

Standard-documentation Meta information

(Definitions, comments, methods, quality)

on

Road traffic accident statistics

This documentation is valid from the reference period:

2012

Status: **06.08.2021**



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Executive Summary

The objective of the road traffic accident statistics is the continuous monitoring of accidents with personal injury on Austria's roads. The underlying collection of road traffic accidents has been regulated by the Road Traffic Accident Statistics Act (BGBl I No. 7/2017) since July 1st 2017. Statistics Austria was entrusted with the implementation of the collection in the years 2019 to 2023 according to the regulation on "Statistical Recording of Road Traffic Accidents Involving Personal Injury" (BGBl II No.11/2020) from January 10th 2020.

A road traffic accident with personal injury occurs if, as a result of road traffic on public roads, people have been injured or killed and at least one vehicle in motion was involved.

The results of the road accident statistics are the basis for the road safety work of the federal government, the federal states and the municipalities. The results serve as a basis and decision-making aid for legislators to take the necessary measures to improve road safety and to evaluate those measures. More detailed results are used by authorities as required by law to identify and eliminate deficiencies in the road system (accident spots according to § 96 StVO). In addition to public authorities, accident researchers, road and traffic planners and journalists are also among the main users of the road traffic accident statistics.

Internationally, the accident data is part of the Community Road Accident Database (CARE), which was set up by the European Commission.

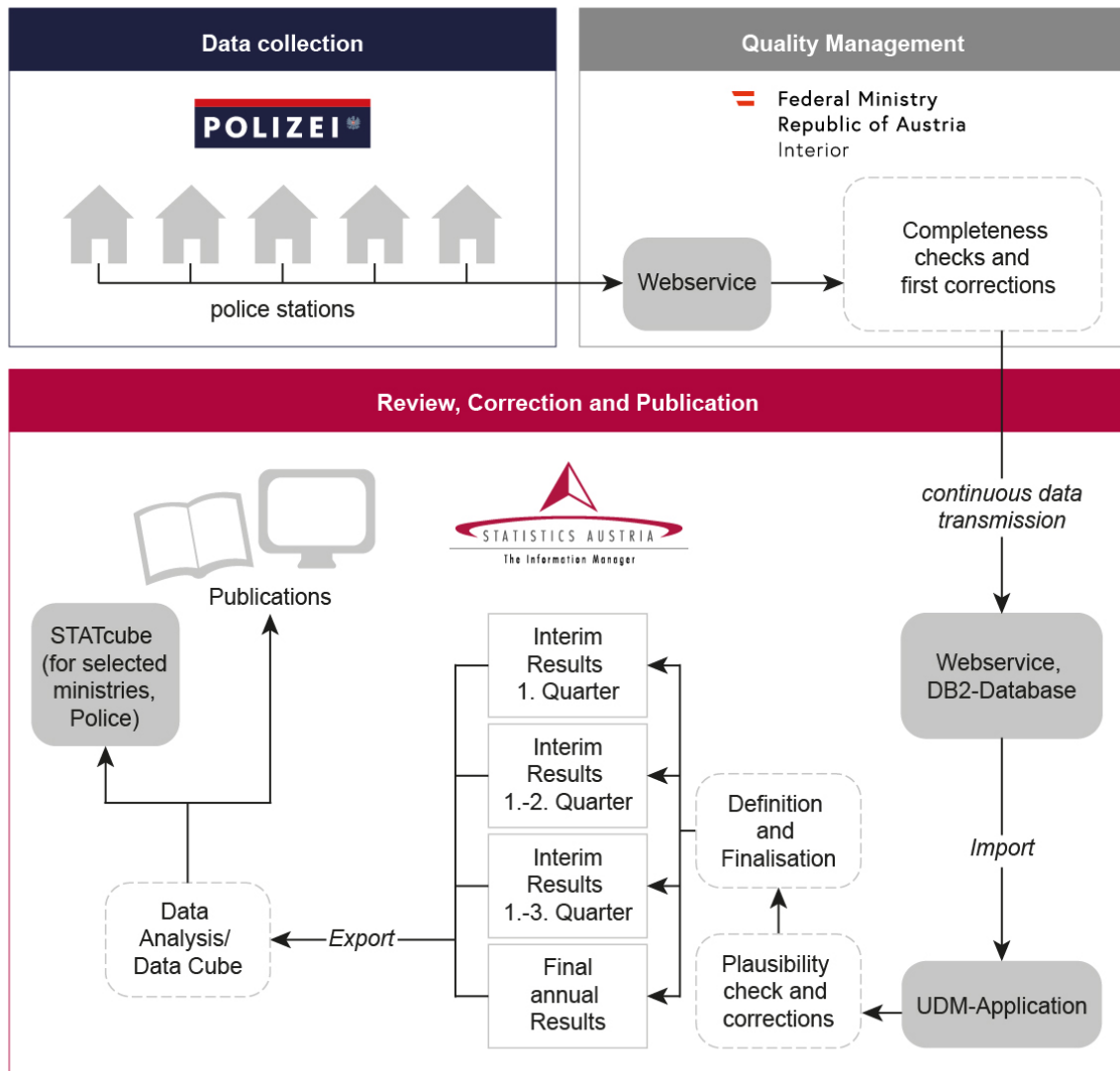
Since 1961, data series of the traffic accidents are available; since 1992 in an electronic form. Preliminary results of traffic accident statistics have been published quarterly (first quarter, first half, third quarter) with press releases and quick reports. The final annual results are published in a comprehensive publication and presented in a press release or at a press conference. Furthermore, the results are included in almost all of Statistics Austria's publications. Since the reporting year 2013, an interactive traffic accident map shows where the accidents occurred, accompanied by aggregated information of the accident.

