

SUSTAINABLE DEVELOPMENT IN GERMANY

Data relating to the Indicator Report 2010



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Preliminary note

This publication "Data to the Indicator Report 2010" is a supplement to the Indicator Report 2010 on sustainable development in Germany. It provides not only the annual series pertaining to the sustainability indicators, but also supplies annual series relating to other interesting aspects relating to the sustainability indicators. Background information mentioned in the the indicator report is extended in order to increase the informational value and the transparency of the sustainability indicators.

In addition to (1) with the definition of the respective indicator, these pages contain (2) the data series pertaining to the indicator (in bold print) and the data series of the other curves shown in the charts. In some cases, the data series are given from which an indicator is derived mathematically. Item supplementary data (3) offers important additional information which may be useful for interpreting the indicator data and in most instances is mentioned in the texts. Sometimes further sources of information are listet apard from the data sources.

I. Intergeneration equity
Resource protection

1a Energy productivity

1. Definition

Energy productivity = gross domestic product / domestic primary energy consumption.

Energy productivity expresses how much gross domestic product (in euros, adjusted for price) is obtained per unit of primary energy used (in petajoules). Primary energy includes the primary energy sources obtained domestically and all imported energy sources minus those exported. This does not include offshore bunkering. From a use point of view this is equivalent to the energy employed for energetic purposes and for non-energetic use; to this can be added the conversion losses arising from the domestic conversion of energy and the statistical differences set out in the energy balance sheets.

2. Data on the time series of the indicator

No.	Specification	1990	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1990 = 100																		
1	Domestic primary energy consumption 1).....	100.0	98.0	95.7	98.9	98.0	97.4	96.1	96.6	98.5	96.8	98.0	97.9	97.5	99.2	94.8	95.2	89.5
2	Gross domestic product (GDP, price-adjusted).....	100.0	102.4	108.6	109.7	111.7	113.9	116.2	119.9	121.4	121.4	121.2	122.6	123.6	127.5	130.6	132.3	125.7
3	Energy productivity 2) <i>Specification: (3)= (2) / (1) * 100</i>	100.0	104.5	113.4	110.9	113.9	116.9	120.9	124.1	123.3	125.5	123.7	125.3	126.7	128.5	137.8	138.9	140.5

3. Supplementary data

No.	Specification	1990	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
petajoules																		
4	Domestic primary energy consumption (territorial concept) 1)	14,905	14,610	14,269	14,746	14,614	14,521	14,323	14,401	14,679	14,427	14,600	14,591	14,537	14,786	14,128	14,190	13,341
5	Total final energy consumption.....	9,472	9,366	9,322	9,686	9,535	9,458	9,300	9,234	9,455	9,226	9,356	9,296	9,239	9,296	8,815	9,127	...
6	Households.....	2,383	2,516	2,655	2,890	2,854	2,782	2,612	2,584	2,822	2,689	2,750	2,634	2,591	2,622	2,259	2,502	...
7	Business, trade and services.....	1,733	1,728	1,579	1,747	1,598	1,588	1,523	1,478	1,571	1,544	1,461	1,464	1,452	1,454	1,304	1,404	...
8	Industry.....	2,977	2,694	2,474	2,424	2,440	2,397	2,384	2,421	2,365	2,322	2,545	2,581	2,610	2,604	2,653	2,645	...
9	Transport.....	2,378	2,428	2,614	2,624	2,642	2,690	2,780	2,751	2,697	2,672	2,601	2,616	2,586	2,615	2,599	2,575	...
10	Primary energy consumption (national accounts concept).....	.	.	14,190	14,665	14,493	14,385	14,193	14,250	14,543	14,282	14,429	14,652	14,394	14,777	13,972	...	...
11	All homogeneous branches.....	.	.	10,278	10,517	10,351	10,320	10,281	10,398	10,397	10,288	10,428	10,696	10,567	10,966	10,571	...	...
12	Private households (residents concepts).....	.	.	3,912	4,148	4,142	4,064	3,912	3,851	4,146	3,995	4,001	3,956	3,827	3,811	3,401	...	...
1990 = 100																		
4	Domestic primary energy consumption (territorial concept)	100.0	98.0	95.7	98.9	98.0	97.4	96.1	96.6	98.5	96.8	98.0	97.9	97.5	99.2	94.8	95.2	89.5
5	Total final energy consumption.....	100.0	98.9	98.4	102.3	100.7	99.8	98.2	97.5	99.8	97.4	98.8	98.1	97.5	98.1	93.1	96.4	...
6	Households.....	100.0	105.6	111.4	121.3	119.8	116.7	109.6	108.4	118.4	112.8	115.4	110.5	108.7	110.0	94.8	105.0	...
7	Business, trade and services.....	100.0	99.7	91.1	100.8	92.2	91.6	87.9	85.2	90.6	89.1	84.3	84.4	83.8	83.9	75.2	81.0	...
8	Industry.....	100.0	90.5	83.1	81.4	82.0	80.5	80.1	81.3	79.5	78.0	85.5	86.7	87.7	87.5	89.1	88.9	...
9	Transport.....	100.0	102.1	109.9	110.3	111.1	113.1	116.9	115.7	113.4	112.3	109.3	110.0	108.7	110.0	109.3	108.3	...

No.	Specification	1990	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1995 = 100																		
10	Primary energy consumption (national accounts concept).....	.	.	100.0	103.3	102.1	101.4	100.0	100.4	102.5	100.7	101.7	103.3	101.4	104.1	98.5	...	...
11	All homogeneous branches.....	.	.	100.0	102.3	100.7	100.4	100.0	101.2	101.2	100.1	101.5	104.1	102.8	106.7	102.8	...	...
12	Private households (residents concepts).....	.	.	100.0	106.0	105.9	103.9	100.0	98.5	106.0	102.1	102.3	101.1	97.8	97.4	86.9	...	...

1) Revised figures published by Working Group on Energy Balances (AGEB) in October 2009 (1990 - 2007) in March 2010 (2008 - 2009).

2) Due to revised figures from AGEB results slightly differ from figures published in the Indicator Report 2008, cf. footnote 1.

Source: Working Group on Energy Balances (AGEB), Auswertungstabellen, from October 2009.

Statistisches Bundesamt (Federal Statistical Office), Umweltökonomische Gesamtrechnungen (Environmental-Economic Accounting), May 2010.

4. Further information

In English: Economy and Use of Environmental Resources, Tables on Environmental-Economic Accounting (www.destatis.de, path: Further topics\Environment\Environmental-Economic Accounting\Publications)

In German: Statistisches Bundesamt: Umweltnutzung und Wirtschaft - Bericht zu den Umweltökonomischen Gesamtrechnungen (www.destatis.de unter Themen\Umwelt\Umweltökonomische Gesamtrechnungen\Publikationen)

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I. Intergeneration equity
Resource protection

1b Raw material productivity

1. Definition

Raw material productivity = gross domestic product / domestic abiotic primary materials.

Raw material productivity expresses how much gross domestic product (in euros, adjusted for price) is obtained per tonne of abiotic primary material used.

The (non-renewable) raw materials withdrawn from the domestic environment – not counting agricultural and forestry products – as well as imported abiotic materials (raw materials, semi-finished and finished products) are considered to be abiotic primary material.

2. Data on the time series of the indicator

No.	Specification	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾
1994 = 100																
1	Withdrawal of raw materials and imports.....	100.0	96.9	95.2	94.4	92.9	94.6	93.9	89.3	88.4	89.4	89.1	87.3	91.5	89.9	88.9
2	Gross domestic product (GDP, price-adjusted).....	100.0	101.9	102.9	104.8	106.9	109.0	112.5	113.9	113.9	113.7	115.1	115.9	119.6	122.5	124.1
3	Raw material productivity..... <i>Specification: (3)= (2) / (1)</i>	100.0	105.1	108.1	111.0	115.1	115.3	119.8	127.6	128.8	127.1	129.1	132.7	130.7	136.3	139.6

3. Supplementary data

No.	Specification	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾
mn tonnes																
4	Withdrawal of raw materials and imports.....	1,500.4	1,454.6	1,427.9	1,415.7	1,393.2	1,419.4	1,409.6	1,339.9	1,326.9	1,341.9	1,337.1	1,310.4	1,373.0	1,348.9	1,333.4
5	Withdrawal of raw materials	1,107.9	1,061.3	1,022.7	1,003.9	962.9	1,007.0	969.6	913.3	895.3	888.4	866.2	841.5	875.4	852.4	835.0
6	Imports of raw materials and goods.....	392.5	393.3	405.2	411.8	430.3	412.3	439.9	426.6	431.5	453.5	470.9	468.9	497.6	496.5	498.4
7	Share of imports in the primary material use (%).....	26.2	27.0	28.4	29.1	30.9	29.1	31.2	31.8	32.5	33.8	35.2	35.8	36.2	36.8	37.4
8	Energy sources.....	514.5	499.4	512.8	502.5	496.4	480.1	489.0	495.2	505.8	524.1	529.5	526.3	531.6	522.3	519.3
9	Domestic extraction.....	278.0	265.5	255.8	243.8	227.0	220.8	220.7	222.4	227.9	225.5	226.9	220.9	215.7	219.0	209.1
10	Imports.....	236.5	233.8	257.1	258.8	269.4	259.3	268.3	272.8	277.9	298.5	302.7	305.4	316.0	303.2	310.2
11	Of which: energy sources.....	172.9	170.1	190.8	187.2	194.6	192.3	194.7	199.3	208.4	225.0	224.5	227.8	232.7	224.8	228.2
12	Semi-finished products out of energy sources.....	48.0	47.8	51.0	55.1	56.4	48.9	53.3	53.4	49.0	50.4	53.1	52.2	54.6	48.0	52.7
13	Finished products predominately from energy sources.....	15.5	15.9	15.2	16.6	18.4	18.1	20.3	20.1	20.6	23.2	25.1	25.4	28.6	30.5	29.3
14	Ores and their products.....	87.3	90.5	82.8	90.4	100.7	93.7	107.5	99.3	101.2	103.4	117.2	113.0	128.5	138.3	134.0
15	Domestic extraction.....	0.1	0.1	0.1	0.2	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
16	Imports.....	87.2	90.4	82.7	90.2	100.1	93.1	107.0	98.8	100.8	103.0	116.8	112.6	128.1	137.8	133.5
17	Of which: ores.....	47.0	47.3	42.9	45.6	51.2	43.6	51.9	44.5	48.6	43.1	51.2	47.0	49.6	52.3	51.2
18	Semi-finished products out of ores.....	9.6	9.7	8.3	10.4	11.6	10.9	13.0	12.8	12.5	14.6	17.3	17.1	19.2	20.9	20.0
19	Finished products mostly out of ores.....	30.6	33.5	31.4	34.1	37.3	38.6	42.1	41.6	39.8	45.3	48.4	48.5	59.3	64.7	62.4

No.	Specification	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾
mn tonnes																
20	Construction minerals.....	805.6	775.3	744.8	734.1	706.9	756.0	724.5	661.2	634.9	628.4	601.2	581.8	620.0	596.5	590.8
21	Domestic extraction.....	775.3	746.1	716.2	707.3	683.1	731.1	696.5	638.9	614.3	609.9	583.2	563.3	601.2	576.7	571.2
22	Imports.....	30.3	29.2	28.6	26.8	23.7	24.9	28.0	22.3	20.6	18.5	18.0	18.5	18.7	19.8	19.6
23	Of which: construction minerals.....	27.9	26.7	26.3	24.5	21.2	22.0	24.8	20.0	18.6	16.4	16.0	16.3	16.3	17.2	17.3
24	Semi-finished products out of construction minerals.....	2.0	2.0	1.9	1.8	2.0	2.4	2.8	1.8	1.5	1.6	1.4	1.5	1.6	1.8	1.5
25	Finished products mostly out of construction minerals.....	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.6	0.7	0.7	0.8	0.8
26	Industrial minerals.....	93.0	89.4	87.5	88.6	89.3	89.5	88.6	84.3	85.0	86.0	89.2	89.3	92.9	91.9	89.3
27	Domestic extraction.....	54.5	49.6	50.7	52.6	52.1	54.5	52.0	51.6	52.8	52.5	55.8	56.9	58.1	56.3	54.2
28	Imports.....	38.5	39.8	36.8	36.0	37.1	35.1	36.6	32.7	32.2	33.4	33.4	32.4	34.8	35.7	35.1
29	Of which: industrial minerals.....	7.8	8.8	8.1	8.6	8.8	8.1	9.4	8.5	9.6	9.7	9.5	9.2	10.2	10.6	9.6
30	Semi-finished products out of industrial minerals.....	25.9	26.3	23.0	21.7	22.1	20.8	20.2	17.8	15.9	16.0	15.7	15.0	15.4	15.3	15.3
31	Finished products mostly out of industrial minerals.....	4.8	4.8	5.6	5.7	6.3	6.2	7.0	6.4	6.7	7.7	8.1	8.2	9.2	9.8	10.3
1994 = 100																
32	Withdrawal of raw materials.....	100.0	95.8	92.3	90.6	86.9	90.9	87.5	82.4	80.8	80.2	78.2	76.0	79.0	76.9	75.4
33	Imports of raw materials and goods.....	100.0	100.2	103.2	104.9	109.6	105.1	112.1	108.7	109.9	115.5	120.0	119.5	126.8	126.5	127.0
34	Withdrawal of raw materials and imports of Energy sources.....	100.0	97.1	99.7	97.7	96.5	93.3	95.0	96.2	98.3	101.9	102.9	102.3	103.3	101.5	100.9
35	Ores and their products.....	100.0	103.7	94.8	103.5	115.3	107.3	123.1	113.7	115.9	118.4	134.3	129.4	147.2	158.3	153.5
36	Construction minerals.....	100.0	96.2	92.5	91.1	87.7	93.9	89.9	82.1	78.8	78.0	74.6	72.2	77.0	74.0	73.3
37	Industrial minerals.....	100.0	96.1	94.1	95.3	96.0	96.3	95.3	90.6	91.4	92.4	95.9	96.0	99.9	98.8	96.0

1) Preliminary results.

Source: Statistisches Bundesamt (Federal Statistical Office), Umweltökonomische Gesamtrechnungen (Environmental-Economic Accounting), 2009.
Der Bergbau in der Bundesrepublik Deutschland - Bergwirtschaft und Statistik, Hrsg.: Bundesministerium für Wirtschaft und Technologie (www.bmwi.de)

4. Further information

In English: Economy and Use of Environmental Resources, Tables on Environmental-Economic Accounting (www.destatis.de , path: Further topics\Environment\Environmental-Economic Accounting\Publications)

In German: Statistisches Bundesamt: Umweltnutzung und Wirtschaft - Bericht zu den Umweltökonomischen Gesamtrechnungen (www.destatis.de unter Themen\Umwelt\Umweltökonomische Gesamtrechnungen\Publikationen)

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I. Intergeneration equity
Climate protection

2 Greenhouse gas emissions

1. Definition

Emissions of the following greenhouse gases (substances or substance classes) according to the Kyoto Protocol: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), partly halogenated hydrofluorocarbons (H-FKW/HFC), perfluorocarbons (FKW/PFC) and sulphur hexafluoride (SF₆). The base year is 1990 for CO₂, CH₄, N₂O und 1995 for HFC, PFC, SF₆. Calculations are based on the database Zentrales System Emissionen (Central System of Emissions - ZSE) of the Federal Environment Agency taking additional statistical energy information into account.

2. Data on the time series of the indicator

No.	Specification	Basisjahr	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
		Base year = 100 ²⁾																				
1	Greenhouse gas emissions.....	100.0	99.7	96.0	91.8	91.0	89.4	89.2	90.8	87.8	85.8	83.2	82.9	84.3	82.7	82.1	81.0	79.2	79.7	77.6	77.6	71.1

3. Supplementary data

No.	Specification	Base year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
		mn tonnes CO ₂ -equivalents																				
2	Greenhaus gases.....	1,235.4	1,231.9	1,185.8	1,134.7	1,124.0	1,105.1	1,101.4	1,122.2	1,084.5	1,060.1	1,027.5	1,024.8	1,041.5	1,021.3	1,014.6	1,000.7	978.4	984.1	958.3	958.8	878.0
3	CO2	1,036.7	1,036.7	999.1	951.3	941.1	926.0	925.4	948.2	917.2	911.0	884.2	886.9	903.7	888.0	885.6	872.5	853.5	861.3	833.9	833.1	765.0
4	Other (CH ₄ ,N ₂ O,H-FKW, SF ₆)	198.7	195.1	186.7	183.4	183.0	179.1	176.0	174.0	167.3	149.2	143.3	137.9	137.8	133.3	129.0	128.3	124.8	122.8	124.4	125.8	113.0
5	Including: CH ₄	103.3	103.3	98.0	93.7	92.9	88.1	84.8	81.9	78.0	72.8	71.9	68.0	64.6	61.1	57.6	53.7	51.5	49.5	48.1	47.7	46.0
6	N ₂ O	80.0	80.0	77.2	77.8	75.5	76.0	75.7	77.6	74.6	61.3	57.6	57.6	59.6	58.4	57.5	60.0	57.8	56.7	59.0	60.2	48.0
7	HFC	6.5	4.4	4.0	4.2	6.2	6.3	6.5	5.9	6.4	7.0	7.2	6.5	7.9	8.8	8.6	9.2	10.0	10.5	11.1	11.5	12.0
8	PFC	1.7	2.7	2.3	2.1	2.0	1.6	1.7	1.7	1.4	1.5	1.2	0.8	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.5	1.0
9	SF ₆	7.2	4.8	5.1	5.6	6.4	7.0	7.2	6.9	6.9	6.7	5.3	5.1	4.9	4.2	4.4	4.6	4.9	5.5	5.6	5.8	6.0
		in %																				
10	Share CO ₂	83.9	84.2	84.3	83.8	83.7	83.8	84.0	84.5	84.6	85.9	86.1	86.5	86.8	86.9	87.3	87.2	87.2	87.5	87.0	86.9	87.1
		Base year = 100 ²⁾																				
11	Greenhaus gases.....	100.0	99.7	96.0	91.8	91.0	89.4	89.2	90.8	87.8	85.8	83.2	82.9	84.3	82.7	82.1	81.0	79.2	79.7	77.6	77.6	71.1
12	CO ₂	100.0	100.0	96.4	91.8	90.8	89.3	89.3	91.5	88.5	87.9	85.3	85.5	87.2	85.7	85.4	84.2	82.3	83.1	80.4	80.4	73.8
13	Other (CH ₄ ,N ₂ O,H-FKW, SF ₆)	100.0	98.2	93.9	92.3	92.1	90.1	88.6	87.6	84.2	75.1	72.1	69.4	69.3	67.1	64.9	64.5	62.8	61.8	62.6	63.3	56.9
14	Including: CH ₄	100.0	100.0	94.9	90.7	90.0	85.3	82.1	79.3	75.5	70.4	69.6	65.8	62.6	59.2	55.8	52.0	49.8	47.9	46.6	46.2	44.5
15	N ₂ O	100.0	100.0	96.5	97.3	94.4	95.0	94.7	97.0	93.3	76.6	72.1	72.0	74.5	73.0	71.9	75.0	72.2	70.8	73.8	75.2	60.0
16	HFC	100.0	67.5	62.0	64.8	95.2	97.9	100.0	90.5	98.8	107.6	111.4	100.2	122.0	136.0	133.3	142.8	154.4	162.7	172.2	177.3	185.5
17	PFC	100.0	154.8	133.3	120.1	112.1	94.3	100.0	97.9	78.2	84.1	70.9	44.7	41.0	45.0	48.5	46.9	40.4	32.5	30.2	30.3	57.2
18	SF ₆	100.0	66.3	70.9	78.0	88.7	96.8	100.0	96.0	95.6	92.9	73.6	70.4	68.6	58.7	60.7	63.1	67.8	76.3	77.1	81.0	83.1

1) Prediction of the Federal Environment Agency based on simplified calculations (Status from March 2010).

