

# Economy and Use of Environmental Resources

Tables on Environmental-Economic Accounting  
Part 5: Transport and the environment, Agriculture and the environment, Forest accounting



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## Table of contents

Part 1 Chapter 1 *Macroeconomic overview tables*  
Chapter 2 *Economic indices*

Part 2 Chapter 3 *Energy*

Part 3 Chapter 4 *Air pollutants*

Part 4 Chapter 5 *Raw materials*

Chapter 6 *Use of water*

Chapter 7 *Waste water*

Chapter 8 *Waste*

Chapter 9 *Environmental protection measures*

### Part 5 Introduction

1 Environmental-Economic Accounting of the Federal Statistical Office

2 Overview on classification

2.1 Classification of homogeneous branches

2.2 Classification of industries

3 Abbreviations and symbols

4 General notes

### Glossary

### Chapter 10 Transport and the environment

10.1 Indicators of the national strategy for sustainability relevant to transport and the environment

#### 10.2 Road transport

10.2.1 Stocks, vehicle mileages, fuel consumption and CO<sub>2</sub> emissions of cars

10.2.2 Stocks, vehicle mileages, fuel consumption and CO<sub>2</sub> emissions of lorries

#### 10.3 Stocks by vehicle categories and sectors (1,000)

10.3.1 Stocks by vehicle categories and sectors, motor gasoline

10.3.2 Stocks by vehicle categories and sectors, gas-diesel oil

#### 10.4 Vehicle mileages in road transport (mn km)

10.4.1 Vehicle mileages in road transport total

10.4.2 Vehicle mileages by vehicle categories by homogeneous branches - motor gasoline vehicles

10.4.3 Vehicle mileages by vehicle categories by homogeneous branches - gas-diesel oil vehicles

10.4.4 Vehicle mileages of gas-diesel oil cars by homogeneous branches

10.4.5 Vehicle mileages of motor gasoline cars by homogeneous branches

10.4.6 Transport performance of trucks, 22 keeper categories

#### 10.5 Energy consumption in road transport (terajoules)

10.5.1 Energy consumption in road transport by homogeneous branches

10.5.2 Energy consumption of vehicles by fuel type

10.5.3 Energy consumption by vehicles categories, gasoline engine

10.5.4 Energy consumption by vehicles categories, diesel engine

10.5.5 Energy consumption of motor gasoline cars by homogeneous branches

10.5.6 Energy consumption of gas-diesel oil cars by homogeneous branches

#### 10.6 CO<sub>2</sub> emissions in road transport (1,000 tonnes)

10.6.1 CO<sub>2</sub> emissions in road transport by fuel type

10.6.2 CO<sub>2</sub> emissions in road transport by fuel type

10.6.3 CO<sub>2</sub> emissions by vehicles categories, gasoline engine

10.6.4 CO<sub>2</sub> emissions by vehicles categories, diesel engine

10.6.5 CO<sub>2</sub> emissions of motor gasoline cars

10.6.6 CO<sub>2</sub> emissions of gas-diesel oil cars

## **Chapter 11 Agriculture and the environment**

### **11.1 Basic data from agriculture**

11.1.1 Land use in Germany (1,000 hectares, 2008 = 100, percentage of total)

11.1.2 Harvest volume of field crops (million tonnes)

11.1.3 Yield per hectare of field crops (quintals)

11.1.4 Cultivation area of field crops (1,000 hectares)

11.1.5 Stock of animals (1,000; 2005 = 100)

### **11.2 Land use of products of animal origin**

11.2.1 Land use of products of animal origin

11.2.2 Land use of fodder crops in Germany (1,000 hectares)

11.2.3 Fodder of livestock by type of animal and origin (1,000 tonnes)

11.2.4 Fodder of livestock by type of animal and origin (2008 = 100)

11.2.5 Fodder of livestock by type of animal and origin (%)

11.2.6 Land use for the production of fodder of livestock by type of animal and origin (1,000 hectares)

11.2.7 Land use of products of animal origin - domestic production

11.2.8 Land use of products of animal origin - imports

11.2.9 Land use of products of animal origin - exports

11.2.10 Land use of products of animal origin - domestic consumption

### **11.3 Greenhouse gas emissions**

11.3.1 Greenhouse gas emissions 2013

## **Chapter 12 Forest accounting**

12.1 Forest balance: Area of wooded land (1,000 hectares)

12.2 Forest balance: wood supply (mn m<sup>3</sup> over bark)

12.3 Forest balance: monetary supply (EUR mn)

12.4 Economic aggregates of the forestry and logging industry (EUR mn)

12.5 Supply-use physical table (units in accordance with tables of IEEAF)

12.6 Carbon balance for wood biomass (mn tonnes carbon)

12.7 Carbon balance for the forest ecosystem (mn tonnes carbon)

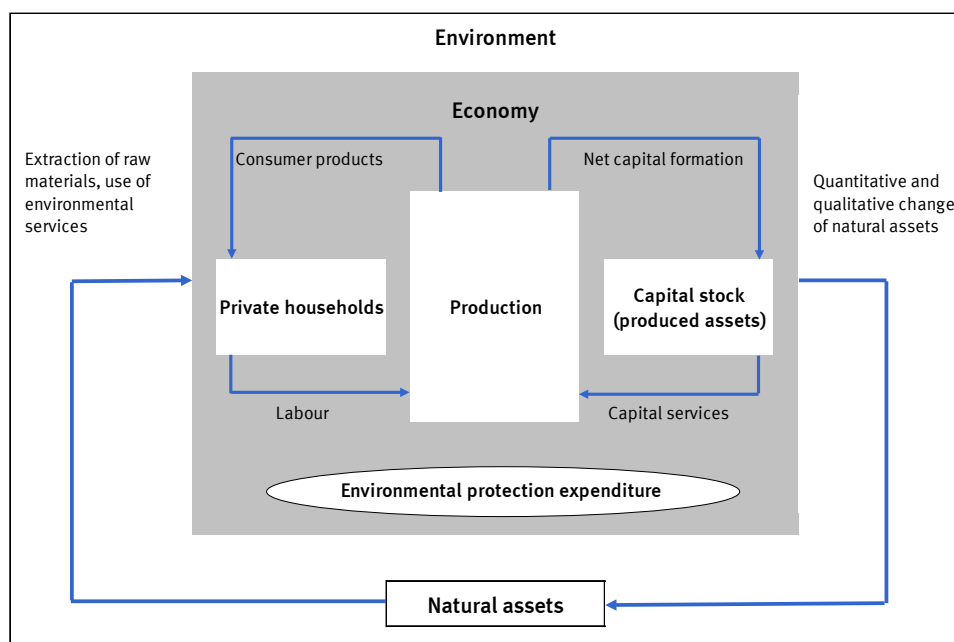
12.8 Defoliation (share of area of foliage damage classes, level 2 - 4)

# 1 Environmental-Economic Accounting of the Federal Statistical Office

Environmental-Economic Accounting (EEA) describes the **interrelationship between the economy and the environment**. For its economic activities, production and consumption an economy not only uses labour and produced assets but also natural assets. Natural assets include raw materials such as sources of energy, ores, other minerals and water as well as land that serves as a location for production, consumption and various leisure activities. These parts of natural assets are used directly. Other components of natural assets are ecosystems and other natural systems such as the atmosphere. They support economic activities by absorbing and eliminating residues and pollutants arising from production and consumption, such as atmospheric emissions, waste and effluent.

Figure 1 shows the interrelationship between economy<sup>1</sup> and environment. On the one hand natural assets are used as input for the economic process. On the other hand the economy discharges residues and pollutants.

Figure 1: Interrelationship economy environment



The use of natural assets – similar to the produced capital stock – generally involves depletion, which means that the burden or **impact on the environment** causes changes in its state and/or natural assets. On the one hand, these changes are of a quantitative nature (e.g. a decreasing amount of non-renewable raw materials); on the other, they have many qualitative aspects (deteriorating air quality due to emissions of pollutants, diminished biodiversity etc.). Attempts are being made to prevent these negative changes with targeted, appropriate environmental protection measures, such as by avoiding environmental burden (e.g. desulphurising flue gas) or remedying damage that has already been done (e.g. cleaning up polluted sites). The interdependencies between the economy and the environment therefore are not restricted to showing the burdens on the environment; in fact the pattern also includes changes to the state of

<sup>1</sup> Both are shown in the simplified form in the diagram.

## 1 Environmental-Economic Accounting of the Federal Statistical Office

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the environment brought about by pollution and the steps taken to avoid it or repair the damage.

The EEA aims to describe all three forms of interdependence between economy and environment – environmental burden, the environmental state and environmental measures. The description of these interdependencies takes as its starting point the fact, mentioned above, that a national economy not only uses labour and capital but also nature. Therefore, the basic idea is to take the commonly accepted definition of a national economy and expand it by a "factor nature". The System of National Accounts (SNA) provides a comprehensive and systematic definition of economic activity. Principally, they show monetary transactions (flows) and assets using standardised classifications. EEA were conceived as a satellite system for the national accounts, the objective of which is to extend the presentation of the economic process by a depiction of the interrelationship between the economic system and the environment. The environmental flows and inventories are almost always presented in physical units. For example, air emissions are expressed in tonnes, energy consumption in Terajoules, area used for transport and settlement purposes (land use) in square metres.

An important feature is the full compatibility of both systems – the national accounts and the EEA. The underlying concepts, definitions, distinctions, and classifications in both systems match as far as this is logically sensible and possible. This also applies and particularly so for the economic classifications used in the EEA and the SNA. Because of these common concepts, definitions, distinctions and classifications the results of the EEA can be linked internally and to the identically categorised SNA data and they can be analysed jointly. Compatibility with the national accounts permits for example to relate the environmental parameters, which are mostly shown in physical units (such as in tonnes), to the economic indices (in euros). Of particular importance here are the data on the efficiency of environmental use, expressed as an arithmetical ratio of the figure of interest (such as raw materials consumption) to the gross value added (GVA) or to the gross domestic product (GDP). With regard to the details of calculating productivities and intensities see the notes on the tables in Part 1.

The concept underlying the EEA is to express the status quo and the change in natural assets in units of money, so as to be able to determine what is known as corrected macro-economic aggregates, such as the ecological domestic product. Particularly insofar as such evaluations do not assess the quantitative decrease of resources, but refer to qualitative changes of other components, they are problematic in many respects with regard to the methods used (valuation/aggregation problems, restricted knowledge about correlation between cause and effect and considerable regional differences). That is why such calculations tend not to be carried out by the Federal Statistical Office but by scientific research institutes. Consequently, when presenting environmental pollution and the state of the environment EEA of the Federal Statistical Office is restricted to physical data.

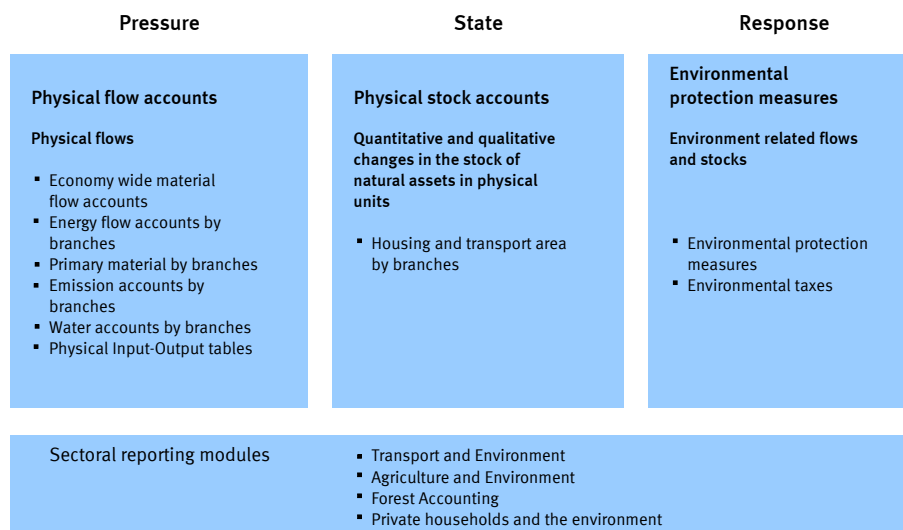
Environmental economic accounts and national accounts describe two dimensions of sustainable development– economy and environment – and their interrelationship. Therefore they provide an important and useful data base for political discussions concerning sustainability.

Figure 2 shows the different reporting **modules of the EEA** of the Federal Statistical Office. They reflect the internationally recognized pressure-state-response model, used to statistically show correlations between the environment and the economy. The **environmental pressures** reporting module shows the material flows listed behind it: the amount of raw materials extracted per year, the amount of pollutants emitted per year etc. This reporting module does not include produced goods or services, but raw materials extracted from nature and residual materials and hazardous substances emitted back into nature. The respective flows for each type of material are booked as

# 1 Environmental-Economic Accounting of the Federal Statistical Office

consolidated quantities, in what is known as the material account, which charts the flows of material between a national economy and both the natural environment and the world's other national economies.

Figure 2: Modules of German Environmental-Economic Accounting



At present, the **state of the environment** reporting module of the German EEA only expresses the component of the natural capital presented by land area. Especially land use by housing and transport are in the focus of this reporting module. Looking at how much land area is used by which economic stakeholder, however, can not be realised for the time being. Landscapes and ecosystems form yet another essential component of the natural capital, which should principally be included by accounting. In Germany these aspect are dealt with by Agency for Nature Protection, not by environmental economic accounts. Displaying the stocks of mineral resources – a third aspect of the natural assets, which may be of great importance for countries rich in raw materials – has a fairly low priority as far as German EEA is concerned and has so far not been considered. A reporting module has so far only been developed for forest.

In the module **environmental protective measures**, components already included in the monetary transactions of the national accounts are shown separately and, as a rule, broken down further. Here, for example, environmentally relevant taxes, such as vehicle tax or fuel tax, are shown. Another important part of environmental protective measures consist of investment and ongoing expenditure for environmental protection in the government and manufacturing industry sectors, as well as privatised public enterprises. Contrary to the physical electric power accounts of the material and energy flow accounts and the physical asset accounts describing the state of the environment, the EEA shows the environmental protective measures in the form of monetary accounts.

The **sectoral reporting modules**, presently used for the transport, agriculture, forestry, and private households sectors, enable extending the EEA standard programme by single items for politically significant topics. For such sectors, these reporting modules provide a much more detailed picture of the complete range of interdependencies between the environment and the economy, across the EEA components mentioned above.

# 1 Environmental-Economic Accounting of the Federal Statistical Office

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Typical of EEA is considering the environmental impact (removing raw materials, land use, services of the environment) of economic activities from two angles: the first question is to what extent an environmental factor enters the economic cycle or is adversely affected in production or consumption of private households. Apart from this it is however also important to know what quantities of environmental factors are being employed and for what final purpose. This second assessment not only assigns directly consumed factor components to a specific category of use (such as the consumption activities of private households), but also those quantities needed to manufacture all the goods consumed by the households (at all stages of the production process) and therefore consumed, as it were, "indirectly" by the households. This contrasting of **direct and indirect parameters** is comparable with the presentation of origin and use in the national accounts, and applies to numerous subjects of EEA.

"Upstream" indirect consumption cannot be derived from the accounting system directly. Allocation takes place through a model approach based on input-output tables (IOT). IOTs are central elements of the national accounts; they include details of the upstream interdependencies between the individual production sectors, to name just one example.

The concept of Environmental Economic Accounts was established and further developed at **international level** by the United Nations, in particular, and adopted in February 2012 as an international statistical standard "System of Integrated Environmental and Economic Accounting (SEEA Central Framework 2012)"<sup>2</sup>. In Germany substantial sections of the environmental economic accounts are drawn up based on these conceptual proposals in the SEEA.

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<sup>2</sup> European Commission/Food and Agriculture Organisation/International Monetary Fund/Organisation for Economic Co-Operation and Development/ United Nations/World Bank (2012): System of Environmental-Economic Accounting – Central Framework, White cover publication, pre-edited text subject to official editing.

## 2 Overview on classification

### 2.1 Classification of homogeneous branches

No.	Branches	Classification of products by activity (CPA) in the European Community	
		Designation	No.
1	Products of agriculture, forestry and fishing	Products of agriculture, forestry and fishing	A
2	Products of agriculture, hunting and related services	Products of agriculture, hunting and related services	01
3	Products of forestry, logging and related services	Products of forestry, logging and related services	02
4	Fish and other fishing products; aquaculture products	Fish and other fishing products; aquaculture products; support services to fishing	03
5	Mining and quarrying	Mining and quarrying	B
6	Coal and lignite	Coal and lignite	05
7	Crude petroleum and natural gas	Crude petroleum and natural gas	06
8	Metal ores, other mining and quarrying products	Metal ores, other mining and quarrying products; mining support services	07 – 09
9	Manufactured products	Manufactured products	C
10	Food products; beverages; tobacco products	Food products; beverages; tobacco products	10 – 12
11	Textiles; wearing apparel; leather and related products	Textiles; wearing apparel; leather and related products	13 – 15
12	Wood and products of wood and cork, except furniture	Wood and products of wood and cork, except furniture; articles of straw and plaiting materials	16
13	Paper and paper products	Paper and paper products	17
14	Printing and recording services	Printing and recording services	18
15	Coke and refined petroleum products	Coke and refined petroleum products	19
16	Coke oven products	Coke oven products	19.1
17	Refined petroleum products	Refined petroleum products	19.2
18	Chemicals and chemical products	Chemicals and chemical products	20
19	Basic pharmaceutical products and pharmaceutical preparations	Basic pharmaceutical products and pharmaceutical preparations	21



## 2 Overview on classification

No.	Branches	Classification of products by activity (CPA) in the European Community	
		Designation	No.
20	Rubber and plastic products	Rubber and plastic products	22
21	Other non-metallic mineral products	Other non-metallic mineral products	23
22	Glass and glass products	Glass and glass products	23.1
23	Refractory products, cut, shaped and finished stone	Refractory products; clay building materials; other porcelain and ceramic products; cement, lime and plaster; articles of concrete, cement and plaster; cut, shaped and finished stone; other non-metallic mineral products	23.2 – 23.9
24	Basic metals	Basic metals	24
25	Basic iron and steel and ferro-alloys, other products of steel	Basic iron and steel and ferro-alloys; tubes, pipes, hollow profiles and related fittings of steel; other products of the first processing of steel	24.1 – 24.3
26	Basic precious and other non-ferrous metals	Basic precious and other non-ferrous metals	24.4
27	Casting services of metal	Casting services of metal	24.5
28	Fabricated metal products, except machinery and equipment	Fabricated metal products, except machinery and equipment	25
29	Computer, electronic and optical products	Computer, electronic and optical products	26
30	Electrical equipment	Electrical equipment	27
31	Machinery and equipment n. e. c.	Machinery and equipment n. e. c.	28
32	Motor vehicles, trailers and semi-trailers	Motor vehicles, trailers and semi-trailers	29
33	Other transport equipment	Other transport equipment	30
34	Furniture, other manufacture goods	Furniture, other manufacture goods	31 – 32
35	Repair and installation services of machinery and equipment	Repair and installation services of machinery and equipment	33
36	Electricity, gas, steam and air conditioning	Electricity, gas, steam and air conditioning	D
37	Electricity, transmission and distribution services, steam	Electricity, transmission and distribution services; steam and air conditioning supply services	35.1, 35.3

