

Draft UNECE Guidelines on the use of statistical business registers for business demography and entrepreneurship statistics

Norbert Rainer

**First meeting of the UN Committee of Experts on Business
Statistics, jointly organised by INEGI and UNSD,
Mexico City, 23 – 25 May 2018**

Part VIII: Business Demographics and Dynamics

Content

- Background
- Goals
- Task Force on Entrepreneurship Statistics
- Structure and content of the chapters
- Current status and further work plan and time table

Background

- Increasing importance of business demography and entrepreneurship statistics
- Support and international harmonisation in developing these quite new kinds of statistics
- Linking of statistical business registers (SBRs)/business demography data with other business statistics
- Linking of SBR to data on natural persons (entrepreneurs) which would help to better understand the role of entrepreneurs
- Strengthening the role and maximising the benefits of SBRs

Goals (1)

- According to the terms of reference the Guidelines should provide:
 - Guidance on how to develop SBRs to support the production of business demography and entrepreneurship statistics
 - Guidance on linking SBRs with information from other data sources for improving the production of business demography statistics with a view to be used as entrepreneurship indicators
 - Should include practical examples

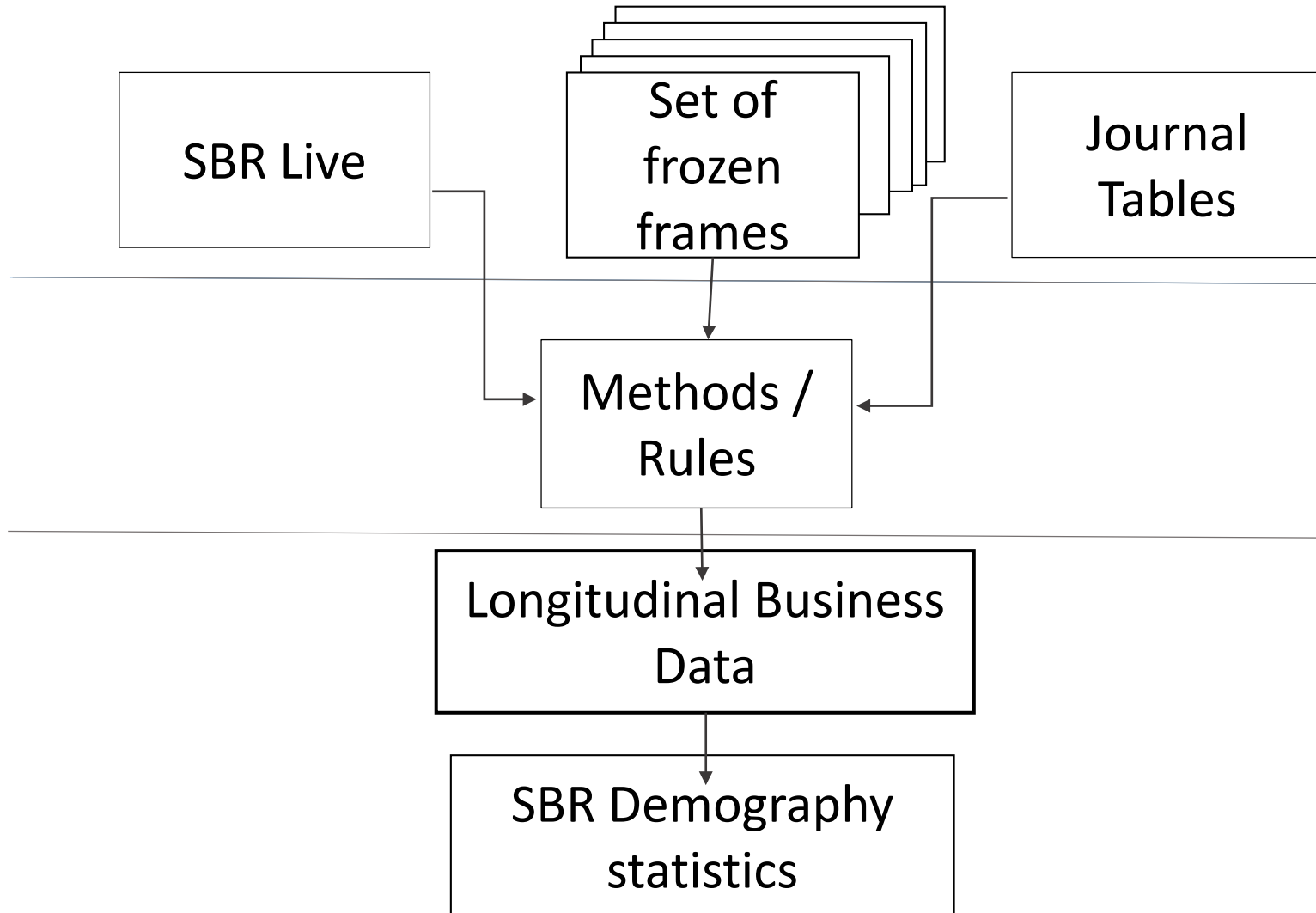
Goals (2)