2) Base year is 1990 for CO₂, CH₄, N₂O and 1995 for HFC, PFC, SF₆ (according to Kyoto Protocol).

Source: Umweltbundesamt (Federal Environment Agency); German Greenhouse Gas Inventory 2010, Status from January 2010

4. Further information

United Nations Framework Convention on Climate Change (UNFCCC), <http://unfccc.int/2860.php>
Annual European Union Greenhouse Gas inventory 1990-2008 of 15.4.2010 (European Environment Agency,

http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/5270.php

I. Intergeneration equity
Renewable energies

3a, b Share of renewable energy sources in energy consumption

1. Definition

Share of renewable energy sources in total primary energy consumption (3a) and share of renewable energy sources in electricity consumption (3b). Renewable energies include, among others, hydropower, wind power, photovoltaics, solar energy and geothermal energy as well as biomass, such as wood and the biodegradable portions of domestic refuse.

2. Data on the time series of the indicator

No.	Specification	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾	2009 ¹⁾
		%																			
1	Share of primary energy consumption 2).....	1.3	1.3	1.4	1.6	1.8	1.9	1.8	2.4	2.6	2.8	2.9	2.9	3.2	3.8	4.5	5.3	6.3	7.9	8.1	8.9
2	Share of (gross-) consumption of electricity.....	3.1	3.1	3.7	3.9	4.2	4.5	4.1	4.3	4.7	5.4	6.4	6.7	7.8	7.5	9.2	10.1	11.6	14.2	15.2	16.1

3. Supplementary data

No.	Specification	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾	2009 ¹⁾
		GWh																			
3	Electricity production renewable energies.....	17,087	16,973	19,928	20,768	22,294	24,271	22,490	23,721	26,233	29,843	37,217	39,033	45,647	44,993	56,052	62,112	71,487	87,597	93,270	93,543
4	Hydropower 3).....	15,580	15,402	18,091	18,526	19,501	20,747	18,340	18,453	18,452	20,686	24,867	23,241	23,662	17,722	19,910	19,576	20,042	21,249	20,446	19,000
5	Wind power.....	71	100	275	600	909	1,500	2,032	2,966	4,489	5,528	7,550	10,509	15,786	18,713	25,509	27,229	30,710	39,713	40,574	37,809
6	Biomass 4).....	222	259	297	433	570	665	759	879	1,642	1,847	2,893	3,348	4,089	6,085	7,960	10,979	14,840	19,430	22,872	25,515
7	Biodegradable portions of domestic refuse 5).....	1,213	1,211	1,262	1,203	1,306	1,348	1,343	1,397	1,618	1,740	1,844	1,859	1,949	2,161	2,117	3,047	3,675	4,130	4,940	5,000
8	Photovoltaic.....	1	2	3	6	8	11	16	26	32	42	64	76	162	313	556	1,282	2,220	3,075	4,420	6,200
9	Geothermal energy.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	19

1) Preliminary results.

2) Based on efficiency method.

3) In the case of pumped-storage power plants, electricity generated from natural inflow only.

4) Until 1998, only free-in to the general supply grid.

5) Share of biogenic waste estimated at 50%.

Source: Working Group on Energy Balances (AGEB), Working Group on Renewable Energies - Statistics (AGEE-Stat), Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW) (Centre for Solar Energy and Hydrogen Research Baden-Württemberg); Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (editor): Renewable Energies in Figures - National and International Development, March 2010

4. Further information

Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (editor): Renewable Energies in Figures - National and International Development, March 2010

I. Intergeneration equity
Land use

4 Increase in land use for housing and transport

1. Definition

Average daily increase in land use for housing and transport. Determination by the division of the increase in land use for housing and transport (in hectares) in a defined period of time (one year or four years) by the number of days (365/366 or 1461). The moving four-year average is determined in each case by the development of land use for housing and transport in the relevant year and the preceding three years. The data for one year are currently influenced by external effects (the public land survey registers are being reorganised), so that the moving four-year average given a better picture.

2. Data on the time series of the indicator

No.	Specification	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		ha per day																
1	Increase in housing and transport area.....	.		120 ¹⁾			124	131	131	131	121	110	99	131	118	106	97	95
2	Increase in housing and transport area (moving four-year average).....	.	.	.	.	120	121	123	126	129	128	123	115	115	114	113	113	104

3. Supplementary data

No.	Specification	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		ha per day																
3	Increase in building and adjacent open area, operating area 2).....	.		87 ¹⁾			83	87	87	87	70	66	45	60	35	30	40	35
4	Increase in recreation area, cemetery.....	.		9 ¹⁾			20	21	21	21	29	21	34	46	57	52	33	39
5	Increase in transport area.....	.		24 ¹⁾			21	23	23	24	23	22	20	25	25	24	24	21
		km ²																
6	Housing and transport area 3) 4) 5).....	40,305	40,742	41,179	41,615	42,052	42,506	42,982	43,459	43,939	44,381	44,780	45,141	45,621	46,050	46,436	46,789	47,137
7	Of which: housing area.....	23,864	.	.	.	25,267	25,644	26,036	26,428	26,821	27,181	27,498	27,785	28,175	28,513	28,810	29,074	29,347
8	Of which 6): building and adjacent open area, operating area 2).....	21,283	.	.	.	22,557	22,861	23,178	23,495	23,813	24,068	24,308	24,472	24,692	24,822	24,930	25,075	25,204
9	recreation area, cemetery.....	2,581	.	.	.	2,709	2,783	2,858	2,933	3,008	3,113	3,190	3,313	3,483	3,691	3,881	3,999	4,144
10	Transport area 6).....	16,441	.	.	.	16,786	16,861	16,946	17,031	17,118	17,200	17,282	17,356	17,446	17,538	17,626	17,715	17,790
11	Including: road, path, square.....	14,815	.	.	.	15,005	.	.	.	15,264	.	.	.	15,583	.	.	.	15,683
Housing area used by:																		
12	Production activities.....	10,631	.	.	.	11,274	.	.	.	11,782	.	.	.	11,996	.	.	.	12,588
13	Private households.....	12,022	.	.	.	12,659	.	.	.	13,457	.	.	.	14,678	.	.	.	15,430
14	Unused.....	1,211	.	.	.	1,333	.	.	.	1,582	.	.	.	1,502	.	.	.	1,329

No.	Specification	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1992 = 100																		
15	Housing and transport area.....	100.0	.	.	.	104.3	105.5	106.6	107.8	109.0	110.1	111.1	112.0	113.2	114.3	115.2	116.1	117.0
16	Of which: housing area.....	100.0	.	.	.	105.9	107.5	109.1	110.7	112.4	113.9	115.2	116.4	118.1	119.5	120.7	121.8	123.0
17	Of which 6): building and adjacent open area, operating area 2).....	100.0	.	.	.	106.0	107.4	108.9	110.4	111.9	113.1	114.2	115.0	116.0	116.6	117.1	117.8	118.4
18	recreation area, cemetery.....	100.0	.	.	.	105.0	107.8	110.7	113.6	116.5	120.6	123.6	128.3	134.9	143.0	150.3	154.9	160.5
19	Transport area 6).....	100.0	.	.	.	102.1	102.6	103.1	103.6	104.1	104.6	105.1	105.6	106.1	106.7	107.2	107.7	108.2
20	Including: road, path, square.....	100.0	.	.	.	101.3	.	.	.	103.0	.	.	.	105.2	.	.	.	105.9
Housing area used by:																		
21	Production activities.....	100.0	.	.	.	106.1	.	.	.	110.8	.	.	.	112.8	.	.	.	118.4
22	Private households.....	100.0	.	.	.	105.3	.	.	.	111.9	.	.	.	122.1	.	.	.	128.3
23	Unused.....	100.0	.	.	.	110.0	.	.	.	130.6	.	.	.	124.0	.	.	.	109.7
mn																		
24	Inhabitants 3).....	81.0	81.3	81.5	81.8	82.0	82.1	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.4	82.3	82.2	82.0
m ²																		
25	Per capita entitlement to living floor space.....	.	36.2	.	.	.	.	39.3	.	.	.	41.6	.	.	.	42.9	.	.
bn km																		
26	Total vehicle mileage on the road.....	590.0	597.5	613.6	624	630.4	637.1	648.7	671.1	663.0	682.6	687.2	682.2	696.4	684.3	687.3	692.0	690.1
Euro bn																		
27	Gross fixed capital formation in construction (price-adjusted, chained absolute value).....	239.7	244.3	261.6	257.0	250.0	246.3	244.1	247.8	241.9	230.7	217.3	213.7	205.5	199.3	208.4	208.4	213.8
Base year = 100																		
28	Inhabitants (1992 = 100).....	100.0	100.4	100.7	101.0	101.3	101.3	101.3	101.5	101.6	101.8	101.9	101.9	101.9	101.8	101.7	101.5	101.3
29	Per capita entitlement to living floor space (1993 = 100).....	.	100.0	.	.	.	.	108.6	.	.	.	114.9	.	.	.	118.5	.	.
30	Total vehicle mileage on the road (1992 = 100).....	100.0	101.3	104.0	105.8	106.8	108.0	109.9	113.7	112.4	115.7	116.5	115.6	118.0	116.0	116.5	117.3	117.0
31	Gross fixed capital formation in construction (2000 = 100) (price-adjusted, chained absolute value).....	99.1	101.0	108.2	106.3	103.4	101.8	101.0	102.5	100.0	95.4	89.8	88.4	85.0	82.4	86.2	86.2	88.4

1) 1993 - 1996.

2) Excluding exploitation area.

3) The reference data is 31.12.

4) 1993 - 1995: Interpolated values, exclusively for the purpose of calculating a moving four-year average.

5) 1997 - 1999: The data are based on a projection by the Federal Office for Building and Regional Planning.

6) 1997 - 1999: Linear interpolation with subsequent adjustment to the expanded values of housing and transport area.

Source: Statistisches Bundesamt (Federal Statistical Office): Area survey, Environmental-Economic Accounting, Current population statistics, Building and housing sample survey, Microcensus, National accounts
 Bundesamt für Bauwesen und Raumordnung (Federal Office for Building and Regional Planning), 2002
 Bundesministerium für Verkehr, Bau und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) - editor: Verkehr in Zahlen (Transport in Figures), 2009/2010

4. Further information

In English: Economy and Use of Environmental Resources, Tables on Environmental-Economic Accounting (www.destatis.de, path: Further topics\Environment\Environmental-Economic Accounting\Publications)

In German: Statistisches Bundesamt: Umweltnutzung und Wirtschaft - Bericht zu den Umweltökonomischen Gesamtrechnungen (www.destatis.de unter Themen\Umwelt\Umweltökonomische Gesamtrechnungen\Publikationen)

In German: Statistisches Bundesamt: Umweltnutzung und Wirtschaft - Tabellen zu den Umweltökonomischen Gesamtrechnungen (www.destatis.de unter Themen\Umwelt\Umweltökonomische Gesamtrechnungen\Publikationen)

In German: Statistisches Bundesamt: Land- und Forstwirtschaft, Fischerei, Bodenfläche nach Art der tatsächlichen Nutzung, Fachserie 3, Reihe 5.1

I. Intergeneration equity
Species diversity

5 Species diversity and landscape quality

1. Definition

With reference to the projected target value of 100 that is to be reached by 2015, the indicator shows the state of development as an index (percentage of target value). The index is calculated from the level of target achievement, laid down for a total of 59 bird species for target year. The bird species on which the indicator is based represent the most important types of landscape and habitat in Germany (farmland, forests, settlements, inland waters, coasts and seas and the Alps). The size of the bird population reflects the suitability of the landscape as a habitat for the bird species chosen. This indicator also indirectly reflects the development of a number of other species in the landscape and sustainability of land use, since there are also other species besides birds that rely on a richly structured landscape with intact, sustainably used habitats. The historical values for 1970 and 1975 have been reconstructed. For some bird species in coastal/marine habitats, inland waters and in the Alps, values have been extrapolated in individual years.

2. Data on the time series of the indicator

No.	Specification	1970 ¹⁾	1975 ¹⁾	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		Index 2015 = 100																				
1	Total index	106	101	77	73	72	74	77	73	76	73	70	74	72	71	70	70	73	74	70	69	69
2	Sub-index forests.....	78	78	82	78	78	79	82	71	79	77	71	74	73	75	74	80	80	82	79	74	81
3	Sub-index housing area.....	99	100	80	73	68	75	71	74	84	77	75	73	68	70	63	59	67	66	66	62	59
4	Sub-index farmland.....	127	117	73	70	69	70	75	73	75	71	69	75	71	68	69	68	71	73	67	67	66
5	Sub-index inland waters 2).....	83	80	65	56	57	64	69	68	58	59	62	67	67	73	67	67	72	73	63	71	73

3. Supplementary data

No.	Specification	1970 ¹⁾	1975 ¹⁾	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		2015 = 100																				
6	Sub-index coast and sea 2).....	77	81	77	71	77	78	85	85	73	76	79	77	77	81	72	68	63	63	64	66	56
7	Sub-index for the Alps 2).....	100	102	100	92	103	100	100	89	89	100	66	78	84	76	68	69	78	76	67	61	57

1) The historical values for 1970 and 1975 have been reconstructed.

2) For some bird species in the habitats of coasts and seas, inland waters and in the Alps, values for individual years have been extrapolated.

Source: Bundesamt für Naturschutz (BfN) (Federal Agency for Nature Conservation) 2010

4. Further information

In German: Bundesamt für Naturschutz (Federal Agency for Nature Conservation), www.bfn.de

In German: Dachverband Deutscher Avifaunisten, www.dda-web.de (Monitoring der häufigen Brutvögel)

Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit (BMU): Indikatorenbericht 2010 zur nationalen Biodiversitätsstrategie (autumn 2010)

I. Intergeneration equity
National debt

6 National deficit

1. Definition

National deficit (or financing balance), calculated from national revenue minus national expenditure (by the Federal Government, the *Länder*, municipalities and social security) itemised under national accounts as a percentage of the gross domestic product. Proceeds from the UMTS auctions are not included.

2. Data on the time series of the indicator

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
Euro bn																				
1	Net lending / net borrowing, adjusted 2).....	-43.8	-40.7	-50.9	-40.9	-61.0	-62.5	-50.6	-42.7	-29.3	-24.8	-59.6	-78.3	-87.3	-83.5	-74.2	-38.1	4.7	1.0	-75.3
2	Gross domestic product (GDP) 3).....	1,534.6	1,646.6	1,694.4	1,780.8	1,848.5	1,876.2	1,915.6	1,965.4	2,012.0	2,062.5	2,113.2	2,143.2	2,163.8	2,210.9	2,242.2	2,325.1	2,428.2	2495.8	2409.1
%																				
3	National deficit in % of GDP..... <i>Specification: (3)= ((1) * 100 / (2))*-1</i>	2.9	2.5	3.0	2.3	3.3	3.3	2.6	2.2	1.5	1.2	2.8	3.7	4.0	3.8	3.3	1.6	-0.2	-0.04	3.1

3. Supplementary data ⁴⁾

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
Euro bn																				
4	Revenue.....	665.93	736.96	766.07	811.37	833.61	862.60	875.59	901.29	937.59	957.49	945.45	952.50	961.93	957.68	976.08	1,016.38	1,065.32	1,091.79	1,065.19
	Including:																			
5	Rates.....	596.27	651.88	680.98	720.94	744.32	776.35	792.57	818.72	854.76	877.44	861.37	868.19	878.05	877.79	889.68	930.59	976.14	1,000.67	974.25
6	Taxes.....	337.89	368.21	380.26	397.61	405.70	420.19	424.36	446.61	479.39	499.04	477.69	477.45	481.79	481.28	493.16	530.62	576.31	592.60	564.08
7	Social contributions.....	258.38	283.67	300.72	323.33	338.62	356.16	368.21	372.11	375.37	378.40	383.68	390.74	396.26	396.51	396.52	399.97	399.83	408.07	410.17
8	Expenditure.....	709.76	777.66	817.00	852.26	1,012.33	925.08	926.20	944.02	966.89	930.40	1,005.06	1,030.84	1,049.21	1,041.21	1,050.25	1,054.48	1,060.65	1,090.78	1,140.51
	Including:																			
9	Intermediate consumption.....	68.94	73.80	74.79	75.84	77.11	77.57	76.99	78.89	83.46	82.38	85.24	88.36	90.33	91.19	95.45	98.20	101.23	106.60	113.92
10	Compensation of employees.....	135.14	148.42	154.30	156.87	161.73	163.66	163.29	163.52	165.60	166.11	166.22	168.68	169.24	169.59	168.90	167.92	168.38	172.13	177.00
11	Social benefits other than social transfer in kind....	235.38	263.71	288.64	306.89	325.55	353.22	361.05	365.62	374.61	379.73	392.84	417.03	427.47	428.58	429.61	426.80	418.58	421.62	444.02
12	Social benefits in kind.....	99.26	113.90	116.67	127.08	136.04	143.06	142.42	144.86	148.49	152.97	158.35	162.80	166.73	163.46	167.36	171.60	178.20	185.76	196.72
13	Gross capital formation.....	40.47	46.45	45.77	45.32	40.41	38.72	35.30	35.54	37.51	36.19	36.83	36.06	33.86	31.68	30.28	32.39	34.33	37.44	40.05
14	Net lending / net borrowing (4-8).....	-43.83	-40.70	-50.93	-40.89	-178.72	-62.48	-50.61	-42.73	-29.30	27.09	-59.61	-78.34	-87.28	-83.53	-74.17	-38.10	4.67	1.01	-75.32

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
in % of gross domestic product																				
15	Revenue.....	43.4	44.8	45.2	45.6	45.1	46.0	45.7	45.9	46.6	46.4	44.7	44.4	44.5	43.3	43.5	43.7	43.9	43.7	44.2
	Including:																			
16	Rates.....	38.9	39.6	40.2	40.5	40.3	41.4	41.4	41.7	42.5	42.5	40.8	40.5	40.6	39.7	39.7	40.0	40.2	40.1	40.4
17	Taxes.....	22.0	22.4	22.4	22.3	21.9	22.4	22.2	22.7	23.8	24.2	22.6	22.3	22.3	21.8	22.0	22.8	23.7	23.7	23.4
18	Social contributions.....	16.8	17.2	17.7	18.2	18.3	19.0	19.2	18.9	18.7	18.3	18.2	18.2	18.3	17.9	17.7	17.2	16.5	16.4	17.0
19	Expenditure.....	46.3	47.2	48.2	47.9	54.8	49.3	48.4	48.0	48.1	45.1	47.6	48.1	48.5	47.1	46.8	45.4	43.7	43.7	47.3
	Including:																			
20	Intermediate consumption.....	4.5	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.1	4.0	4.0	4.1	4.2	4.1	4.3	4.2	4.2	4.3	4.7
21	Compensation of employees.....	8.8	9.0	9.1	8.8	8.7	8.7	8.5	8.3	8.2	8.1	7.9	7.9	7.8	7.7	7.5	7.2	6.9	6.9	7.3
22	Social benefits other than social transfer in kind....	15.3	16.0	17.0	17.2	17.6	18.8	18.8	18.6	18.6	18.4	18.6	19.5	19.8	19.4	19.2	18.4	17.2	16.9	18.4
23	Social benefits in kind.....	6.5	6.9	6.9	7.1	7.4	7.6	7.4	7.4	7.4	7.4	7.5	7.6	7.7	7.4	7.5	7.4	7.3	7.4	8.2
24	Gross capital formation.....	2.6	2.8	2.7	2.5	2.2	2.1	1.8	1.8	1.9	1.8	1.7	1.7	1.6	1.4	1.4	1.4	1.4	1.5	1.7

1) Preliminary results. Press release 2010-05-21.

