

# World - Trade Costs and Facilitation 2000-2001

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# Sampling

No content available

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2000	2001	N/A

### Data Collection Mode

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Other [oth]

# Data Processing

No content available

## Data Appraisal

No content available

## File Description



## Variable List

## TFdata

Content	The data is organized such that unit of observation is a pair of importing and exporting countries. The major sources of data are, the Commodity and Trade Database(COMTRADE) of the United Nations Statistics Division for trade data, the Trade Analysis and Information System (TRAINS) of the United Nations Conference on Trade and Development(UNCTAD) for tariff data, the World Development Indicators published by the World Bank for the data of gross national product(GNP) and per capita GNP, and 3 country surveys for trade facilitation indicator. The variables are used for the gravity model in Chapter 4 of WMO(2004).
Cases	11100
Variable(s)	47
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V1	cpi	cpi	contin	numeric	
V2	year	year	discrete	numeric	2000 and 2001
V3	imp	imp	discrete	character	
V4	importer	importer	discrete	character	Importing country
V5	exp	exp	discrete	character	
V6	exporter	exporter	discrete	character	Exporting country
V7	trade	trade	contin	numeric	The value of manufactures export from country J to I
V8	tariff	tariff	contin	numeric	Tariff rate in the percent ad velorem term that is specific to the trading partners I and J and year t.
V9	gnp_im	gnp_im	contin	numeric	Importng country's GNP in 1995 constant U.S. dollars
V10	gnp_ex	gnp_ex	contin	numeric	Exporting country's GNP in 1995 constant U.S. dollars
V11	gnppc_ex	gnppc_ex	contin	numeric	Exporting country's GNP per capita in 1995 U.S. dollars
V12	gnppc_im	gnppc_im	contin	numeric	Importing country's GNP per capita in 1995 U.S. dollars
V13	ports_im	ports_im	contin	numeric	Port efficiency for importing country The average of two indexed inputs (water, air)
V14	regulation_im	regulation_im	contin	numeric	Regulatory environment for importing country The average of two indexed inputs (corrupt, transparency)
V15	services_im	services_im	contin	numeric	Service sector infrastructure for importing country The average of two indexed inputs (e_cost, internet)
V16	ports_ex	ports_ex	contin	numeric	Ports efficiency for exporting country
V17	customs_ex	customs_ex	contin	numeric	Customs environment for importing country
V18	regulation_ex	regulation_ex	contin	numeric	Regulatory environment for exporting country
V19	services_ex	services_ex	contin	numeric	Service sector infrastructure for exporting country
V20	distance	distance	contin	numeric	Geographical distance between capital in country I and J
V21	dadjacent	dadjacent	discrete	numeric	The adjacency dummy : 1 if country I is adjacent to country J, and 0 otherwise.
V22	dasean	dasean	discrete	numeric	The trade agreement dummy : ASEAN

ID	Name	Label	Type	Format	Question
V23	dnafta	dnafta	discrete	numeric	The trade agreement dummy : NAFTA
V24	dlaia	dlaia	discrete	numeric	The trade agreement dummy : LAIA
V25	daunz	daunz	discrete	numeric	The trade agreement dummy : AUNZ
V26	dmercotur	dmercotur	discrete	numeric	The trade agreement dummy : MERCOSUR
V27	deu	deu	discrete	numeric	The trade agreement dummy : EU
V28	deng	deng	discrete	numeric	The language dummy : English
V29	dfrc	dfrc	discrete	numeric	The language dummy : French
V30	dspn	dspn	discrete	numeric	The language dummy : Spanish
V31	darb	darb	discrete	numeric	The language dummy : Arabic
V32	dchi	dchi	discrete	numeric	The language dummy : Chinese
V33	dgmh	dgmh	discrete	numeric	The language dummy : German
V34	dpor	dpor	discrete	numeric	The language dummy : Portuguese
V35	drus	drus	discrete	numeric	The language dummy : Russian
V36	d2000	d2000	discrete	numeric	A dummy for year 2000
V37	water	water	contin	numeric	Sub-index for ports efficiency index
V38	air	air	contin	numeric	Sub-index for ports index
V39	barriers	barriers	contin	numeric	Sub-index for customs index
V40	bribes	bribes	contin	numeric	Sub-index for customs index
V41	transparency	transparency	contin	numeric	Sub-index for regulation index
V42	corrupt	corrupt	contin	numeric	Sub-index for regulation index
V43	e_cost	e_cost	contin	numeric	Sub-index for services index
V44	internet	internet	contin	numeric	Sub-index for services index
V45	customs_im	customs_im	contin	numeric	Customs environment for importing country
V46	number	number	contin	numeric	
V47	FDI	FDI	contin	numeric	



cpi (cpi)