In 2012, the collection and processing of the road traffic accident statistics were modernised due to the introduction of the electronic accident data management (UDM) system. The data collection is carried out decentrally by the respective bodies of the Federal Police, using the framework of the electronic file management system (PAD) of the Federal Ministry of the Interior (BMI). The data is gathered in the BMI and transmitted to Statistics Austria. Since 2018, the collected data are subjected to quality assurance by BMI, which ensures a high degree of completeness of the variables. The main part of the data processing at Statistics Austria is a systematic check of the data for plausibility, including necessary corrections in case errors occur during the process.

The current structure of the characteristics collected resulted from a reprogramming of the PAD in 2018. The changes in 2011/2012 and 2017/2018 as well as the changeover to electronic data collection and the decentralised recording of the accident type each led to breaks in the time series, which must be taken into account when interpreting the results.

The following figure shows the flow of road accident statistics from the data collection to the publication and distribution of the data.

Statistics of Road Traffic Accidents: Accident Data Management (UDM) since 2018



Road traffic accident statistics – Main Features	
Subject Matter	Road traffic accidents with personal injuries that occur on Austrian territory.
Population	Road traffic accidents with personal injury in Austria (2020: 30 670 accidents)
Type of statistics	Secondary statistics
Data sources/Survey techniques	Electronically reported police data; census. The data transmission to Statistics Austria is ongoing (daily).
Reference period or due day	January 1 to December 31 of a reporting year
Periodicity	Results are published quarterly by Statistics Austria
Survey participation (in case of a survey)	Data providers are the police organs of Austria
Main legal acts	The Council decision of 30 November 1993 regulates the establishment of a Community database on road accidents. For the reporting years 2000 to 2017, work contracts between the Ministry of Interior and Transport, Innovation and Technology and the Federal Statistical Office provided the national legal basis for this survey (from 2018 only with the Federal Ministry of Transport, Innovation and Technology). The Road Traffic Statistics Act came into force in July 2017. The corresponding regulation "Statistical recording of road traffic accidents with personal injuries for the reporting years 2019 to 2023" was issued on January 10th, 2020.
Most detailed regional breakdown	Austria / federal states / political districts / municipalities
Availability of results	Preliminary data, cumulative quarters: t + 4 months Final data, annual results: t + 6 months The availability of the data depends on the completeness of the data deliveries by the BM.I and was irregular from 2012. From January 2020, the Road Traffic Accident Statistics Ordinance stipulates data deliveries by the BM.I at t + 3 months at the latest.
Other	-