2) 1995: excluding aquisition of debts from the former "Treuhandaanstalt", 2000: excluding revenues from the sale of UMTS licenses at auction; deficit non-adjusted: 1995: -178,7 Euro bn, 2000: 27,1 Euro bn.

3) At current prices.

4) With reference to the anadjusted balance of net lending / net borrowing.

Source: Statistisches Bundesamt (Federal Statistical Office), Volkswirtschaftliche Gesamtrechnungen (National Accounts), Inlandsproduktsberechnung - Detaillierte Jahresergebnisse, Fachserie 18 Reihe 1.4

4. Further information

In German: Statistisches Bundesamt (Federal Statistical Office), Volkswirtschaftliche Gesamtrechnungen (National Accounts), Inlandsproduktsberechnung - Detaillierte Jahresergebnisse, Fachserie 18 Reihe 1.4

I. Intergeneration equity
Provision for future economic stability

7 Gross fixed capital formation in relation to GDP

1. Definition

Gross fixed capital formation (in relevant prices) in relation to the gross domestic product (GDP), also referred to as investment ratio. This includes investments in buildings (residential buildings, non-residential buildings), equipment (machinery, vehicles, tools) and other assets (intangible assets, such as software and copyrights, property transfer costs, production livestock).

2. Data for the time series of the indicator

No.	Specification	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
		Euro bn															
1	Gross fixed capital formation (nominal) 2).....	356.8	405.0	399.9	402.4	414.5	428.4	442.4	422.9	393.0	386.7	387.0	390.1	422.8	455.5	474.7	429.9
2	Gross domestic product, nominal (GDP) 2).....	1,534.6	1,848.5	1,876.2	1,915.6	1,965.4	2,012.0	2,062.5	2,113.2	2,143.2	2,163.8	2,210.9	2,242.2	2,325.1	2,428.2	2,495.8	2,409.1
		%															
3	Rate of investment in % of GDP..... <i>Specification: (3)= (1) / (2) * 100</i>	23.2	21.9	21.3	21.0	21.1	21.3	21.5	20.0	18.3	17.9	17.5	17.4	18.2	18.8	19.0	17.8

3. Supplementary data

No.	Specification	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
		Euro bn															
Gross fixed capital formation by product (price-adjusted, chained values) 2)																	
4	Gross fixed capital formation	376.7	392.5	390.5	394.4	410.0	429.5	442.4	426.3	400.4	399.2	398.0	401.4	432.9	454.7	468.7	426.4
5	Machinery and equipment	145.6	122.0	125.4	131.6	146.8	159.6	176.7	170.2	157.4	159.2	166.4	175.4	196.1	217.6	224.8	178.7
6	Machinery	104.9	92.0	94.1	96.8	109.2	120.8	132.5	132.6	122.8	118.4	121.4	127.8	141.5	160.4	170.3	...
7	Transport equipment	41.9	29.9	31.3	35.0	37.7	38.8	44.2	37.6	34.6	40.4	44.3	46.8	53.5	56.6	55.0	...
8	Construction	217.1	257.0	250.0	246.3	244.1	247.8	241.9	230.7	217.3	213.7	205.5	199.3	208.4	208.4	213.8	211.4
9	Dwellings	109.5	141.1	140.9	141.5	142.0	144.5	140.9	132.4	124.6	123.4	119.8	115.3	121.3	119.5	120.1	118.8
10	Other buildings and structures	107.5	115.8	109.0	104.8	102.2	103.3	100.9	98.4	92.6	90.3	85.7	84.0	87.1	88.9	93.7	92.6
11	Building construction	71.3	75.8	71.4	67.7	66.3	65.6	64.2	62.7	58.2	55.6	52.6	51.5	53.8	55.9	60.3	59.6
12	Civil engineering	36.3	40.0	37.6	37.1	35.9	37.7	36.8	35.7	34.4	34.7	33.1	32.5	33.3	32.9	33.3	32.9
13	Other products 3)	11.1	14.9	16.2	17.2	19.4	22.2	23.9	25.4	25.7	26.4	26.7	28.0	30.5	32.5	34.3	35.9
Gross fixed capital formation by industry - new attachment - (price-adjusted, chained values)		Euro bn															
14	Agriculture, hunting and forestry; fishing	7.6	6.4	6.3	6.0	6.4	6.6	6.6	6.2	6.2	5.6	5.8	6.1	6.7	7.2	7.9	...
15	Industry	97.0	79.2	78.0	76.0	79.8	83.2	84.0	84.4	76.9	74.5	74.2	72.1	77.6	86.1	89.0	...
16	Services	280.5	315.8	315.8	322.8	334.6	351.5	362.8	349.3	331.9	331.6	331.1	336.3	362.8	374.9	385.1	...
17	Public administration and defence; compulsory social security ...	22.0	23.1	22.7	22.3	22.8	24.1	23.2	22.6	22.4	22.1	21.2	20.9	21.1	20.7	21.2	...

No.	Specification	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
	Gross fixed capital formation by product (price-adjusted, chain volume index 2000 = 100)	2000 = 100															
18	Gross fixed capital formation	85.1	88.7	88.3	89.1	92.7	97.1	100.0	96.4	90.5	90.2	90.0	90.7	97.8	102.8	105.9	96.4
20	Machinery and equipment	82.4	69.1	71.0	74.5	83.1	90.4	100.0	96.3	89.1	90.1	94.2	99.3	111.0	123.2	127.3	101.1
21	Machinery	79.2	69.5	71.0	73.0	82.4	91.2	100.0	100.1	92.7	89.4	91.6	96.5	106.8	121.1	128.6	...
22	Transport equipment	94.8	67.7	70.8	79.3	85.4	87.8	100.0	85.2	78.4	91.4	100.3	106.1	121.2	128.2	124.4	...
23	Construction	89.8	106.3	103.4	101.8	101.0	102.5	100.0	95.4	89.8	88.4	85.0	82.4	86.2	86.2	88.4	87.4
24	Dwellings	77.7	100.2	100.0	100.4	100.8	102.5	100.0	93.9	88.5	87.6	85.0	81.8	86.1	84.8	85.2	84.3
25	Other buildings and structures	106.5	114.8	108.0	103.9	101.2	102.4	100.0	97.5	91.8	89.5	84.9	83.2	86.3	88.1	92.9	91.8
	Building construction	111.1	118.1	111.3	105.5	103.2	102.2	100.0	97.7	90.7	86.6	81.9	80.3	83.8	87.1	94.0	92.9
	Civil engineering	98.8	108.9	102.4	101.0	97.7	102.6	100.0	97.1	93.6	94.4	90.1	88.5	90.6	89.6	90.7	89.5
26	Other products 3)	46.4	62.3	67.7	71.9	81.0	92.7	100.0	106.2	107.6	110.2	111.7	117.1	127.6	135.9	143.2	150.3
	Gross fixed capital formation by industry - new attachment - (price-adjusted)	2000 = 100															
28	Agriculture, hunting and forestry; fishing	115.8	97.9	96.9	91.8	98.2	100.8	100.0	94.2	94.8	86.2	88.3	92.9	102.2	109.3	121.4	...
29	Industry	115.5	94.3	92.9	90.5	94.9	99.1	100.0	100.5	91.5	88.6	88.3	85.8	92.4	102.5	105.9	...
30	Services	77.3	87.1	87.0	89.0	92.2	96.9	100.0	96.3	91.5	91.4	91.3	92.7	100.0	103.4	106.2	...
31	Public administration and defence; compulsory social security ...	94.8	100.0	98.0	96.1	98.4	104.0	100.0	97.8	96.8	95.6	91.6	90.4	91.4	89.3	91.5	...

1) Preliminary results for the year 2009, February 2010.

2) Chained values on the basis of volume indices (with reference to the year 2000).

3) Cultivated assets, intangible fixed assets, costs of ownership transfer on non-produced non financial assets of non-built-up land.

Source: Statistisches Bundesamt (Federal Statistical Office), Volkswirtschaftliche Gesamtrechnungen (National accounts), Inlandsproduktsberechnung - Detaillierte Jahresergebnisse, Fachserie 18 Reihe 1.1

4. Further information

In German: Statistisches Bundesamt (Federal Statistical Office), Volkswirtschaftliche Gesamtrechnungen (National Accounts), Inlandsproduktsberechnung - Detaillierte Jahresergebnisse, Fachserie 18 Reihe 1.4

I. Intergeneration equity
Innovation

8 Private and public spending on research and development

1. Definition

Spending on research and development by industry, government and institutions of higher education expressed as a percentage of gross domestic product.

2. Data on the time series of the indicator

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾
		%																	
	Private and public spending on research and development																		
1	Germany.....	2.47	2.35	2.28	2.18	2.19	2.19	2.24	2.27	2.40	2.45	2.46	2.49	2.52	2.49	2.48	2.53	2.53	2.64
2	Japan.....	2.96	2.92	2.85	2.79	2.92	2.81	2.87	3.00	3.02	3.04	3.12	3.17	3.20	3.17	3.32	3.40	3.44	...
3	USA.....	2.71	2.64	2.52	2.42	2.51	2.55	2.56	2.61	2.65	2.73	2.74	2.64	2.60	2.53	2.56	2.60	2.62	...
4	EU 27 ²⁾	-	-	-	-	1.66	1.66	1.78	1.79	1.84	1.85	1.86	1.87	1.86	1.82	1.82	1.85	1.85	1.90

3. Supplementary data

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾
		Euro mn																	
5	Spending on research and development (R&D) by sectors.....	37,848	38,689	38,624	38,902	40,460	41,169	42,859	44,649	48 191	50,619	52,002	53 364	54 539	54,967	55,739	58,779	61,482	65,873
6	Government and private non-profit sector.....	5,457	5,500	5,875	5,932	6,266	6,305	6,272	6,547	6,632	6,873	7,146	7,333	7,307	7,514	7,867	8,156	8,540	9,100
7	Higher education sector.....	6,145	6,609	6,817	7,059	7,378	7,652	7,677	7,768	7,937	8,146	8,524	9,080	9,202	9,089	9,221	9,475	9,908	10,700
8	Business sector.....	26,246	26,579	25,933	25,910	26,817	27,211	28,910	30,334	33,623	35,600	36,332	36,950	38,029	38,363	38,651	41,148	43,034	46,073
9	R&D expenditure in the public sector by disciplines	-	-	-	-	-	-	-	-	-	-	-	7,333	7,307	7,514	7,867	8,156	8,540	9,100
10	Natural sciences.....	-	-	-	-	-	-	-	-	-	-	-	3,471	3,394	3,554	3,636	3,820	4,054	...
11	Engineering sciences.....	-	-	-	-	-	-	-	-	-	-	-	2,080	2,075	2,118	2,320	2,281	2,405	...
12	Human medicine.....	-	-	-	-	-	-	-	-	-	-	-	487	490	461	483	520	562	...
13	Agricultural sciences.....	-	-	-	-	-	-	-	-	-	-	-	372	393	423	428	446	430	...
14	Humanities sciences.....	-	-	-	-	-	-	-	-	-	-	-	606	622	599	631	701	716	...
15	Social sciences.....	-	-	-	-	-	-	-	-	-	-	-	318	333	358	369	388	373	...
	R&D activities in business focus on the sectors																		
16	Vehicle construction.....	-	-	-	-	-	-	-	-	-	-	-	-	14,213	14,572	13,741	14,691	15,610	17,458
17	Including: automotive industry.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,392	13,519	15,120
18	Office machinery and computers, electrical equipment.....	-	-	-	-	-	-	-	-	-	-	-	-	7,600	7,649	7,583	8,267	8,157	8,683
19	Chemical industries.....	-	-	-	-	-	-	-	-	-	-	-	-	6,349	6,320	6,363	7,066	6,460	6,646
20	Pharmaceutical industries.....	-	-	-	-	-	-	-	-	-	-	-	-	3,059	3,143	3,389	3,648	3,312	3,414
21	Mechanical engineering.....	-	-	-	-	-	-	-	-	-	-	-	-	3,760	3,811	4,130	4,255	4,763	5,042

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹⁾
		Full-time equivalents ³⁾																	
22	Personnel in research and development.....	-	-	-	-	459,138	453,679	460,411	461,539	479,599	484,734	480,606	480,004	472,533	470,729	475,278	487,935	506,450	521,900
23	Government and private non-profit sector.....	-	-	-	-	75,148	74,725	73,495	73,369	71,435	71,454	71,906	72,690	73,867	76,088	76,254	78,357	80,644	81,000
24	Higher education sector.....	-	-	-	-	100,674	102,160	100,646	100,080	101,471	100,790	101,443	104,714	100,594	96,092	94,522	97,433	103,953	108,000
25	Business sector.....	-	-	-	-	283,316	276,794	286,270	288,090	306,693	312,490	307,257	302,600	298,072	298,549	304,502	312,145	321,853	332,900

1) Some values estimated.

2) 1997 bis 2008 estimation by Eurostat.

3) Including only those parts of the working hour that are performed in research and development activities, added up to full-time working equivalents.

Source: OECD: Main science and technology indicators 2009/2

Statistisches Bundesamt (Federal Statistical Office), Finanzstatistik, Fachserie 14, Reihe 3.6

Wissenschaftsstatistik GmbH im Stifterverband für die Deutsche Wissenschaft: Zahlen und Fakten aus der Wissenschaftsstatistik

4. Further information

In German: Wissenschaftsstatistik GmbH im Stifterverband für die Deutsche Wissenschaft: FuE Datenreport 2008 - Analysen und Vergleiche, Essen 2009.

In German: Oltmanns, E., Bolleyer, R., Schulz, I.: Forschung und Entwicklung nach den Konzepten der Volkswirtschaftlichen Gesamtrechnungen; in: Wirtschaft und Statistik 2/2009, S. 125 ff.

I. Intergeneration equity
Education and training

9a 18- to 24-year-olds without school leaving certificate

1. Definition

Share of 18- to 24-year-olds (of all 18- to 24-year-olds) who currently do not attend any school or institution of higher education and are not in training and hold no qualifications from post-16 education or from the dual system of vocational training. Graduates of *Sekundarstufe I* (level 2 of the International Standard Classification of Education) who subsequently did not complete vocational training or did not qualify for university entrance or are no longer involved in the process of education are included. This incorporates those with and without a leaving certificate from a *Hauptschule* (the lowest of the three-tiered German secondary school system).

2. Data on the time series of the indicator

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
18- to 24-year-olds without a leaving certificate from post-16 education and not in training		%										
1	Total.....	14.9	14.9	12.5	12.6	12.8	12.1	13.8	14.1	12.7	11.8	...
2	Male.....	14.2	14.6	12.2	12.6	12.9	12.2	13.5	14.4	13.5	12.4	...
3	Female.....	15.6	15.2	12.8	12.6	12.8	11.9	14.2	13.8	12.0	11.2	...
18- to 24-year-olds without a leaving certificate from post-16 education and not in training		Number in 1,000										
4	Total.....	749	756	728	757	785	766	930	944	870	791	...
5	Male.....	756	372	356	377	393	388	456	489	468	422	...
6	Female.....	394	385	372	379	392	378	474	456	402	368	...

3. Supplementary data

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Graduates without university degree and school-leavers from general-education schools		Number										
7	Without a general school-leaving certificate ("Hauptschulabschluss").....	83,761	86,601	88,881	85,314	84,092	82,212	78,152	75,897	70,547	64,918	...
8	Male.....	53,833	56,041	56,779	54,395	53,481	52,565	49,756	47,857	44,248	39,872	...
9	Female.....	29,928	30,560	32,102	30,919	30,611	29,647	28,396	28,040	26,299	25,046	...
10	With a general school-leaving certificate.....	244,326	238,614	236,127	238,746	246,194	246,237	237,712	237,247	228,616	210,311	...
11	With intermediate school-leaving certificate (from "Realschule").....	374,295	372,810	376,545	377,011	384,008	419,790	398,749	398,176	392,637	373,500	...
12	With advanced technical college entrance qualification (for a "Fachschule").....	9,193	10,160	11,286	12,082	11,295	11,683	12,407	14,260	14,068	14,179	...
13	With general higher education entrance qualification.....	225,845	229,705	214,013	223,254	222,298	226,395	231,465	244,018	259,176	266,550	...