File: TFdata

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 2  
 Range: 1.130045-1.161982

Valid cases: 9390  
 Invalid: 1710  
 Minimum: 1.1  
 Maximum: 1.2  
 Mean: 1.1  
 Standard deviation: 0

year (year)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2000-2001

Valid cases: 11100  
 Invalid: 0

**Literal question**

2000 and 2001

imp (imp)

File: TFdata

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 11100  
 Invalid: 0

importer (importer)

File: TFdata

**Overview**

Type: Discrete  
 Format: character  
 Width: 19

Valid cases: 11100  
 Invalid: 0

**Literal question**

Importing country

exp (exp)

File: TFdata

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 11100  
 Invalid: 0

## exporter (exporter)

File: TFdata

**Overview**

Type: Discrete  
Format: character  
Width: 19

Valid cases: 11100  
Invalid: 0

**Literal question**

Exporting country

## trade (trade)

File: TFdata

**Overview**

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 2  
Range: 0-136000000

Valid cases: 9390  
Invalid: 1710  
Minimum: 0  
Maximum: 136000000  
Mean: 811678.3  
Standard deviation: 4864178.4

**Literal question**

The value of manufactures export from country J to I

## tariff (tariff)

File: TFdata

**Overview**

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-294.41

Valid cases: 9540  
Invalid: 1560  
Minimum: 0  
Maximum: 294.4  
Mean: 8.4  
Standard deviation: 10.1

**Literal question**

Tariff rate in the percent ad velorem term that is specific to the trading partners I and J and year t.

## gnp\_im (gnp\_im)

File: TFdata

**Overview**

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 3875964-8750000000

Valid cases: 10656  
Invalid: 444  
Minimum: 3875964  
Maximum: 8750000000  
Mean: 360713520.6  
Standard deviation: 1132281210.5

**Literal question**

Importng country's GNP in 1995 constant U.S. dollars

## gnp\_ex (gnp\_ex)

File: TFdata

## gnp\_ex (gnp\_ex)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 10656
Format: numeric	Invalid: 444
Width: 10	Minimum: 3875964
Decimals: 0	Maximum: 8750000000
Range: 3875964-8750000000	Mean: 360713520.6
	Standard deviation: 1132281210.5

**Literal question**

Exporting country's GNP in 1995 constant U.S. dollars

## gnppc\_ex (gnppc\_ex)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 10656
Format: numeric	Invalid: 444
Width: 5	Minimum: 0.3
Decimals: 2	Maximum: 34.2
Range: 0.2521024-34.17323	Mean: 8.4
	Standard deviation: 9.3

**Literal question**

Exporting country's GNP per capita in 1995 U.S. dollars

## gnppc\_im (gnppc\_im)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 10656
Format: numeric	Invalid: 444
Width: 5	Minimum: 0.3
Decimals: 2	Maximum: 34.2
Range: 0.2521024-34.17323	Mean: 8.4
	Standard deviation: 9.3

**Literal question**

Importing country's GNP per capita in 1995 U.S. dollars

## ports\_im (ports\_im)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3447205-1	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Port efficiency for importing country  
 The average of two indexed inputs (water, air)

## regulation\_im (regulation\_im)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3528432-1	Mean: 0.7
	Standard deviation: 0.1

**Literal question**

Regulatory environment for importing country  
 The average of two indexed inputs (corrupt, transparency)

## services\_im (services\_im)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.4817447-1	Mean: 0.7
	Standard deviation: 0.1

**Literal question**

Service sector infrastructure for importing country  
 The average of two indexed inputs (e\_cost, internet)

## ports\_ex (ports\_ex)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3447205-1	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Ports efficiency for exporting country

## customs\_ex (customs\_ex)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3838235-0.9785714	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Customs environment for importing country



## regulation\_ex (regulation\_ex)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3528432-1	Mean: 0.7
	Standard deviation: 0.1

**Literal question**

Regulatory environment for exporting country

## services\_ex (services\_ex)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.4817447-1	Mean: 0.7
	Standard deviation: 0.1

**Literal question**

Service sector infrastructure for exporting country

## distance (distance)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 8	Minimum: 99.7
Decimals: 2	Maximum: 19945.9
Range: 99.726-19945.91	Mean: 8148.2
	Standard deviation: 4892.3

**Literal question**

Geographical distance between capital in country I and J

## dadjacent (dadjacent)

File: TFdata

**Overview**

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**Literal question**

The adjacency dummy : 1 if country I is adjacent to country J, and 0 otherwise.