## 2 Overview on classification

No.	Branches	Classification of products by activity (CPA) in the European Community	
		Designation	No.
38	Manufactured gas	Manufacture gas; distribution services of gaseous fuels through mains	35.2
39	Water supply; sewerage, waste management and remediation services	Water supply; sewerage, waste management and remediation services	E
40	Natural water; water treatment and supply services	Natural water; water treatment and supply services	36
41	Sewerage services; waste collection and material recovery services	Sewerage services; waste collection and material recovery services	37 – 39
42	Sewerage services, sewerage sludge	Sewerage services, sewerage sludge	37
43	Waste collection, treatment and disposal services	Waste collection, treatment and disposal services; materials recovery services; remediation services and other waste management services	38 – 39
44	Constructions and construction works	Constructions and construction works	F
45	Building and building construction works	Building and building construction works	41 – 42
46	Specialised construction works	Specialised construction works	43
47	Wholesale and retail trade services; repair services of motor vehicles	Wholesale and retail trade services; repair services of motor vehicles and motorcycles	G
48	Wholesale and retail trade and repair services of motor vehicles	Wholesale and retail trade and repair services of motor vehicles and motorcycles	45
49	Wholesale trade services, except of motor vehicles and motorcycles	Wholesale trade services, except of motor vehicles and motorcycles	46
50	Retail trade services, except of motor vehicles and motorcycles	Retail trade services, except of motor vehicles and motorcycles	47
51	Transportation and storage services	Transportation and storage services	H
52	Passenger rail transport services, freight rail transport services	Passenger rail transport services, interurban; freight rail transport services	49.1 – 49.2
53	Other passenger land transport services, transport services via pipeline	Other passenger land transport services; freight transport services by road and removal services; transport services via pipeline	49.3 – 49.5

## 2 Overview on classification

No.	Branches	Classification of products by activity (CPA) in the European Community	
		Designation	No.
54	Water transport services	Water transport services	50
55	Air transport services	Air transport services	51
56	Warehousing and support services for transportation	Warehousing and support services for transportation	52
57	Postal and courier services	Postal and courier services	53
58	Accommodation and food services	Accommodation and food services	I
59	Information and communication services	Information and communication services	J
60	Financial and insurance services	Financial and insurance services	K
61	Real estate services	Real estate services	L
62	Professional, scientific and technical services	Professional, scientific and technical services	M
63	Administrative and support services	Administrative and support services	N
64	Public administration and defence services	Public administration and defence services	O
65	Education services	Education services	P
66	Human health and social work services	Human health and social work services	Q
67	Other services	Arts, entertainment and recreation services; other services; services of households as employers; undifferentiated goods and services produced by households for own use	R – T
68	<b>All homogeneous branches</b>	<b>All homogeneous branches</b>	

## 2 Overview on classification

### 2.2 Classification of industries

No.	Industries	Classification of economic activities, 2008 edition	
		Designation	No.
1	Agriculture, forestry and fishing	Agriculture, forestry and fishing	A
2	Crop and animal production, hunting and related services	Crop and animal production, hunting and related services	01
3	Forestry and logging	Forestry and logging	02
4	Fishing and aquaculture	Fishing and aquaculture	03
5	Mining and quarrying	Mining and quarrying	B
6	Mining of coal and lignite	Mining of coal and lignite	05
7	Extraction of crude petroleum and natural gas	Extraction of crude petroleum and natural gas	06
8	Mining of metal ores, other mining and quarrying	Mining of metal ores; other mining and quarrying; mining support service activities	07 – 09
9	Manufacturing	Manufacturing	C
10	Manufacture of food products, beverages and tobacco products	Manufacture of food products; manufacture of beverages and manufacture tobacco products	10 – 12
11	Manufacture of textiles, wearing apparel, leather	Manufacture of textiles; manufacture of wearing apparel; manufacture of leather and related products	13 – 15
12	Manufacture of wood and products of wood and cork, except furniture	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	16
13	Manufacture of paper and paper products	Manufacture of paper and paper products	17
14	Printing and reproduction of recorded media	Printing and reproduction of recorded media	18
15	Manufacture of coke and refined petroleum products	Manufacture of coke and refined petroleum products	19
16	Manufacture of coke oven products	Manufacture of coke oven products	19.1
17	Manufacture of refined petroleum products	Manufacture of refined petroleum products	19.2
18	Manufacture of chemicals and chemical products	Manufacture of chemicals and chemical products	20

## 2 Overview on classification

No.	Industries	Classification of economic activities, 2008 edition	
		Designation	No.
19	Manufacture of basic pharmaceutical products	Manufacture of basic pharmaceutical products and pharmaceutical preparations	21
20	Manufacture of rubber and plastic products	Manufacture of rubber and plastic products	22
21	Manufacture of other non-mineral products	Manufacture of other non-mineral products	23
22	Manufacture of glass and glass products	Manufacture of glass and glass products	23.1
23	Manufacture of refractory products, cutting, finishing of stone	Manufacture of refractory products; manufacture of clay building materials; manufacture of other porcelain and ceramic products; manufacture of cement, lime and plaster; manufacture of articles of concrete, cement and plaster; cutting, shaping and finishing of stone; manufacture of abrasive products and non-metallic mineral products n. e. c.	23.2 – 23.9
24	Manufacture of basic metals	Manufacture of basic metals	24
25	Iron and steel	Manufacture of basic iron and steel and ferro-alloys; manufacture of tubes, pipes, hollow profiles and related fittings of steel; manufacture of other products of first processing of steel	24.1 – 24.3
26	Manufacture of basic precious and non-ferrous metals	Manufacture of basic precious and other non-ferrous metals	24.4
27	Casting of metals	Casting of metals	24.5
28	Manufacture of fabricated metal products, except machinery	Manufacture of fabricated metal products, except machinery and equipment	25
29	Manufacture of computer, electronic and optical products	Manufacture of computer, electronic and optical products	26
30	Manufacture of electrical equipment	Manufacture of electrical equipment	27
31	Manufacture of machinery and equipment n. e. c.	Manufacture of machinery and equipment n. e. c.	28
32	Manufacture of motor vehicles, trailers and semi-trailers	Manufacture of motor vehicles, trailers and semi-trailers	29

## 2 Overview on classification

No.	Industries	Classification of economic activities, 2008 edition	
		Designation	No.
33	Manufacture of other transport equipment	Manufacture of other transport equipment	30
34	Manufacture of furniture; other manufacturing	Manufacture of furniture; other manufacturing	31 – 32
35	Repair and installation of machinery and equipment	Repair and installation of machinery and equipment	33
36	Electricity, gas, steam and air conditioning supply	Electricity, gas, steam and air conditioning	D
37	Electric power generation, transmission and distribution, steam	Electric power generation, transmission and distribution; steam and air conditioning supply	35.1/ 35.3
38	Manufacture of gas; distribution of gaseous fuels through mains	Manufacture of gas; distribution of gaseous fuels through mains	35.2
39	Water supply, sewerage, waste management and remediation activities	Water supply, sewerage, waste management and remediation activities	E
40	Water collection, treatment and supply	Water collection, treatment and supply	36
41	Sewerage, waste collection, treatment and disposal activities	Sewerage, waste collection, treatment and disposal activities; material recovery; remediation activities and other waste management services	37 – 39
42	Sewerage	Sewerage	37
43	Waste collection, treatment and disposal activities	Waste collection, treatment and disposal activities; material recovery; remediation activities and other waste management services	38 – 39
44	Construction	Construction	F
45	Construction of buildings, civil engineering	Construction of buildings, civil engineering	41 – 42
46	Specialised construction activities	Specialised construction activities	43
47	Wholesale and retail trade; repair of motor vehicles and motorcycles	Wholesale and retail trade; repair of motor vehicles and motorcycles	G
48	Wholesale and retail trade and repair of motor vehicles	Wholesale and retail trade and repair of motor vehicles and motorcycles	45
49	Wholesale trade, except of motor vehicles and motorcycles	Wholesale trade, except of motor vehicles and motorcycles	46

## 2 Overview on classification

No.	Industries	Classification of economic activities, 2008 edition	
		Designation	No.
50	Retail trade, except of motor vehicles and motorcycles	Retail trade, except of motor vehicles and motorcycles	47
51	Transportation and storage	Transportation and storage	H
52	Passenger rail transport, interurban; freight rail transport	Passenger rail transport, interurban; freight rail transport	49.1 – 49.2
53	Other passenger land transport; transport via pipeline	Other passenger land transport; freight transport by road and removal services; transport via pipeline	49.3 – 49.5
54	Water transport	Water transport	50
55	Air transport	Air transport	51
56	Warehousing and support activities for transportation	Warehousing and support activities for transportation	52
57	Postal and courier activities	Postal and courier activities	53
58	Accommodation and food service activities	Accommodation and food service activities	I
59	Information and communication	Information and communication	J
60	Financial and insurance activities	Financial and insurance activities	K
61	Real estate activities	Real estate activities	L
62	Professional, scientific and technical activities	Professional, scientific and technical activities	M
63	Administration and support service activities	Administration and support service activities	N
64	Public administration and defence; compulsory social security	Public administration and defence; compulsory social security	O
65	Education	Education	P
66	Human health and social work activities	Human health and social work activities	Q
67	Other service activities	Arts, entertainment and recreation; other service activities; activities of households and employers; undifferentiated goods and service producing activities of households for own use	R – T
68	<b>All industries</b>	<b>All industries</b>	

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### 3 Abbreviations and symbols

#### Abbreviations – general

NH <sub>3</sub>	=	ammonia
CH <sub>4</sub>	=	methane
CO <sub>2</sub>	=	carbon dioxide
NO <sub>2</sub>	=	nitrogen dioxide
NO <sub>x</sub>	=	nitric oxides (= nitrogen dioxide + nitrogen monoxide)
N <sub>2</sub> O	=	nitrous oxide (= laughing gas)
NMVOG	=	volatile organic compounds (not including methane)
SO <sub>2</sub>	=	sulphur dioxide
SF <sub>6</sub>	=	sulphur hexafluoride
PFCs	=	perfluorocarbons
HFCs	=	hydrofluorocarbons
H <sub>2</sub> O	=	water
NE	=	Non-ferrous metals
No.	=	number
Incl.	=	including
EB	=	Energy balance
EEA	=	Environmental-Economic Accounting
SNA	=	System of National Accounts

#### Abbreviations – units of measure

Equ.	=	equivalent		
EUR	=	Euro		
J	=	Joule	1 J	= 1 watt seconds (Ws)
kJ	=	kilojoules	1 kJ	= 10 <sup>3</sup> J
MJ	=	megajoules	1 MJ	= 10 <sup>6</sup> J
GJ	=	gigajoules	1 GJ	= 10 <sup>9</sup> J
TJ	=	terajoules	1 TJ	= 10 <sup>12</sup> J



### 3 Abbreviations and symbols

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PJ	=	petajoule	1 PJ	=	10 <sup>15</sup> J
Kg	=	kilogram			
t	=	tonnes			
mn	=	million			
bn	=	billion			
MWh	=	megawatt hour			
h	=	hour			
m <sup>3</sup>	=	cubic metre			
%	=	per cent			
m <sup>2</sup>	=	square metre			
km <sup>2</sup>	=	square kilometre			
ha	=	hectare	1 ha	=	10 000 m <sup>2</sup>
t-km	=	ton-kilometre			
p-km	=	passenger-kilometre			
o. b.	=	without bark			

#### Explanation of symbols

0	=	less than half of 1 in the last digit occupied, but more than zero
...	=	data will be available later
X	=	cell blocked for logical reasons
.	=	numerical value unknown or not to be disclosed
-	=	no figures or magnitude zero

Deviations in the totals may occur because of rounding off.

#### Note

Since the release of the tables in 2011 homogeneous branches (WZ 2008) are presented in a break down comparable to the statistical classification of economic activities of the European Community. Until 2010, the tables were calculated according the WZ 1993 respectively on the basis of the WZ 2003.

The intensities are shown in the tables 2011 only for the years from 2000 onwards, as data on gross value added by homogeneous branches after the revision of the national accounts are available only as from the reference year 2000.

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## 4 General Notes

### Chapter 10 Transport and the environment

The data on transportation services are taken from the publication on "Transport in Figures 2016/2017" compiled by the "German Institute of Economic Research" (DIW) in Berlin on behalf of the German Ministry of Transport, Building and Urban Affairs (BMVBS). The information on the final energy consumption of road traffic are taken from the TREMOD (Transport Emission Model) data base of the Institute for Energy and Environmental Research (ifeu) in Heidelberg. The calculated intensity indicators result from division of performance of transport (goods transportation and passenger transportation) by Gross Domestic Product at fixed prices. Intensity of transport are also utilised as Sustainable Development indicators and published in the report of the German Government related to the German Sustainable Development Strategy.

The **tables 10.2 to 10.6** contain data related to road transport.

These are based on details on the average and annual mileage covered by road transport and fuel consumption by road transport as a whole, with breakdown vehicle types and propulsion categories of diesel and Otto engines, published by the German Institute for Economic Research – DIW Berlin. The DIW also works out the average consumption per 100 kilometres of all diesel and Otto engines. At the same time data on the stock of vehicles registered by the *Kraftfahrt Bundesamt* (Federal Motor Transport Authority) in terms of vehicle owners and cubic capacity groups are taken into account. Also data provided by the *Kraftfahrt Bundesamt* on road transportation of goods is considered (**table 10.4.6**). The data from the *Kraftfahrt Bundesamt* and the DIW are available in long time series up to 2015.

The whole data referred to was further processed within the Environmental-Economic Accounting, enabling information on mileages and fuel consumption of both privately used and commercially used vehicles to be determined. The calculation were done separately for Otto and diesel motors. In the case of private cars the results are broken down into six separate cubic capacity classes. Road transport data is shown in time series from 2005 to 2015. Classification into homogeneous branches in this chapter does not employ the usual classification into 68 sectors, but is summarised and broken down into 18 sectors and data for private households. Information on vehicle stocks and the vehicle holders published by the Federal Motor Transport Authority (KBA) for the years to 2008 is classified for 18 owner categories. From 2009 onwards, the KBA changed this to 23 owner categories. This classification is according the above-mentioned Statistical Classification of Products.

The results are presented according the residents concept (national accounts concept). That means i. e. that transport mileages includes the mileage of residents abroad and excludes the mileage of non-residents within the territory (**tables 10.4**). The same applies to the tables for fuel consumption (**tables 10.5**). These includes fuel purchased by residents abroad and exclude domestic purchases by non-residents. **Table 10.5.1** contains a transition from the results according the resident concept to the territorial concept of the energy balance (rows 21 to 26).

The **tables 10.4 and 10.5** additionally include figures for mileages and fuel consumption of vehicles using bio-diesel and bio-ethanol.

The German Institute for Economic Research (DIW) uses data from the freight transport statistics by the Federal Motor Transport Authority (KBA) as a source for mileages in lorry transport. According to the results of a research project "Evaluation und methodische Weiterentwicklung der Güterverkehrsstatistik" (Evaluation and methodical further development of the freight transport statistics), the mileages are

clearly under recorded in the Federal Motor Transport Authority statistics (certain purposes of a trip, such as trips to workshops, etc. are not recorded). However, as these trips also require fuel, a special position “unassigned consumption” is provided by the German Institute for Economic Research for the consumption of diesel fuels in road transport, which contains these (estimated) amounts of consumption. The aim is to archive a calculation of consumption that is consistent with fuel sales.

In the present Environmental-Economic Accounting table volume, this “unassigned consumption” is allocated to lorries. The supplement occurs in the production sector “Transportation and storage services”.

The figures for carbon dioxide emissions (**table 10.6**) are calculated on basis of the figures on fuel consumption by means of emissions factors provided by the Federal Environment Agency (Umweltbundesamt [UBA]) for petrol, diesel-oil and biodiesel fuels. Emissions of vehicles running with natural gas or liquefied petroleum gas are also presented. Additional tables for CO<sub>2</sub> emissions by road transport are presented in part 3 “Air emissions“ of the EEA-Table-Report. Here the most important data source is the TREMOD (Transport Emissions Model)-data base on, which has been established on behalf of UBA for Kyoto protocol reporting.

### Chapter 11 Agriculture and the environment

#### Methodological notes on the calculation of land use of food products of animal origin

Domestic livestock farming needs big areas on the domestic territory and abroad for the cultivation of fodder crops. Besides the domestic land use linked to the cultivation of fodder crops, land use abroad also originates from the import of fodder, of food products and raw materials for the food and fodder industry. The tables in this report shows results of total land use of domestic livestock farming and land use linked to domestic consumption of food products of origin for the period 2000 to 2015<sup>1</sup>.

#### Calculation method

The calculation of land use is done in several steps using a variety of data sources. In the first step the volume of fodder of domestic cattle is determined. The calculation is based on data on domestic production of fodder and import and export data. Data on import and export of fodder are available from the foreign trade statistics of the Federal Statistical Office. Land use related to fodder of domestic origin is estimated by using figures on yields per hectare from the agricultural statistics (harvest statistics). For the calculation of land use of imported fodder data from the FAO database<sup>2</sup> on the cultivation and yield of agricultural commodities are used. In a second step total supply of fodder is allocated to the particular type of animals. Then domestic land use and land use abroad by type of animal is calculated by using special land use coefficients for the domestic territory and countries from abroad.

In order to allow statements on land use of total consumption of food products of animal origin and thereof of particular products an additional calculation is done. Whereas the former calculation concentrates on land use related to domestic animal farming this calculation focuses on land use linked with the production of food of animal origin in a certain period. Thereby fodder consumption and land use for the whole live span of the animals is estimated and related to the volume of food products (meat, sausages, milk, cheese and eggs) produced in certain reporting year.

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<sup>1</sup> More detailed results on land use of food products of plant and animal origin for the period 2000 to 2015 were published in a report in August 2017 available at “destatis.de”.  
[Land Use Of Products](#)

<sup>2</sup> FAO: Food and Agriculture Organization of the United Nations.  
<http://faostat.fao.org/site/567/default.aspx#ancor>

The estimated land use coefficients on the level of commodities are also used in the calculation of land use of domestic consumption. Within this calculation land use of imported products (of animal origin) is added to land use of domestic products whereas land use of exports is subtracted. For exports land use coefficients for domestic production are used. For imports from extra-European countries coefficients from other sources taken, which take into account typical, country specific livestock farming.

### Chapter 12 Forest accounting

The Forest Accounts in the Environmental-Economic Accounting specifically tackle the forestry and observe it from a variety of perspectives in line with the interest of Environmental-Economic Accounting. Until 2013, the structure of the Forest Accounts was based on the manual on Integrated Environmental and Economic Accounting for Forests - IEEAF (European Commission, 2002), which was drafted on the basis of the portrayal method at European level.

The concept served the goal of supplementing the economic data on forestry in the Forestry and National Accounts, using ecological and where possible also social data. At the same time, this was also to provide a framework for a satellite system of forest accounts.

As of 2014, the standard set of tables has been changed to the European Forest Accounts (EFA). EFA replaces the IEEAF and thus also the former forest accounts table from the reporting year 2014. In the course of this conversion, the calculation methods have been revised. The tables published here will be presented from 2014 on, since the data are no longer comparable with previous years due to methodological changes. If required, data from 2002 onwards can be provided upon request.

Both federal forest inventories with the key years 1987, 2002 and 2012, and the Forest Fund Data Storage with the reference year 1993, are used as a physical database for information on the balance of forest area, on the wood supply, on the monetary value of the wood supply and on the carbon content of wood biomass and in the forest ecosystem. The basis for the estimation of the change in forest area are the results of the annual afforestation/forest conversion area survey of the federal states as well as information on the new forest and forest conversion areas of the Federal Forest Inventory 2012. Economic data are derived from the testoperating network of the Federal Ministry of Food and Agriculture and from the Forest Accounts, as well as from the National Accounts. Furthermore, documents from official statistics (for instance on foreign trade) and own estimates and calculations of the Thünen Institute of International Forestry and Forest Economics are used. The database for results on forest damage is based on the national and transnational forest damage reports of the UNECE/EU.

The report “Methodenbeschreibung zum Tabellenrahmen der European Forest Accounts und Ergebnisse der Jahre 2014 und 2015“ provides a detailed description on the methods of forest accounting in Germany and is available on the website <https://www.destatis.de/DE/Publikationen/Thematisch/UmweltoekonomisheGesamtrechnungen/Waldgesamtrechnung5850019159004.html> in German language.