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	Graduates without a leaving certificate and school-leavers in % of the same age resident population ^{1) 2)}	in % of the same age resident population										
14	Without a general school-leaving certificate ("Hauptschulabschluss").....	9.1	9.6	9.8	9.2	8.8	8.5	8.1	7.9	7.7	7.5	...
15	Male.....	11.4	12.1	12.2	11.4	10.9	10.5	10.0	9.7	9.4	9.0	...
16	Female.....	6.7	6.9	7.3	6.9	6.6	6.3	6.0	6.0	5.9	6.0	...
17	With a general school-leaving certificate.....	26.6	26.4	26.1	25.8	25.9	25.3	24.5	24.7	24.8	24.4	...
18	With intermediate school-leaving certificate (from "Realschule").....	40.8	41.2	41.6	40.7	40.3	43.2	41.1	41.4	42.6	43.4	...
19	With advanced technical college entrance qualification (for a "Fachschule").....	1.0	1.1	1.2	1.3	1.2	1.3	1.3	1.5	1.4	1.4	...
20	With general higher education entrance qualification.....	24.8	24.6	22.5	23.6	23.6	24.3	24.6	25.5	26.5	27.2	...
21	New apprenticeship contracts concluded 2) (Number).....	635,559	622,967	609,576	568,082	564,493	571,978	559,061	581,181	623,929	607,567	561,000

1) Rows 14 to 18: average of the 15- to under 17-years old residents by the 31.12. of the previous year,

rows 19 to 20: average of the 18- to under 21-years old residents by the 31.12. of the previous year.

2) Cut-off date: 31.12.2008 (Statistisches Bundesamt (Federal Statistical Office), Berufsbildungsstatistik (Statistic on vocational training)). Because of new statistical concepts in 2007 the comparability of results before and after the change is restricted. Preliminary results for the year 2009 (April 2010).

Source: Statistisches Bundesamt (Federal Statistical Office), Fachserie 11, Reihe 1 "Allgemeinbildende Schulen"

Statistisches Bundesamt (Federal Statistical Office), Fachserie 11, Reihe 3 "Berufsbildungsstatistik"

4. Further information

In German: Statistische Ämter des Bundes und der Länder: Internationale Bildungsindikatoren im Ländervergleich

I. Intergeneration equity
Education and training

9b 25-year-old university graduates

1. Definition

Percentage of 25-year-olds (of all 25-year-olds) who have completed a university degree according to International Standard Classification of Education (ISCED).
25-year-olds: according to (ISCED5A), 25- to 34-year-olds: according to (ISCED5A/6), in each instance excluding universities of applied administrative sciences.

2. Data on the time series of the indicator

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
25-year-old university graduates ¹⁾		%									
1	Total	5.5	5.5	6.2	6.0	5.8	5.8	6.9	6.7	7.6	8.8
2	Male	4.1	5.0	4.3	4.3	4.5	4.4	5.5	4.9	5.8	6.7
3	Female.....	7.1	6.1	8.4	7.7	7.2	7.2	8.3	8.5	9.4	10.9
25- to 34-year-old university graduates ²⁾		%									
4	Total	13.0	13.0	14.0	13.0	14.0	15.0	15.0	15.1	16.1	17.4
5	Male	14.0	15.0	14.0	14.0	15.0	15.0	15.0	14.8	15.6	16.6
6	Female.....	12.0	12.0	13.0	13.0	13.0	14.0	15.0	15.5	16.7	18.3
30- to 34-year-old university graduates ³⁾		%									
4	Total	14.8	15.0	15.6	15.5	16.1	17.4	17.7	18.0	19.2	20.3
5	Male	16.7	17.2	17.5	17.2	17.7	19.1	18.8	18.7	19.5	20.4
6	Female.....	12.7	12.7	13.7	13.7	14.3	15.7	16.6	17.3	18.8	20.2

3. Supplementary data

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
OECD-average of the 25- to 34-year-old university graduates ²⁾		%									
7	OECD-average of the 25- to 34-year-old university graduates ²⁾	16	.	18	19	20	24	24	25	26	
University graduates		Number									
8	Total.....	221,696	214,473	208,123	208,606	218,146	230,940	252,482	265,704	286,391	309,364
9	Including:										
9	Engineering.....	42,335	39,270	37,056	36,147	36,702	37,257	39,407	40,914	44,050	48,751
10	Mathematics, natural sciences.....	32,537	30,379	28,768	29,288	30,486	34,159	39,693	43,093	47,915	53,622
11	Legal, economic and social sciences.....	72,038	69,750	68,321	69,810	75,759	81,711	87,338	90,601	97,504	99,642
12	Languages and arts.....	36,752	36,770	35,677	35,930	37,006	38,138	42,738	46,444	50,788	57,878
13	Human medicine.....	18,830	19,104	18,639	18,382	17,740	18,052	20,440	20,337	21,224	22,351
14	Arts.....	9,218	9,462	9,990	9,443	10,291	11,020	11,724	12,961	12,819	13,713

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
University graduates by field of study		%									
15	Engineering.....	19	18	18	17	17	16	16	15	17	16
16	Mathematics, natural sciences.....	15	14	14	14	14	15	16	16	17	17
17	Legal, economic and social sciences.....	32	33	33	33	35	35	35	34	34	32
18	Languages and arts.....	17	17	17	17	17	17	17	17	18	19
19	Human medicine.....	8	9	9	9	8	8	8	8	7	
20	Arts.....	4	4	5	5	5	5	5	5	4	
Share of foreigners ("Bildungsausländer") of the university graduates, in total		%									
21	Foreigners.....	3.4	3.7	4.2	4.7	5.2	6.0	7.0	7.5	8.1	8.3
First year students as to degree programmes		%									
22	Bachelor's degree.....	0.7	1.8	3.2	5.1	7.5	12.4	24.0	39.4	56.9	66.3
23	Master's degree.....	0.3	0.7	1.1	1.3	1.4	1.6	1.9	2.3	2.3	8.9
24	Diploma and master's programmes 4).....	52.6	51.9	48.8	46.6	45.7	42.2	36.8	27.9	16.7	13.6
25	State examination and other 5).....	46.4	45.6	46.9	47.0	45.3	43.7	37.3	30.4	24.1	11.2
Average age of graduates completing their first degree		Year									
26	Total.....	28.3	28.2	28.2	28.1	27.9	27.9	27.8	27.7	27.6	28.2
27	Bachelor.....	—	30.5	27.8	26.1	25.8	26.0	25.8	25.8	25.8	25.8
28	Master.....	—	27.0	28.3	28.5	28.8	28.4	28.1	28.0	28.0	30.0
29	Diploma from university.....	28.3	28.3	28.3	28.2	28.1	28.1	28.1	27.9	27.9	28.1
30	Diploma from advanced technical college ("Fachhochschule").....	28.6	28.4	28.3	28.2	27.9	27.9	27.8	27.8	27.9	27.9

1) Share of 25-year-old university graduates, according to (ISCED 5A), excluding universities of applied administrative sciences.

2) Share of 25- to 34-year-old university graduates, according to (ISCED 5A/6), excluding universities of applied administrative sciences.

2) Share of 30- to 34-year-old university graduates, according to (ISCED 5A/6), excluding universities of applied administrative sciences.

4) Examinations for diploma and appropriate examinations; since academic year 2007 university degree (without teaching examinations) excluding bachelor and master degrees.

5) Examinations for teaching degree, for a doctorate, other degrees, degree of arts, degree from advanced technical college ("Fachhochschule"); since academic year 2007 bachelor's and master's degrees from examinations for arts or and from examinations.

Source: Statistisches Bundesamt (Federal Statistical Office), Hochschulstatistik (University statistics)

4. Further information

In German: Statistisches Bundesamt: Hochschulen auf einen Blick

In German: Statistische Ämter des Bundes und der Länder: Internationale Bildungsindikatoren im Ländervergleich

I. Intergeneration equity
Education and training

9c Share of students starting a degree course

1. Definition

Number of first-semester students (from Germany and abroad, excluding universities of applied administrative sciences) expressed as a percentage of the population of the appropriate university-entrance age. The indicator shows how high the proportion of a demographic age group is that takes up studies at an institution of higher education. The quota is calculated according to the OECD standard in order to allow an international comparison.

2. Data on the time series of the indicator

no.	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
Share of students starting a degree course ²⁾		%																
1	Total.....	24.8	25.1	25.9	26.1	27.1	27.7	28.5	30.2	32.5	35.1	35.7	37.5	36.1	35.3	34.4	36.2	39.8
2	Male.....	26.7	26.4	27.0	26.2	27.0	27.6	28.5	30.0	32.3	35.1	34.7	38.2	36.4	35.6	34.2	35.7	39.2
3	Female.....	22.8	23.7	24.7	26.1	27.1	27.7	28.5	30.5	32.7	35.3	36.8	37.0	35.9	35.1	34.6	36.8	40.3
4	OECD mean.....	.	.	.	.	.	40.0	44.6	44.9	46.8	50.6	52.5	53.0	54.4	56.0	56.0	...	...

3. Supplementary data

No.	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
Students starting a degree course as to national classification ³⁾		Number																
5	Total.....	279,631	267,946	262,407	267,261	267,445	272,473	291,447	314,956	344,830	358,946	377,504	358,870	356,076	344,967	361,459	396,800	423,398
6	Male.....	155,395	147,140	137,063	139,156	137,387	140,276	147,634	159,954	174,523	177,152	195,656	183,746	182,177	174,500	181,401	199,781	212,625
7	Male (%).....	55.6	54.9	52.2	52.1	51.4	51.5	50.7	50.8	50.6	49.4	51.8	51.2	51.2	50.6	50.2	50.3	50.2
8	Female.....	124,236	120,806	125,344	128,105	130,058	132,197	143,813	155,002	170,307	181,794	181,848	175,124	173,899	170,467	180,058	197,019	210,773
9	Female (%).....	44.4	45.1	47.8	47.9	48.6	48.5	49.3	49.2	49.4	50.6	48.2	48.8	48.8	49.4	49.8	49.7	49.8
Share of students starting a degree course as to national classification ³⁾		%																
10	Total.....	25.5	25.9	26.8	28.1	28.5	29.2	31.3	33.5	36.1	37.1	38.9	37.1	37.0	35.7	37.1	40.3	43.3
11	Male	26.6	26.9	26.6	28.1	28.4	29.3	30.9	33.4	35.9	35.9	39.5	37.2	37.1	35.5	36.6	39.9	42.5
12	Female.....	24.3	24.9	27.0	28.1	28.7	29.2	31.7	33.6	36.3	38.3	38.3	37.1	36.9	35.9	37.6	40.8	44.2
School-leavers with a higher education entrance qualification		Number																
13	Total.....	290,201	291,360	307,772	315,341	323,430	329,824	339,904	347,616	343,463	361,509	369,064	386,905	399,372	415,126	434,513	442,091	...
14	Of which advanced technical college entrance qualification.....	75,668	75,047	72,869	73,328	76,568	84,890	85,593	89,932	100,395	108,192	113,830	123,396	128,710	129,662	131,865	131,674	...
15	Of which advanced technical college entrance qualification (%).....	26.1	25.8	23.7	23.3	23.7	25.7	25.2	25.9	29.2	29.9	30.8	31.9	32.2	31.2	30.3	29.8	...
16	Of which general higher education entrance qualification.....	214,533	216,313	234,903	242,013	246,862	244,934	254,311	257,684	243,068	253,317	255,234	263,509	270,662	285,464	302,648	310,417	...
17	Of which general higher education entrance qualification (%).....	73.9	74.2	76.3	76.7	76.3	74.3	74.8	74.1	70.8	70.1	69.2	68.1	67.8	68.8	69.7	70.2	...
18	Male.....	102,840	102,539	109,360	111,412	113,581	112,076	114,974	115,544	109,129	111,934	113,788	116,411	119,610	127,698	134,705	138,706	...
19	Male (%).....	47.9	47.4	46.6	46.0	46.0	45.8	45.2	44.8	44.9	44.2	44.6	44.2	44.2	44.7	44.5	44.7	...
20	Female.....	111,693	113,774	125,543	130,601	133,281	132,858	139,337	142,140	133,939	141,383	141,446	147,098	151,052	157,766	167,943	171,711	...
21	Female (%).....	52.1	52.6	53.4	54.0	54.0	54.2	54.8	55.2	55.1	55.8	55.4	55.8	55.8	55.3	55.5	55.3	...

No.	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
Average age of first-year students ⁴⁾		Year																
22	Total	22.6	22.6	22.5	22.4	22.3	22.3	22.2	22.1	22.2	22.2	22.1	22.1	22.0	21.9	21.9	21.9	...
23	Of which education entrance qualification from Germany.....	.	.	.	.	22.1	22.0	21.9	21.8	21.8	21.9	21.7	21.7	21.6	21.5	21.5	21.6	...
24	Male.....	.	.	.	.	22.5	22.4	22.3	22.2	22.2	22.3	22.0	22.1	21.9	21.9	21.8	21.9	...
25	Female.....	.	.	.	.	21.7	21.6	21.4	21.4	21.5	21.4	21.4	21.3	21.2	21.2	21.1	21.3	...
26	Of which education entrance qualification from abroad.....	.	.	.	.	24.2	24.1	24.1	24.0	23.9	23.9	23.8	23.8	23.8	23.9	23.8	23.8	...

1) Preliminary results.

2) Calculated according to OECD-methodology (ISCED 5A); expressed as a percentage of the population of the appropriate university-entrance age; involved are German and foreign students starting a degree course, referring to the academic year starting in autumn; excluding universities of applied administrative sciences.

3) Calculated according to national classification, expressed as a percentage of the population of the appropriate university-entrance age; involved are German and foreign students starting a degree course, referring to the academic year starting in spring; universities of applied administrative sciences are included.

4) Calculation as to kind of higher education entrance qualification is given not until academic year of 1997.

Source: Statistisches Bundesamt (Federal Statistical Office), Schulstatistik (Statistics on schools of general education), Hochschulstatistik (University statistics)

4. Further information

In German: Statistisches Bundesamt: Hochschulen auf einen Blick

In German: Statistische Ämter des Bundes und der Länder: Internationale Bildungsindikatoren im Ländervergleich

II. Quality of life
Economic prosperity

10 Gross domestic product per capita

1. Definition

Gross domestic product (price-adjusted, reference year 2000) per resident.

2. Data on the time series of the indicator

No.	Specification	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
1	GDP (price-adjusted, reference year = 2000) (Euro bn).....	1,760.6	1,867.4	1,886.0	1,920.0	1,959.0	1,998.4	2,062.5	2,088.1	2,088.1	2,083.5	2,108.7	2,124.6	2,191.8	2,245.9	2,274.1	2,161.9
2	Inhabitants (in 1,000).....	79,984	81,661	81,896	82,052	82,029	82,087	82,188	82,340	82,482	82,520	82,501	82,464	82,366	82,263	82,120	81,874
3	GDP (price-adjusted) per capita (Euro)..... <i>Specification: (3)= (1) / (2)</i>	22,011	22,868	23,029	23,400	23,881	24,344	25,095	25,359	25,316	25,249	25,560	25,764	26,611	27,301	27,693	26,405

3. Supplementary data

No.	Specification	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
1991 = 100																	
4	GDP (price-adjusted).....	100.0	106.1	107.1	109.1	111.3	113.5	117.2	118.6	118.6	118.3	119.8	120.7	124.5	127.6	129.2	122.8
5	Inhabitants.....	100.0	102.1	102.4	102.6	102.6	102.6	102.8	102.9	103.1	103.2	103.1	103.1	103.0	102.8	102.7	102.4
6	GDP (price-adjusted) per capita.....	100.0	103.9	104.6	106.3	108.5	110.6	114.0	115.2	115.0	114.7	116.1	117.0	120.9	124.0	125.8	120.0
2000 = 100																	
Gross value added by industry (price-adjusted, chain volume index)																	
7	Agriculture, hunting and forestry; fishing	97.1	88.1	91.7	94.7	89.1	100.4	100.0	103.8	96.6	91.2	118.0	103.3	100.0	98.5	102.2	102.7
8	Industry	99.4	94.5	92.2	94.4	94.9	95.7	100.0	99.9	98.2	97.8	101.1	101.6	106.2	108.0	108.6	92.8
9	Manufacturing.....	97.7	89.7	87.8	91.7	92.8	93.7	100.0	101.7	99.6	100.3	103.9	106.1	113.2	116.0	116.5	95.7
10	Services	78.0	87.8	90.5	92.0	94.7	96.7	100.0	102.1	103.4	103.5	104.0	105.3	108.1	111.8	113.7	111.8
11	Public and private service provider.....	82.6	91.4	93.8	94.5	96.3	98.0	100.0	100.4	102.3	102.2	102.4	103.1	104.4	106.6	108.6	109.7
Euro bn																	
Gross value added by industry (price-adjusted, reference year = 2000)																	
12	Agriculture, hunting and forestry; fishing	22.8	20.7	21.5	22.2	20.9	23.6	23.5	24.3	22.7	21.4	27.7	24.2	23.4	23.1	24.0	24.1
13	Industry	557.9	530.8	517.9	530.3	532.9	537.2	561.6	561.2	551.3	548.9	567.6	570.6	596.5	606.4	610.1	521.2
14	Manufacturing.....	416.0	382.1	374.1	390.5	395.2	398.9	426.0	433.1	424.3	427.4	442.7	451.8	482.0	494.0	496.4	407.5
15	Services	992.0	1,115.6	1,150.0	1,168.9	1,203.3	1,229.7	1,271.2	1,298.3	1,314.9	1,315.7	1,321.8	1,338.6	1,373.8	1,421.4	1,445.2	1,421.1
16	Public and private service provider.....	349.3	386.6	396.9	399.6	407.5	414.6	423.0	424.5	432.8	432.5	433.2	436.3	441.6	450.8	459.4	464.0

No.	Specification	1991	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
Gross domestic product (price-adjusted, chained) per capita		2000 = 100															
17	Former territory of the Federal Republic including Berlin.....	92.3	91.6	91.9	93.3	95.3	96.9	100.0	100.9	100.4	99.8	100.8	101.6	104.6	107.2	108.6	...
18	New Länder without Berlin.....	57.8	88.8	91.7	93.7	94.8	98.0	100.0	101.8	103.8	105.3	107.9	108.7	113.1	116.8	119.1	...
19	Germany.....	87.7	91.1	91.8	93.3	95.2	97.0	100.0	101.1	100.9	100.6	101.9	102.7	105.9	108.6	110.2	...
Gross domestic product at current prices per capita		Euro															
20	Former territory of the Federal Republic including Berlin.....	21,841	24,302	24,489	24,927	25,598	26,143	26,768	27,319	27,556	27,745	28,300	28,727	29,721	31,011	31,900	...
21	New Länder without Berlin.....	7,330	14,720	15,350	15,735	16,035	16,557	16,878	17,433	18,069	18,478	19,110	19,332	20,208	21,294	22,130	...
22	Germany.....	19,186	22,636	22,909	23,346	23,960	24,511	25,095	25,664	25,984	26,221	26,798	27,202	28,185	29,453	30,343	...