- Guidelines supplement and are consistent with the other international manuals in this domain:
 - Guidelines on Statistical Business Registers (UNECE, 2015)
 - Manual and Business Demography Statistics (Eurostat and OECD, 2007)
 - Business Registers Recommendations Manual (Eurostat, 2010)
- Target groups of the Guidelines:
 - Primarily business register statisticians
 - Experts and producers of business demography and entrepreneurship statistics

Task Force on Entrepreneurship Statistics

- Created in autumn 2016 by the Bureau of the Conference of European Statisticians
- Task Force Members: Canada (co-chair), Eurostat, Finland, Mexico, Netherlands, OECD, UNECE, US Bureau of Labor Statistics, US Census Bureau, Norbert Rainer (co-chair)
- Additional contributions from Denmark and South Korea
- UNECE provided the secretariat support
- Editor: Michael Colledge

Figure 3.1: SBR based demography statistics



Structure and content of the chapters (1)

Structure and main content

Chapter 1 - Introduction

- Why measuring business demography and entrepreneurship is important
- What types of measures are used for analysis and policy design
- Overview of the guidelines

Chapter 2- Definitions and key concepts of business demography

- Basic concepts of business demography: subject of business demography, employer business demography, statistical unit, regional business demography, sub-annual business demography; high-growth enterprises and gazelles
- Definitions and concepts: demographic events and continuity rules, coverage, population of active enterprises, enterprise birth, survival and death
- Variables and characteristics: activity classification, employment, turnover, size class, legal form
- Definitions and concepts of high-growth enterprises and gazelles

Structure and content of the chapters (2)