## Glossary

### Transport and the environment

<b>CO<sub>2</sub> emissionen</b>	The anthropogenic emission of carbon dioxide (CO <sub>2</sub> ) is seen as dominant reason for climate change. It results before all from the combustion of fossil fuels.
<b>Intensity of goods transport</b>	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 and local transport by German lorries up to 50 km).
<b>Intensity of passenger transport</b>	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).
<b>Passenger transport services</b>	Passenger transport services are measured in person-kilometres (Pkm). There the number of persons transported is multiplied with the transport distance in kilometres (km).
<b>Share of rail transport and inland freight water transport</b>	Share of rail transport as well as share of inland freight water transport in the total domestic goods transport performance excluding local haulage by German lorries up to 50 km.
<b>Transport</b>	Transport within the Environmental Economic Accounting comprises motorized traffic of persons and goods via land, rivers, sea and air. The usage of mobile vehicles at work like tractors, diggers and forklifts are not included in transport but rather are part of production activities. On the other hand all trips with passenger cars and motor bikes are assigned to transport.
<b>Transport performance</b>	Transport performance is measured in tonne-kilometres (tkm). Within the compilations the volume of transported products in tonnes (t) are multiplied with the transport distance in kilometres (km).
<b>Forest accounting</b>	
<b>Biomass of timber</b>	Comprises living and dead trees and bushes, from those the overground biomass (wood, bark, branches, twigs) as well as roots. Excluded are foliage and needles. The biomass of wood is used as reference figure for the balance of carbon dioxide.
<b>Change of forest area/Clearing</b>	Area withdrawn from forest use which change is subject to approval in Germany. As in the case of forestation area, a consistent statistical reporting on forest conversion is missing.
<b>Forestation area</b>	Formerly otherwise used area now planted by forest plants to produce timber. Generally this takes place on agricultural land. Such new forestation has to be authorized in Germany, but is not registered for the whole country.
<b>Irretrievable losses</b>	All other reductions of the timber stock that are not recorded under the item of removal of timber (fellings from windthrow that can not be removed from the forest, timber lost through forest fires etc.).
<b>Natural stock reduction</b>	Loss of forest area by natural events. This kind of reduction rarely occurs in Germany because of a legal duty to afforestation.
<b>Net increment</b>	Results from gross increment minus the natural losses. The gross increment is the result of the natural growth process which corresponds to the biological production of the forest units. It results from the increase of the inventoried trees with a breast height diameter of at least 7 cm with bark and the ingrowth of trees which exceed this detection limit during the reporting period.

<b>Other changes (area balance)</b>	Changes of the area which do not occur due to human intervention. This position includes succession, natural reduction of stocks and other changes of forest area.
<b>Other changes (timber store)</b>	In this position all other reductions of timber stocks are recorded which are not recorded under the position of removal of timber, especially the wooden biomass from landscape care which was not used. Furthermore, timber which was not used because of natural mortality and timber stock losses because of catastrophes during the reporting period are recorded here (e.g. by forest fires, floods or avalanches).
<b>Removal of timber</b>	Volume of all trees being cut and transported out of the forest during the reporting period (living or dead). This comprises trees being cut in the period before, but being taken out of the forest first in the running period as well as trees, which were taken out during the reporting period because they died or were damaged by natural events.
<b>Revaluation</b>	Changes of the monetary value of timber stocks which do not occur due to volume changes but due to the change of prices between the beginning and the end of the reporting period.
<b>Statistical reclassification</b>	Reclassification of timber stocks from forest available for wood supply to forest not available for wood supply.

Table 10.1: Indicators of the national strategy for sustainability relevant to transport and the environment\*

No.	Specification	Definition	Unit	1999	2000	2005	2006
<b>Transport relevant figures</b>							
1	Final energy consumption in passenger transport.....		2005 = 100	102.5	101.8	100.0	98.6
2	Final energy consumption in passenger transport 2, 3.....		petajoules	1,730.6	1,718.5	1,688.2	1,664.7
3	Final energy consumption per passenger-kilometre.....	(2) : (7)	MJ/pass-km	1.69	1.70	1.62	1.58
4	Passenger transport intensity.....		2005 = 100	104.0	99.7	100.0	97.2
5	Passenger transport intensity.....	(7) : (29)	bn pass-km/EUR bn	0.45	0.43	0.430	0.42
6	Total passenger transport performance of land transport (territorial concept) 4, 5.....		bn pass-km	1,016.6	1,002.3	1,035.0	1,043.4
7	Total passenger transport performance of land transport 2, 4.....		bn pass-km	1,025.6	1,011.8	1,044.5	1,053.3
8	Final energy consumption in freight transport.....		2005 = 100	97.7	95.0	100.0	105.0
9	Final energy consumption in freight transport 6.....		petajoules	495.5	481.9	507.0	532.2
10	Final energy consumption per tonne-kilometre.....	(9) : (13)	MJ/t-km	1.03	0.97	0.90	0.88
11	Intensity of goods transport.....		2005 = 100	90.6	90.6	100.0	104.1
12	Intensity of goods transport.....	(13) : (29)	bn t-km/EUR bn	0.21	0.21	0.23	0.24
13	Total goods transport performance of land transport 4, 7.....		bn t-km	481.9	496.2	563.3	607.9
14	Share of road transport on final energy consumption.....	(16) : (9)	%	91.0	90.6	77.3	81.8
15	Final energy consumption.....		2005 = 100	115.0	111.4	100.0	111.1
16	Final energy consumption 3, 6.....		petajoules	454.3	454.3	463.3	488.2
17	Final energy consumption per tonne-kilometre.....		MJ/t-km	1.33	1.31	1.15	1.12
18	Goods transport performance 4, 8.....		bn t-km	341.7	346.3	402.7	435.7
19	Share of railway transport on final energy consumption.....	(21) : (13)	%	3.9	3.8	3.8	3.7
20	Final energy consumption.....		2005 = 100	100.5	96.1	100.0	103.2
21	Final energy consumption 6.....		petajoules	19.4	18.5	19.3	19.9
22	Final energy consumption per tonne-kilometre.....	(21) : (23)	MJ/t-km	0.25	0.22	0.20	0.19
23	Goods transport performance 4.....		bn t-km	76.8	82.7	95.4	107.0
24	Share of inland water transport on final energy consumption.....	(26) : (13)	%	5.3	5.4	4.3	4.0
25	Final energy consumption.....		2005 = 100	104.0	109.2	100.0	98.8
26	Final energy consumption 6.....		petajoules	25.4	26.7	24.4	24.1
27	Final energy consumption per tonne-kilometre.....	(26) : (28)	MJ/t-km	0.41	0.40	0.38	0.38
28	Goods transport performance (territorial concept).....		bn t-km	62.7	66.5	64.1	64.0
29	Gross domestic product, price-adjusted.....		EUR bn	2,291	2,359	2,427	2,516
30	Gross domestic product, price-adjusted, chain index.....		2005 = 100	94.4	97.2	100.0	103.7
31	Gross domestic product in current prices.....		EUR bn	2,065	2,116	2,301	2,393

\* Status November 2017.

1 Partly preliminary.

2 Including national flights.

3 Trucks > 7.5 t gross vehicle weight..

4 Source: Verkehr in Zahlen (transport in figures) 2016/2017; Editor: Federal Ministry of Transport, Building and Urban Development.

5 Land transport including the following modes of transport: public and commercial road transport, transport by railway and private motorised road transport.

6 Domestic consumption, Source: TREMOD database at the Institut for Energy and Environmental Research (TREMOD = Transport Emission Estimation Model).

7 Domestic transport including the following modes of transport: transport by railway, inland water transport and road transport, not including crude oil transport via pipelines and air transport.

8 Trucks > 3.5 t payload.

Table 10.1: Indicators of the national strategy for sustainability relevant to transport and the environment\*

2007	2008	2009	2010	2011	2012	2013	2014	2015 <sup>1</sup>	No.
<b>97.9</b>	<b>96.6</b>	<b>97.5</b>	<b>97.4</b>	<b>98.0</b>	<b>97.2</b>	<b>96.9</b>	<b>97.6</b>	<b>98.0</b>	1
1,652.1	1,630.9	1,646.0	1,643.6	1,653.6	1,640.8	1,636.3	1,647.4	1,654.7	2
1.57	1.54	1.54	1.53	1.52	1.51	1.49	1.48	1.47	3
<b>94.3</b>	<b>93.9</b>	<b>100.3</b>	<b>96.8</b>	<b>94.4</b>	<b>94.2</b>	<b>94.4</b>	<b>94.4</b>	<b>93.9</b>	4
0.41	0.40	0.43	0.42	0.41	0.41	0.41	0.41	0.40	5
1,043.8	1,050.7	1,059.6	1,064.4	1,075.8	1,079.4	1,088.2	1,104.7	1,117.9	6
1,054.4	1,061.6	1,070.1	1,075.1	1,086.4	1,089.7	1,098.1	1,114.7	1,128.0	7
<b>108.2</b>	<b>106.9</b>	<b>97.8</b>	<b>103.3</b>	<b>105.5</b>	<b>102.8</b>	<b>103.9</b>	<b>106.2</b>	<b>108.1</b>	8
548.5	541.9	495.9	523.6	534.9	521.2	526.9	538.7	547.8	9
0.86	0.85	0.87	0.86	0.88	0.87	0.85	0.86	0.87	10
<b>105.2</b>	<b>104.8</b>	<b>98.8</b>	<b>102.1</b>	<b>98.4</b>	<b>96.3</b>	<b>98.3</b>	<b>97.9</b>	<b>97.4</b>	11
0.24	0.24	0.23	0.24	0.23	0.22	0.23	0.23	0.23	12
634.7	638.7	568.2	611.6	611.0	600.6	616.4	623.7	630.9	13
76.5	76.5	74.3	74.0	71.1	69.9	68.8	65.0	64.7	14
<b>107.1</b>	<b>105.8</b>	<b>94.0</b>	<b>98.8</b>	<b>97.0</b>	<b>93.0</b>	<b>92.4</b>	<b>89.4</b>	<b>90.4</b>	15
504.4	498.6	459.3	482.7	494.5	482.0	486.9	499.6	508.6	16
1.11	1.09	1.11	1.10	1.12	1.12	1.10	1.11	1.11	17
454.1	457.6	415.6	440.6	442.6	432.0	443.7	451.9	459.0	18
<b>3.6</b>	<b>3.6</b>	<b>3.3</b>	<b>3.5</b>	<b>3.5</b>	<b>3.5</b>	<b>3.6</b>	<b>3.3</b>	<b>3.3</b>	19
<b>103.8</b>	<b>102.0</b>	<b>84.3</b>	<b>96.0</b>	<b>98.3</b>	<b>95.2</b>	<b>98.3</b>	<b>92.2</b>	<b>94.4</b>	20
20.0	19.6	16.2	18.5	18.9	18.3	18.9	17.8	18.2	21
0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	22
114.6	115.7	95.8	107.3	113.3	110.1	112.6	112.6	116.6	23
<b>3.8</b>	<b>3.7</b>	<b>3.6</b>	<b>3.7</b>	<b>3.5</b>	<b>3.5</b>	<b>3.4</b>	<b>3.4</b>	<b>3.3</b>	24
<b>98.8</b>	<b>96.8</b>	<b>82.9</b>	<b>91.4</b>	<b>87.7</b>	<b>85.2</b>	<b>86.6</b>	<b>87.3</b>	<b>86.3</b>	25
24.2	23.7	20.3	22.3	21.4	20.8	21.2	21.3	21.1	26
0.37	0.37	0.37	0.36	0.39	0.36	0.35	0.36	0.38	27
64.7	64.1	55.5	62.3	55.0	58.5	60.1	59.1	55.3	28
2,598	2,627	2,479	2,580	2,674	2,688	2,701	2,744	2,791	29
107.1	108.2	102.2	106.3	110.2	110.8	111.3	113.5	115.4	30
2,513	2,562	2,460	2,580	2,703	2,758	2,826	2,932	3,044	31



Table 10.2.1: Stocks, vehicle mileages, fuel consumption and CO<sub>2</sub> emissions of cars\*

No.	Specification	2005	2010	2014	2015	2015 as against 2005	2015 as against 2014	Annual change in	
								2015 as against 2005	2015 as against 2014
		<b>1,000</b>						<b>in percent</b>	
1	Total stock 1.....	45,634	41,811	43,828	44,515	97.5	101.6	-0.2	1.6
2	diesel cars.....	9,593	11,267	13,861	14,532	151.5	104.8	5.1	4.8
3	gasoline cars 2.....	36,041	30,545	29,966	29,983	83.2	100.1	-1.7	0.1
4	Stock of private households 3.....	41,265	37,799	39,319	39,856	96.6	101.4	-0.3	1.4
5	Stock of cars > 1,600 ccm.....	20,200	17,703	17,622	17,643	87.3	100.1	-1.3	0.1
6	Share on total stock.....	49	47	45	44	-	-	-	-
7	diesel cars.....	7,207	8,711	10,882	11,405	158.3	104.8	5.8	4.8
8	gasoline cars.....	34,058	29,088	28,437	28,451	83.5	100.0	-1.6	0.0
		<b>1,000 km</b>							
9	Average vehicle mileage total 1.....	12.7	14.0	14.0	14.0	110.4	99.9	1.0	-0.1
10	diesel cars.....	19.5	21.1	20.5	20.3	104.1	99.0	0.4	-1.0
11	gasoline cars.....	10.9	11.4	11.0	10.9	100.8	99.5	0.1	-0.5
12	Average vehicle mileage of private households 1.....	11.7	12.9	12.7	12.7	109.2	100.1	0.9	0.1
13	diesel cars.....	17.1	18.7	18.1	17.9	104.6	98.8	0.5	-1.2
14	gasoline cars.....	10.5	11.2	10.7	10.7	101.5	100.0	0.2	0.0
		<b>mn km</b>							
15	Vehicle mileages total.....	577,778	587,116	613,258	622,313	107.7	101.5	0.8	1.5
16	diesel cars.....	186,721	237,700	283,675	294,336	157.6	103.8	5.8	3.8
17	gasoline cars.....	391,058	349,416	329,582	327,978	83.9	99.5	-1.6	-0.5
18	Vehicle mileages of private households.....	481,948	487,512	500,865	508,145	105.4	101.5	0.5	1.5
19	diesel cars.....	123,325	162,672	197,055	204,052	165.5	103.6	6.5	3.6
20	gasoline cars.....	358,624	324,840	303,810	304,093	84.8	100.1	-1.5	0.1
		<b>litre / 100 km</b>							
21	Specific consumption.....	7.8	7.5	7.3	7.3	93.0	99.2	-0.7	-0.8
22	diesel cars.....	6.8	6.8	6.8	6.8	99.7	100.0	0.0	0.0
23	gasoline cars.....	8.3	7.9	7.8	7.8	93.8	100.0	-0.6	0.0
		<b>mn litres</b>							
24	Total consumption.....	45,260	43,873	45,006	45,324	100.1	100.7	0.0	0.7
25	diesel cars.....	12,740	16,149	19,293	20,020	157.1	103.8	5.7	3.8
26	gasoline cars.....	32,520	27,724	25,712	25,304	77.8	98.4	-2.2	-1.6
27	Consumption of private households 3.....	38,239	36,824	37,101	37,338	97.6	100.6	-0.2	0.6
28	diesel cars.....	8,414	11,052	13,401	13,878	164.9	103.6	6.5	3.6
29	gasoline cars.....	29,825	25,773	23,700	23,460	78.7	99.0	-2.1	-1.0
		<b>1,000 tonnes</b>							
30	Total consumption.....	35,030	34,278	35,394	35,694	101.9	100.8	0.2	0.8
31	diesel cars.....	10,634	13,480	16,105	16,711	157.1	103.8	5.7	3.8
32	gasoline cars.....	24,396	20,798	19,289	18,983	77.8	98.4	-2.2	-1.6
33	Consumption of private households 3.....	31,419	30,023	30,475	30,567	97.3	100.3	-0.3	0.3
34	diesel cars.....	7,023	9,225	11,186	11,584	164.9	103.6	6.5	3.6
35	gasoline cars.....	24,396	20,798	19,289	18,983	77.8	98.4	-2.2	-1.6
		<b>1,000 tonnes CO<sub>2</sub></b>							
36	CO <sub>2</sub> emissions of total cars 4.....	107,842	103,181	107,022	106,748	99.0	99.7	-0.1	-0.3
37	diesel cars.....	31,849	40,168	48,056	50,085	157.3	104.2	5.7	4.2
38	gasoline cars.....	75,993	63,013	58,966	56,663	74.6	96.1	-2.5	-3.9
39	CO <sub>2</sub> emissions of cars of private households 3, 4.....	93,137	88,216	89,439	88,895	95.4	99.4	-0.5	-0.6
40	diesel cars.....	22,551	29,253	35,406	37,008	164.1	104.5	6.4	4.5
41	gasoline cars.....	70,295	58,963	54,033	51,887	73.8	96.0	-2.6	-4.0

\* Residents concept.

1 Vehicle fleet from 2007 onwards without vehicles temporarily deregistered. Therefore fleet data and figures for average mileage of vehicles are not fully comparable over time.

2 Including vehicles with "other engines" but without gas-driven vehicles.

3 In line with the consumption approach mileage and fuel consumption of rented cars are attributed to private households. For consistency reasons the corresponding number of rented vehicles is attributed to private households also. Mileage and fuel consumption of company cars privately used are not included.

4 Not including bio-diesel.

Table 10.2.2: Stocks, vehicle mileages, fuel consumption and CO<sub>2</sub> emissions of lorries\*

No.	Specification	Unit	2005	2010	2014	2015	2015 as against 2005	2015 as against 2014	Annual change in	
									2015 as against 2005	2015 as against 2014
							<b>in percent</b>			
1	Total stock.....	1,000	2,761	2,596	2,861	2,966	107.5	103.7	0.7	3.7
2	Average vehicle mileage total.....	1,000 km per lorry	26.3	29.6	28.8	28.6	109.0	99.5	0.9	-0.5
3	Vehicle mileage total.....	mn km	72,494	76,924	82,297	84,900	117.1	103.2	1.7	3.2
4	Specific fuel consumption.....	litre / 100 km	24.7	24.4	22.6	22.5	91.0	99.5	-0.9	-0.5
5	Total fuel consumption.....	mn litres	17,926	18,743	18,626	19,109	106.6	102.6	0.7	2.6
6	Total fuel consumption.....	1,000 tonnes	14,937	15,627	15,531	15,934	106.7	102.6	0.7	2.6
7	CO <sub>2</sub> emissions of total lorries.....	1,000 tonnes CO <sub>2</sub>	48,680	49,761	49,156	49,705	102.1	101.1	0.2	1.1

\* Lorries include: lorries, trucks and trailers and light duty vehicles.