1) Preliminary results for the year 2009, January 2010.

Source: Statistisches Bundesamt (Federal Statistical Office), Volkswirtschaftliche Gesamtrechnungen (National accounts), Inlandsproduktsberechnung - Detaillierte Jahresergebnisse, Fachserie 18 Reihe 1.4 und Reihe 1.1 (Januar 2010).

4. Further information

In German: Statistisches Bundesamt (Federal Statistical Office), Volkswirtschaftliche Gesamtrechnungen (National accounts), Inlandsproduktsberechnung - Detaillierte Jahresergebnisse, Fachserie 18 Reihe 1.4

In German: Statistische Ämter der Länder, Volkswirtschaftliche Gesamtrechnungen der Länder (AK VGRdL):

Reihe 1: Länderergebnisse; Band 1: Bruttoinlandsprodukt und Bruttowertschöpfung in den Ländern und Ost-West-Großraumregionen Deutschlands 1991 bis 2006, Stand: August 2008/ Februar 2009.

http://www.vgrdl.de/Arbeitskreis_VGR/

II. Quality of life
Mobility

11a Intensity of goods transport

1. Definition

Intensity of goods transport = domestic goods transport performance (in tonne kilometres) / gross domestic product (price-adjusted).

The term transport covers any conveyance of items and all supplementary domestic services (including air transport). In addition to the freight transport performance, energy efficiency is considered (absolute energy consumption and energy consumption per tonne kilometre).

2. Data on the time series of the indicator

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1999 = 100											
1	Good transport performance 1).....	100.0	102.9	103.7	103.8	108.9	114.9	116.7	126.2	133.4	134.7
2	Gross domestic product (GDP, price-adjusted).....	100.0	103.2	104.5	104.5	104.3	105.5	106.3	109.7	112.4	113.8
3	Intensity of goods transport 1)..... <i>Specification: (3)=(1) / (2)</i>	100.0	99.7	99.2	99.3	104.5	108.9	109.8	115.1	118.7	118.4
4	Energy consumption 2).....	100.0	99.9	100.6	100.4	101.6	103.3	101.1	106.7	110.8	111.0
5	Energy consumption per tonne kilometre 2).....	100.0	97.0	97.1	96.7	93.1	89.8	86.5	84.1	82.6	81.9

3. Supplementary data

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
bn t-km											
6	Good transport performance 1).....	496.9	511.3	515.3	515.8	541.4	571.1	580.0	627.1	662.9	669.4
MJ											
7	Energy consumption 2).....	626.1	625.3	629.9	628.7	635.9	647.1	632.8	668.0	693.9	695.2
MJ/t-km											
8	Energy consumption per tonne kilometre 2).....	1.30	1.26	1.26	1.26	1.21	1.17	1.13	1.09	1.07	1.07
9	Energy consumption per tonne kilometre - road traffic.....	1.63	1.61	1.60	1.60	1.52	1.49	1.46	1.46	1.44	1.31
10	Energy consumption per tonne kilometre - rail transport.....	0.58	0.52	0.53	0.49	0.47	0.45	0.46	0.44	0.42	0.40
11	Energy consumption per tonne kilometre - inland water transport.....	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.48	0.47	0.47
12	Energy consumption per tonne kilometre - air transport.....	11.71	11.73	11.66	11.39	11.32	10.86	11.09	11.00	x	x
bn t-km											
13	Good transport performance from abroad total.....	-	2,537.7	2,426.6	2,500.6	2,535.5	2,750.3	2,774.0	3,036.0	3,193.1	2,855.1
14	Imports.....	-	1,916.0	1,841.5	1,868.3	1,875.3	2,064.4	2,046.1	2,234.9	2,397.3	2,214.1
15	Exports.....	-	621.6	585.0	632.2	660.2	685.9	728.0	801.1	795.8	641.0

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		mn tonnes									
16	Transported tonnes abroad total.....	-	870.4	857.4	875.5	922.4	976.2	989.5	1,055.7	1,081.6	960.2
17	Imports.....	-	554.5	538.8	543.9	574.7	594.9	599.1	640.3	648.1	598.2
18	Exports.....	-	315.9	318.7	331.6	347.7	381.3	390.4	415.4	433.5	362.0
		1999 = 100									
19	Good transport performance 1).....	100.0	102.9	103.7	103.8	108.9	114.9	116.7	126.2	133.4	134.7
20	Energy consumption 2).....	100.0	99.9	100.6	100.4	101.6	103.3	101.1	106.7	110.8	111.0
21	Energy consumption per tonne kilometre 2).....	100.0	97.0	97.1	96.7	93.1	89.8	86.5	84.1	82.6	81.9
22	Energy consumption per tonne kilometre - road traffic.....	100.0	98.9	98.3	98.4	93.5	91.3	89.7	89.6	88.6	80.6
23	Energy consumption per tonne kilometre - rail transport.....	100.0	90.7	91.3	85.1	81.5	78.5	79.9	76.2	72.5	69.2
24	Energy consumption per tonne kilometre - inland water transport.....	100.0	100.3	100.3	100.3	100.3	100.2	99.2	98.2	97.2	96.4
25	Energy consumption per tonne kilometre - air transport.....	100.0	100.2	99.6	97.3	96.7	92.7	94.7	93.9	x	x

1) Excluding lorries with gross vehicle weight up to 6 tonnes.

2) Excluding air transport, transport via pipelines and by lorries with gross vehicle weight up to 3.5 tonnes.

Source: Bundesministerium für Verkehr, Bau- und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) (editor) : Verkehr in Zahlen (Transport in Figures), 2009/2010
 Umweltbundesamt Federal Environment Agency), TREMOD 5.1
 Statistisches Bundesamt (Federal Statistical Office)

4. Further information

Bundesministerium für Verkehr, Bau- und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) (editor) : Verkehr in Zahlen (Transport in Figures), 2009/2010

II. Quality of life
Mobility

11b Intensity of passenger transport

1. Definition

Intensity of passenger transport = passenger transport performance (in passenger kilometres) / gross domestic product (price-adjusted).

The term transport covers any conveyance of persons and all supplementary domestic services (including air transport). In addition to the passenger transport performance, energy efficiency is considered (absolute energy consumption and energy consumption per passenger kilometre).

2. Data on the time series of the indicator

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1999 = 100											
1	Passenger transport performance 1).....	100.0	98.9	101.0	101.1	100.9	103.3	102.9	104.0	104.4	103.4
2	Gross domestic product (GDP, price-adjusted).....	100.0	103.2	104.5	104.5	104.3	105.5	106.3	109.7	112.4	113.8
3	Intensity of passenger transport..... <i>Specification: (3)= (1) / (2)</i>	100.0	95.8	96.6	96.8	96.8	97.9	96.8	94.8	92.9	90.9
4	Energy consumption.....	100.0	99.6	100.0	99.4	98.0	98.8	97.1	96.4	95.5	92.6
5	Energy consumption per passenger kilometre.....	100.0	100.7	99.1	98.3	97.1	95.7	94.4	92.7	91.5	89.5

3. Supplementary data

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
bn pass-km											
6	Passenger transport performance 1).....	1,056.5	1,045.1	1,066.7	1,068.1	1,066.1	1,091.2	1,087.6	1,099.0	1,102.6	1,092.6
7	Individual motorised traffic.....	866.7	849.6	872.0	880.3	875.6	887.1	875.7	882.6	883.4	869.6
8	Rail transport.....	73.8	75.4	75.8	70.8	71.3	72.9	76.8	79.0	79.1	82.5
9	Public road transport 2).....	76.2	77.3	77.0	75.7	75.8	82.7	82.5	81.8	81.3	79.7
10	Air transport (territorial concept).....	8.9	9.5	9.0	8.7	9.1	9.3	9.5	9.9	10.6	11.0
11	Individual motorised traffic..... For purposes:	866.7	849.6	872.0	880.3	875.6	887.1	875.7	882.6	883.4	869.6
12	Commuting.....	-	-	-	170.5	166.7	171.7	167.5	168.7	172.0	...
13	Education.....	-	-	-	17.2	17.3	17.7	17.5	17.4	17.2	...
14	Business.....	-	-	-	116.3	113.6	114.6	114.8	116.8	119.8	...
15	Shopping.....	-	-	-	163.1	162.7	166.2	164.2	163.7	160.6	...
16	Recreation.....	-	-	-	306.9	308.9	313.2	311.3	314.7	311.0	...
17	Conveyance of others.....	-	-	-	55.4	54.9	55.7	54.7	54.8	53.3	...
18	Holiday.....	-	-	-	50.9	51.5	48.1	45.6	46.6	49.6	...

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		1999 = 100									
19	Passenger transport performance 1).....	100.0	98.9	101.0	101.1	100.9	103.3	102.9	104.0	104.4	103.4
20	Individual motorised traffic.....	100.0	98.0	100.6	101.6	101.0	102.4	101.0	101.8	101.9	100.3
21	Rail transport.....	100.0	102.2	102.7	95.9	96.6	98.8	104.1	107.0	107.2	111.8
22	Public road transport 2).....	100.0	101.4	101.0	99.3	99.5	108.5	108.3	107.3	106.7	104.6
23	Air transport (territorial concept).....	100.0	106.7	101.1	97.8	102.2	104.5	106.7	111.2	119.3	123.6

1) Passenger transport performance on the territory of the Federal Republic of Germany (including air traffic).

2) Until 2003: only enterprises with six autobuses or more.

Source: Bundesministerium für Verkehr, Bau- und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) (editor) : Verkehr in Zahlen (Transport in Figures), 2009/2010
 Umweltbundesamt Federal Environment Agency), TREMOD 5.1
 Statistisches Bundesamt (Federal Statistical Office)

4. Further information

Bundesministerium für Verkehr, Bau- und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) (editor) : Verkehr in Zahlen (Transport in Figures), 2009/2010

II. Quality of life
Mobility

11c, d Share of rail transport and inland water transport

1. Definition

Share of rail transport (11c) as well as share of inland water transport (11d) in the total domestic goods transport performance without local transport of German lorries up to 50 km.

2. Data for the time series of the indicator

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		%									
1	Share of rail transport in goods transport performance.....	16.5	17.2	16.6	16.6	16.5	16.9	17.2	17.8	18.1	18.1
2	Share of inland water transport in goods transport performance.....	13.5	13.8	13.3	13.1	11.3	11.7	11.6	10.7	10.2	10.0

3. Supplementary data

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		bn t-km									
3	Goods transport performance without local transport (territorial concept) 1).....	465.1	481.5	486.8	489.8	515.6	545.2	554.4	599.9	635.0	640.3
4	Goods transport performance of rail transport (territorial concept)	76.8	82.7	81.0	81.1	85.1	91.9	95.4	107.0	114.6	115.7
5	Goods transport performance of inland water transport (territorial concept)	62.7	66.5	64.8	64.2	58.2	63.7	64.1	64.0	64.7	64.1
		1999 = 100									
6	Goods transport performance without local transport (territorial concept) 1).....	100.0	103.5	104.7	105.3	110.9	117.2	119.2	129.0	136.5	137.7
7	Goods transport performance of rail transport (territorial concept)	100.0	107.7	105.5	105.6	110.8	119.7	124.2	139.3	149.2	150.6
8	Goods transport performance of inland water transport (territorial concept)	100.0	106.1	103.3	102.4	92.8	101.6	102.2	102.0	103.2	102.2

1) Excluding local transport of German lorries (up to 50 km).

Source: Bundesministerium für Verkehr, Bau- und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) (editor) : Verkehr in Zahlen (Transport in Figures), 2009/2010

4. Further information

Bundesministerium für Verkehr, Bau- und Stadtentwicklung (Federal Ministry of Transport, Building and Urban Development) (editor) : Verkehr in Zahlen (Transport in Figures), 2009/2010

II. Quality of life
Farming

12a Nitrogen surplus

1. Definition

Nitrogen surplus in kilogram per hectare of land used agriculture, calculated from nitrogen input (from fertilisers, atmospheric deposition, biological nitrogen fixation, seed and plant material, feedstuff from domestic production and from imports) minus nitrogen output (through crop and animal market products leaving the agricultural sector). The overall balance is calculated on the basis of the "farm-gate model"; nitrogen flows in the domestic cycle – with the exception of domestic feed production – are not shown.

The moving three-year average is calculated from the total balance of the given year, the previous year and the following year.

2. Data on the time series of the indicator

No.	Specification	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	Nitrogen surpluses in Germany in kg per ha agricultural land	kg/ha																		
1	Moving three-year average 1).....	-	132	122	115	115	115	114	110	111	115	115	112	110	107	105	104	105	105	...
2	Year 2).....	147	131	120	116	110	118	116	107	108	117	121	106	110	114	97	104	111	101	103

3. Supplementary data ²⁾

No.	Specification	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	Balance of nitrogen input and output for agricultural land	kg/ha																		
3	Fertiliser.....	122.83	112.98	103.74	101.78	97.08	107.07	105.70	104.92	106.42	114.70	122.00	112.59	110.35	109.77	112.32	109.29	110.17	98.34	111.38
4	Mineral fertiliser.....	120.17	110.00	100.65	98.65	93.15	103.05	102.06	101.46	102.94	110.95	118.02	108.41	105.55	105.12	107.39	104.40	105.30	94.36	106.77
5	Farmyard manure.....	2.66	2.98	3.09	3.13	3.93	4.02	3.64	3.46	3.48	3.75	3.98	4.18	4.80	4.65	4.93	4.89	4.87	3.98	4.61
6	Atmospheric deposition (NOx).....	10.40	10.40	10.40	10.40	10.40	10.40	9.85	9.30	9.00	8.60	9.00	9.40	9.30	7.70	9.30	9.00	9.00	9.00	9.00
7	Biological N-fixation.....	15.04	13.78	13.07	13.08	13.07	13.11	13.22	13.49	13.76	13.34	12.80	13.00	12.77	12.65	12.45	12.55	12.53	12.15	11.69
8	Seeds.....	1.46	1.48	1.49	1.39	1.30	1.31	1.36	1.38	1.46	1.45	1.53	1.45	1.48	1.45	1.50	1.47	1.34	1.31	1.36
9	Animal feed (territorial concept).....	35.75	37.61	33.76	31.85	34.69	34.56	35.95	35.06	37.59	39.41	37.57	37.22	38.25	36.12	34.86	40.05	42.19	40.70	36.74
10	Feedingstuff from plants.....	9.09	9.56	11.05	10.10	10.57	9.73	10.38	8.91	10.22	10.61	11.52	11.03	10.68	11.23	10.87	12.61	12.88	14.16	15.10
11	Feeding stuff from animals.....	3.91	4.11	3.62	3.84	3.76	3.50	3.46	3.66	3.72	3.83	3.80	2.07	0.91	0.89	0.87	0.82	0.82	0.78	0.82
12	Primary feeding stuff as market products.....	22.75	23.94	19.09	17.91	20.36	21.33	22.11	22.49	23.65	24.97	22.25	24.12	26.66	24.00	23.12	26.62	28.49	25.76	20.82
13	Animal feed (imports).....	26.74	28.14	26.27	26.53	22.28	25.23	24.23	22.40	20.94	23.16	22.26	21.91	21.05	23.08	21.31	20.09	21.38	22.73	27.14
14	Input.....	212.22	204.39	188.73	185.03	178.82	191.68	190.31	186.55	189.17	200.66	205.16	195.57	193.20	190.77	191.74	192.45	196.61	184.23	197.31
15	Through crop.....	49.12	53.32	48.97	50.13	50.34	54.54	55.50	60.55	61.28	63.47	63.86	69.37	62.19	56.44	74.00	67.36	64.71	61.94	71.80
16	Animal market products.....	16.21	20.54	19.91	19.16	18.78	18.96	19.16	19.29	19.51	20.17	20.22	20.38	20.56	20.73	20.99	21.02	21.13	21.73	22.90
17	Meat.....	8.48	10.49	10.14	9.54	9.30	9.28	9.41	9.55	9.89	10.43	10.41	10.62	10.88	10.92	11.29	11.28	11.50	11.98	13.05
18	Other animal products.....	7.73	10.05	9.77	9.62	9.48	9.68	9.75	9.74	9.62	9.74	9.81	9.76	9.68	9.81	9.70	9.74	9.63	9.75	9.85
19	Output.....	65.33	73.86	68.88	69.29	69.12	73.50	74.66	79.84	80.79	83.64	84.08	89.75	82.75	77.17	94.99	88.38	85.84	83.67	94.70
20	Balance.....	147	131	120	116	110	118	116	107	108	117	121	106	110	114	97	104	111	101	103

1) The moving three-year average was calculated from the total balance in the given year, the previous year and the following year.

2) Data for 1990 partly uncertain, for 2008 partly preliminary.

Source: Institut für Pflanzenbau und Bodenkunde, Julius Kühn-Institut (JKI) and Institut für Landschaftsökologie und Ressourcenmanagement, University of Gießen

4. Further information

In German: Bundesministerium für Ernährung, Landwirtschaft und Verbraucherschutz (BMELV) (Federal Ministry of Food, Agriculture and Consumer Protection): Statistische Monatsberichte (Ausgabe 04/2010, Tabellen zu Nährstoffbilanzen)

<http://www.bmelv-statistik.de> (Stichwort Düngemittel auf Flächen-, Stall- und Nährstoffbilanz);

For fertilizers:

<http://www.bmelv-statistik.de/index.php?id=139&stw=D%C3%BCngemittel>

II. Quality of life
Farming

12b Organic farming

1. Definition

Farmland of organic farms subject to the control procedure of the EC Regulation on Organic Farming (EC Regulation No. 834/2007 and Code of Practice), as a proportion of all the farmland in Germany. It includes both the areas completely devoted to organic farming as well as those still under conversion.

