

# Standard documentation Meta information

(Definitions, comments, methods, quality)

on

## Register-based labour market careers

This documentation is valid for the reference period:  
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## Executive Summary

The aim of the project "Register-based labour market careers (ERV)" is to carry out longitudinal evaluations from administrative data sources used for the Register-based census and the Register-based labour market statistics, respectively. For this purpose, overlap-free employment careers are created from various register data. The concepts of the Register-based labour market statistics<sup>1</sup> are adopted where possible.

The processed administrative data (e.g. from the Central social security register, Public employment service (AMS)) are linked and jointly made free of overlaps. Each person is thus assigned a unique labour market status for each day. The hierarchy of the Register-based labour market statistics is applied:

1. military/civilian service, maternity allowance/maternity leave, rehabilitation periods
2. active employment<sup>2</sup>
3. temporary absence
4. unemployment<sup>3</sup>
5. retirement benefits
6. pupils, students
7. other non-employed persons<sup>4</sup>
8. co-insured persons
9. main residence registration
10. no main residence in Austria

The following rules are used to determine the dominant gainful activity in the case of parallel gainful activities:

1. gainful employment and self-employment before marginal employment,
2. full-time employment before part-time employment,
3. in the case of equal-ranking employment, the one with the highest income dominates,
4. otherwise the one with the earliest start.

In the case of overlapping episodes of the same rank, the episode with the earliest start is given priority.

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<sup>1</sup> See the Standard documentation of the [Register-based labour market statistics and Employment statistics for register-based census 2011](#).

<sup>2</sup> Gainful employment, self-employment and marginal employment.

<sup>3</sup> AMS registrations in the status AL (unemployed), LS (seeking apprenticeship), SC (in training) and possibly AS (seeking work). AMS registrations in all other status are assigned to other non-employed persons.

<sup>4</sup> With self-insurance or in basic services.

The e-Government act makes the linkage of administrative data possible, with absolute protection of data privacy. This is done with the help of the area-specific personal identifier official statistics (bPK-AS).

The protection of personal data is a central concern of Statistics Austria. Therefore, in order to make individuals unidentifiable in the results, the "record swapping" procedure is used for a defined percentage of the data. In this process, so-called "risky records" are identified - these are data records with rare combinations of characteristics, which would therefore be easier to identify. Individual characteristics of these persons are then swapped with the characteristics of other persons. Attention is paid to ensure that the most important key figures are not distorted. Due to the record swapping procedure, small values should be interpreted with caution.

## Register-based labour market careers – Main Key Points

<b>Subject matter</b>	Longitudinal evaluations from the administrative data sources used for the Register-based census and the Register-based labour market statistics
<b>Population</b>	The population consists of all persons who appear at least once in the years 2010 to 2022 in one of the linked registers.
<b>Type of statistics</b>	Secondary statistics on the basis of administrative data and statistical registers and other primary and secondary statistical surveys
<b>Data sources/Survey techniques</b>	Administrative data sources: Central social security register, Public employment service, Central population register, pay slip data In-house data sources: ADAM/EVA database, Register-based labour market statistics, school and higher education statistics, Educational attainment register, Statistical business register
<b>Reference period or due day</b>	2010-2022
<b>Periodicity</b>	annually
<b>Survey participation (in case of a survey)</b>	-
<b>Main legal acts</b>	Federal statistics act 2000
<b>Most detailed regional breakdown</b>	NUTS2-level
<b>Availability of results</b>	annually in November
<b>Other</b>	