Table 10.3.1: Stocks by vehicle categories and sectors, motor gasoline\*  
1,000

No.	No. (KBA)	Owner categories	Total	Cars	Other traction engine <sup>1,2</sup>	Light duty vehicles	Motorcycles <sup>2,3</sup>	Other
<b>01.01.2010</b>								
1	1	Agriculture, forestry and fishing.....	27,610	17,497	6,094	939	2,564	516
2	2	Mining and quarrying.....	2,512	2,073	7	254	76	103
3	3	Manufacturing.....	182,267	169,421	68	7,265	4,551	962
4	4	Electricity, gas, steam and air conditioning supply.....	14,362	10,505	9	3,522	121	205
5	5	Water supply; sewerage, waste management.....	13,856	9,901	23	2,429	221	1,282
6	6	Construction.....	67,398	56,350	45	7,402	2,594	1,007
7	7	Wholesale and retail trade; repair of motor vehicles....	310,480	284,852	72	7,931	15,731	1,895
8	8	Transportation and storage.....	40,000	33,677	41	2,107	3,423	752
9	9	Hotel and restaurant industries.....	23,370	21,607	12	992	730	29
10	10	Information and communication.....	5,529	4,970	1	414	93	52
11	11	Financial and insurance activities.....	15,238	14,630	5	193	391	19
12	12	Real estate activities.....	911	857	0	43	8	3
13	13	Professional, scientific and technical activities.....	1,896	1,827	0	29	38	2
14	14	Administrative and support service activities.....	65,722	60,615	26	2,516	2,198	367
15	15	Rental services of vehicles.....	85,458	84,845	1	95	424	93
16	16	Public administration and defence.....	64,289	45,075	251	6,102	3,957	8,904
17	17	Education.....	3,558	2,095	1	62	1,395	5
18	18	Human health and social work activities.....	80,204	76,881	16	1,193	1,821	293
19	19	Arts, entertainment and recreation services.....	9,717	7,256	14	310	2,074	63
20	20	Other service activities.....	647,175	582,535	301	31,459	27,043	5,837
21	21	Extra-territorial organizations and bodies.....	2,625	2,454	2	98	37	34
22	22	Employees and economically inactive population.....	<b>33,191,661</b>	<b>29,406,018</b>	<b>7,270</b>	<b>85,251</b>	<b>3,688,892</b>	<b>4,230</b>
23	23	Unknown.....	50,968	23,713	6	23,040	4,179	30
24		<b>Total.....</b>	<b>34,906,808</b>	<b>30,919,654</b>	<b>14,264</b>	<b>183,646</b>	<b>3,762,561</b>	<b>26,683</b>
<b>01.01.2015</b>								
25	1	Agriculture, forestry and fishing.....	25,016	12,358	9,025	704	2,379	550
26	2	Mining and quarrying.....	1,454	1,187	10	122	69	66
27	3	Manufacturing.....	201,152	188,751	130	5,197	6,366	707
28	4	Electricity, gas, steam and air conditioning supply.....	11,208	8,294	22	2,368	353	171
29	5	Water supply; sewerage, waste management.....	7,753	5,395	34	1,283	219	823
30	6	Construction.....	63,164	53,218	89	5,795	3,283	779
31	7	Wholesale and retail trade; repair of motor vehicles....	342,144	317,068	144	5,641	17,919	1,372
32	8	Transportation and storage.....	36,009	31,417	75	1,024	2,956	537
33	9	Hotel and restaurant industries.....	24,450	22,515	20	968	922	25
34	10	Information and communication.....	11,744	11,046	2	261	407	28
35	11	Financial and insurance activities.....	17,180	16,459	7	174	528	12
36	12	Real estate activities.....	11,423	10,473	8	641	272	30
37	13	Professional, scientific and technical activities.....	25,858	24,597	3	218	1,025	15
38	14	Administrative and support service activities.....	75,948	67,841	78	3,072	4,419	538
39	15	Rental services of vehicles.....	78,284	77,066	5	59	1,062	92
40	16	Public administration and defence.....	49,070	32,991	415	5,318	3,890	6,457
41	17	Education.....	5,936	3,321	3	96	2,511	5
42	18	Human health and social work activities.....	107,650	103,930	31	1,347	2,030	311
43	19	Arts, entertainment and recreation services.....	8,073	6,454	26	234	1,317	42
44	20	Other service activities.....	498,119	446,546	512	21,021	26,416	3,624
45	21	Extra-territorial organizations and bodies.....	3,872	3,486	13	172	81	120
46	22	Employees and economically inactive population.....	<b>32,540,009</b>	<b>28,386,859</b>	<b>15,779</b>	<b>68,525</b>	<b>4,065,881</b>	<b>2,965</b>
47	23	Unknown.....	16,230	13,234	6	92	2,877	21
48		<b>Total.....</b>	<b>34,161,744</b>	<b>29,844,506</b>	<b>26,436</b>	<b>124,332</b>	<b>4,147,182</b>	<b>19,288</b>

Table 10.3.1: Stocks by vehicle categories and sectors, motor gasoline\*

1,000

No.	No. (KBA)	Owner categories	Total	Cars	Other traction engine <sup>1,2</sup>	Light duty vehicles	Motorcycles <sup>2,3</sup>	Other
<b>01.01.2016</b>								
49	1	Agriculture, forestry and fishing.....	24,520	11,669	9,326	676	2,300	549
50	2	Mining and quarrying.....	1,346	1,099	11	110	65	61
51	3	Manufacturing.....	210,133	197,917	139	5,074	6,327	676
52	4	Electricity, gas, steam and air conditioning supply.....	12,863	9,907	24	2,401	350	181
53	5	Water supply; sewerage, waste management.....	7,424	5,172	35	1,219	218	780
54	6	Construction.....	63,121	53,208	98	5,730	3,342	742
55	7	Wholesale and retail trade; repair of motor vehicles....	344,505	320,564	155	5,549	16,934	1,303
56	8	Transportation and storage.....	35,080	30,602	78	1,022	2,870	508
57	9	Hotel and restaurant industries.....	25,106	23,111	21	991	959	24
58	10	Information and communication.....	12,456	11,732	3	261	435	25
59	11	Financial and insurance activities.....	17,895	17,159	7	168	549	12
60	12	Real estate activities.....	12,579	11,500	9	723	317	30
61	13	Professional, scientific and technical activities.....	29,270	27,756	3	250	1,244	17
62	14	Administrative and support service activities.....	75,127	67,126	85	3,107	4,293	516
63	15	Rental services of vehicles.....	79,387	78,348	5	67	878	89
64	16	Public administration and defence.....	47,749	32,014	440	5,313	3,875	6,107
65	17	Education.....	6,479	3,598	3	106	2,767	5
66	18	Human health and social work activities.....	115,693	111,857	34	1,410	2,079	314
67	19	Arts, entertainment and recreation services.....	7,844	6,318	28	242	1,216	39
68	20	Other service activities.....	496,832	445,517	544	20,461	26,954	3,356
69	21	Extra-territorial organizations and bodies.....	3,937	3,527	15	183	87	125
70	22	Employees and economically inactive population.....	<b>32,593,112</b>	<b>28,356,692</b>	<b>17,534</b>	<b>67,536</b>	<b>4,148,530</b>	<b>2,821</b>
71	23	Unknown.....	13,657	11,011	9	87	2,527	23
72		<b>Total.....</b>	<b>34,236,117</b>	<b>29,837,404</b>	<b>28,607</b>	<b>122,686</b>	<b>4,229,116</b>	<b>18,304</b>

\* Sources: National vehicle registration office (Kraftfahrtbundesamt, figures from the beginning of the year (first of January), Institut for Energy and Environmental Research (IFEU): TREMOD database.

1 Drawing vehicles without semitrailers and agriculture trucks.

2 Allocation on vehicle owners according the stocks of other trailers, motor bikes and other vehicles.

3 Without mopeds. Incl. other propulsion types.

Table 10.3.2: Stocks by vehicle categories and sectors, gas-diesel oil\*  
1,000

No.	No. (KBA)	Owner categories	Total	Cars	Trucks <sup>1</sup>	Semi-trailer trucks	Other traction engine <sup>2,3</sup>	Light duty vehicles	Buses <sup>4</sup>	Other
<b>01.01.2010</b>										
1	1	Agriculture, forestry and fishing.....	295,984	22,403	3,851	1,361	240,896	22,884	55	4,534
2	2	Mining and quarrying.....	14,384	6,298	1,675	537	263	4,681	28	902
3	3	Manufacturing.....	559,879	393,697	20,213	6,426	2,697	127,968	428	8,450
4	4	Electricity, gas, steam and air conditioning supply.....	40,350	18,023	801	84	357	18,838	442	1,805
5	5	Water supply; sewerage, waste management.....	58,000	15,681	9,175	1,378	895	18,971	634	11,266
6	6	Construction.....	367,915	143,861	24,930	4,851	1,771	183,578	71	8,853
7	7	Wholesale and retail trade; repair of motor vehicles....	555,391	346,601	34,313	15,172	2,835	137,792	2,030	16,648
8	8	Transportation and storage.....	401,761	112,643	58,002	83,333	1,637	91,944	47,596	6,607
9	9	Hotel and restaurant industries.....	26,114	18,750	295	54	463	6,249	46	257
10	10	Information and communication.....	46,603	35,310	406	193	33	10,117	91	453
11	11	Financial and insurance activities.....	40,422	38,839	168	27	195	1,018	12	163
12	12	Real estate activities.....	1,347	986	8	7	9	314	0	23
13	13	Professional, scientific and technical activities.....	3,410	3,012	6	8	7	362	2	13
14	14	Administrative and support service activities.....	141,632	96,360	4,050	2,056	1,018	34,029	891	3,228
15	15	Rental services of vehicles.....	138,840	98,024	3,459	4,971	56	31,321	192	817
16	16	Public administration and defence.....	227,111	82,055	8,463	161	9,918	47,081	1,189	78,244
17	17	Education.....	5,501	4,771	89	21	31	502	41	45
18	18	Human health and social work activities.....	83,699	71,076	449	35	615	8,680	268	2,575
19	19	Arts, entertainment and recreation services.....	15,491	11,362	263	253	559	2,377	122	555
20	20	Other service activities.....	1,702,935	1,047,734	67,109	31,667	11,884	476,854	16,394	51,292
21	21	Extra-territorial organizations and bodies.....	2,819	1,740	84	13	79	579	22	302
22	22	Employees and economically inactive population.....	<b>9,347,271</b>	<b>8,239,129</b>	<b>36,270</b>	<b>18,263</b>	<b>287,381</b>	<b>723,225</b>	<b>5,830</b>	<b>37,173</b>
23	23	Unknown.....	10,954	9,518	122	40	225	734	49	266
24		<b>Total.....</b>	<b>14,087,812</b>	<b>10,817,873</b>	<b>274,201</b>	<b>170,911</b>	<b>563,825</b>	<b>1,950,098</b>	<b>76,433</b>	<b>234,471</b>
<b>01.01.2015</b>										
25	1	Agriculture, forestry and fishing.....	239,014	24,228	4,865	1,878	180,046	21,239	41	6,717
26	2	Mining and quarrying.....	12,783	5,981	1,540	648	209	3,481	35	890
27	3	Manufacturing.....	670,122	487,588	26,834	8,481	2,598	134,627	608	9,387
28	4	Electricity, gas, steam and air conditioning supply.....	66,716	27,756	2,046	142	434	33,590	584	2,164
29	5	Water supply; sewerage, waste management.....	52,722	15,876	6,951	1,434	668	16,230	405	11,158
30	6	Construction.....	460,777	183,663	35,425	5,762	1,767	223,735	66	10,359
31	7	Wholesale and retail trade; repair of motor vehicles....	654,858	433,172	36,720	17,403	2,883	144,996	1,466	18,218
32	8	Transportation and storage.....	453,042	154,848	42,524	98,013	1,492	96,380	52,618	7,167
33	9	Hotel and restaurant industries.....	35,997	26,113	567	45	395	8,532	37	308
34	10	Information and communication.....	66,791	53,591	470	172	46	12,063	52	397
35	11	Financial and insurance activities.....	56,455	53,423	143	44	142	2,522	3	178
36	12	Real estate activities.....	20,195	13,432	383	39	152	5,825	9	354
37	13	Professional, scientific and technical activities.....	52,627	47,237	266	51	59	4,834	8	172
38	14	Administrative and support service activities.....	256,999	171,062	8,568	8,161	1,555	59,160	1,974	6,519
39	15	Rental services of vehicles.....	176,057	132,543	7,175	4,604	98	30,282	247	1,108
40	16	Public administration and defence.....	247,789	97,015	13,206	181	8,276	42,363	1,116	85,631
41	17	Education.....	9,962	8,870	156	28	59	732	50	67
42	18	Human health and social work activities.....	118,624	101,308	1,589	54	625	10,927	251	3,870
43	19	Arts, entertainment and recreation services.....	17,540	13,077	467	289	511	2,492	150	553
44	20	Other service activities.....	1,587,424	993,166	71,574	28,758	10,209	420,558	13,524	49,634
45	21	Extra-territorial organizations and bodies.....	7,691	4,270	349	20	261	1,349	27	1,415
46	22	Employees and economically inactive population.....	<b>12,007,946</b>	<b>10,809,938</b>	<b>62,810</b>	<b>16,845</b>	<b>314,785</b>	<b>759,488</b>	<b>4,459</b>	<b>39,620</b>
47	23	Unknown.....	9,390	8,320	85	33	126	541	18	267
48		<b>Total.....</b>	<b>17,281,519</b>	<b>13,866,477</b>	<b>324,712</b>	<b>193,085</b>	<b>527,397</b>	<b>2,035,946</b>	<b>77,748</b>	<b>256,154</b>

Table 10.3.2: Stocks by vehicle categories and sectors, gas-diesel oil\*  
1,000

No.	No. (KBA)	Owner categories	Total	Cars	Trucks <sup>1</sup>	Semi-trailer trucks	Other traction engine <sup>2,3</sup>	Light duty vehicles	Buses <sup>4</sup>	Other
<b>01.01.2016</b>										
49	1	Agriculture, forestry and fishing.....	230,010	24,371	4,704	1,785	169,791	21,829	52	7,478
50	2	Mining and quarrying.....	12,995	6,155	1,504	666	199	3,540	37	894
51	3	Manufacturing.....	674,178	488,545	26,187	8,539	2,534	138,241	509	9,623
52	4	Electricity, gas, steam and air conditioning supply.....	69,492	28,562	2,174	148	439	35,264	578	2,327
53	5	Water supply; sewerage, waste management.....	52,957	16,021	6,992	1,488	641	16,304	320	11,191
54	6	Construction.....	482,174	190,559	36,107	5,968	1,785	237,089	67	10,599
55	7	Wholesale and retail trade; repair of motor vehicles....	681,352	451,891	36,801	17,938	2,816	151,797	1,447	18,662
56	8	Transportation and storage.....	468,191	159,470	42,987	102,080	1,411	100,996	53,942	7,304
57	9	Hotel and restaurant industries.....	38,264	27,551	594	52	377	9,311	40	339
58	10	Information and communication.....	68,484	54,688	501	136	50	12,683	47	379
59	11	Financial and insurance activities.....	57,668	54,445	146	79	129	2,705	4	160
60	12	Real estate activities.....	24,029	15,599	485	55	173	7,307	8	403
61	13	Professional, scientific and technical activities.....	60,777	54,423	306	54	63	5,717	16	198
62	14	Administrative and support service activities.....	262,543	172,573	8,835	7,986	1,544	62,325	1,966	7,314
63	15	Rental services of vehicles.....	180,112	134,882	7,168	4,416	95	32,079	215	1,258
64	16	Public administration and defence.....	252,693	99,079	13,086	178	8,005	43,416	1,103	87,827
65	17	Education.....	10,930	9,717	172	29	63	824	59	67
66	18	Human health and social work activities.....	125,910	107,463	1,632	54	615	11,663	248	4,235
67	19	Arts, entertainment and recreation services.....	18,063	13,465	450	300	517	2,615	143	573
68	20	Other service activities.....	1,625,514	1,018,162	69,925	29,803	9,910	435,227	13,192	49,295
69	21	Extra-territorial organizations and bodies.....	8,291	4,518	364	19	280	1,451	30	1,629
70	22	Employees and economically inactive population.....	<b>12,640,927</b>	<b>11,402,204</b>	<b>62,395</b>	<b>16,958</b>	<b>319,221</b>	<b>795,324</b>	<b>4,495</b>	<b>40,329</b>
71	23	Unknown.....	9,042	7,688	110	71	167	680	42	284
72		<b>Total.....</b>	<b>18,054,597</b>	<b>14,542,031</b>	<b>323,626</b>	<b>198,802</b>	<b>520,824</b>	<b>2,128,387</b>	<b>78,560</b>	<b>262,367</b>

\* Sources: National vehicle registration office (Kraftfahrtbundesamt, figures from the beginning of the year (first of January), Institut for Energy and Environmental Research (IFEU): TREMOD database.

1 Trucks > 3,5 t payload. Since 2013 trucks > 3,5 t total weight.

2 Drawing vehicles without semitrailers and agriculture trucks.

3 Allocation on vehicle owners according the stocks of other trailers, motor bikes and other vehicles.

4 Including other propulsion types.

Table 10.4.1: Vehicle mileages in road transport total\*  
mn km

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008 <sup>2</sup>	2009 <sup>2</sup>	2010
1	A	Products of agriculture, forestry and fishing.....	5,351	5,478	5,551	5,585	5,853	5,947
2	B	Mining and quarrying.....	534	529	470	445	449	400
3	C	Manufactured products.....	18,332	19,463	18,729	17,977	18,495	19,194
4	D	Electricity, gas, steam and air conditioning.....	979	1,044	1,082	1,170	1,567	1,755
5	E	Water supply; sewerage, waste management and remediation services.....	8,445	9,642	9,766	10,098	9,911	9,425
6	F	Constructions and construction works.....	9,599	9,735	9,364	9,462	8,849	9,299
7	G	Wholesale and retail trade services; repair services of motor vehicles and motorcycles.....	27,895	28,798	28,611	26,882	25,886	26,861
8	H	Transportation and storage services.....	31,109	32,876	33,882	33,972	30,080	31,032
9	I	Accommodation and food services.....	1,092	1,123	1,027	1,068	1,023	1,078
10	J	Information and Communication services.....	7,373	7,441	7,220	7,505	5,298	5,033
11	K	Financial and insurance services.....	1,165	1,291	1,212	1,263	1,343	1,454
12	L	Real estate services.....	3,017	3,304	3,155	3,177	3,153	3,169
13	M	Professional, scientific and technical services.....	22,805	25,142	25,015	26,583	26,548	25,696
14	N	Administrative and support services.....	1,885	1,256	1,686	1,780	967	1,144
15	O	Public administration and defence services; compulsory social security services.....	4,822	5,103	5,046	5,284	5,327	5,450
16	P	Education services.....	413	448	459	490	470	494
17	Q	Human health and social work services.....	3,167	1,078	2,568	2,828	3,123	3,403
18	R-T	Other services.....	12,081	13,054	12,999	13,907	13,583	13,075
19		<b>All homogeneous branches.....</b>	<b>160,065</b>	<b>166,806</b>	<b>167,840</b>	<b>169,477</b>	<b>161,925</b>	<b>163,910</b>
20		Private households.....	523,832	519,490	520,244	513,001	525,038	528,149
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>683,897</b>	<b>686,295</b>	<b>688,084</b>	<b>682,478</b>	<b>686,963</b>	<b>692,059</b>

\* Including kilometrage under utilization of petro, bio-ethanol, gasoline and bio-gasoline,  
excluding kilometrage with "other engines" but without gas-driven vehicles.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

Table 10.4.1: Vehicle mileages in road transport total\*  
mn km

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>3</sup>	2015 <sup>3</sup>
1	A	Products of agriculture, forestry and fishing.....	6,180	6,359	6,580	6,805	7,017
2	B	Mining and quarrying.....	625	422	418	433	427
3	C	Manufactured products.....	20,341	21,507	21,196	22,634	22,707
4	D	Electricity, gas, steam and air conditioning.....	1,671	1,738	1,772	1,884	1,962
5	E	Water supply; sewerage, waste management and remediation services.....	9,306	8,865	8,715	9,008	9,084
6	F	Constructions and construction works.....	10,222	10,616	10,877	11,585	12,024
7	G	Wholesale and retail trade services; repair services of motor vehicles and motorcycles.....	27,831	28,508	28,301	29,809	30,524
8	H	Transportation and storage services.....	31,095	30,752	32,753	36,093	37,185
9	I	Accommodation and food services.....	1,154	1,237	1,244	1,333	1,372
10	J	Information and Communication services.....	6,314	6,793	6,688	7,023	7,123
11	K	Financial and insurance services.....	1,599	1,711	1,688	1,856	1,890
12	L	Real estate services.....	3,233	3,363	3,375	3,642	3,779
13	M	Professional, scientific and technical services.....	25,363	25,427	25,040	26,718	27,178
14	N	Administrative and support services.....	1,302	1,468	1,482	1,590	1,602
15	O	Public administration and defence services; compulsory social security services.....	5,384	5,505	5,468	5,711	5,805
16	P	Education services.....	520	552	543	593	628
17	Q	Human health and social work services.....	3,692	4,004	3,986	4,324	4,555
18	R-T	Other services.....	12,779	12,493	12,264	12,988	13,269
19		<b>All homogeneous branches.....</b>	<b>168,611</b>	<b>171,322</b>	<b>172,389</b>	<b>184,029</b>	<b>188,130</b>
20		Private households.....	535,156	533,106	538,203	541,487	549,601
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>703,767</b>	<b>704,428</b>	<b>710,591</b>	<b>725,516</b>	<b>737,731</b>

\* Including kilometrage under utilization of petro, bio-ethanol, gasoline and bio-gasoline,  
excluding kilometrage with "other engines" but without gas-driven vehicles.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.