2. Data on the time series of the indicator

No.	Specification	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		%														
1	Land used for organic farming as proportion of total farming land.....	1.6	1.8	2.1	2.3	2.4	2.6	3.2	3.7	4.1	4.3	4.5	4.7	4.9	5.1	5.4

3. Supplementary data

No.	Specification	1994	1995 ¹⁾	1996	1997 ^{1) 2)}	1998	1999 ³⁾	2000	2001 ²⁾	2002	2003	2004	2005 ²⁾	2006	2007	2008
	Land used for organic farming ⁴⁾	ha														
2	Total.....	-	-	354,171	389,693	416,518	452,327	546,023	634,998	696,978	734,027	767,891	807,406	825,539	865,336	907,786
	Main types of landuse in the organically producing farms ⁵⁾	ha														
3	Arable land	-	-	-	-	-	252,834	-	293,466	-	348,795	-	377,596	-	411,551	-
4	Permanent crops	-	-	-	-	-	6,962	-	7,593	-	8,189	-	8,970	-	10,770	-
5	Permanent grassland	-	-	-	-	-	229,100	-	305,245	-	373,960	-	395,704	-	438,672	-
	Main types of landuse in the organically producing farms in % of the land used for organic farming	%														
6	Arable land	-	-	-	-	-	51.7	-	48.4	-	47.7	-	48.3	-	47.8	-
7	Permanent crops	-	-	-	-	-	1.4	-	1.3	-	1.1	-	1.1	-	1.3	-
8	Permanent grassland	-	-	-	-	-	46.8	-	50.3	-	51.2	-	50.6	-	50.9	-
	Utilised agricultural area	1,000 ha														
9	Total 6)	-	17,246.0	-	17,181.6	-	17,151.6	-	16,977.6	-	17,008.0	-	17,035.2	-	16,954.3	-
	Main types of landuse in the whole utilised agricultural area	1,000 ha														
10	Arable land	-	11,814.9	-	11,808.8	-	11,821.5	-	11,779.6	-	11,826.9	-	11,903.3	-	11,877.0	-
11	Permanent crops	-	204.0	-	203.2	-	207.7	-	206.6	-	205.7	-	197.8	-	197.9	-
12	Permanent grassland	-	5,213.1	-	5,158.3	-	5,113.8	-	4,983.7	-	4,968.3	-	4,929.0	-	4,874.7	-
	Main types of landuse in the whole utilised agricultural area in % of the utilised agricultural area	%														
13	Arable land	-	68.6	-	68.8	-	69.0	-	69.4	-	69.6	-	69.9	-	70.1	-
14	Permanent crops	-	1.2	-	1.2	-	1.2	-	1.2	-	1.2	-	1.2	-	1.2	-
15	Permanent grassland	-	30.3	-	30.0	-	29.8	-	29.4	-	29.2	-	28.9	-	28.8	-

No.	Specification	1994	1995 ¹⁾	1996	1997 ^{1) 2)}	1998	1999 ³⁾	2000	2001 ²⁾	2002	2003	2004	2005 ²⁾	2006	2007	2008
	Average size of farms								ha							
16	Organic farms	-	-	-	-	-	51.1	-	52.2	-	52.7	-	57.7	-	59.5	-
17	Former territory of the Federal Republic of Germany	-	-	-	-	-	31.9	-	33.5	-	34.1	-	37.4	-	39.5	-
18	New Länder	-	-	-	-	-	190.9	-	185.9	-	185.8	-	182.3	-	179.2	-
19	Farms in total	-	31.0	-	32.8	-	36.3	-	38.1	-	40.4	-	42.9	-	45.3	-
20	Former territory of the Federal Republic of Germany	-	22.3	-	23.6	-	26.1	-	27.5	-	29.3	-	31.2	-	33.1	-
21	New Länder 7)	-	182.5	-	178.1	-	184.4	-	182.4	-	184.6	-	188.2	-	185.0	-

1) Agricultural reporting.

2) For the total of agriculturally used area: representative.

3) Census of agriculture.

4) Source: Federal Ministry of Food, Agriculture and Consumer Protection based on figures under Council Regulation (EEC) No 834/2007.

5) Source: Federal Statistical Office, Agricultural Structural Survey 2007, holdings with organic farming (FS 3, R 2.2.1); for methodological reasons data on the total area of organic farming slightly differ from the data of the indicator.

6) The difference of the total to arable land, permanent crops and permanent grassland is caused in the position of gardens.

7) By 1999 including Berlin-Ost; from 2001 excluding Berlin.

4. Further information

Organic farming in the EU countries: <http://epp.eurostat.ec.europa.eu>

http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/data/main_tables

II. Quality of life
Air quality

13 Air pollution

1. Definition

The following substances or substance classes are considered to be air pollutants for the purpose of this indicator: sulphur dioxide (SO₂), nitrogen oxides (NO_x), ammonia (NH₃), non-methane volatile organic compounds (NMVOC). Unweighted average of the indices of the four air pollutants.

2. Data on the time series of the indicator

No.	Specification	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1990 = 100																				
1	Total air pollutants 1).....	100	85.5	78.3	74.2	67.0	62.6	60.2	57.8	56.2	54.3	51.7	50.8	48.8	47.5	47.1	46.0	45.8	45.1	44.7
2	Sulphur dioxide (SO ₂)	100	73.8	60.2	53.7	44.9	32.3	27.2	22.7	18.2	14.9	12.0	11.9	11.0	10.7	10.5	9.9	10.0	9.5	9.4
3	Nitrogen oxides (NO _x).....	100	92.2	86.7	82.9	77.8	74.7	71.8	69.0	67.3	66.3	64.2	61.3	58.0	55.8	54.3	52.2	52.4	50.1	48.0
4	Ammonia (NH ₃).....	100	90.5	88.3	88.6	86.6	88.1	88.7	87.7	88.5	89.2	88.5	90.2	88.5	87.8	87.6	86.5	86.1	86.6	87.4
5	Non-methane volatile organic compounds (NMVOC).....	100	85.3	78.0	71.5	58.7	55.6	53.1	52.0	50.9	46.7	42.3	39.7	37.7	35.8	36.1	35.5	34.7	34.1	33.9
Specification: (1)= unweighted average from (2+3+4+5)																				

3. Supplementary data

No.	Specification	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1,000 tonnes																				
4	Sulphur dioxide (SO ₂)	5,310.9	3,920.8	3,196.8	2,852.5	2,385.8	1,712.9	1,446.8	1,203.0	964.1	791.2	636.7	632.5	584.6	569.9	555.3	524.3	531.7	506.3	497.8
5	Nitrogen oxides (NO _x).....	2,877.3	2,654.0	2,494.4	2,384.8	2,239.0	2,148.7	2,067.0	1,984.3	1,937.7	1,908.1	1,846.4	1,762.9	1,668.5	1,604.6	1,563.2	1,503.4	1,508.8	1,442.3	1,380.4
6	Ammonia (NH ₃).....	671.2	607.3	592.4	594.7	581.2	591.3	595.7	588.4	593.7	598.6	593.9	605.5	593.8	589.1	587.7	580.8	577.9	581.0	586.9
7	Non-methane volatile organic compounds (NMVOC).....	3,735.8	3,186.1	2,912.8	2,671.3	2,192.9	2,075.9	1,984.0	1,943.0	1,901.6	1,745.7	1,580.3	1,484.3	1,408.9	1,339.2	1,349.1	1,327.9	1,294.9	1,273.3	1,266.5

1) Averaged index of measurement data.

Source: Umweltbundesamt (Federal Environment Agency) February 2010

4. Further information

In German: Statistisches Bundesamt: Umweltnutzung und Wirtschaft - Bericht zu den Umweltökonomischen Gesamtrechnungen (www.destatis.de unter Themen\Umwelt\Umweltökonomische Gesamtrechnungen\Publikationen)
www.umweltbundesamt.de

II. Quality of life
Health and nutrition

14a, b Premature mortality

1. Definition

Cases of death in the male (14a) and female (14b) under-65 population in relation to 100,000 residents of the standardised population (from 1987) under 65 years, including those younger than one year. The calculation takes into account that through demographic development in Germany there are increasingly greater numbers of people older than 65 and provides a comparable time series over the years.

2. Data on the time series of the indicator

no.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		Fatalities per 100,000 of population below the age 65 ¹⁾																	
1	Total.....	295	286	283	275	267	260	249	239	233	228	222	219	216	206	203	197	194	192
2	Men.....	381	369	363	354	343	333	319	304	296	290	281	277	274	260	255	247	242	238
3	Women.....	200	192	191	185	181	177	170	164	161	158	154	153	150	145	144	141	139	139

3. Supplementary data

No.	Specification	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Selected causes of death		%																	
4	Diseases of the circulatory system.....	50.0	49.4	49.1	48.7	48.5	48.2	48.3	48.3	48.0	47.1	47.3	46.8	46.4	45.0	44.2	43.7	43.4	42.2
5	Neoplasms.....	23.1	24.0	23.8	24.0	24.1	24.1	24.4	25.0	24.9	25.1	25.1	25.0	24.5	25.6	25.5	25.7	25.6	25.6
6	Diseases of the respiratory system.....	5.9	5.7	5.9	6.0	6.1	6.1	5.9	5.8	6.1	6.2	5.9	6.4	6.8	6.4	7.0	6.7	7.0	7.0
7	Diseases of the digestive system.....	4.7	4.7	4.7	4.8	4.7	4.8	4.7	4.8	4.7	4.9	4.9	5.0	4.9	5.2	5.2	5.2	5.1	5.2
8	Fatalities of external causes.....	5.1	5.1	4.8	4.6	4.5	4.4	4.3	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.7	3.7
Health expenditure		Euro mn																	
9	Total	- 157,874	162,385	174,305	186,322	194,711	195,715	201,078	206,581	212,147	220,079	227,991	233,604	233,828	239,736	245,264	253,349	263,216	
10	Including: medical services	- 44,824	46,470	49,463	51,405	53,100	54,178	55,015	55,745	57,058	58,860	60,363	62,173	63,837	64,066	66,214	68,617	71,538	
11	Including: health prevention and public health services	- 6,073	6,546	6,852	7,454	7,470	6,856	6,817	7,204	7,507	7,872	8,244	8,716	8,820	8,943	9,266	10,111	10,663	
12	Of which: early diagnosis screening programmes	- 3,134	3,475	3,682	4,008	4,040	3,496	3,568	3,700	3,874	4,024	4,204	4,477	4,507	4,666	4,912	5,821	6,073	
13	Including: medical services (%)	- 28	29	28	28	27	28	27	27	27	27	27	26	27	27	27	27	27	27
14	Including: health care goods 2)	- 44,345	42,241	45,462	47,957	50,706	51,168	52,266	53,751	55,911	59,092	61,346	63,258	61,686	65,270	66,891	70,187	73,005	
15	Of which: pharmaceuticals	- 25,411	23,845	25,071	26,330	27,710	28,122	29,814	30,475	31,520	34,020	35,695	36,619	35,475	39,315	39,641	41,679	43,233	
16	Of which: therapeutic appliances	- 7,697	7,825	8,391	9,064	9,886	9,508	9,849	10,435	10,811	11,015	11,330	12,092	10,953	11,407	11,771	12,319	12,771	
17	Including: health care goods (%)	- 28	26	26	26	26	26	26	26	26	27	27	27	26	27	27	27	28	28
18	Per inhabitant (Euro)	- 1,960	2,000	2,140	2,280	2,380	2,390	2,450	2,520	2,580	2,670	2,760	2,830	2,830	2,910	2,980	3,080	3,210	
19	Share in the gross domestic product (%)	- 9.6	9.6	9.8	10.1	10.4	10.2	10.2	10.3	10.3	10.4	10.6	10.8	10.6	10.7	10.5	10.4	10.5	

No.	Specification	1990- 1992	1991- 1993	1992- 1994	1993- 1995	1994- 1996	1995- 1997	1996- 1998	1997- 1999	1998- 2000	1999- 2001	2000- 2002	2001- 2003	2002- 2004	2003- 2005	2004- 2006	2005- 2007	2006- 2008	2007- 2009
	Average life expectancy for newborns ³⁾	years																	
20	Male	72.9	72.5	72.8	73.0	73.3	73.6	74.0	74.4	74.8	75.1	75.4	75.6	75.9	76.2	76.6	76.9	77.2	...
21	Female	79.3	79.0	79.3	79.5	79.7	80.0	80.3	80.6	80.8	81.1	81.2	81.3	81.6	81.8	82.1	82.3	82.4	...

1) Standardised according to German population of 1987; including those under 1 year of age.

2) Pharmaceuticals including bandage materials, therapeutic appliances, dentures and other medical products.

3) Life table 1990-92 for the former territory of the Federal Republic; from 1991-93 life table for Germany.

Source: Statistisches Bundesamt (Federal Statistical Office), Todesursachenstatistik (Causes of death statistics)
 Statistisches Bundesamt (Federal Statistical Office), Gesundheitsausgabenrechnung (Health expenditure calculation)
 Statistisches Bundesamt (Federal Statistical Office), Natürliche Bevölkerungsbewegung (Vital statistics)

4. Further information

In German: Gesundheitsberichterstattung (GBE) (www.gbe-bund.de)

II. Quality of life
Health and nutrition

14c, d Proportion of adolescents and adults who smoke

1. Definition

Proportion of polled 12- to 17-year-olds (proportion of adolescents who smoke, 14c) and the proportion of polled 15-year-olds and older (proportion of adults who smoke, 14d), who answered the questions in the microcensus on smoking behavior and occasionally or regularly smoke.

2. Data on the time series of the indicator

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Proportion of persons who smoke		%														
1	Total (15 years and older) 1).....	28	-	-	-	28	-	-	-	27	-	27	-	-	-	26
2	Men (15 years and older) 1).....	36	-	-	-	35	-	-	-	33	-	32	-	-	-	31
3	Women (15 years and older) 1).....	21	-	-	-	22	-	-	-	22	-	22	-	-	-	21
4	Adolescents (12 to 17 years) 2).....	-	-	28	-	-	-	28	-	23	23	20	-	18	15	-

3. Supplementary data

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Proportion of persons who smoke of those polled		%														
5	Total (15 years and older) 1).....	28.3	-	-	-	28.3	-	-	-	27.4	-	27.2	-	-	-	25.7
6	Of which: regularly.....	24.3	-	-	-	24.7	-	-	-	24.3	-	23.2	-	-	-	21.9
7	Occasionally.....	4.0	-	-	-	3.6	-	-	-	3.2	-	4.0	-	-	-	3.8
8	Men (15 years and older) 1).....	35.6	-	-	-	34.7	-	-	-	33.2	-	32.2	-	-	-	30.5
9	Of which: regularly.....	31.3	-	-	-	30.9	-	-	-	29.8	-	27.9	-	-	-	26.4
10	Occasionally.....	4.3	-	-	-	3.8	-	-	-	3.4	-	4.3	-	-	-	4.1
11	Women (15 years and older) 1).....	21.5	-	-	-	22.2	-	-	-	22.1	-	22.4	-	-	-	21.2
12	Of which: regularly.....	17.8	-	-	-	18.9	-	-	-	19.1	-	18.8	-	-	-	17.6
13	Occasionally.....	3.7	-	-	-	3.3	-	-	-	3.0	-	3.7	-	-	-	3.5
14	Adolescents (12 to 17 years) 2).....	-	-	28	-	-	-	28	-	23	23	20	-	18	15	-
15	Of which: male.....	-	-	27	-	-	-	27	-	22	24	21	-	18	15	-
16	Female.....	-	-	29	-	-	-	28	-	23	23	19	-	17	16	-
Fatalities by cancer which can be provoked from smoking ³⁾		Number														
17	Total	38,935	38,475	38,908	39,566	39,177	40,553	40,053	40,715	40,865	41,342	42,217	42,348	43,005	43,830	...
18	Men.....	30,454	29,853	29,930	30,083	29,552	30,526	29,884	30,124	30,032	30,147	30,347	30,249	30,406	30,780	...
19	Women.....	8,481	8,622	8,978	9,483	9,625	10,027	10,169	10,591	10,833	11,195	11,870	12,099	12,599	13,050	...

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	Fatalities by cancer which can be provoked from smoking	%														
20	Total	4.4	4.4	4.5	4.6	4.6	4.8	4.8	4.8	4.8	5.1	5.1	5.2	5.2	5.2	...
21	Men.....	7.4	7.3	7.5	7.6	7.6	7.8	7.8	7.7	7.6	7.9	7.8	7.8	7.8	7.7	...
22	Women.....	1.8	1.8	1.9	2.1	2.1	2.2	2.3	2.3	2.4	2.6	2.7	2.8	2.9	2.9	...
	Average age of deceased	Years														
23	Of all deceased.....	74.6	74.8	74.9	75.2	75.3	75.5	75.6	75.9	76.0	76.0	76.4	76.5	76.7	76.9	...
24	Of deceased by cancer which can be provoked from smoking 3).....	68.2	68.1	68.2	68.4	68.6	68.5	68.9	68.9	69.0	69.1	69.4	69.5	69.8	69.9	...

1) With refer to residents who answered the questions concerning the smoking behavior. Polls from 1992, 1995, 1999, 2003, 2005 and 2009 are available.

2) Polls from 1993, 1997, 2001, 2003 - 2005, 2007 and 2008 are available.

3) Lung, laryngeal and tracheal cancer.

Source: Statistisches Bundesamt (Federal Statistical Office), Mikrozensus (Microcensus), Questions on health problems.
 Bundeszentrale für gesundheitliche Aufklärung (Federal Centre for Health Education) (BZgA) – „Die Drogenaffinität Jugendlicher in Deutschland“ (1993 – 2001, 2004, 2008 (zuletzt veröffentlicht Mai 2009)) (Daten für Jugendliche, 12-17 Jahre)
 Bundeszentrale für gesundheitliche Aufklärung (Federal Centre for Health Education) (BZgA) – „Rauchfrei, Förderung des Nichtrauchens bei Jugendlichen“ (2003, 2005, 2007) (Daten für Jugendliche, 12-17 Jahre)
 Statistisches Bundesamt (Federal Statistical Office), Todesursachenstatistik (Causes of death statistics)

4. Further information

In German: Gesundheitsberichterstattung (GBE) (www.gbe-bund.de)

II. Quality of life
Health and nutrition

14e Proportion of obese people

1. Definition

Proportion of obese adults (18 years and older), who have answered the questions on body weight and height and have a BMI (body mass index) of 30 and above, in the population of the same age. The BMI is calculated from the ratio between body weight in kilograms and height in metres squared. People with a BMI of 30+ are classified as obese according to the classification of the World Health Organisation (WHO). Age and gender are not taken into consideration.