Structure and main content

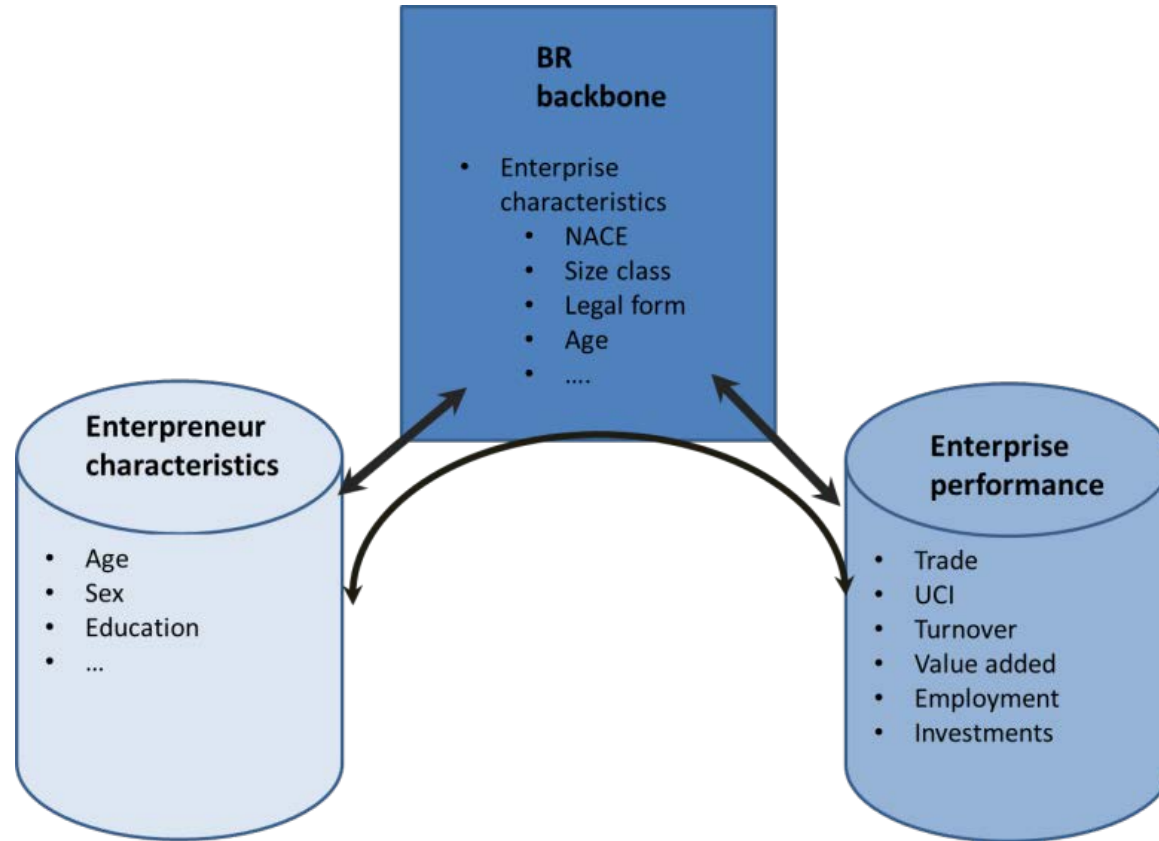
Chapter 3 – SBR functionality required to support the production of business demography statistics

- Bridge between the concepts of business demography and the necessary infrastructure in the SBR to support the production of business demography statistics
- Creation and characteristics of a longitudinal database
- Update and maintenance of the longitudinal database; related issues such as coverage, updating frequency and variables; quality assurance

Chapter 4- Linking the SBR with data from other sources

- Linking SBR/business demography data to other enterprise databases, such as structural business statistics, trade in goods and services, ownership status, and R&D and innovation activities
- Linking to social statistics databases for achieving personal characteristics of the entrepreneur, such as sex, age, nationality, education
- Methodological issues of micro-data linking

Figure 4.2: The SBR as the core in linking micro-data sets



Structure and content of the chapters (3)

Structure and main content
Chapter 5 – Non-SBR based approaches to the production of business demography statistics
<ul style="list-style-type: none">- Not all countries are yet able to produce business demography statistics using SBR as the basis- Country examples of producing business demography statistics on the basis of census, survey and administrative data or a combination of them- Examples of Mexico, South Korea and United States
Chapter 6 – Examples of business demography and related entrepreneurship statistics
<ul style="list-style-type: none">- Description of the core data set of business demography statistics recommended for international comparisons- Examples of country practices in dissemination of business demography statistics

Figure 4.3. Birth rates of employer enterprises, business economy
Number of employer enterprise births as percentage of active employer enterprises, 2014 or latest available year (Source: OECD)



Figure 4.20. Survival rate of one-year old employer enterprises
 Percentage, 2013 cohort (Source: OECD)