Table 10.4.2: Vehicle mileages by vehicle categories by homogeneous branches - motor gasoline vehicles\*  
mn km

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trailers and buses	Light duty vehicles	Motor-cycles	Other
<b>2005</b>								
1	A	Products of agriculture, forestry and fishing.....	326	258	30	19	13	5
2	B	Mining and quarrying.....	88	81	0	5	1	1
3	C	Manufactured products.....	4,680	4,480	0	142	42	15
4	D	Electricity, gas, steam and air conditioning.....	223	185	0	35	0	3
5	E	Water supply; sewerage, waste management and remediation services.....	1,246	1,179	0	46	12	9
6	F	Constructions and construction works.....	1,347	1,172	0	148	13	14
7	G	Wholesale and retail trade services; repair services of motor vehicles .....	6,484	5,911	0	404	140	29
8	H	Transportation and storage services.....	1,589	998	0	563	15	12
9	I	Accommodation and food services.....	517	497	0	15	4	1
10	J	Information and Communication services.....	1,572	1,493	0	48	18	13
11	K	Financial and insurance services.....	445	440	0	3	2	0
12	L	Real estate services.....	932	900	0	17	10	5
13	M	Professional, scientific and technical services.....	8,019	7,596	0	280	83	61
14	N	Administrative and support services.....	472	446	0	17	5	4
15	O	Public administration and defence services; compulsory social security services....	1,097	895	1	79	18	103
16	P	Education services.....	99	90	0	3	5	1
17	Q	Human health and social work services.....	1,152	1,126	0	10	9	8
18	R-T	Other services.....	1,704	1,612	0	61	17	13
19		<b>All homogeneous branches.....</b>	<b>31,993</b>	<b>29,362</b>	<b>33</b>	<b>1,895</b>	<b>407</b>	<b>297</b>
20		Private households.....	379,598	361,696	0	545	16,896	461
21		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>411,591</b>	<b>391,058</b>	<b>33</b>	<b>2,440</b>	<b>17,303</b>	<b>758</b>
<b>2010</b>								
22	A	Products of agriculture, forestry and fishing.....	233	149	57	11	11	5
23	B	Mining and quarrying.....	38	34	0	3	0	1
24	C	Manufactured products.....	3,425	3,310	0	84	21	10
25	D	Electricity, gas, steam and air conditioning.....	283	231	0	49	1	2
26	E	Water supply; sewerage, waste management and remediation services.....	1,037	954	0	57	10	17
27	F	Constructions and construction works.....	871	763	0	87	11	10
28	G	Wholesale and retail trade services; repair services of motor vehicles .....	5,636	5,142	0	392	77	25
29	H	Transportation and storage services.....	1,208	999	0	186	15	9
30	I	Accommodation and food services.....	399	383	0	12	3	0
31	J	Information and Communication services.....	847	804	0	29	9	5
32	K	Financial and insurance services.....	298	293	0	2	2	0
33	L	Real estate services.....	681	646	0	24	7	4
34	M	Professional, scientific and technical services.....	5,753	5,460	1	199	63	31
35	N	Administrative and support services.....	250	240	0	7	2	1
36	O	Public administration and defence services; compulsory social security services....	788	608	1	74	17	88
37	P	Education services.....	91	81	0	3	7	0
38	Q	Human health and social work services.....	1,113	1,086	0	15	8	3
39	R-T	Other services.....	1,411	1,332	0	49	22	8
40		<b>All homogeneous branches.....</b>	<b>24,362</b>	<b>22,514</b>	<b>61</b>	<b>1,282</b>	<b>285</b>	<b>219</b>
41		Private households.....	343,571	326,902	0	622	16,001	46
42		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>367,932</b>	<b>349,416</b>	<b>61</b>	<b>1,904</b>	<b>16,286</b>	<b>265</b>
<b>2012</b>								
43	A	Products of agriculture, forestry and fishing.....	220	131	64	10	10	6
44	B	Mining and quarrying.....	35	31	0	2	0	1
45	C	Manufactured products.....	3,654	3,543	0	78	23	9
46	D	Electricity, gas, steam and air conditioning.....	236	182	0	51	1	2
47	E	Water supply; sewerage, waste management and remediation services.....	940	865	0	51	10	14
48	F	Constructions and construction works.....	948	844	0	83	13	9
49	G	Wholesale and retail trade services; repair services of motor vehicles .....	5,672	5,197	0	370	82	21
50	H	Transportation and storage services.....	1,042	852	0	170	13	8
51	I	Accommodation and food services.....	419	403	0	12	4	0
52	J	Information and Communication services.....	985	940	0	30	10	4
53	K	Financial and insurance services.....	327	322	0	3	2	0
54	L	Real estate services.....	747	711	0	25	7	3
55	M	Professional, scientific and technical services.....	5,575	5,307	1	178	63	26
56	N	Administrative and support services.....	270	258	0	8	3	1
57	O	Public administration and defence services; compulsory social security services....	718	548	1	74	17	78
58	P	Education services.....	99	87	0	3	9	0
59	Q	Human health and social work services.....	1,292	1,264	0	17	8	3
60	R-T	Other services.....	1,308	1,237	0	44	20	6
61		<b>All homogeneous branches.....</b>	<b>24,487</b>	<b>22,721</b>	<b>68</b>	<b>1,208</b>	<b>297</b>	<b>193</b>
62		Private households.....	330,985	313,784	0	595	16,565	41
63		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>355,472</b>	<b>336,506</b>	<b>68</b>	<b>1,803</b>	<b>16,862</b>	<b>234</b>

Table 10.4.2: Vehicle mileages by vehicle categories by homogeneous branches - motor gasoline vehicles\*  
mn km

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trailers and buses	Light duty vehicles	Motor-cycles	Other
			<b>2014<sup>3</sup></b>					
85	A	Products of agriculture, forestry and fishing.....	218	124	69	10	10	6
86	B	Mining and quarrying.....	34	31	0	2	0	1
87	C	Manufactured products.....	3,846	3,739	0	73	26	8
88	D	Electricity, gas, steam and air conditioning.....	174	137	0	33	1	2
89	E	Water supply; sewerage, waste management and remediation services.....	924	860	0	42	10	12
90	F	Constructions and construction works.....	1,030	927	0	81	14	8
91	G	Wholesale and retail trade services; repair services of motor vehicles .....	5,775	5,313	0	357	86	19
92	H	Transportation and storage services.....	1,248	867	0	362	12	7
93	I	Accommodation and food services.....	436	418	0	14	4	0
94	J	Information and Communication services.....	1,010	969	0	27	10	4
95	K	Financial and insurance services.....	345	340	0	2	2	0
96	L	Real estate services.....	791	754	0	27	8	3
97	M	Professional, scientific and technical services.....	5,743	5,489	1	166	65	23
98	N	Administrative and support services.....	273	260	0	9	4	1
99	O	Public administration and defence services; compulsory social security services....	677	515	1	74	16	70
100	P	Education services.....	103	89	0	3	11	0
101	Q	Human health and social work services.....	1,367	1,336	0	19	8	3
102	R-T	Other services.....	1,322	1,257	0	40	19	6
103		<b>All homogeneous branches.....</b>	<b>25,317</b>	<b>23,426</b>	<b>73</b>	<b>1,338</b>	<b>307</b>	<b>173</b>
104		Private households.....	323,512	306,157	0	397	16,922	37
105		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>348,828</b>	<b>329,582</b>	<b>73</b>	<b>1,735</b>	<b>17,229</b>	<b>209</b>
			<b>2015<sup>3</sup></b>					
106	A	Products of agriculture, forestry and fishing.....	218	111	71	10	9	6
107	B	Mining and quarrying.....	34	26	0	2	0	1
108	C	Manufactured products.....	3,846	3,562	0	71	26	7
109	D	Electricity, gas, steam and air conditioning.....	174	141	0	34	1	2
110	E	Water supply; sewerage, waste management and remediation services.....	924	778	0	40	10	12
111	F	Constructions and construction works.....	1,030	846	0	81	14	8
112	G	Wholesale and retail trade services; repair services of motor vehicles .....	5,775	5,001	0	355	81	18
113	H	Transportation and storage services.....	1,248	775	0	360	12	7
114	I	Accommodation and food services.....	436	391	0	14	4	0
115	J	Information and Communication services.....	1,010	890	0	27	11	3
116	K	Financial and insurance services.....	345	312	0	2	2	0
117	L	Real estate services.....	791	703	0	28	8	3
118	M	Professional, scientific and technical services.....	5,743	5,023	1	164	66	21
119	N	Administrative and support services.....	273	235	0	9	4	1
120	O	Public administration and defence services; compulsory social security services....	677	460	1	75	16	67
121	P	Education services.....	103	86	0	3	12	0
122	Q	Human health and social work services.....	1,367	1,347	0	20	9	3
123	R-T	Other services.....	1,322	1,136	0	40	19	5
124		<b>All homogeneous branches.....</b>	<b>25,317</b>	<b>21,822</b>	<b>75</b>	<b>1,333</b>	<b>304</b>	<b>165</b>
125		Private households.....	323,512	306,155	0	395	17,138	35
126		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>348,828</b>	<b>327,978</b>	<b>75</b>	<b>1,728</b>	<b>17,442</b>	<b>199</b>

\* Including kilometrage under utilization of bio-ethanol.

<sup>1</sup> Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

<sup>2</sup> Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

<sup>3</sup> Preliminary results.

Table 10.4.3: Vehicle mileages by vehicle categories by homogeneous branches - gas-diesel oil vehicles\*  
mn km

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trucks	Semi-trailer trucks, traction engine	Light duty vehicles	Other
<b>2005</b>								
1	A	Products of agriculture, forestry and fishing.....	5,025	427	197	3,849	494	58
2	B	Mining and quarrying.....	446	192	127	2	109	15
3	C	Manufactured products.....	13,652	9,150	1,467	31	2,811	192
4	D	Electricity, gas, steam and air conditioning.....	756	322	25	3	338	67
5	E	Water supply; sewerage, waste management and remediation services.....	7,199	2,186	3,958	13	873	168
6	F	Constructions and construction works.....	8,253	2,934	1,111	12	4,027	169
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	21,411	9,634	4,681	27	6,642	428
8	H	Transportation and storage services.....	29,520	3,477	14,827	12	8,580	2,625
9	I	Accommodation and food services.....	575	413	9	0	142	11
10	J	Information and Communication services.....	5,801	3,062	1,118	8	1,329	285
11	K	Financial and insurance services.....	720	678	17	2	20	4
12	L	Real estate services.....	2,085	1,507	95	5	394	84
13	M	Professional, scientific and technical services.....	14,786	9,764	229	42	4,116	636
14	N	Administrative and support services.....	1,413	792	195	2	347	77
15	O	Public administration and defence services; compulsory social security services....	3,726	1,550	25	72	911	1,168
16	P	Education services.....	313	206	35	1	60	12
17	Q	Human health and social work services.....	2,015	1,798	6	1	114	95
18	R-T	Other services.....	10,377	6,412	731	30	2,779	425
19		<b>All homogeneous branches.....</b>	<b>128,072</b>	<b>54,503</b>	<b>28,853</b>	<b>4,111</b>	<b>34,085</b>	<b>6,519</b>
20		Private households.....	144,234	132,217	0	0	7,116	4,901
21		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>272,306</b>	<b>186,721</b>	<b>28,853</b>	<b>4,111</b>	<b>41,201</b>	<b>11,420</b>
<b>2010</b>								
22	A	Products of agriculture, forestry and fishing.....	5,714	379	226	4,525	519	65
23	B	Mining and quarrying.....	362	125	121	2	100	14
24	C	Manufactured products.....	15,769	10,952	1,578	35	3,050	154
25	D	Electricity, gas, steam and air conditioning.....	1,473	790	53	4	579	48
26	E	Water supply; sewerage, waste management and remediation services.....	8,388	2,876	3,901	15	1,305	292
27	F	Constructions and construction works.....	8,428	2,817	1,076	15	4,391	128
28	G	Wholesale and retail trade services; repair services of motor vehicles.....	21,225	8,602	4,280	31	7,944	368
29	H	Transportation and storage services.....	29,824	5,906	16,168	14	5,074	2,662
30	I	Accommodation and food services.....	680	516	0	4	154	5
31	J	Information and Communication services.....	4,186	2,204	999	8	874	101
32	K	Financial and insurance services.....	1,156	1,123	0	2	29	2
33	L	Real estate services.....	2,489	1,710	0	7	689	84
34	M	Professional, scientific and technical services.....	19,942	13,701	210	50	5,494	487
35	N	Administrative and support services.....	894	628	53	2	192	19
36	O	Public administration and defence services; compulsory social security services....	4,662	2,290	37	83	1,093	1,160
37	P	Education services.....	403	298	26	1	69	10
38	Q	Human health and social work services.....	2,291	2,011	12	5	216	47
39	R-T	Other services.....	11,665	7,661	605	32	3,062	305
40		<b>All homogeneous branches.....</b>	<b>139,549</b>	<b>64,587</b>	<b>29,343</b>	<b>4,835</b>	<b>34,831</b>	<b>5,952</b>
41		Private households.....	184,578	173,113	0	0	10,846	619
42		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>324,127</b>	<b>237,700</b>	<b>29,343</b>	<b>4,835</b>	<b>45,677</b>	<b>6,572</b>
<b>2012</b>								
43	A	Products of agriculture, forestry and fishing.....	6,139	389	218	4,944	508	80
44	B	Mining and quarrying.....	387	158	125	2	88	14
45	C	Manufactured products.....	17,853	12,835	1,608	26	3,232	152
46	D	Electricity, gas, steam and air conditioning.....	1,502	722	24	4	703	49
47	E	Water supply; sewerage, waste management and remediation services.....	7,925	2,760	3,616	16	1,249	283
48	F	Constructions and construction works.....	9,668	3,337	1,127	17	5,048	138
49	G	Wholesale and retail trade services; repair services of motor vehicles.....	22,836	9,959	4,120	29	8,412	317
50	H	Transportation and storage services.....	29,710	5,368	16,446	15	5,133	2,747
51	I	Accommodation and food services.....	818	619	0	4	189	6
52	J	Information and Communication services.....	5,808	3,649	941	9	1,105	103
53	K	Financial and insurance services.....	1,384	1,320	0	2	61	2
54	L	Real estate services.....	2,617	1,809	0	7	716	84
55	M	Professional, scientific and technical services.....	19,852	13,746	193	54	5,389	469
56	N	Administrative and support services.....	1,198	859	54	3	255	28
57	O	Public administration and defence services; compulsory social security services....	4,787	2,440	40	86	1,010	1,211
58	P	Education services.....	453	348	24	1	70	10
59	Q	Human health and social work services.....	2,712	2,387	14	6	247	59
60	R-T	Other services.....	11,185	7,321	556	35	2,981	293
61		<b>All homogeneous branches.....</b>	<b>146,835</b>	<b>70,028</b>	<b>29,106</b>	<b>5,261</b>	<b>36,395</b>	<b>6,044</b>
62		Private households.....	202,121	189,669	0	0	11,795	656
63		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>348,956</b>	<b>259,698</b>	<b>29,106</b>	<b>5,261</b>	<b>48,190</b>	<b>6,701</b>

Table 10.4.3: Vehicle mileages by vehicle categories by homogeneous branches - gas-diesel oil vehicles\*  
mn km

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trucks	Semi-trailer trucks, traction engine	Light duty vehicles	Other
			<b>2014<sup>3</sup></b>					
85	A	Products of agriculture, forestry and fishing.....	6,587	405	237	5,318	532	96
86	B	Mining and quarrying.....	399	163	133	2	87	14
87	C	Manufactured products.....	18,788	13,538	1,694	28	3,371	157
88	D	Electricity, gas, steam and air conditioning.....	1,710	774	36	5	841	54
89	E	Water supply; sewerage, waste management and remediation services.....	8,085	2,902	3,616	16	1,275	276
90	F	Constructions and construction works.....	10,556	3,553	1,233	19	5,602	148
91	G	Wholesale and retail trade services; repair services of motor vehicles.....	24,034	10,574	4,243	31	8,868	317
92	H	Transportation and storage services.....	34,845	5,843	16,614	16	9,620	2,752
93	I	Accommodation and food services.....	897	673	0	4	214	6
94	J	Information and Communication services.....	6,013	3,821	911	9	1,171	100
95	K	Financial and insurance services.....	1,511	1,444	0	2	63	3
96	L	Real estate services.....	2,851	1,962	0	8	797	82
97	M	Professional, scientific and technical services.....	20,975	14,715	188	57	5,551	465
98	N	Administrative and support services.....	1,317	926	58	3	295	34
99	O	Public administration and defence services; compulsory social security services.....	5,034	2,587	42	89	1,061	1,256
100	P	Education services.....	489	383	23	1	73	9
101	Q	Human health and social work services.....	2,957	2,596	16	7	274	65
102	R-T	Other services.....	11,666	7,752	540	36	3,049	288
103		<b>All homogeneous branches.....</b>	<b>158,712</b>	<b>74,612</b>	<b>29,584</b>	<b>5,651</b>	<b>42,743</b>	<b>6,122</b>
104		Private households.....	217,975	209,063	0	0	8,235	677
105		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>376,688</b>	<b>283,675</b>	<b>29,584</b>	<b>5,651</b>	<b>50,978</b>	<b>6,799</b>
			<b>2015<sup>3</sup></b>					
106	A	Products of agriculture, forestry and fishing.....	6,587	411	253	5,494	545	107
107	B	Mining and quarrying.....	399	170	123	2	88	14
108	C	Manufactured products.....	18,788	13,727	1,677	28	3,452	156
109	D	Electricity, gas, steam and air conditioning.....	1,710	808	33	5	881	57
110	E	Water supply; sewerage, waste management and remediation services.....	8,085	3,008	3,643	16	1,304	272
111	F	Constructions and construction works.....	10,556	3,773	1,211	20	5,920	151
112	G	Wholesale and retail trade services; repair services of motor vehicles.....	24,034	11,196	4,252	32	9,264	324
113	H	Transportation and storage services.....	34,845	6,102	17,020	16	10,052	2,842
114	I	Accommodation and food services.....	897	715	5	4	232	6
115	J	Information and Communication services.....	6,013	3,958	911	10	1,214	100
116	K	Financial and insurance services.....	1,511	1,492	10	1	68	2
117	L	Real estate services.....	2,851	2,085	6	9	855	83
118	M	Professional, scientific and technical services.....	20,975	15,433	198	58	5,751	464
119	N	Administrative and support services.....	1,317	948	56	3	310	37
120	O	Public administration and defence services; compulsory social security services.....	5,034	2,684	40	90	1,084	1,289
121	P	Education services.....	489	415	24	1	77	10
122	Q	Human health and social work services.....	2,957	2,787	21	7	291	70
123	R-T	Other services.....	11,666	8,049	546	37	3,150	288
124		<b>All homogeneous branches.....</b>	<b>158,712</b>	<b>77,761</b>	<b>30,028</b>	<b>5,834</b>	<b>44,538</b>	<b>6,270</b>
125		Private households.....	217,975	216,575	0	0	8,606	697
126		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>376,688</b>	<b>294,336</b>	<b>30,028</b>	<b>5,834</b>	<b>53,143</b>	<b>6,968</b>

\* Including kilometrage under utilization of bio-ethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