2. Data on the time series of the indicator

No.	Specification	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
		%										
1	Total of obese people 1)	11.5	-	-	-	12.9	-	13.6	-	-	-	14.7
2	Obese men.....	12.1	-	-	-	13.6	-	14.4	-	-	-	15.7
3	Obese women.....	11.0	-	-	-	12.3	-	12.8	-	-	-	13.8

3. Supplementary data

No.	Specification	2009											
		Total				Men				Women			
		Of which with a body mass index from ... to under ...				Of which with a body mass index from ... to under ...				Of which with a body mass index from ... to under ...			
		under 18,5	18,5 - 25	25 - 30	30 and over	under 18,5	18,5 - 25	25 - 30	30 and over	under 18,5	18,5 - 25	25 - 30	30 and over
	Proportion of people by body mass index and age groups ¹⁾	% ¹⁾											
4	Total.....	2.1	46.5	36.7	14.7	0.7	39.2	44.4	15.7	3.4	53.7	29.1	13.8
	At age from ... to under ... years												
5	18 - 20	8.4	73.9	14.4	3.3	4.8	73.4	17.9	3.8	12.5	74.5	10.3	2.6
6	20 - 25	5.8	70.7	18.6	4.9	2.6	68.8	23.3	5.4	9.4	72.9	13.4	4.3
7	25 - 30	3.7	64.6	24.4	7.3	1.0	59.2	31.9	7.9	6.6	70.5	16.2	6.7
8	30 - 35	2.6	57.3	30.2	9.8	0.6	48.1	39.8	11.5	4.8	67.1	20.0	8.0
9	35 - 40	2.0	52.6	33.7	11.7	0.4	41.6	44.5	13.6	3.7	64.2	22.3	9.7
10	40 - 45	1.6	50.5	35.3	12.6	0.3	39.3	45.9	14.5	2.9	62.9	23.6	10.5
11	45 - 50	1.4	45.9	38.0	14.7	0.4	34.7	47.9	17.1	2.4	57.8	27.5	12.3
12	50 - 55	1.2	41.9	39.8	17.1	0.4	31.8	48.8	19.0	2.1	52.2	30.5	15.2
13	55 - 60	1.2	36.5	42.0	20.4	0.4	28.5	49.5	21.6	1.9	44.6	34.4	19.1
14	60 - 65	0.9	34.1	44.2	20.8	/	26.4	51.1	22.3	1.4	41.8	37.4	19.3
15	65 - 70	1.0	33.9	44.7	20.4	0.3	26.8	51.6	21.3	1.6	40.5	38.3	19.7
16	70 - 75	0.9	31.2	46.6	21.3	0.3	25.8	52.9	21.0	1.3	36.1	40.9	21.6
17	75 and over	2.0	39.1	42.7	16.2	0.8	34.0	49.7	15.5	2.8	42.4	38.2	16.6

1) With refer to residents who answered the questions concerning height and body weight.

Source: Statistisches Bundesamt (Federal Statistical Office), Mikrozensus (Microcensus), Questions on health problems.

4. Further information

In English: German Health Interview and Examination Survey for Children and Adolescents - KIGGs (Robert Koch Institut) (www.kiggs.de)

II. Quality of life
Crime

15 Burglaries in home

1. Definition

Number of burglaries in homes in a given year that are reported to the police (Section 244 (1) No. 3 of the German Penal Code).

2. Data on the time series of the indicator

No.	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
		Reported cases in 1,000																
1	Burglaries in homes (435) 1).....	227	211	211	196	182	167	149	140	134	130	123	124	110	106	109	108	114

3. Supplementary data

No.	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
		Reported cases in 1,000																
2	Burglaries in homes (435).....	227	211	211	196	182	167	149	140	134	130	123	124	110	106	109	108	114
3	Share of total crime (%)..... <i>Specification: (3) = (2) / (8) * 100</i>	3.4	3.2	3.2	2.9	2.8	2.6	2.4	2.2	2.1	2.0	1.9	1.9	1.7	1.7	1.7	1.8	1.9
4	Bodily injuri (2200).....	295	302	317	335	351	369	388	403	419	444	468	497	517	534	547	544	545
5	Share of total crime (%)..... <i>Specification: (5) = (4) / (8) * 100</i>	4.4	4.6	4.8	5.0	5.3	5.7	6.2	6.4	6.6	6.8	7.1	7.5	8.1	8.5	8.7	8.9	9.0
6	Fraud accounted (5100).....	528	587	623	649	671	706	717	771	793	788	876	942	950	954	913	888	956
7	Share of total crime (%)..... <i>Specification: (7) = (6) / (8) * 100</i>	7.8	9.0	9.3	9.8	10.2	10.9	11.4	12.3	12.5	12.1	13.3	14.2	14.9	15.1	14.5	14.5	15.8
8	Total crime.....	6,751	6,538	6,669	6,648	6,586	6,457	6,302	6,265	6,364	6,507	6,572	6,633	6,392	6,304	6,285	6,114	6,054
		1993 = 100																
9	Burglaries in homes (435).....	100.0	92.9	93.0	86.2	80.1	73.4	65.6	61.7	58.9	57.3	54.3	54.7	48.3	46.7	48.1	47.7	50.1
10	Bodily injuri (2200).....	100.0	102.4	107.5	113.5	118.8	125.1	131.7	136.5	142.1	150.6	158.6	168.6	175.4	181.1	185.4	184.2	184.7
11	Fraud accounted (5100).....	100.0	111.2	117.9	122.8	127.0	133.5	135.8	146.0	150.1	149.2	165.8	178.2	179.8	180.6	172.8	168.0	180.9
12	Total crime.....	100.0	96.8	98.8	98.5	97.6	95.7	93.4	92.8	94.3	96.4	97.4	98.3	94.7	93.4	93.1	90.6	89.7

1) Code of the Police Crime Statistics.

Source: Bundeskriminalamt (Federal Criminal Police Office), 2010, Polizeiliche Kriminalstatistik (Police Crime Statistics)

4. Further information

III. Social cohesion
Employment

16a, b Employment rate

1. Definition

Share of the persons employed between 15 and 64 years (16a) and 55 and 64 years (16b) in the total population of the respective age group.

The EU Labour Force Survey covers the population living in private households, but excludes persons in shared housing. The working population consists of people who, during the week under survey engaged in some kind of activity for a least one hour for which they received compensation or who did not work because they were absent from their workplace temporarily.

2. Data on the time series of the indicator

No.	Age from ... to ...	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹⁾	2006	2007	2008	2009
			Employment rate in %																
1	15 - 64 years	Total.....	65.1	64.7	64.7	64.1	63.6	63.7	64.8	65.3	65.7	65.4	64.9	64.3	66.0	67.5	69.4	70.7	70.9
2		Of which: Men.....	75.0	74.1	73.9	72.7	71.8	71.7	72.4	72.7	72.6	71.8	70.9	70.0	71.3	72.8	74.7	75.9	75.6
3		Women.....	55.0	55.0	55.3	55.4	55.2	55.6	57.1	57.8	58.7	58.8	58.9	58.5	60.6	62.2	64.0	65.4	66.2
4	55 - 64 years	Total.....	35.7	36.3	37.8	37.9	38.2	37.7	37.8	37.4	37.7	38.4	39.4	41.4	45.4	48.4	51.5	53.8	56.2
5		Of which: Men.....	47.7	48.0	48.8	47.8	47.6	47.3	46.9	46.2	46.1	47.1	47.7	49.8	53.5	56.4	59.7	61.8	63.9
6		Women.....	23.9	24.9	27.0	28.2	28.9	28.1	28.7	28.7	29.3	29.8	31.2	33.1	37.5	40.6	43.6	46.1	48.7

3. Supplementary data

No.	Age from ... to ...	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹⁾	2006	2007	2008	2009
			Employment rate in %																
7	15 - 24 years	Total.....	51.9	50.0	48.0	45.5	44.4	45.1	46.2	46.1	46.5	45.4	44.0	41.3	42.2	43.4	45.3	46.9	46.2
8		Of which: Men.....	53.9	51.5	49.8	48.0	46.8	47.7	48.6	48.6	48.6	46.9	45.0	42.7	43.7	45.1	46.9	48.8	47.6
9		Women.....	49.8	48.4	46.2	43.0	41.9	42.5	43.9	43.6	44.3	43.8	43.0	39.8	40.7	41.6	43.5	45.0	44.7
10	25 - 54 years	Total.....	76.8	76.6	76.9	76.7	76.6	76.9	78.3	79.3	79.4	78.8	78.1	77.2	78.2	79.4	80.9	81.8	81.6
11		Of which: Men.....	88.0	87.1	87.3	86.1	85.7	85.6	86.6	87.4	86.9	85.7	84.4	83.1	83.7	84.9	86.4	87.2	86.2
12		Women.....	65.3	65.7	66.3	67.0	67.2	68.0	69.9	71.1	71.7	71.8	71.6	71.1	72.5	73.7	75.2	76.3	76.9

1) As 2005 yearly average and different data collection and projection method.

Source: Statistisches Bundesamt (Federal Statistical Office), Mikrozensus (Microcensus)
Statistical Office of the European Communities, Labour force survey (Microcensus)

No.	Specification	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
		Persons in employment in 1,000																
13	Total.....	36,380	36,076	36,048	35,982	35,805	35,860	36,402	36,604	36,816	36,536	36,172	35,659	36,566	37,344	38,163	38,734	38,662
14	Of which: Men.....	21,296	20,988	20,939	20,706	20,549	20,509	20,659	20,680	20,629	20,336	19,996	19,681	20,135	20,477	20,890	21,188	20,972
15	Women.....	15,084	15,088	15,109	15,276	15,256	15,351	15,744	15,924	16,187	16,200	16,176	15,978	16,432	16,867	17,272	17,546	17,690
16	Total full-time employment.....	30,897	30,377	30,184	30,032	29,504 ¹⁾	29,298	29,449	29,488	29,324	28,893	28,271	27,720	27,818	27,719	28,245	28,753	28,606
17	Of which: Men.....	20,685	20,309	20,188	19,903	19,643 ¹⁾	19,529	19,618	19,596	19,493	19,152	18,717	18,381	18,576	18,569	18,924	19,218	18,949
18	Women.....	10,212	10,069	9,996	10,129	9,861	9,769	9,831	9,893	9,831	9,741	9,554	9,339	9,242	9,149	9,321	9,536	9,656
19	Total part-time employment.....	5,483	5,698	5,864	5,950	6,301	6,562	6,953	7,115	7,492	7,643	7,901	7,939	8,748	9,625	9,918	9,981	10,057
20	Of which: Men.....	611	679	751	803	907	980	1,040	1,084	1,136	1,184	1,279	1,301	1,558	1,907	1,967	1,971	2,023
21	Women.....	4,873	5,020	5,113	5,147	5,395	5,582	5,913	6,031	6,355	6,459	6,622	6,639	7,190	7,718	7,951	8,010	8,034

1) Including an extrapolated 300 persons not indicated.

Source: Statistisches Bundesamt (Federal Statistical Office), Mikrozensus (Microcensus)

4. Further information

III. Social cohesion
Perspectives for families

17a, b All-day care provision for children

1. Definition

Share of children in all-day care (more than seven hours without publicly funded care in private homes) as percentage of all children from the respective age groups:
0- to 2-year-olds (17a) as well as 3- to 5-year-olds (17b). Data of survey: 15th March.

2. Data on the time series of the indicator

No.	Specification	2006	2007	2008	2009
		%			
1	All-day care for children aged 0- to 2-years.....	5.9	6.5	7.3	8.7
2	All-day care for children aged 3- to 5-years.....	22.0	24.2	26.9	29.7

3. Supplementary data

No.	Specification	2006		2007		2008		2009	
		Number	%	Number	%	Number	%	Number	%
Children in institutional all-day care		Children aged 0- to 2-years in institutional all-day care							
3	Baden-Württemberg.....	4,968	1.7	6,209	2.2	7,564	2.7	9,420	3.4
4	Bayern (Bavaria).....	6,340	1.9	7,785	2.4	9,378	2.9	11,264	3.5
5	Berlin.....	16,611	19.4	17,593	20.3	18,688	21.0	20,941	22.7
6	Brandenburg.....	12,297	22.1	13,145	23.8	13,243	23.8	15,062	26.6
7	Bremen.....	436	2.7	583	3.6	747	4.6	828	5.1
8	Hamburg.....	4,129	8.9	4,645	9.9	5,023	10.4	6,016	12.3
9	Hessen (Hesse).....	4,654	2.9	6,212	3.9	8,017	5.1	9,824	6.3
10	Mecklenburg-Vorpommern (Mecklenburg-West Pomeria).....	6,937	18.1	7,095	18.7	7,433	19.7	8,474	22.1
11	Niedersachsen (Lower Saxony).....	2,668	1.3	3,303	1.6	4,182	2.1	5,749	2.9
12	Nordrhein-Westfalen (North-Rhine/Westphalia).....	11,171	2.4	12,509	2.7	16,273	3.6	21,048	4.7
13	Rheinland-Pfalz (Rhineland-Palatinate).....	2,664	2.6	3,185	3.2	3,896	4.0	5,034	5.2
14	Saarland.....	859	3.8	1,012	4.5	1,270	5.8	1,609	7.4
15	Sachsen (Saxony).....	19,646	20.1	20,852	21.2	22,330	22.6	25,921	25.7
16	Sachsen-Anhalt (Saxony-Anhalt).....	13,513	26.4	14,364	28.1	14,607	28.5	16,248	31.4
17	Schleswig-Holstein.....	1,207	1.7	1,377	1.9	1,643	2.4	2,097	3.0
18	Thüringen (Thuringia).....	15,436	30.4	15,117	30.1	15,688	31.3	18,036	35.5
19	Deutschland (Germany).....	123,536	5.9	134,986	6.5	149,982	7.3	177,571	8.7
20	Former territory of the Federal Republic without Berlin.....	39,096	2.3	46,820	2.8	57,993	3.5	72,889	4.4
21	New Länder without Berlin.....	67,829	23.1	70,573	24.1	73,301	25.0	83,741	28.1

No.	Specification	2006		2007		2008		2009	
		Number	%	Number	%	Number	%	Number	%
Children in institutional all-day care		Children aged 3- to 5-years in institutional all-day care							
22	Baden-Württemberg.....	21,403	6.8	23,886	7.9	27,254	9.2	33,329	11.4
23	Bayern (Bavaria).....	59,873	16.8	65,269	18.9	68,257	20.1	71,528	21.4
24	Berlin.....	41,485	50.3	42,336	51.9	43,936	53.0	45,169	54.0
25	Brandenburg.....	25,151	43.8	26,712	46.8	28,316	49.3	29,864	52.1
26	Bremen.....	3,071	18.4	3,072	19.1	3,109	19.8	3,315	21.1
27	Hamburg.....	11,000	24.7	12,020	27.0	12,857	28.5	14,281	31.4
28	Hessen (Hesse).....	37,765	22.1	42,204	25.5	47,554	29.2	52,056	32.4
29	Mecklenburg-Vorpommern (Mecklenburg-West Pomeria).....	17,640	46.1	18,426	48.5	19,665	51.6	20,691	54.8
30	Niedersachsen (Lower Saxony).....	18,555	7.9	21,391	9.5	23,396	10.7	26,378	12.5
31	Nordrhein-Westfalen (North-Rhine/Westphalia).....	97,043	19.0	106,992	21.7	128,738	26.7	143,920	30.5
32	Rheinland-Pfalz (Rhineland-Palatinate).....	20,279	18.1	21,746	20.2	24,424	23.3	28,916	28.4
33	Saarland.....	3,701	14.8	3,848	16.1	4,425	18.9	5,147	22.6
34	Sachsen (Saxony).....	57,131	59.5	59,281	62.2	63,595	65.9	68,300	70.2
35	Sachsen-Anhalt (Saxony-Anhalt).....	26,921	50.6	27,354	53.1	27,799	54.5	28,435	56.4
36	Schleswig-Holstein.....	8,108	10.0	8,629	11.1	9,628	12.6	10,585	14.2
37	Thüringen (Thuringia).....	43,195	84.0	42,979	84.5	43,030	84.9	43,409	86.1
38	Deutschland (Germany).....	492,321	22.0	526,145	24.2	575,983	26.9	625,323	29.7
39	Former territory of the Federal Republic without Berlin.....	280,798	15.1	309,057	17.2	349,642	19.8	389,455	22.5
40	New Länder without Berlin.....	170,038	57.4	174,752	59.7	182,405	62.1	190,699	65.0

No.	Specification	2000	2001	2002	2003	2005	2006	2007	2008	2009
		Number								
41	Children aged 6- to 13-years in institutional all-day care.....	-	-	-	-	-	99,389	105,964	113,330	123,650
42	Children aged 6- to 13-years in part-time care	-	-	-	-	-	660,466	668,111	656,821	650,952
43	Full-time pupils 1) in general education schools.....	-	-	873,935	954,940	1,307,570	1,484,462	1,718,862	...	...
44	Including: primary schools.....	-	-	133,506	160,708	314,143	399,666	499,591	...	...
		%								
45	Full-time pupils in general education schools.....	-	-	9.8	10.8	15.2	17.6	20.9	...	...
46	Including: primary schools.....	-	-	4.2	5.1	9.9	12.7	16.2	...	...
		Number								
47	Live births.....	766 999	734 475	719 250	706 721	685 795	672 724	684 862	682 514	...

1) Information from the Kultusministerkonferenz.

Source: Statistisches Bundesamt (Federal Statistical Office)
Sekretariat der Kultusministerkonferenz

4. Further information

In German: Statistische Ämter des Bundes und der Länder: Demografischer Wandel; Heft 3: Auswirkungen auf Schülerzahlen und Kindertagesbetreuung im Bund und in den Ländern, Ausgabe 2009

III. Social cohesion
Equal opportunities

18 Gender pay gap

1. Definition

Difference between average gross hourly wages of women and men expressed as percentage of men's earnings.

2. Data on the time series of the indicator

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		%													
1	Difference between average gross hourly wages of women and men in percent of men's earnings 1).....	21	21	21	22	19	21	21	22	23	23	22	23	23	23

3. Supplementary data

No.	Specification	2007			2008		
		Men	Women	Share of women in employed persons	Men	Women	Share of women in employed persons
		Euro		%	Euro		%
	Average gross monthly earnings of employees by selected economic sectors Including:						
2	Health and social work.....	3,620	2,599	77.7	3,702	2,655	77.5
3	Clothing industry.....	3,420	2,148	74.9	3,502	2,231	74.5
4	Retail sales.....	2,699	2,106	71.4	2,760	2,140	71.7
5	Mechanical engineering.....	3,550	2,862	17.8	3,615	2,945	17.5
6	Vehicle manufacturing.....	3,696	3,027	13.9	3,809	3,139	13.9
7	Construction work.....	2,577	2,358	15.1	2,649	2,421	15.2

1) Because of methodological changes in 2002 and 2006, the gender-specific wage differences could have increased by one percentage point in each of the two years.