## dasean (dasean)

## File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The trade agreement dummy : ASEAN

## dnafta (dnafta)

## File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The trade agreement dummy : NAFTA

## dlaia (dlaia)

## File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The trade agreement dummy : LAIA

## daunz (daunz)

## File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The trade agreement dummy : AUNZ

## dmercosur (dmercosur)

## File: TFdata

## dmercotur (dmercotur)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The trade agreement dummy : MERCOSUR

## deu (deu)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The trade agreement dummy : EU

## deng (deng)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The language dummy : English

## dfrc (dfrc)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The language dummy : French

## dspn (dspn)

File: TFdata

## dspn (dspn)

### File: TFdata

#### Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

#### Literal question

The language dummy : Spanish

## darb (darb)

### File: TFdata

#### Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

#### Literal question

The language dummy : Arabic

## dchi (dchi)

### File: TFdata

#### Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

#### Literal question

The language dummy : Chinese

## dgmn (dgmn)

### File: TFdata

#### Overview

Type: Discrete	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

#### Literal question

The language dummy : German

## dpor (dpor)

### File: TFdata

## dpor (dpor)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The language dummy : Portuguese

## drus (drus)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

The language dummy : Russian

## d2000 (d2000)

File: TFdata

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 11100  
 Invalid: 0

**Literal question**

A dummy for year 2000

## water (water)

File: TFdata

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 2  
 Range: 0.2608696-1

Valid cases: 11100  
 Invalid: 0  
 Minimum: 0.3  
 Maximum: 1  
 Mean: 0.6  
 Standard deviation: 0.2

**Literal question**

Sub-index for ports efficiency index

## air (air)

File: TFdata

## air (air)

## File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.2
Decimals: 2	Maximum: 1
Range: 0.2285714-1	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Sub-index for ports index

## barriers (barriers)

## File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3676471-1	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Sub-index for customs index

## bribes (bribes)

## File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3428572-1	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Sub-index for customs index

## transparency (transparency)

## File: TFdata

**Overview**

Type: Continuous	Valid cases: 7104
Format: numeric	Invalid: 3996
Width: 5	Minimum: 0.1
Decimals: 2	Maximum: 1
Range: 0.0887793-1	Mean: 0.6
	Standard deviation: 0.2

**Literal question**

Sub-index for regulation index

## corrupt (corrupt)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.5296552-1	Mean: 0.7
	Standard deviation: 0.1

**Literal question**

Sub-index for regulation index

## e\_cost (e\_cost)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 1
Range: 0.3478261-1	Mean: 0.6
	Standard deviation: 0.2

**Literal question**

Sub-index for services index

## internet (internet)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 1
Range: 0.4807692-1	Mean: 0.7
	Standard deviation: 0.1

**Literal question**

Sub-index for services index

## customs\_im (customs\_im)

File: TFdata

**Overview**

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 4	Minimum: 0.4
Decimals: 2	Maximum: 1
Range: 0.3838235-0.9785714	Mean: 0.7
	Standard deviation: 0.2

**Literal question**

Customs environment for importing country

## number (number)

File: TFdata

### Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 75
Range: 1-75	Mean: 38
	Standard deviation: 21.7

## FDI (FDI)

File: TFdata

### Overview

Type: Continuous	Valid cases: 11100
Format: numeric	Invalid: 0
Width: 10	Minimum: 488
Decimals: 2	Maximum: 1321063
Range: 488-1321063	Mean: 80943.4
	Standard deviation: 175502.4



# Related Materials

## Technical documents

### Data Description

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Title Data Description  
 Language English  
 Filename Data-description-large.pdf

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## Other materials

### Assessing the Potential Benefit of Trade Facilitation: A Global Perspective

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Title Assessing the Potential Benefit of Trade Facilitation: A Global Perspective  
 Author(s) John S. Wilson Catherine L. Mann Tsunehiro Otsuki  
 Date 2004-02-01  
 Language English  
 Filename <http://go.worldbank.org/F9B5SKTRO0>

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### Data in ASCII+SPSS+SAS Program

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Title Data in ASCII+SPSS+SAS Program  
 Filename WLD\_2000\_TCF\_v01\_M ASCII\_SPSS\_SAS.zip

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