3 Preliminary results.

Table 10.4.4: Vehicle mileages of gas-diesel oil cars\*

mn km

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008 <sup>2</sup>	2009 <sup>2</sup>	2010
1	A	Products of agriculture, forestry and fishing.....	258	241	209	196	162	149
2	B	Mining and quarrying.....	81	73	53	49	42	34
3	C	Manufactured products.....	4,480	4,409	3,709	3,456	3,222	3,310
4	D	Electricity, gas, steam and air conditioning.....	185	183	167	172	219	231
5	E	Water supply; sewerage, waste management and remediation services.....	1,179	1,305	1,133	1,186	1,052	954
6	F	Constructions and construction works.....	1,172	1,177	905	871	726	763
7	G	Wholesale and retail trade services; repair services of motor vehicles .....	5,911	5,789	5,248	4,692	5,050	5,142
8	H	Transportation and storage services.....	998	1,008	860	823	982	999
9	I	Accommodation and food services.....	497	484	403	411	385	383
10	J	Information and Communication services.....	1,493	1,451	1,208	1,237	882	804
11	K	Financial and insurance services.....	440	410	307	291	287	293
12	L	Real estate services.....	900	917	766	774	658	646
13	M	Professional, scientific and technical services.....	7,596	7,818	6,911	7,223	5,905	5,460
14	N	Administrative and support services.....	446	260	323	336	226	240
15	O	Public administration and defence services; compulsory social security services.....	895	867	782	764	672	608
16	P	Education services.....	90	90	82	88	82	81
17	Q	Human health and social work services.....	1,126	322	934	997	1,056	1,086
18	R-T	Other services.....	1,612	1,613	1,376	1,442	1,458	1,332
19		<b>All homogeneous branches.....</b>	<b>29,362</b>	<b>28,416</b>	<b>25,377</b>	<b>25,009</b>	<b>23,068</b>	<b>22,514</b>
20		Private households.....	361,696	349,287	341,392	335,312	334,323	326,902
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>391,058</b>	<b>377,703</b>	<b>366,770</b>	<b>360,321</b>	<b>357,392</b>	<b>349,416</b>

\* Including mileages under utilization of bio-ethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

Table 10.4.4: Vehicle mileages of gas-diesel oil cars\*

mn km

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>3</sup>	2015 <sup>3</sup>
1	A	Products of agriculture, forestry and fishing.....	144	131	129	124	111
2	B	Mining and quarrying.....	34	31	31	31	26
3	C	Manufactured products.....	3,472	3,543	3,501	3,739	3,562
4	D	Electricity, gas, steam and air conditioning.....	202	182	136	137	141
5	E	Water supply; sewerage, waste management and remediation services.....	909	865	843	860	778
6	F	Constructions and construction works.....	788	844	869	927	846
7	G	Wholesale and retail trade services; repair services of motor vehicles .....	5,192	5,197	5,137	5,313	5,001
8	H	Transportation and storage services.....	893	852	733	867	775
9	I	Accommodation and food services.....	391	403	401	418	391
10	J	Information and Communication services.....	871	940	931	969	890
11	K	Financial and insurance services.....	305	322	321	340	312
12	L	Real estate services.....	664	711	703	754	703
13	M	Professional, scientific and technical services.....	5,309	5,307	5,254	5,489	5,023
14	N	Administrative and support services.....	248	258	255	260	235
15	O	Public administration and defence services; compulsory social security services.....	585	548	529	515	460
16	P	Education services.....	83	87	85	89	86
17	Q	Human health and social work services.....	1,174	1,264	1,258	1,336	1,347
18	R-T	Other services.....	1,277	1,237	1,223	1,257	1,136
19		<b>All homogeneous branches.....</b>	<b>22,541</b>	<b>22,721</b>	<b>22,339</b>	<b>23,426</b>	<b>21,822</b>
20		Private households.....	326,760	313,784	307,588	306,157	306,155
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>349,301</b>	<b>336,506</b>	<b>329,927</b>	<b>329,582</b>	<b>327,978</b>

\* Including mileages under utilization of bio-ethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

Table 10.4.5: Vehicle mileages of motor gasoline cars\*

mn km

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008 <sup>2</sup>	2009 <sup>2</sup>	2010
1	A	Products of agriculture, forestry and fishing.....	427	444	403	387	364	379
2	B	Mining and quarrying.....	192	197	172	164	166	125
3	C	Manufactured products.....	9,150	10,407	10,369	9,850	10,608	10,952
4	D	Electricity, gas, steam and air conditioning.....	322	367	384	428	715	790
5	E	Water supply; sewerage, waste management and remediation services.....	2,186	2,805	2,847	3,093	2,961	2,876
6	F	Constructions and construction works.....	2,934	3,151	2,917	3,067	2,630	2,817
7	G	Wholesale and retail trade services; repair services of motor vehicles .....	9,634	10,649	10,435	9,515	8,243	8,602
8	H	Transportation and storage services.....	3,477	4,074	4,164	4,157	5,480	5,906
9	I	Accommodation and food services.....	413	458	440	469	472	516
10	J	Information and Communication services.....	3,062	3,412	3,311	3,486	2,287	2,204
11	K	Financial and insurance services.....	678	828	859	922	1,024	1,123
12	L	Real estate services.....	1,507	1,757	1,723	1,692	1,692	1,710
13	M	Professional, scientific and technical services.....	9,764	11,761	12,208	13,164	13,982	13,701
14	N	Administrative and support services.....	792	539	774	838	513	628
15	O	Public administration and defence services; compulsory social security services.....	1,550	1,923	1,921	2,068	2,138	2,290
16	P	Education services.....	206	240	252	273	272	298
17	Q	Human health and social work services.....	1,798	561	1,421	1,594	1,785	2,011
18	R-T	Other services.....	6,412	7,422	7,495	8,153	7,928	7,661
19		<b>All homogeneous branches.....</b>	<b>54,503</b>	<b>60,994</b>	<b>62,097</b>	<b>63,320</b>	<b>63,259</b>	<b>64,587</b>
20		Private households.....	132,217	144,206	154,749	153,310	162,988	173,113
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>186,721</b>	<b>205,200</b>	<b>216,846</b>	<b>216,630</b>	<b>226,247</b>	<b>237,700</b>

\* Including kilometrage under utilization of bio-gasoline.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

Table 10.4.5: Vehicle mileages of motor gasoline cars\*

mn km

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>3</sup>	2015 <sup>3</sup>
1	A	Products of agriculture, forestry and fishing.....	391	389	380	405	411
2	B	Mining and quarrying.....	368	158	154	163	170
3	C	Manufactured products.....	11,884	12,835	12,492	13,538	13,727
4	D	Electricity, gas, steam and air conditioning.....	708	722	703	774	808
5	E	Water supply; sewerage, waste management and remediation services.....	2,846	2,760	2,692	2,902	3,008
6	F	Constructions and construction works.....	3,236	3,337	3,168	3,553	3,773
7	G	Wholesale and retail trade services; repair services of motor vehicles .....	9,411	9,959	9,723	10,574	11,196
8	H	Transportation and storage services.....	5,184	5,368	5,320	5,843	6,102
9	I	Accommodation and food services.....	562	619	609	673	715
10	J	Information and Communication services.....	3,156	3,649	3,549	3,821	3,958
11	K	Financial and insurance services.....	1,234	1,320	1,297	1,444	1,492
12	L	Real estate services.....	1,747	1,809	1,773	1,962	2,085
13	M	Professional, scientific and technical services.....	13,666	13,746	13,444	14,715	15,433
14	N	Administrative and support services.....	733	859	840	926	948
15	O	Public administration and defence services; compulsory social security services.....	2,325	2,440	2,391	2,587	2,684
16	P	Education services.....	320	348	340	383	415
17	Q	Human health and social work services.....	2,186	2,387	2,349	2,596	2,787
18	R-T	Other services.....	7,513	7,321	7,153	7,752	8,049
19		<b>All homogeneous branches.....</b>	<b>67,467</b>	<b>70,028</b>	<b>68,376</b>	<b>74,612</b>	<b>77,761</b>
20		Private households.....	179,113	189,669	202,767	209,063	216,575
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>246,580</b>	<b>259,698</b>	<b>271,143</b>	<b>283,675</b>	<b>294,336</b>

\* Including kilometrage under utilization of bio-gasoline.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.



Table 10.4.6: Transport performance of trucks\*  
mn t-km

No.	22 keeper categories	2009	2010	2011	2012	2013	2014	2015
<b>A: Good transport german trucks total - trips with cargo load - actual transport performance</b>								
1	Agriculture, forestry and fishing.....	2,514	2,407	2,496	2,229	2,446	2,461	2,681
2	Mining and quarrying.....	1,228	1,352	1,267	1,454	1,500	1,626	1,477
3	Manufacturing.....	11,297	12,308	13,087	13,079	13,239	13,463	13,285
4	Electricity, gas, steam and air conditioning supply.....	132	133	134	135	136	257	266
5	Water supply; sewerage, waste management.....	3,704	3,606	3,750	3,377	3,657	4,099	4,118
6	Construction.....	9,867	9,809	11,138	10,301	10,468	10,962	10,500
7	Wholesale and retail trade; repair of motor vehicles.....	26,289	27,840	29,272	28,266	27,529	28,058	28,562
8	Transportation and storage.....	160,529	165,147	172,465	166,633	167,274	170,250	174,665
9	Hotel and restaurant industries.....	32	32	32	32	31	30	23
10	Information and communication.....	378	217	237	205	230	210	160
11	Financial and insurance activities 1.....	68	68	70	70	72	74	74
12	Real estate activities.....	-	-	-	-	-	-	-
13	Professional, scientific and technical activities.....	-	-	-	-	-	-	-
14	Administrative and support service activities.....	9,927	11,479	12,012	11,131	11,025	11,914	11,298
15	Rental services of vehicles.....	-	-	-	-	-	-	-
16	Public administration and defence.....	219	219	219	219	219	291	229
17	Education.....	-	-	-	-	-	-	-
18	Human health and social work activities.....	53	54	55	56	57	81	90
19	Arts, entertainment and recreation services.....	-	-	-	-	-	-	-
20	Other service activities.....	54,318	50,632	49,922	45,122	43,945	43,669	44,688
21	Extra-territorial organizations and bodies.....	-	-	-	-	-	-	-
22	Employees and economically inactive population.....	26,914	27,494	27,357	24,390	23,543	22,481	22,283
23	<b>All branches.....</b>	<b>307,468</b>	<b>312,796</b>	<b>323,513</b>	<b>306,698</b>	<b>305,370</b>	<b>309,926</b>	<b>314,398</b>
<b>B: Transport on own account - trips with cargo load - actual transport performance</b>								
1	Agriculture, forestry and fishing.....	1,512	1,254	1,315	1,041	1,049	1,120	...
2	Mining and quarrying.....	972	937	876	860	888	929	...
3	Manufacturing.....	8,777	8,312	8,475	7,966	7,961	8,257	...
4	Electricity, gas, steam and air conditioning supply.....	94	93	92	98	89	153	...
5	Water supply; sewerage, waste management.....	2,515	1,296	1,224	963	1,031	1,102	...
6	Construction.....	5,620	4,355	4,916	4,567	4,689	4,800	...
7	Wholesale and retail trade; repair of motor vehicles.....	12,958	10,890	10,808	10,698	10,035	10,171	...
8	Transportation and storage.....	6,841	5,023	5,287	4,914	4,890	4,489	...
9	Hotel and restaurant industries.....	-	-	-	-	-	-	...
10	Information and communication.....	87	-	-	-	-	-	...
11	Financial and insurance activities.....	-	-	-	-	-	-	...
12	Real estate activities.....	-	-	-	-	-	-	...
13	Professional, scientific and technical activities.....	-	-	-	-	-	-	...
14	Administrative and support service activities.....	1,622	1,399	1,538	1,491	1,548	1,706	...
15	Rental services of vehicles.....	-	-	-	-	-	-	...
16	Public administration and defence.....	123	111	101	105	99	94	...
17	Education.....	-	-	-	-	-	-	...
18	Human health and social work activities.....	45	-	-	-	-	-	...
19	Arts, entertainment and recreation services.....	-	-	-	-	-	-	...
20	Other service activities.....	15,158	11,102	10,823	9,782	9,433	8,977	...
21	Extra-territorial organizations and bodies.....	-	-	-	-	-	-	...
22	Employees and economically inactive population.....	2,842	2,281	2,298	2,051	2,025	2,166	...
23	<b>All branches.....</b>	<b>59,167</b>	<b>47,051</b>	<b>47,751</b>	<b>44,535</b>	<b>43,738</b>	<b>43,963</b>	...
<b>C: Commercial transport - trips with cargo load - actual transport performance</b>								
1	Agriculture, forestry and fishing.....	1,002	1,153	1,182	1,188	1,397	1,342	...
2	Mining and quarrying.....	256	416	391	595	612	697	...
3	Manufacturing.....	2,520	3,996	4,612	5,113	5,277	5,206	...
4	Electricity, gas, steam and air conditioning supply.....	-	-	-	-	-	-	...
5	Water supply; sewerage, waste management.....	1,189	2,310	2,527	2,414	2,626	2,996	...
6	Construction.....	4,247	5,455	6,222	5,734	5,779	6,162	...
7	Wholesale and retail trade; repair of motor vehicles.....	13,330	16,951	18,464	17,569	17,494	17,888	...
8	Transportation and storage.....	153,688	160,124	167,178	161,719	162,383	165,761	...
9	Hotel and restaurant industries.....	-	-	-	-	-	-	...
10	Information and communication.....	292	217	237	205	230	189	...
11	Financial and insurance activities.....	-	-	-	-	-	-	...
12	Real estate activities.....	-	-	-	-	-	-	...
13	Professional, scientific and technical activities.....	-	-	-	-	-	-	...
14	Administrative and support service activities.....	8,305	10,079	10,474	9,640	9,476	10,209	...
15	Rental services of vehicles.....	-	-	-	-	-	-	...
16	Public administration and defence.....	-	156	148	182	134	198	...
17	Education.....	-	-	-	-	-	-	...
18	Human health and social work activities.....	-	-	-	-	-	-	...
19	Arts, entertainment and recreation services.....	-	-	-	-	-	-	...
20	Other service activities.....	39,160	39,530	39,099	35,340	34,512	34,693	...
21	Extra-territorial organizations and bodies.....	-	-	-	-	-	-	...
22	Employees and economically inactive population.....	24,072	25,212	25,060	22,339	21,518	20,315	...
23	<b>All branches.....</b>	<b>248,060</b>	<b>265,598</b>	<b>275,592</b>	<b>262,036</b>	<b>261,438</b>	<b>265,653</b>	...

\* Source: National vehicle registration office (Kraftfahrtbundesamt [KBA]). Differences of actual totals to figures of KBA: - 1 Own estimation.

Table 10.5.1: Energy consumption in road transport\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008 <sup>2</sup>
1	A	Products of agriculture, forestry and fishing.....	48,846	50,281	51,623	52,369
2	B	Mining and quarrying.....	3,134	3,090	2,860	2,716
3	C	Manufactured products.....	66,112	68,397	66,660	64,537
4	D	Electricity, gas, steam and air conditioning.....	3,963	4,245	4,431	4,650
5	E	Water supply; sewerage, waste management and remediation services.....	61,356	68,561	71,080	71,250
6	F	Constructions and construction works.....	44,629	46,373	45,618	45,920
7	G	Wholesale and retail trade services; repair services of motor vehicles and motorcycles.....	133,016	137,866	138,837	133,133
8	H	Transportation and storage services.....	352,775	373,816	375,257	370,088
9	I	Accommodation and food services.....	3,366	3,395	3,139	3,253
10	J	Information and Communication services.....	36,577	34,668	35,381	36,011
11	K	Financial and insurance services.....	3,302	3,506	3,334	3,399
12	L	Real estate services.....	10,277	11,023	10,696	10,808
13	M	Professional, scientific and technical services.....	75,565	81,203	81,278	84,892
14	N	Administrative and support services.....	8,049	5,850	7,403	7,584
15	O	Public administration and defence services; compulsory social security services.....	22,646	23,049	22,918	23,524
16	P	Education services.....	1,594	1,682	1,745	1,810
17	Q	Human health and social work services.....	6,378	6,556	6,992	7,647
18	R-T	Other services.....	46,824	49,498	49,384	51,555
19		<b>All homogeneous branches.....</b>	<b>928,409</b>	<b>973,059</b>	<b>978,634</b>	<b>975,148</b>
20		Private households.....	1,409,276	1,367,287	1,358,775	1,325,784
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>2,337,685</b>	<b>2,340,346</b>	<b>2,337,409</b>	<b>2,300,932</b>
22		Balance bunkering of fuels 5.....	-193,304	-184,660	-209,741	-213,540
23		<b>All homogeneous branches and private households (domestic concept with biodiesel).....</b>	<b>2,144,381</b>	<b>2,155,686</b>	<b>2,127,668</b>	<b>2,087,392</b>
24		Biodiesel.....	68,014	130,273	144,263	110,000
25		Bioethanol.....	6,817	13,418	12,061	16,328
26		<b>All homogeneous branches and private households (domestic concept without biodiesel) 6.....</b>	<b>2,069,550</b>	<b>2,011,995</b>	<b>1,971,344</b>	<b>1,961,064</b>

\* Including biodiesel consumption, including "unassigned consumption" (see general notes).

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

5 Mileages of non-residents on the territory minus mileages of residents abroad.

6 Figures according the entries in the energy balance sheets for total road transport.

Table 10.5.1: Eenergy consumption in road transport\*  
terajoules

2009 <sup>2</sup>	2010	2011	2012	2013	2014 <sup>3</sup>	2015 <sup>3</sup>	No.
55,666	56,636	59,057	60,979	63,552	65,006	67,354	1
2,717	2,799	2,578	2,813	2,855	2,937	2,778	2
65,466	68,990	71,190	73,833	73,802	76,159	76,107	3
5,825	6,611	6,046	6,557	6,916	7,292	7,608	4
67,875	63,700	61,717	57,509	56,748	55,866	56,812	5
42,962	44,517	48,843	49,525	51,629	52,753	54,163	6
125,304	131,383	130,446	130,628	130,572	132,530	134,819	7
337,943	353,186	356,463	350,736	361,880	365,116	374,635	8
3,042	3,233	3,467	3,687	3,771	3,965	4,053	9
26,250	24,780	29,692	28,454	28,230	28,372	28,831	10
3,481	3,793	4,192	4,481	4,466	4,828	4,863	11
10,173	10,287	10,423	10,769	11,012	11,569	11,974	12
85,718	83,572	81,894	81,648	81,162	84,396	85,565	13
3,401	4,042	4,543	4,997	5,173	5,431	5,461	14
24,001	24,437	24,124	24,555	24,755	25,323	25,693	15
1,655	1,704	1,747	1,804	1,785	1,880	1,976	16
8,515	9,304	10,087	10,837	10,939	11,748	12,260	17
49,757	47,980	46,552	45,261	44,797	45,866	46,863	18
<b>919,752</b>	<b>940,953</b>	<b>953,061</b>	<b>949,074</b>	<b>964,044</b>	<b>981,036</b>	<b>1,001,814</b>	19
1,347,807	1,351,686	1,366,022	1,346,798	1,358,530	1,355,696	1,345,267	20
<b>2,267,559</b>	<b>2,292,639</b>	<b>2,319,083</b>	<b>2,295,873</b>	<b>2,322,574</b>	<b>2,336,732</b>	<b>2,347,081</b>	21
-211,062	-213,789	-218,693	-212,175	-187,754	-181,298	-184,076	22
<b>2,056,497</b>	<b>2,078,850</b>	<b>2,100,390</b>	<b>2,083,698</b>	<b>2,134,820</b>	<b>2,155,434</b>	<b>2,163,005</b>	23
89,326	88,961	83,219	85,278	78,436	81,739	74,797	24
23,691	30,410	32,116	32,702	31,597	32,206	30,747	25
<b>1,943,480</b>	<b>1,959,479</b>	<b>1,985,055</b>	<b>1,965,718</b>	<b>2,024,787</b>	<b>2,041,489</b>	<b>2,057,461</b>	26