Source: Statistisches Bundesamt (Federal Statistical Office)

4. Further information

III. Social cohesion
Integration

19 Foreign school leavers with a school leaving certificate

1. Definition

Share of foreign school leavers from general schools with school leaving certificates (at least the *Hauptschule* certificate) in all foreign school leavers in the year under review.

2. Data on the time series of the indicator

No.	Specification	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		%												
1	Share of foreign school leavers with a school leaving certificate	80.3	80.6	80.5	80.7	80.1	79.8	80.6	80.9	81.9	82.6	83.2	84.0	85.0
	Of which:													
2	Foreign school leavers with Hauptschule leaving certificate.....	43.6	42.7	41.9	41.0	40.2	39.6	40.9	41.6	40.9	41.4	41.7	41.7	40.2
3	Foreign school leavers with Realschule leaving certificate.....	27.5	28.1	28.9	28.9	28.9	28.9	28.8	29.1	30.8	31.2	30.8	31.3	32.6
4	Foreign school leavers with university or university of applied sciences entrance certification.....	9.2	9.7	9.7	10.8	11.0	11.4	10.9	10.2	10.2	10.1	10.8	11.0	12.3

3. Supplementary data

No.	Specification	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
		%												
5	Share of german school leavers with a school leaving certificate.....	92.3	92.3	92.1	92.0	91.7	91.3	91.8	92.1	92.6	92.8	93.0	93.6	93.8
	Of which:													
6	German citizens with Hauptschule leaving certificate.....	25.4	25.2	25.0	24.7	24.1	24.2	24.1	24.5	23.5	23.2	22.8	21.9	20.8
7	German citizens with Realschule leaving certificate.....	40.4	40.9	41.2	41.0	40.7	41.7	41.3	41.6	43.7	42.6	42.1	41.6	41.0
8	German citizens with university or university of applied sciences entrance certification.....	26.6	26.2	25.9	26.4	26.9	25.4	26.4	26.0	25.4	27.0	28.2	30.0	32.1

No.	Specification	2006									2008									
		School-leavers			Of which						School-leavers			Of which						
					German citizens			Foreign citizens						German citizens			Foreign citizens			
		total	male	female	together	male	female	together	male	female	total	male	female	together	male	female	together	male	female	
		Number																		
	School-leavers																			
9	Without any school leaving certificate	75,897	47,857	28,040	61,331	38,905	22,426	14,566	8,952	5,614	64,918	39,872	25,046	51,906	32,002	19,904	13,012	7,870	5,142	
10	With Hauptschule leaving certificate	237,247	136,985	100,262	201,014	117,593	83,421	36,233	19,392	16,841	210,311	120,598	89,713	175,354	101,863	73,491	34,957	18,735	16,222	
11	With Realschule leaving certificate	398,176	196,690	201,486	371,434	183,916	187,518	26,742	12,774	13,968	373,500	186,666	186,834	345,144	173,452	171,692	28,356	13,214	15,142	
12	With entrance qualification for a university of applied sciences ...	14,260	6,677	7,583	12,977	6,129	6,848	1,283	548	735	14,179	6,538	7,641	12,820	5,966	6,854	1,359	572	787	
13	With general university entrance qualification	244,018	107,140	136,878	235,913	103,590	132,323	8,105	3,550	4,555	266,550	117,188	149,362	257,250	113,171	144,079	9,300	4,017	5,283	

No.	Specification	2000		2001		2002		2003		2004		2005		2006		2007		2008	
		Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
14	Foreign citizens in Germany.....	7,267,568	8.8	7,318,263	8.9	7,347,951	8.9	7,341,820	8.9	7,287,980	8.8	7,289,149	8.8	7,255,949	8.8	7,255,395	8.8	7,185,921	8.8
	Including:																		
15	Foreign citizens in general schools.....	950,486	9.5	955,718	9.7	961,381	9.8	962,835	9.9	951,314	9.9	929,531	9.8	897,740	9.6	852,663	9.3	805,979	8.9
16	Foreign citizens in vocational schools.....	204,828	7.6	200,445	7.4	194,328	7.2	192,808	7.1	191,384	6.9	188,538	6.8	186,827	6.7	189,339	6.8	195,972	7.0

Source: Statistisches Bundesamt (Federal Statistical Office), Schulstatistik (School statistics), Bevölkerungsstatistik (Demographic statistics)

4. Further information

In German: Statistisches Bundesamt (Federal Statistical Office): Bildung und Kultur (Education and culture), Allgemeinbildende Schulen (General schools), Fachserie 11, Reihe 1

In German: Statistisches Bundesamt (Federal Statistical Office): Bildung und Kultur (Education and culture), Berufliche Schulen (Vocational schools), Fachserie 11, Reihe 2

In German: Statistisches Bundesamt (Federal Statistical Office): Bevölkerung und Erwerbstätigkeit (Population and employment), Bevölkerungsfortschreibung, Fachserie 1, Reihe 1.3

In German: Konsortium Bildungsberichterstattung: Bildung in Deutschland 2008

In German: Konsortium Bildungsberichterstattung: Bildung in Deutschland 2006; enthält u.a eine Analyse zu Bildung und Migration

IV. International responsibility
Development cooperation

20 Share of expenditure for official development assistance in gross national income

1. Definition

Share of the expenditures for official development assistance (ODA) in gross national income.

ODA mainly includes expenditure for the financial and technical cooperation with developing countries as well as contributions to multilateral institutions for development cooperation (such as the United Nations, European Union, World Bank, regional development banks). Furthermore, waivers of debt as well as costs of specific development assistance provided in the donor country, such as cost of studies for students from developing countries or expenditure for development-specific research are attributable to ODA. The data are taken from the yearly report to the Development Assistance Committee of the OECD.

2. Data on the time series of the indicator

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Euro bn																
1	Expenditure for official development assistance (ODA).....	5.5	5.8	5.2	5.0	5.2	5.5	5.6	5.6	6.0	6.1	8.1	8.3	9.0	9.7	...
2	Gross national income (GNI) 1).....	1,791.8	1,825.7	1,862.5	1,915.4	1,965.1	2,020.3	2,065.6	2,108.8	2,118.2	2,196.7	2,251.2	2,335.0	2,447.4	2,531.9	...
%																
3	Share of expenditures for ODA in gross national income 2)..... <i>Specification: (3)= (1) / (2)</i>	0.31	0.32	0.28	0.26	0.26	0.27	0.27	0.27	0.28	0.28	0.36	0.36	0.37	0.38	0.35

3. Supplementary data

No.	Specification	2006	2007	2008	2009
US-\$ bn					
Donor countries with highest expenditure for ODA (ranking according to 2009) 2)					
4	USA.....	23.53	21.79	26.84	28.67
5	France.....	10.60	9.88	10.91	12.43
6	Germany.....	10.44	12.29	13.98	11.98
7	Great Britain.....	12.46	9.85	11.50	11.51
8	Japan.....	11.19	7.68	9.58	9.48
9	Spain.....	3.81	5.14	6.87	6.57
10	Netherlands.....	5.45	6.22	6.99	6.43
11	Sweden.....	3.96	4.34	4.73	4.55
12	Norway.....	2.95	3.73	3.96	4.09
13	Canada.....	3.68	4.08	4.79	4.01

No.	Specification	2006	2007	2008	2009
		%			
	Donor countries with highest shares of ODA in GNI (ranking according to 2009) 2)				
14	Sweden.....	1.02	0.93	0.98	1.12
15	Norway.....	0.89	0.95	0.88	1.06
16	Luxembourg.....	0.90	0.92	0.97	1.01
17	Denmark.....	0.80	0.81	0.82	0.88
18	Netherlands.....	0.81	0.81	0.80	0.82
19	Belgium.....	0.50	0.43	0.48	0.55
20	Finland.....	0.40	0.39	0.44	0.54
21	Ireland.....	0.54	0.55	0.59	0.54
22	Great Britain.....	0.51	0.35	0.43	0.52
23	Switzerland.....	0.39	0.37	0.44	0.47

No.	Specification	2002	2003	2004	2005	2006	2007	2008
		%						
25	Official development assistance by sectors.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
26	Bilateral.....	62.5	59.8	50.7	73.9	67.4	64.7	64.8
27	Subsidies.....	73.3	69.8	59.9	81.8	72.6	65.8	67.2
28	Technical cooperation.....	33.4	33.9	33.0	28.4	29.9	28.7	29.9
29	Subsidies of financial cooperation.....	10.5	8.9	8.5	8.1	7.3	7.6	8.2
30	Development-oriented food aid.....	0.4	0.4	0.3	0.2	0.2	0.4	0.4
31	Emergency and refugee aid.....	4.2	2.7	2.7	3.3	3.4	2.3	2.2
32	Waivers of debt.....	19.5	19.7	10.8	38.7	28.9	24.4	23.5
33	Administrative expenses.....	4.6	3.5	3.3	2.0	2.2	2.1	2.1
34	Other.....	0.6	0.8	1.3	0.9	0.7	0.3	0.9
35	Loan/participation.....	-10.8	-10.0	-9.2	-7.9	-5.2	-1.1	-2.4
36	Multilateral.....	37.5	40.2	49.3	26.1	32.6	35.3	35.2
37	Subsidies and payment by capital shares.....	37.5	40.2	49.3	26.1	32.6	35.3	35.2
38	United Nations.....	8.2	3.9	4.3	2.0	2.1	2.2	2.1
39	European Union.....	23.6	23.6	25.0	21.9	20.6	20.0	20.1
40	World Bank.....	0.4	7.2	15.2	0.0	5.7	8.9	8.1
41	Regional development banks.....	3.7	2.2	2.3	0.5	2.9	1.5	1.9
42	Other.....	1.5	3.3	2.5	1.8	1.3	2.7	2.9

1) GNI as of May of following year. Therefore diverging from SNA results.

2) 2009 preliminary results.

Source: Statistisches Bundesamt (Federal Statistical Office)
Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung (Federal Ministry for Economic Cooperation and Development)

4. Further information

In German: Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung: Auf dem Weg in die Eine Welt - Weißbuch zur Entwicklungspolitik, Juni 2008

In German: Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung: Medienhandbuch Entwicklungspolitik 2008/2009

OECD: Development Aid at a Glance, yearly call over www.oecd.org

IV. International responsibility
Opening markets

21 German imports from developing countries

1. Definition

Value of the imports from developing countries into Germany excluding imports from the so-called advanced developing countries, but including the European developing countries, such as Albania, Balarus or Turkey. The classification of developing countries is based on the DAC list of Aid Recipients prepared by the Development Assistance Committee of the OECD.

2. Data on the time series of the indicator

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
		Euro bn														
1	German imports from developing countries.....	40.9	42.6	49.7	51.5	54.8	70.0	71.5	70.9	73.8	87.5	104.3	126.6	140.2	152.0	126.4
2	From ACP countries including the least developed ACP countries 2).....	4.2	4.2	5.1	4.8	5.0	6.2	7.2	6.6	6.7	6.2	7.0	9.6	10.4	11.2	8.8
3	From other developing countries.....	36.7	38.4	44.6	46.8	49.8	63.8	64.3	64.3	67.1	81.2	97.3	117.0	129.8	140.8	117.6

3. Supplementary data

No.	Specification	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009 ¹⁾
		Euro bn														
4	Total german imports.....	339.6	353.0	394.8	423.5	444.8	538.3	542.8	518.5	534.5	575.4	628.1	734.0	769.9	805.8	674.0
5	Including: from developing countries.....	40.9	42.6	49.7	51.5	54.8	70.0	71.5	70.9	73.8	87.5	104.3	126.6	140.2	152.0	126.4
6	In Africa.....	5.9	6.0	6.7	6.5	6.8	9.2	9.2	8.6	8.4	11.1	13.8	16.7	16.5	20.7	14.2
7	In Central and South America.....	7.6	7.2	8.6	8.6	8.6	10.1	10.0	9.4	10.1	11.4	13.9	18.0	21.3	23.3	17.5
8	In Asia.....	19.9	21.8	25.6	26.8	29.5	40.2	41.0	41.5	46.4	55.1	64.8	78.1	86.9	93.1	82.5
9	Including: China.....	8.2	9.2	11.0	11.9	13.8	18.6	19.9	21.3	25.7	32.8	40.8	50.0	56.4	60.8	55.4
10	In Oceania.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.4	0.6	0.9	0.4	0.3
11	In Europe.....	7.1	7.4	8.7	9.4	9.6	10.4	11.0	11.2	8.7	9.6	11.5	13.1	14.6	14.5	12.0
		%														
12	Total german imports.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
13	Including: from developing countries.....	12.0	12.1	12.6	12.2	12.3	13.0	13.2	13.7	13.8	15.2	16.6	17.2	18.2	18.9	18.8
14	In Africa.....	1.7	1.7	1.7	1.5	1.5	1.7	1.7	1.7	1.6	1.9	2.2	2.3	2.1	2.6	2.1
15	In Central and South America.....	2.3	2.0	2.2	2.0	1.9	1.9	1.8	1.8	1.9	2.0	2.2	2.5	2.8	2.9	2.6
16	In Asia.....	5.9	6.2	6.5	6.3	6.6	7.5	7.6	8.0	8.7	9.6	10.3	10.6	11.3	11.6	12.2
17	Including: China.....	2.4	2.6	2.8	2.8	3.1	3.4	3.7	4.1	4.8	5.7	6.5	6.8	7.3	7.5	8.2
18	In Oceania.....	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
19	In Europe.....	2.1	2.1	2.2	2.2	2.2	1.9	2.0	2.2	1.6	1.7	1.8	1.8	1.9	1.8	1.8

No.	Specification	2008	
		Imports from developing countries	Share in total imports
		Euro mn	%
	German imports from developing countries by groups of goods according to production statistics		
20	Products of agriculture and hunting.....	7,777.7	35.3
21	Products of forestry.....	94.3	19.9
22	Fish and products of fishing.....	28.1	7.1
23	Coal and lignite.....	1,346.0	31.6
24	Crude petroleum and natural gas.....	19,203.0	23.1
25	Metal ores.....	4,084.1	67.8
26	Other mining and quarrying products.....	303.3	20.3
27	Food products.....	7,002.5	20.2
28	Beverages.....	281.4	6.2
29	Tabacco products.....	35.7	4.2
30	Textiles.....	3,056.9	33.8
31	Wearing apparel.....	15,756.7	70.9
32	Leather and related products.....	4,216.3	58.2
33	Wood and products of wood and cork, except furniture; articles of straw and plaiting materials.....	996.7	20.2
34	Pulp, paper and paperboard.....	990.7	6.9
35	Coke and refined petroleum products.....	894.5	3.9
36	Chemicals and chemical products.....	4,541.9	7.2
37	Pharmaceuticals and pharmaceutical products.....	1,359.8	4.0
38	Rubber and plastic products.....	2,582.4	12.6
39	Glass, non-refractory ceramic goods, trated stone and earth.....	1,468.0	18.1
40	Basic metals.....	8,398.7	14.4
41	Fabricated metal products.....	3,908.9	17.7
42	Office machinery and computers.....	29,566.6	35.3
43	Electrical machinery and apparatus.....	7,725.5	21.4
44	Machinery and equipment.....	9,343.8	13.6
45	Motor vehicles, trailers and semi-trailers.....	6,588.1	8.7
46	Other transport equipment.....	2,712.3	8.5
47	Furniture.....	1,913.4	23.0
48	Electricity.....	0.0	0.0
49	Other goods.....	5,821.2	10.7
50	Total.....	151,998.7	18.9

1) Preliminary results for the year 2009.

2) ACP = Africa, the Caribbean and the Pacific Area.

Source: Statistisches Bundesamt (Federal Statistical Office), Außenhandelsstatistik (Foreign trade statistics)

4. Further information

List of abbreviations

General		Measures		Explanation of symbols	
AGEB	Working Group on Energy Balances (Arbeitsgemeinschaft Energiebilanzen)	GWh	gigawatt hour (=10 ⁹ watt hours)	0	= less than half of 1 in the last digit occupied, but more than zero
ACP	Africa, the Caribbean and the Pacific Area	ha	hectare		
AK VGRdL	National accounts working group of the Länder (Arbeitskreis Volkswirtschaftliche Gesamtrechnungen der Länder)	kg	kilogram	-	= no figures or magnitude zero
BfN	Federal Agency for Nature Conservation (Bundesamt für Naturschutz)	km	kilometre		
BMELV	Federal Ministry of Food, Agriculture and Consumer Protection (Bundesministerium für Ernährung, Landwirtschaft und Verbraucherschutz)	km ²	square kilometre		
BMI	Body mass index	m ²	square metre	...	= data will be available later
BMU	Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit)	MJ	megajoules	.	= numerical value unknown or not to be disclosed
BZgA	Federal Centre for Health Education (Bundeszentrale für gesundheitliche Aufklärung)	pass-km	passenger kilometres	x	= cell blocked for logical reasons
DAC	Development Assistance Committee	t	tonnes		
EEC	European Economic Community	t-km	tonne kilometres		
EU	European Union	mn	million		
GDP	Gross domestic product	bn	billion		
GNI	Gross national income				
ISCED	International Standard Classification of Education				
ODA	Official Development Assistance				
OECD	Organisation for Economic Co-operation and Development (Organisation für wirtschaftliche Zusammenarbeit und Entwicklung)				
R&D	Research and development				
SS	Summer semester				
TREMOD	Transport emissions estimation model (Modell zur Bewertung von Verkehrsemissionen)				
UGR	Environmental-economic accounting (Umweltökonomische Gesamtrechnungen)				
UMTS	Universal Mobile Telecommunications System				
UNFCCC	United Nations Framework Convention on Climate Change (Rahmenkonvention der Vereinten Nationen zum Klimawandel)				
VGR	National accounts (Volkswirtschaftliche Gesamtrechnungen)				
WHO	World Health Organization (Weltgesundheitsorganisation)				
WS	Winter semester				
ZES	Central System of Emissions (Zentrales System Emissionen)				
ZSW	Centre of Solar Energy and Hydrogen Research Baden-Württemberg (Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg)				