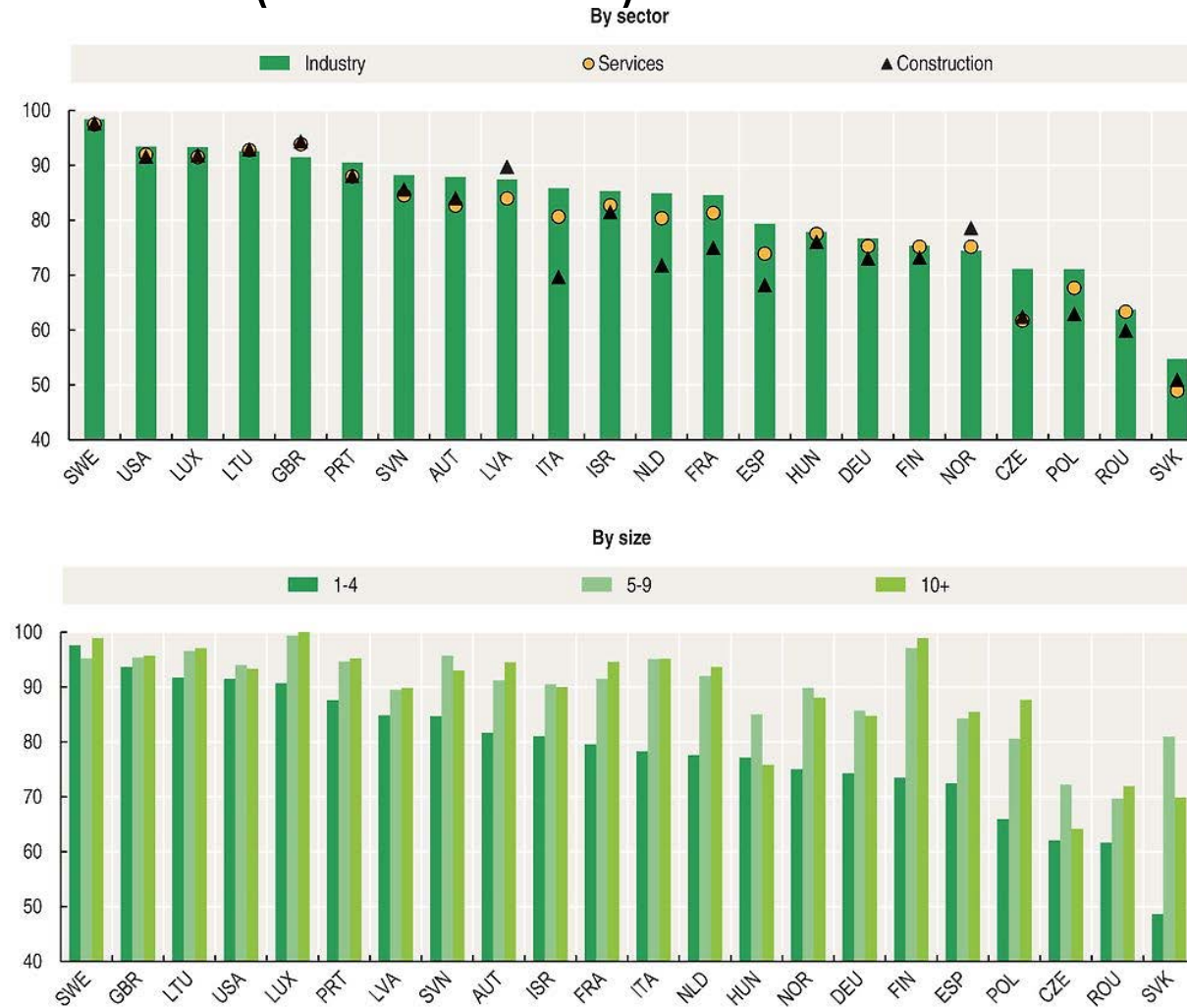


Figure 4.20. Survival rate of one-year old employer enterprises
 Percentage, 2013 cohort (Source: OECD)