Table 10.5.2: Energy consumption of vehicles by fuel type\*  
terajoules

No.	Year	Total	Diesel engine		Gasoline engine <sup>1</sup>			
			Diesel <sup>2</sup>	Biodiesel	Petrol	Bioethanol	Liquid gas (cars gas)	Natural gas
<b>All homogeneous branches and private households</b>								
1	2005	2,340,042	1,170,206	68,014	1,092,648	6,817	2,357	-
2	2006	2,349,396	1,157,672	130,273	1,038,983	13,418	4,605	4,446
3	2007	2,352,197	1,185,979	144,263	995,106	12,061	8,942	5,845
4	2008	2,323,728	1,213,225	110,000	961,379	16,328	15,652	7,144
5	2009	2,299,844	1,218,208	89,326	936,334	23,691	23,842	8,443
6	2010	2,323,230	1,268,395	88,961	904,874	30,410	21,823	8,768
7	2011	2,351,467	1,300,978	83,219	902,770	32,116	23,613	8,771
8	2012	2,328,274	1,322,106	85,278	855,787	32,702	23,532	8,869
9	2013	2,353,040	1,373,382	78,436	839,159	31,597	23,077	7,389
10	2014	2,365,668	1,384,825	81,739	837,962	32,206	21,464	7,472
11	2015	2,373,451	1,439,982	74,797	801,554	30,747	18,963	7,407
<b>including: private households</b>								
12	2005	1,453,326	371,668	11,007	1,067,879	1,045	1,727	-
13	2006	1,411,440	379,877	19,742	1,003,405	6,252	2,164	-
14	2007	419,633	362,166	36,807	-	12,332	4,237	4,090
15	2008	1,372,475	382,713	42,921	921,957	11,184	8,285	5,416
16	2009	1,346,943	385,227	33,059	892,345	15,152	14,528	6,631
17	2010	1,377,882	424,800	28,698	872,248	22,060	22,210	7,865
18	2011	1,380,147	453,490	28,030	841,895	28,270	20,304	8,158
19	2012	1,396,156	469,274	26,821	840,076	29,852	21,972	8,162
20	2013	1,376,852	494,475	28,214	793,830	30,280	21,827	8,226
21	2014	1,386,774	524,414	26,867	777,998	29,250	21,394	6,850
22	2015	1,382,419	523,369	28,695	773,946	29,685	19,823	6,901

\* Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

1 Without bio-methane.

2 Including "unassigned consumption" (see general notes).

Table 10.5.3: Energy consumption by vehicle categories, gasoline engine\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trailers and buses	Light duty vehicles	Motor-cycles	Other
<b>2005</b>								
1	A	Products of agriculture, forestry and fishing.....	995	693	179	76	18	30
2	B	Mining and quarrying.....	254	226	0	20	1	8
3	C	Manufactured products.....	13,141	12,421	1	575	56	88
4	D	Electricity, gas, steam and air conditioning.....	653	492	0	140	1	20
5	E	Water supply; sewerage, waste management and remediation services.....	3,488	3,232	1	186	16	53
6	F	Constructions and construction works.....	3,925	3,229	1	599	17	80
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	17,985	15,999	1	1,636	184	165
8	H	Transportation and storage services.....	5,104	2,733	1	2,281	20	70
9	I	Accommodation and food services.....	1,437	1,365	0	62	5	5
10	J	Information and communication services.....	4,391	4,099	0	196	23	73
11	K	Financial and insurance services.....	1,237	1,224	0	10	3	0
12	L	Real estate services.....	2,592	2,480	0	69	13	28
13	M	Professional, scientific and technical services.....	22,430	20,838	2	1,132	109	349
14	N	Administrative and support services.....	1,320	1,223	0	68	7	21
15	O	Public administration and defence services.....	3,337	2,393	3	322	24	595
16	P	Education services.....	269	246	0	13	7	3
17	Q	Human health and social work services.....	2,481	2,382	0	40	11	48
18	R-T	Other services.....	4,769	4,422	1	248	23	76
19		<b>All homogeneous branches.....</b>	<b>89,809</b>	<b>79,698</b>	<b>191</b>	<b>7,674</b>	<b>535</b>	<b>1,710</b>
20		Private households.....	1,113,597	982,573	-	2,207	22,228	2,650
21		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>1,203,405</b>	<b>1,062,271</b>	<b>191</b>	<b>9,881</b>	<b>22,763</b>	<b>4,359</b>
22		Balance bunkering of fuels 3.....	-100,271	-100,271	-	-	-	-
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>999,194</b>	<b>961,999</b>	<b>191</b>	<b>9,881</b>	<b>22,763</b>	<b>4,359</b>
<b>2010</b>								
24	A	Products of agriculture, forestry and fishing.....	787	385	317	41	14	30
25	B	Mining and quarrying.....	117	101	0	10	0	5
26	C	Manufactured products.....	9,049	8,651	2	315	27	54
27	D	Electricity, gas, steam and air conditioning.....	793	596	0	182	2	12
28	E	Water supply; sewerage, waste management and remediation services.....	2,802	2,484	1	212	13	92
29	F	Constructions and construction works.....	2,393	1,995	1	327	14	55
30	G	Wholesale and retail trade services; repair services of motor vehicles.....	14,896	13,184	2	1,473	98	140
31	H	Transportation and storage services.....	3,381	2,614	1	699	18	49
32	I	Accommodation and food services.....	1,055	1,003	0	46	4	2
33	J	Information and communication services.....	2,248	2,103	1	108	11	25
34	K	Financial and insurance services.....	784	771	0	9	2	1
35	L	Real estate services.....	1,809	1,688	0	91	9	20
36	M	Professional, scientific and technical services.....	15,281	14,277	4	748	80	173
37	N	Administrative and support services.....	660	625	0	26	3	6
38	O	Public administration and defence services.....	2,340	1,544	6	278	21	491
39	P	Education services.....	229	208	0	10	9	2
40	Q	Human health and social work services.....	2,757	2,671	0	57	10	19
41	R-T	Other services.....	3,738	3,482	2	184	28	43
42		<b>All homogeneous branches.....</b>	<b>65,118</b>	<b>58,383</b>	<b>339</b>	<b>4,816</b>	<b>364</b>	<b>1,218</b>
43		Private households.....	870,166	847,202	-	2,337	20,373	253
44		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>935,284</b>	<b>905,584</b>	<b>339</b>	<b>7,153</b>	<b>20,737</b>	<b>1,471</b>
45		Balance bunkering of fuels 3.....	-113,458	-113,458	-	-	-	-
46		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>821,826</b>	<b>792,127</b>	<b>339</b>	<b>7,153</b>	<b>20,737</b>	<b>1,471</b>

Table 10.5.3: Energy consumption by vehicle categories, gasoline engine\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trailers and buses	Light duty vehicles	Motor-cycles	Other
<b>2014<sup>4</sup></b>								
93	A	Products of agriculture, forestry and fishing.....	789	325	381	37	13	33
94	B	Mining and quarrying.....	92	81	0	6	0	4
95	C	Manufactured products.....	9,880	9,529	2	272	34	42
96	D	Electricity, gas, steam and air conditioning.....	489	352	0	124	2	10
97	E	Water supply; sewerage, waste management and remediation services.....	2,444	2,207	1	156	13	67
98	F	Constructions and construction works.....	2,746	2,376	1	304	18	47
99	G	Wholesale and retail trade services; repair services of motor vehicles.....	15,056	13,498	2	1,340	110	105
100	H	Transportation and storage services.....	3,649	2,235	1	1,358	16	39
101	I	Accommodation and food services.....	1,136	1,078	0	51	5	1
102	J	Information and communication services.....	2,625	2,489	1	103	14	20
103	K	Financial and insurance services.....	888	876	0	9	3	1
104	L	Real estate services.....	2,071	1,944	1	100	10	15
105	M	Professional, scientific and technical services.....	14,943	14,107	4	623	83	126
106	N	Administrative and support services.....	717	673	0	32	5	6
107	O	Public administration and defence services.....	1,980	1,284	6	279	21	390
108	P	Education services.....	254	228	0	11	14	1
109	Q	Human health and social work services.....	3,340	3,239	0	71	11	19
110	R-T	Other services.....	3,439	3,229	3	151	25	31
111		<b>All homogeneous branches.....</b>	<b>66,536</b>	<b>59,750</b>	<b>405</b>	<b>5,027</b>	<b>395</b>	<b>959</b>
112		Private households.....	803,632	780,139	-	1,491	21,799	203
113		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>870,168</b>	<b>839,889</b>	<b>405</b>	<b>6,518</b>	<b>22,194</b>	<b>1,162</b>
114		Balance bunkering of fuels 3.....	-93,301	-93,301	-	-	-	-
115		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>776,867</b>	<b>746,589</b>	<b>405</b>	<b>6,518</b>	<b>22,194</b>	<b>1,162</b>
<b>2015<sup>4</sup></b>								
116	A	Products of agriculture, forestry and fishing.....	742	281	382	35	12	32
117	B	Mining and quarrying.....	75	65	0	6	0	4
118	C	Manufactured products.....	9,062	8,727	2	261	33	39
119	D	Electricity, gas, steam and air conditioning.....	480	343	0	123	2	11
120	E	Water supply; sewerage, waste management and remediation services.....	2,142	1,918	1	148	12	62
121	F	Constructions and construction works.....	2,445	2,089	1	294	17	43
122	G	Wholesale and retail trade services; repair services of motor vehicles.....	13,707	12,211	2	1,294	102	97
123	H	Transportation and storage services.....	3,283	1,917	1	1,314	15	36
124	I	Accommodation and food services.....	1,025	968	0	51	5	1
125	J	Information and communication services.....	2,327	2,196	1	98	13	18
126	K	Financial and insurance services.....	785	772	0	9	3	1
127	L	Real estate services.....	1,868	1,743	1	101	10	14
128	M	Professional, scientific and technical services.....	13,200	12,402	4	597	83	114
129	N	Administrative and support services.....	628	585	0	32	4	6
130	O	Public administration and defence services.....	1,756	1,097	6	273	20	360
131	P	Education services.....	238	211	0	11	15	1
132	Q	Human health and social work services.....	3,226	3,124	0	72	11	18
133	R-T	Other services.....	3,003	2,803	3	145	24	28
134		<b>All homogeneous branches.....</b>	<b>59,990</b>	<b>53,451</b>	<b>406</b>	<b>4,863</b>	<b>382</b>	<b>887</b>
135		Private households.....	803,632	749,163	-	1,442	21,519	189
136		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>863,621</b>	<b>802,614</b>	<b>406</b>	<b>6,305</b>	<b>21,901</b>	<b>1,076</b>
137		Balance bunkering of fuels 3.....	-92,882	-92,882	-	-	-	-
138		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>739,419</b>	<b>709,732</b>	<b>406</b>	<b>6,305</b>	<b>21,901</b>	<b>1,076</b>

\* Including energy consumption of bioethanol.

1 Classification of products by activity (CPA) in the European Community (2008 version).

2 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

3 Mileages of non-residents on the territory minus mileages of residents abroad.

4 Preliminary results.

Table 10.5.4: Energy consumption by vehicle categories, diesel engine\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trucks, Semi-trailer trucks <sup>2</sup>	Traction engine	Light duty vehicles	Other, buses
<b>2005</b>								
1	A	Products of agriculture, forestry and fishing.....	47,851	1,071	2,355	41,543	2,381	500
2	B	Mining and quarrying.....	2,881	480	1,714	27	528	132
3	C	Manufactured products.....	52,971	22,646	14,723	333	13,560	1,708
4	D	Electricity, gas, steam and air conditioning.....	3,310	791	205	37	1,630	646
5	E	Water supply; sewerage, waste management and remediation services.....	57,867	5,439	46,481	145	4,213	1,591
6	F	Constructions and construction works.....	40,704	7,374	12,290	130	19,422	1,488
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	115,031	23,758	55,024	288	32,034	3,928
8	H	Transportation and storage services.....	347,672	8,673	269,434	130	41,383	28,052
9	I	Accommodation and food services.....	1,929	1,043	105	-	684	97
10	J	Information and communication services.....	32,186	7,621	15,296	84	6,409	2,775
11	K	Financial and insurance services.....	2,064	1,692	220	17	95	41
12	L	Real estate services.....	7,686	3,734	1,209	50	1,900	793
13	M	Professional, scientific and technical services.....	53,134	24,293	2,733	455	19,850	5,803
14	N	Administrative and support services.....	6,729	1,971	2,324	17	1,674	743
15	O	Public administration and defence services.....	19,309	3,885	154	772	4,392	10,106
16	P	Education services.....	1,325	507	408	7	291	112
17	Q	Human health and social work services.....	3,897	2,436	71	13	548	829
18	R-T	Other services.....	42,055	15,959	8,491	323	13,404	3,877
19		<b>All homogeneous branches.....</b>	<b>838,600</b>	<b>133,370</b>	<b>433,240</b>	<b>44,370</b>	<b>164,398</b>	<b>63,221</b>
20		Private households.....	399,619	323,471	-	-	34,319	41,829
21		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>1,238,219</b>	<b>456,841</b>	<b>433,240</b>	<b>44,370</b>	<b>198,717</b>	<b>105,050</b>
22		Balance bunkering of fuels 4.....	-93,033	-30,481	-41,298	-	-21,254	-
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>1,145,187</b>	<b>426,360</b>	<b>391,942</b>	<b>44,370</b>	<b>177,463</b>	<b>105,050</b>
<b>2010</b>								
24	A	Products of agriculture, forestry and fishing.....	55,849	929	2,919	48,843	2,603	554
25	B	Mining and quarrying.....	2,682	389	1,646	23	503	121
26	C	Manufactured products.....	59,941	26,763	16,122	382	15,311	1,363
27	D	Electricity, gas, steam and air conditioning.....	5,819	1,948	477	39	2,905	449
28	E	Water supply; sewerage, waste management and remediation services.....	60,898	6,979	44,594	166	6,549	2,610
29	F	Constructions and construction works.....	42,125	6,871	11,956	167	22,046	1,085
30	G	Wholesale and retail trade services; repair services of motor vehicles.....	116,487	20,837	52,097	330	39,880	3,343
31	H	Transportation and storage services.....	349,804	14,356	282,333	153	25,473	27,491
32	I	Accommodation and food services.....	2,178	1,273	39	42	775	49
33	J	Information and communication services.....	22,532	5,364	11,760	86	4,387	934
34	K	Financial and insurance services.....	3,009	2,742	83	16	146	21
35	L	Real estate services.....	8,478	4,164	-	71	3,457	786
36	M	Professional, scientific and technical services.....	68,292	33,353	2,476	541	27,581	4,340
37	N	Administrative and support services.....	3,382	1,520	699	23	963	178
38	O	Public administration and defence services.....	22,096	5,584	267	891	5,485	9,870
39	P	Education services.....	1,475	717	309	9	344	95
40	Q	Human health and social work services.....	6,547	4,922	66	58	1,083	419
41	R-T	Other services.....	44,242	18,653	7,118	346	15,371	2,754
42		<b>All homogeneous branches.....</b>	<b>875,835</b>	<b>157,363</b>	<b>434,961</b>	<b>52,187</b>	<b>174,862</b>	<b>56,462</b>
43		Private households.....	481,520	421,739	-	-	54,449	5,332
44		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>1,357,355</b>	<b>579,102</b>	<b>434,961</b>	<b>52,187</b>	<b>229,311</b>	<b>61,794</b>
45		Balance bunkering of fuels 4.....	-100,332	-32,273	-47,675	-	-20,383	-
46		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>1,257,024</b>	<b>546,828</b>	<b>387,286</b>	<b>52,187</b>	<b>208,928</b>	<b>61,794</b>

Table 10.5.4: Energy consumption by vehicle categories, diesel engine\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trucks, Semi-trailer trucks <sup>2</sup>	Traction engine	Light duty vehicles	Other, buses
<b>2014<sup>5</sup></b>								
93	A	Products of agriculture, forestry and fishing.....	64,218	989	2,850	56,983	2,592	804
94	B	Mining and quarrying.....	2,845	395	1,883	24	425	119
95	C	Manufactured products.....	66,279	32,602	15,591	298	16,429	1,359
96	D	Electricity, gas, steam and air conditioning.....	6,803	1,854	298	50	4,099	503
97	E	Water supply; sewerage, waste management and remediation services.....	53,422	7,014	37,593	173	6,215	2,427
98	F	Constructions and construction works.....	50,007	8,566	12,695	203	27,303	1,241
99	G	Wholesale and retail trade services; repair services of motor vehicles.....	117,474	25,513	45,632	333	43,221	2,775
100	H	Transportation and storage services.....	361,467	14,375	271,826	171	46,884	28,210
101	I	Accommodation and food services.....	2,829	1,656	35	45	1,041	52
102	J	Information and communication services.....	25,747	9,184	9,845	101	5,706	911
103	K	Financial and insurance services.....	3,939	3,507	86	16	308	22
104	L	Real estate services.....	9,499	4,767	-	90	3,886	756
105	M	Professional, scientific and technical services.....	69,453	35,685	2,021	607	27,053	4,087
106	N	Administrative and support services.....	4,714	2,236	686	36	1,436	319
107	O	Public administration and defence services.....	23,342	6,283	337	950	5,170	10,602
108	P	Education services.....	1,626	919	253	13	354	88
109	Q	Human health and social work services.....	8,408	6,349	94	72	1,333	560
110	R-T	Other services.....	42,428	18,795	5,811	389	14,859	2,574
111		<b>All homogeneous branches.....</b>	<b>914,500</b>	<b>180,687</b>	<b>407,535</b>	<b>60,554</b>	<b>208,314</b>	<b>57,410</b>
112		Private households.....	552,064	506,163	-	-	40,136	5,765
113		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>1,466,564</b>	<b>686,850</b>	<b>407,535</b>	<b>60,554</b>	<b>248,451</b>	<b>63,175</b>
114		Balance bunkering of fuels 4.....	-87,997	-8,900	-57,265	-	-21,832	-
115		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>1,378,567</b>	<b>677,950</b>	<b>350,269</b>	<b>60,554</b>	<b>226,619</b>	<b>63,175</b>
<b>2015<sup>5</sup></b>								
116	A	Products of agriculture, forestry and fishing.....	66,612	1,006	3,109	58,933	2,665	899
117	B	Mining and quarrying.....	2,703	413	1,713	24	432	121
118	C	Manufactured products.....	67,045	33,105	15,409	304	16,877	1,349
119	D	Electricity, gas, steam and air conditioning.....	7,128	1,938	309	53	4,305	523
120	E	Water supply; sewerage, waste management and remediation services.....	54,670	7,278	38,444	175	6,378	2,395
121	F	Constructions and construction works.....	51,718	9,108	12,178	214	28,945	1,272
122	G	Wholesale and retail trade services; repair services of motor vehicles.....	121,112	27,030	45,613	340	45,298	2,832
123	H	Transportation and storage services.....	371,352	15,003	277,861	170	49,151	29,168
124	I	Accommodation and food services.....	3,028	1,762	26	45	1,137	57
125	J	Information and communication services.....	26,504	9,533	10,027	104	5,936	905
126	K	Financial and insurance services.....	4,079	3,627	86	15	330	21
127	L	Real estate services.....	10,106	5,071	-	94	4,182	759
128	M	Professional, scientific and technical services.....	72,365	37,472	2,072	619	28,118	4,083
129	N	Administrative and support services.....	4,834	2,291	652	37	1,514	340
130	O	Public administration and defence services.....	23,936	6,526	266	962	5,300	10,883
131	P	Education services.....	1,737	998	259	14	375	92
132	Q	Human health and social work services.....	9,034	6,828	104	74	1,424	604
133	R-T	Other services.....	43,861	19,537	5,957	398	15,400	2,568
134		<b>All homogeneous branches.....</b>	<b>941,824</b>	<b>188,526</b>	<b>414,084</b>	<b>62,576</b>	<b>217,767</b>	<b>58,871</b>
135		Private households.....	572,955	524,939	-	-	42,078	5,938
136		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>1,514,779</b>	<b>713,465</b>	<b>414,084</b>	<b>62,576</b>	<b>259,845</b>	<b>64,809</b>
137		Balance bunkering of fuels 4.....	-91,193	-8,909	-59,657	-	-22,627	-
138		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>1,423,586</b>	<b>704,555</b>	<b>354,428</b>	<b>62,576</b>	<b>237,217</b>	<b>64,809</b>

\* Including energy consumption of biodiesel.

