- Register for the business start (Tätigkeitsbeginn)

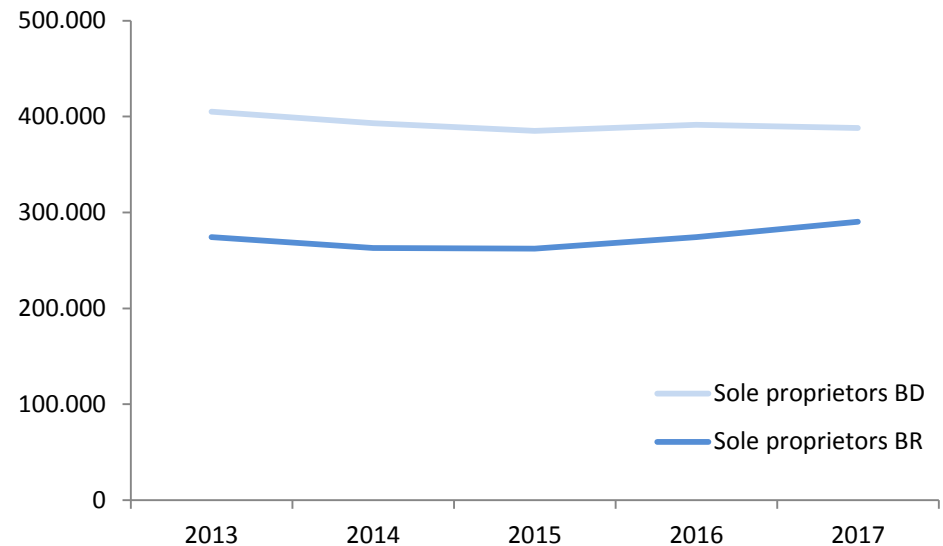
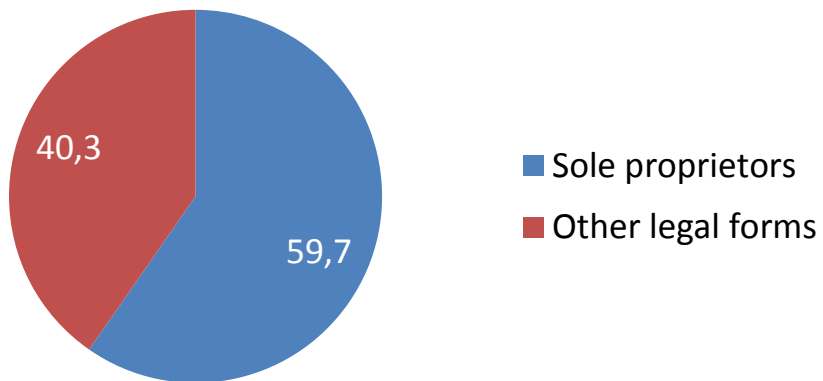
- Mainly coherence is a **threshold problem**
- Further development on a **harmonised threshold** to identify the active enterprise population is important
- From a BD view it is important to include (very) small businesses in the population to measure births and deaths

Coherence of BD and BR (II)

BD 2016



BR 2016



Aims: Producing a new statistic (Quarterly data on bankruptcies and registrations) and compilation of all statistics out of the BR

Work areas	Objectives	How to reach the objectives
Data sources	<ul style="list-style-type: none">To produce data on Bankrupcies out of the BR	<ul style="list-style-type: none">Adding new data sources to the BR (<u>data checks</u>: data structure, how to merge, contents)
Unit(s)	<ul style="list-style-type: none">To produce new units (data on Registrations)To refer on the same units	<ul style="list-style-type: none">Adding new units to the BR by analysing the differences between all possible input data sources for the BR and the current BR populationUndertaking analysis about the differences and adjust concepts
Characteristics	<ul style="list-style-type: none">To add information on the age of the enterprise to the BR	<ul style="list-style-type: none">Calculation of the age based on administrative data

- The BR is the **main data source** of BD statistics, but not all BD relevant data, units and characteristics are available
- Currently **BD statistics are not produced direct out of the BR**
- To reach the **aims** – Producing a new statistic (Quarterly data on bankruptcies and registrations) and compilation of all BD statistics out of the BR – several working steps are needed

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