PTV GROUP

Work-Route Matrix Germany

Release R2018_V1.0

Contents

1   Introduction

The Work-Route Matrix contains the commuting flows of employees subject to social insurance contributions for all municipalities in Germany. Commuters are defined as employees who regularly travel between their place of residence and place of work across the municipality boundary.

The data set contains commuting movements between the place of residence and the place of work both in total as well as differentiated according to female and male employees.

All persons whose place of work is not in their residential municipality are considered commuters across the municipality boundary. A distinction is made between commuters in and commuters out according to the direction of the commuter travel. Persons who travel outside their municipality of residence for work or apprenticeship purposes are considered "commuters out". If, on the other hand, the same commuters are considered from the point of view of the target municipalities in which the work or apprenticeship facilities are located, one speaks of "commuters in".

The commuting matrix also includes information on so-called "internal commuters". Internal commuters are not commuters in the narrower sense, since their place of residence and place of work are the same.

2   Determining the data

PTV GmbH has created a work-route matrix for all municipalities in the Federal Republic of Germany from various sources and using gravitation models. An important basis for this is the statistics of the German Federal Employment Agency as of June 30, 2017.

3   General information on the data set

Name of the product:	Work-Route Matrix Germany
Content of the data set:	The data set contains commuting movements between the place of residence and the place of work both in total as well as differentiated according to female and male employees.
Coverage:	Germany
Subset possible:	No
Source:	Federal Employment Agency, Nuremberg; PTV Planung Transport Verkehr GmbH, Karlsruhe
Data type:	Demographic data
Data from:	June 30, 2017
Release:	R2018_V1.0
Number of data sets:	809,983
Standard data format:	Excel, Access, ASCII
Language:	German

4   Content and field description

Column name	Contents	Data type
GKZ_Quelle	Municipality code of place of residence	Char
Wohnort	Name of place of residence	Char
GKZ_Ziel	Municipality code of place of work	Char
Arbeitsort	Name of place of work	Char
PendlerGesamt	Calculated number of total commuters: absolute	Double
DavonMaennlich	Calculated number of male commuters: absolute	Double