



Commuter Matrices 1970 - 2000

K Meister

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K Meister
IVT
ETH Zürich
Zürich

Phone: +41 44 633 30 88

Fax: +41 44 633 10 57

meister@ivt.baug.ethz.ch

Abstract

The Commuter matrix is the result of question #21 of the Swiss National Census: Question #21: Which means of transportation do you normally use for your commuter trip (work / school)? Please list all means of transportation you used on on the same day for your trip to/from school/work. Public means of transportation were chosen as primary in combined trips (e.g. railway + car).

Keywords

Preferred citation style

Meister, K. (2005) Commuter Matrices 1970 - 2000 , *Travel Survey Metadata Series*, **25**, Institute for Transport Planning and Systems (IVT); ETH Zürich, Zürich.

1.0 Document Description

Citation

Title:	Commuter Matrices 1970 - 2000
Alternative Title:	Pendlermatrizen 1970 - 2000
Identification Number:	Commuter_Matrices
Authoring Entity:	Konrad Meister (IVT, ETH Zurich)
Producer:	Institute for Transport Planning and Systems
Copyright:	Institute for Transport Planning and Systems
Date of Production:	2005-06-07
Software used in Production:	Nesstar Publisher
Distributor:	Institute for Transport Planning and Systems
Access Authority:	
Depositor:	Institute for Transport Planning and Systems

2.0 Study Description

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Access Authority:	Fritz Spahni

Version: Diese Version der "Pendlermatrizen 1970 - 2000" ist harmonisiert auf die Gemeindenummern und die Verkehrsmiteileinteilung des Jahres 2000. In this version of the "Commuter Matrices 1970 - 2000", the municipality numbers and mode of transportation codes are harmonized to the standings of the year 2000.

Study Scope

Abstract:

The Commuter matrix is the result of question #21 of the Swiss National Census: Question #21: Which means of transportation do you normally use for your commuter trip (work / school)? Please list all means of transportation you used on on the same day for your trip to/from school/work. Public means of transportation were chosen as primary in combined trips (e.g. railway + car).

3.0 File Description

File: harmonisiert.NSDstat

- Number of cases: 1026428
- No. of variables per record: 19
- Type of File: NSDstat 200203

4.0 Variable Description

Variable Groups

- [KEY \(origin - destination - year\)](#)
- [VALUE \(modes of transport\)](#)

KEY (origin - destination - year)

Variables within *KEY (origin - destination - year)*

- [number of home municipality](#)
- [number of work municipality](#)
- [year](#)

VALUE (modes of transport)

Variables within *VALUE (modes of transport)*

- [number of home municipality](#)
- [total number of commuters](#)
- [no work trip](#)
- [no means of transportation, only walk](#)
- [railway](#)
- [railway + tram, bus, post car](#)
- [railway + car \(driver, passenger\)](#)
- [railway + bike, moped](#)
- [tram, bus, post car](#)
- [tram, bus, post car + car \(driver, passenger\)](#)
- [tram, bus, post car + bike, moped](#)
- [other means of public transportation](#)
- [work bus](#)
- [car \(driver or passenger\)](#)
- [motor bike](#)
- [bike, moped](#)
- [not specified](#)

Variables

Variable: number of home municipality

Variable Text: Gemeindenummer Wohnort (BfS 2000)

Range of Valid Data Values: 1 to 6806

Summary Statistics:

Minimum : 1

Maximum : 6806

Variable Format: numeric

Variable: number of work municipality

Variable Text: Gemeindenummer Arbeitsplatz (BfS 2000)

Range of Valid Data Values: 0 to 8300

Summary Statistics:

Minimum : 0

Maximum : 8300

Variable Format: numeric

Variable: year

Variable Text: Jahr

Value	Label	Frequency
1970 .		256607
1980 .		256607
1990 .		256607
2000 .		256607

*Range of Valid Data Values: 1970 to 2000***Summary Statistics:***Minimum : 1970**Maximum : 2000**Variable Format: numeric*

Variable: total number of commuters

Variable Text: Gesamtanzahl Pendler

Range of Valid Data Values: 0 to 210206

Summary Statistics:

Minimum : 0

Maximum : 210206

Variable Format: numeric

Variable: no work trip

Variable Text: Kein Arbeitsweg

Range of Valid Data Values: 0 to 23162

Summary Statistics:

Minimum : 0

Maximum : 23162

Variable Format: numeric

Variable: no means of transportation, only walk

Variable Text: Kein Verkehrsmittel, ganzer Weg zu Fuss

Range of Valid Data Values: 0 to 31675

Summary Statistics:

Minimum : 0

Maximum : 31675

Variable Format: numeric

Variable: railway

Variable Text: Eisenbahn

Range of Valid Data Values: 0 to 2834

Summary Statistics:

Minimum : 0

Maximum : 2834

Variable Format: numeric

Variable: railway + tram, bus, post car

Variable Text: Eisenbahn + Tram, Bus, Postauto

Range of Valid Data Values: 0 to 31720

Summary Statistics:

Minimum : 0

Maximum : 8774

Variable Format: numeric

Variable: railway + car (driver, passenger)

Variable Text: Eisenbahn + PW (Lenker, Mitfahrer)

Range of Valid Data Values: 0 to 353

Summary Statistics:

Minimum : 0

Maximum : 353

Variable Format: numeric

Variable: railway + bike, moped

Variable Text: Eisenbahn + Fahrrad, Mofa

Range of Valid Data Values: 0 to 1413

Summary Statistics:

Minimum : 0

Maximum : 463

Variable Format: numeric

Variable: tram, bus, post car

Variable Text: Tram, Bus, Postauto

Range of Valid Data Values: 0 to 80110

Summary Statistics:

Minimum : 0

Maximum : 80110

Variable Format: numeric

Variable: tram, bus, post car + car (driver, passenger)

Variable Text: Tram, Bus, Postauto + PW (Lenker, Mitfahrer)

Range of Valid Data Values: 0 to 7305

Summary Statistics:

Minimum : 0

Maximum : 7305

Variable Format: numeric

Variable: tram, bus, post car + bike, moped

Variable Text: Tram, Bus, Postauto + Fahrrad, Mofa

Range of Valid Data Values: 0 to 10601

Summary Statistics:

Minimum : 0

Maximum : 7189

Variable Format: numeric

Variable: other means of public transportation

Variable Text: Anderes öffentliches Verkehrsmittel

Range of Valid Data Values: 0 to 9510

Summary Statistics:

Minimum : 0

Maximum : 905

Variable Format: numeric

Variable: work bus

Variable Text: Werkbus

Range of Valid Data Values: 0 to 3553

Summary Statistics:

Minimum : 0

Maximum : 3553

Variable Format: numeric

Variable: car (driver or passenger)

Variable Text: PW (Lenker oder Mitfahrer)

Range of Valid Data Values: 0 to 36841

Summary Statistics:

Minimum : 0

Maximum : 36841

Variable Format: numeric

Variable: motor bike

Variable Text: Motorrad

Range of Valid Data Values: 0 to 3727

Summary Statistics:

Minimum : 0

Maximum : 3727

Variable Format: numeric

Variable: bike, moped

Variable Text: Fahrrad, Mofa /

Range of Valid Data Values: 0 to 9513

Summary Statistics:

Minimum : 0

Maximum : 10601

Variable Format: numeric

Variable: not specified

Variable Text: Ohne Angabe

Range of Valid Data Values: 0 to 20875

Summary Statistics:

Minimum : 0

Maximum : 20875

Variable Format: numeric