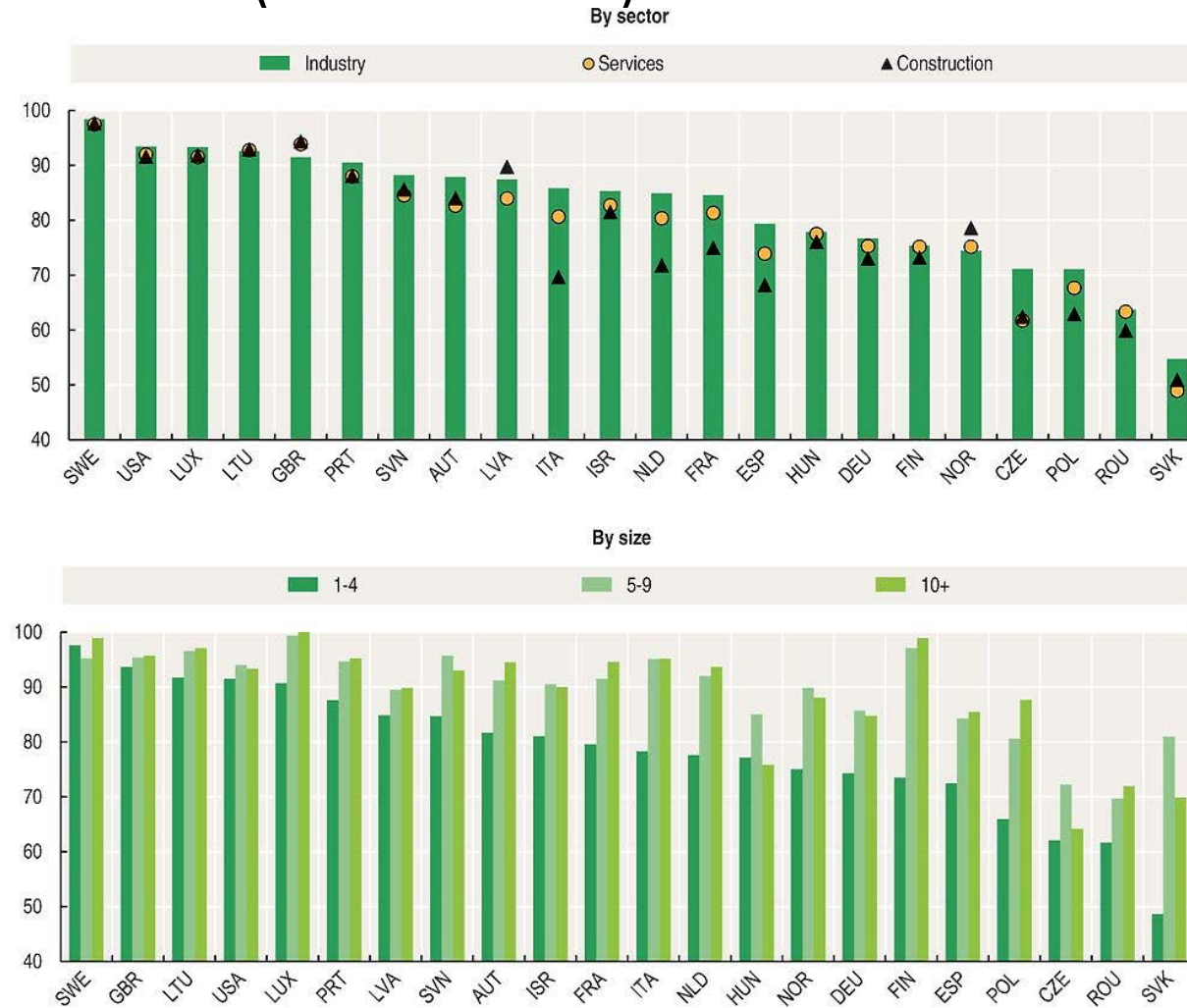
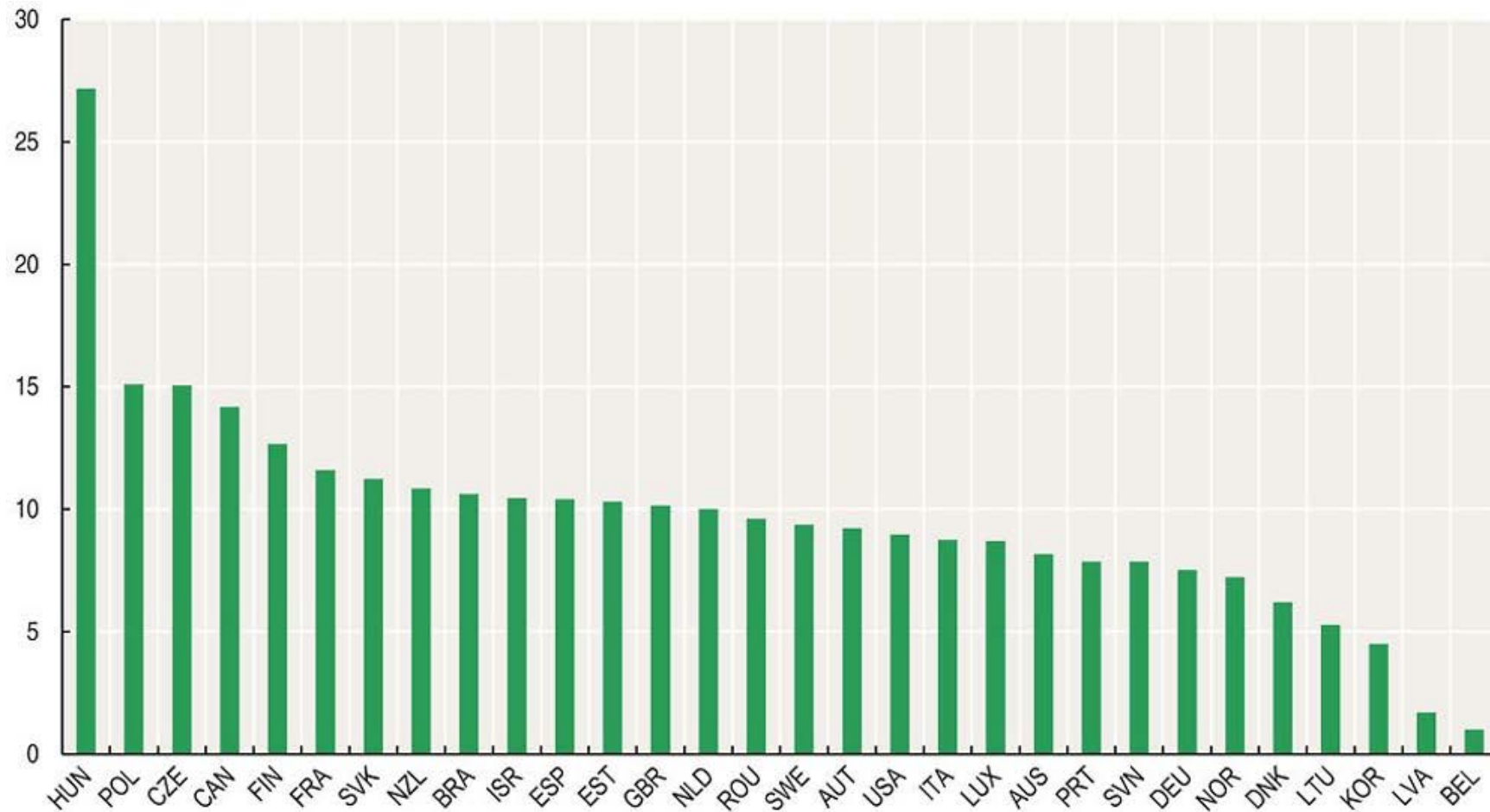


Figure 4.11. Death rates of employer enterprises, business economy
Number of employer enterprise deaths as percentage of active employer enterprises, 2014 or latest available year (Source: OECD)



Structure and content of the chapters (4)

Structure and main content
Chapter 7 – Topics for further work and research
- List of topics that would deserve further work and research, especially with a view to future or ongoing implementation of business demography and entrepreneurship statistics
Annexes
- Annex 1: Developing and Using of Longitudinal Business Data in Canada - Annex 2: Profiling entrepreneurs by linking business and social statistics in Denmark - Annex 3: Family Businesses in the Netherlands
Glossary

Current status and further work and time plan

February 2018	Finalisation of the draft and editing
March – April 2018	Electronic consultation among all CES member countries
May 2018	Submission for endorsement to the CES Plenary session in June 2018
June 2018	Presenting the results of the electronic consultation to the Conference of European Statisticians and (hopefully) endorsement of the guidelines
July – September 2018	Incorporation of comments, final editing and formatting

Thank you very much for your attention!

For further information please contact:

Carsten Boldsen

carsten.boldsen@unece.org

or

Rene Beaudoin

rene.beaudoin@canada.ca

Norbert Rainer

norbert_rainer@aon.at