1 Classification of products by activity (CPA) in the European Community (2008 version).

2 Including "unassigned consumption" (see general notes).

3 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

4 Mileages of non-residents on the territory minus mileages of residents abroad.

5 Preliminary results.



Table 10.5.5: Energy consumption of motor gasoline cars\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008 <sup>2</sup>	2009 <sup>2</sup>	2010
1	A	Products of agriculture, forestry and fishing.....	693	622	539	494	413	385
2	B	Mining and quarrying.....	226	189	136	124	109	101
3	C	Manufactured products.....	12,421	11,436	9,564	8,684	8,280	8,651
4	D	Electricity, gas, steam and air conditioning.....	492	469	426	430	559	596
5	E	Water supply; sewerage, waste management and remediation services.....	3,232	3,370	2,905	2,969	2,684	2,484
6	F	Constructions and construction works.....	3,229	2,885	2,269	2,112	1,839	1,995
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	15,999	14,875	13,404	11,698	12,818	13,184
8	H	Transportation and storage services.....	2,733	2,600	2,204	2,060	2,518	2,614
9	I	Accommodation and food services.....	1,365	1,253	1,039	1,036	989	1,003
10	J	Information and communication services.....	4,099	3,746	3,098	3,098	2,257	2,103
11	K	Financial and insurance services.....	1,224	1,066	794	732	738	771
12	L	Real estate services.....	2,480	2,365	1,962	1,936	1,683	1,688
13	M	Professional, scientific and technical services.....	20,838	20,189	17,713	18,084	15,100	14,277
14	N	Administrative and support services.....	1,223	672	827	842	577	625
15	O	Public administration and defence services.....	2,393	2,219	1,984	1,901	1,687	1,544
16	P	Education services.....	246	232	210	219	208	208
17	Q	Human health and social work services.....	2,382	2,334	2,315	2,423	2,575	2,671
18	R-T	Other services.....	4,422	4,166	3,527	3,610	3,730	3,482
19		<b>All homogeneous branches.....</b>	<b>79,698</b>	<b>74,687</b>	<b>64,917</b>	<b>62,454</b>	<b>58,764</b>	<b>58,383</b>
20		Private households.....	982,573	943,133	911,650	885,861	871,455	847,202
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>1,062,271</b>	<b>1,017,820</b>	<b>976,566</b>	<b>948,315</b>	<b>930,219</b>	<b>905,584</b>
22		Balance bunkering of fuels 5.....	-100,271	-108,149	-102,124	-107,377	-107,107	-113,458
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>961,999</b>	<b>909,671</b>	<b>874,442</b>	<b>840,937</b>	<b>823,113</b>	<b>792,127</b>

\* Including energy consumption of bioethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

5 Mileages of non-residents on the territory minus mileages of residents abroad.

Table 10.5.5: Energy consumption of motor gasoline cars\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>3</sup>	2015 <sup>3</sup>
1	A	Products of agriculture, forestry and fishing.....	375	335	330	325	281
2	B	Mining and quarrying.....	90	83	81	81	65
3	C	Manufactured products.....	9,103	9,096	8,986	9,529	8,727
4	D	Electricity, gas, steam and air conditioning.....	454	458	344	352	343
5	E	Water supply; sewerage, waste management and remediation services.....	2,373	2,224	2,162	2,207	1,918
6	F	Constructions and construction works.....	2,090	2,182	2,241	2,376	2,089
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	13,309	13,118	12,952	13,498	12,211
8	H	Transportation and storage services.....	2,166	2,199	1,906	2,235	1,917
9	I	Accommodation and food services.....	1,027	1,038	1,031	1,078	968
10	J	Information and communication services.....	2,427	2,423	2,394	2,489	2,196
11	K	Financial and insurance services.....	802	835	832	876	772
12	L	Real estate services.....	1,737	1,833	1,813	1,944	1,743
13	M	Professional, scientific and technical services.....	13,896	13,695	13,531	14,107	12,402
14	N	Administrative and support services.....	648	662	653	673	585
15	O	Public administration and defence services.....	1,487	1,370	1,317	1,284	1,097
16	P	Education services.....	215	220	215	228	211
17	Q	Human health and social work services.....	2,891	3,052	3,038	3,239	3,124
18	R-T	Other services.....	3,342	3,191	3,145	3,229	2,803
19		<b>All homogeneous branches.....</b>	<b>58,432</b>	<b>58,014</b>	<b>56,972</b>	<b>59,750</b>	<b>53,451</b>
20		Private households.....	846,547	800,504	783,787	780,139	749,163
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>904,979</b>	<b>858,517</b>	<b>840,759</b>	<b>839,889</b>	<b>802,614</b>
22		Balance bunkering of fuels 5.....	-114,967	-113,787	-98,009	-93,301	-92,882
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>790,012</b>	<b>744,730</b>	<b>742,750</b>	<b>746,589</b>	<b>709,732</b>

\* Including energy consumption of bioethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

5 Mileages of non-residents on the territory minus mileages of residents abroad.

Table 10.5.6: Energy consumption of gas-diesel oil cars\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008 <sup>2</sup>	2009 <sup>2</sup>	2010
1	A	Products of agriculture, forestry and fishing.....	1,071	1,090	1,001	951	890	929
2	B	Mining and quarrying.....	480	480	426	400	404	389
3	C	Manufactured products.....	22,646	25,092	25,449	23,867	25,560	26,763
4	D	Electricity, gas, steam and air conditioning.....	791	875	933	1,028	1,714	1,948
5	E	Water supply; sewerage, waste management and remediation services.....	5,439	6,815	7,002	7,525	7,162	6,979
6	F	Constructions and construction works.....	7,374	7,675	7,238	7,500	6,407	6,871
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	23,758	25,577	25,543	23,008	19,875	20,837
8	H	Transportation and storage services.....	8,673	9,900	10,210	10,064	13,244	14,356
9	I	Accommodation and food services.....	1,043	1,132	1,095	1,155	1,159	1,273
10	J	Information and communication services.....	7,621	8,285	8,134	8,467	5,545	5,364
11	K	Financial and insurance services.....	1,692	2,018	2,119	2,243	2,488	2,742
12	L	Real estate services.....	3,734	4,244	4,217	4,094	4,105	4,164
13	M	Professional, scientific and technical services.....	24,293	28,576	30,016	32,022	33,908	33,353
14	N	Administrative and support services.....	1,971	1,311	1,904	2,038	1,236	1,520
15	O	Public administration and defence services.....	3,885	4,720	4,747	5,044	5,186	5,584
16	P	Education services.....	507	576	615	659	655	717
17	Q	Human health and social work services.....	2,436	3,142	3,489	3,879	4,344	4,922
18	R-T	Other services.....	15,959	18,043	18,436	19,841	19,232	18,653
19		<b>All homogeneous branches.....</b>	<b>133,370</b>	<b>149,553</b>	<b>152,572</b>	<b>153,786</b>	<b>153,114</b>	<b>157,363</b>
20		Private households.....	323,471	354,556	380,080	373,944	395,681	421,739
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>456,841</b>	<b>504,109</b>	<b>532,651</b>	<b>527,729</b>	<b>548,796</b>	<b>579,102</b>
22		Balance bunkering of fuels 5.....	-30,481	-39,445	-46,617	-43,031	-32,274	-32,273
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>426,360</b>	<b>464,664</b>	<b>486,034</b>	<b>484,698</b>	<b>516,522</b>	<b>546,828</b>

\* Including energy consumption of biodiesel.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

5 Mileages of non-residents on the territory minus mileages of residents abroad.

Table 10.5.6: Energy consumption of gas-diesel oil cars\*  
terajoules

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>3</sup>	2015 <sup>3</sup>
1	A	Products of agriculture, forestry and fishing.....	954	948	938	989	1,006
2	B	Mining and quarrying.....	382	384	378	395	413
3	C	Manufactured products.....	29,068	30,863	30,364	32,602	33,105
4	D	Electricity, gas, steam and air conditioning.....	1,572	1,727	1,698	1,854	1,938
5	E	Water supply; sewerage, waste management and remediation services.....	6,878	6,657	6,564	7,014	7,278
6	F	Constructions and construction works.....	8,097	8,028	7,701	8,566	9,108
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	22,721	23,978	23,665	25,513	27,030
8	H	Transportation and storage services.....	10,962	13,188	13,226	14,375	15,003
9	I	Accommodation and food services.....	1,377	1,517	1,511	1,656	1,762
10	J	Information and communication services.....	8,948	8,747	8,597	9,184	9,533
11	K	Financial and insurance services.....	3,002	3,208	3,188	3,507	3,627
12	L	Real estate services.....	4,234	4,385	4,346	4,767	5,071
13	M	Professional, scientific and technical services.....	33,094	33,265	32,900	35,685	37,472
14	N	Administrative and support services.....	1,761	2,070	2,046	2,236	2,291
15	O	Public administration and defence services.....	5,656	5,920	5,865	6,283	6,526
16	P	Education services.....	768	833	823	919	998
17	Q	Human health and social work services.....	5,335	5,814	5,787	6,349	6,828
18	R-T	Other services.....	18,207	17,713	17,502	18,795	19,537
19		<b>All homogeneous branches.....</b>	<b>163,018</b>	<b>169,244</b>	<b>167,098</b>	<b>180,687</b>	<b>188,526</b>
20		Private households.....	432,720	458,256	495,362	506,163	524,939
21		<b>All homogeneous branches and private households (residents concept) 4.....</b>	<b>595,738</b>	<b>627,500</b>	<b>662,460</b>	<b>686,850</b>	<b>713,465</b>
22		Balance bunkering of fuels 5.....	-25,102	-21,516	-10,778	-8,900	-8,909
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>570,636</b>	<b>605,985</b>	<b>651,682</b>	<b>677,950</b>	<b>704,555</b>

\* Including energy consumption of biodiesel.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 New classification of keeper categories from 01.01.2009 onwards.

3 Preliminary results.

4 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

5 Mileages of non-residents on the territory minus mileages of residents abroad.

Table 10.6.1: CO<sub>2</sub> emissions in road transport by fuel type\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007
1	A	Products of agriculture, forestry and fishing.....	3,587	3,674	3,768
2	B	Mining and quarrying.....	217	202	185
3	C	Manufactured products.....	4,637	4,607	4,452
4	D	Electricity, gas, steam and air conditioning.....	282	293	304
5	E	Water supply; sewerage, waste management and remediation services.....	4,194	4,371	4,488
6	F	Constructions and construction works.....	3,141	3,132	3,056
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	9,267	9,144	9,138
8	H	Transportation and storage services.....	24,426	24,369	24,250
9	I	Accommodation and food services.....	239	234	216
10	J	Information and communication services.....	2,541	2,295	2,314
11	K	Financial and insurance services.....	232	238	224
12	L	Real estate services.....	724	749	721
13	M	Professional, scientific and technical services.....	5,363	5,602	5,571
14	N	Administrative and support services.....	563	387	489
15	O	Public administration and defence services.....	1,636	1,635	1,622
16	P	Education services.....	112	113	116
17	Q	Human health and social work services.....	453	451	478
18	R-T	Other services.....	3,295	3,348	3,316
19		<b>All homogeneous branches.....</b>	<b>64,910</b>	<b>64,844</b>	<b>64,708</b>
20		Private households.....	100,356	95,631	94,702
21		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>165,266</b>	<b>160,474</b>	<b>159,410</b>
22		Balance bunkering of fuels 4.....	-14,104	-13,449	-15,317
24		<b>All homogeneous branches and private households (domestic concept) 5.....</b>	<b>151,162</b>	<b>147,026</b>	<b>144,093</b>
25		Biodiesel.....	4,815	9,223	10,214
26		Bioethanol.....	491	966	868
27		<b>All homogeneous branches and private households (domestic concept including biodiesel).....</b>	<b>156,468</b>	<b>157,215</b>	<b>155,176</b>

\* Without emissions of biodiesel, including "unassigned consumption" (see general notes).

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 Preliminary results.

3 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

4 Mileages of non-residents on the territory minus mileages of residents abroad.

5 Figures according data from the national greenhouse gas inventory of the Federal Environmental Agency for CO<sub>2</sub> emissions in road transport (diesel oil and gasoline together).

Table 10.6.1: CO<sub>2</sub> emissions in road transport by fuel type\*

1,000 tonnes

2008	2009	2010	2011	2012	2013	2014 <sup>2</sup>	2015 <sup>2</sup>	No.
3,837	4,081	4,154	4,336	4,480	4,672	4,779	4,943	1
182	185	190	176	191	196	201	190	2
4,405	4,525	4,772	4,949	5,243	5,272	5,427	5,431	3
325	409	465	429	466	494	519	538	4
4,690	4,565	4,281	4,182	3,939	3,922	3,857	3,899	5
3,149	2,992	3,107	3,423	3,508	3,679	3,751	3,819	6
9,003	8,626	9,037	9,038	9,192	9,252	9,373	9,505	7
24,731	22,843	23,901	24,292	23,848	24,856	25,084	25,777	8
226	213	226	244	275	282	295	308	9
2,427	1,788	1,689	2,046	1,977	1,976	1,983	1,997	10
232	241	263	292	329	329	354	358	11
743	714	724	735	792	813	851	883	12
5,903	6,013	5,874	5,772	5,868	5,859	6,075	6,174	13
515	236	281	317	431	446	463	464	14
1,679	1,723	1,756	1,738	1,801	1,821	1,859	1,890	15
123	114	118	122	126	125	131	139	16
529	594	649	706	790	801	856	902	17
3,542	3,463	3,349	3,264	3,289	3,274	3,344	3,404	18
<b>66,242</b>	<b>63,326</b>	<b>64,837</b>	<b>66,060</b>	<b>66,546</b>	<b>68,070</b>	<b>69,204</b>	<b>70,621</b>	19
92,756	94,237	94,175	95,212	93,747	94,823	94,453	94,049	20
<b>158,998</b>	<b>157,563</b>	<b>159,012</b>	<b>161,272</b>	<b>160,292</b>	<b>162,892</b>	<b>163,657</b>	<b>164,670</b>	21
-15,587	-15,404	-15,593	-15,953	-15,473	-13,698	-13,229	-13,436	22
<b>143,411</b>	<b>142,159</b>	<b>143,419</b>	<b>145,318</b>	<b>144,819</b>	<b>149,194</b>	<b>150,428</b>	<b>151,234</b>	23
7,788	6,324	6,298	5,892	6,038	5,553	5,787	5,296	24
1,176	1,706	2,190	2,312	2,355	2,275	2,319	2,214	25
<b>152,374</b>	<b>150,189</b>	<b>151,907</b>	<b>153,523</b>	<b>153,211</b>	<b>157,023</b>	<b>158,534</b>	<b>158,743</b>	26

Table 10.6.2: CO<sub>2</sub> emissions in road transport by fuel type\*  
1,000 tonnes

No.	Year	Total	Diesel engine		Gasoline engine <sup>1</sup>			
			Diesel <sup>2</sup>	Biodiesel	Petrol	Bioethanol	Liquid gas (cars gas)	Natural gas
<b>All homogeneous branches and private households</b>								
1	2005	170,900	86,595	4,815	78,671	491	153	175
2	2006	171,212	85,668	9,223	74,807	966	299	249
3	2007	171,401	87,762	10,214	71,648	868	581	327
4	2008	169,379	89,779	7,788	69,219	1,176	1,017	400
5	2009	167,616	90,147	6,324	67,416	1,706	1,550	473
6	2010	169,410	93,861	6,298	65,151	2,190	1,418	491
7	2011	171,502	96,272	5,892	64,999	2,312	1,535	491
8	2012	170,711	97,868	6,038	62,424	2,355	1,530	497
9	2013	172,634	101,664	5,553	61,228	2,275	1,500	414
10	2014	173,577	102,511	5,787	61,146	2,319	1,395	418
11	2015	173,826	105,869	5,296	58,801	2,214	1,233	415
<b>including: private households</b>								
12	2005	102,505	28,111	1,398	72,245	450	141	161
13	2006	99,629	26,800	2,606	68,831	888	275	229
14	2007	99,388	28,321	3,039	66,381	805	539	303
15	2008	97,503	28,507	2,341	64,249	1,091	944	371
16	2009	99,741	31,435	2,032	62,802	1,588	1,444	440
17	2010	99,971	33,558	1,985	60,616	2,035	1,320	457
18	2011	101,145	34,726	1,899	60,485	2,149	1,428	457
19	2012	99,804	36,591	1,998	57,156	2,180	1,419	461
20	2013	100,605	38,807	1,902	56,016	2,106	1,391	384
21	2014	100,297	38,729	2,032	55,724	2,137	1,288	386
22	2015	99,451	40,495	1,822	53,554	2,052	1,144	385

\* Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

<sup>1</sup> Without bio-methane.

<sup>2</sup> Including "unassigned consumption" (see general notes).

Table 10.6.3: CO<sub>2</sub> emissions by vehicle categories, gasoline engine \*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trailers and buses	Light duty vehicles	Motorcycles	Other
<b>2005</b>								
1	A	Products of agriculture, forestry and fishing.....	71	50	13	5	1	2
2	B	Mining and quarrying.....	18	16	0	1	0	1
3	C	Manufactured products.....	940	888	0	41	4	6
4	D	Electricity, gas, steam and air conditioning.....	47	35	0	10	0	1
5	E	Water supply; sewerage, waste management and remediation services.....	249	231	0	13	1	4
6	F	Constructions and construction works.....	281	231	0	43	1	6
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,287	1,144	0	118	13	12
8	H	Transportation and storage services.....	366	195	0	164	1	5
9	I	Accommodation and food services.....	103	98	0	4	0	0
10	J	Information and communication services.....	314	293	0	14	2	5
11	K	Financial and insurance services.....	88	88	0	1	0	0
12	L	Real estate services.....	185	177	0	5	1	2
13	M	Professional, scientific and technical services.....	1,604	1,490	0	82	8	25
14	N	Administrative and support services.....	94	87	0	5	0	2
15	O	Public administration and defence services.....	239	171	0	23	2	43
16	P	Education services.....	19	18	0	1	0	0
17	Q	Human health and social work services.....	177	170	0	3	1	3
18	R-T	Other services.....	341	316	0	18	2	5
19		<b>All homogeneous branches.....</b>	<b>6,426</b>	<b>5,698</b>	<b>14</b>	<b>553</b>	<b>39</b>	<b>123</b>
20		Private households.....	72,245	70,295	0	159	1,600	191
21		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>78,671</b>	<b>75,993</b>	<b>14</b>	<b>711</b>	<b>1,639</b>	<b>314</b>
22		Balance bunkering of fuels 3.....	-7,220	-7,220	-	-	-	-
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>71,451</b>	<b>68,773</b>	<b>14</b>	<b>711</b>	<b>1,639</b>	<b>314</b>
<b>2010</b>								
24	A	Products of agriculture, forestry and fishing.....	56	27	23	3	1	2
25	B	Mining and quarrying.....	8	7	0	1	0	0
26	C	Manufactured products.....	629	600	0	23	2	4
27	D	Electricity, gas, steam and air conditioning.....	55	41	0	13	0	1
28	E	Water supply; sewerage, waste management and remediation services.....	195	172	0	15	1	7
29	F	Constructions and construction works.....	167	138	0	24	1	4
30	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,038	915	0	106	7	10
31	H	Transportation and storage services.....	236	181	0	50	1	4
32	I	Accommodation and food services.....	73	70	0	3	0	0
33	J	Information and communication services.....	156	146	0	8	1	2
34	K	Financial and insurance services.....	54	53	0	1	0	0
35	L	Real estate services.....	126	117	0	7	1	1
36	M	Professional, scientific and technical services.....	1,062	990	0	54	6	12
37	N	Administrative and support services.....	46	43	0	2	0	0
38	O	Public administration and defence services.....	164	107	0	20	2	35
39	P	Education services.....	16	14	0	1	1	0
40	Q	Human health and social work services.....	191	185	0	4	1	1
41	R-T	Other services.....	260	241	0	13	2	3
42		<b>All homogeneous branches.....</b>	<b>4,534</b>	<b>4,049</b>	<b>24</b>	<b>347</b>	<b>26</b>	<b>88</b>
43		Private households.....	60,616	58,963	0	168	1,467	18
44		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>65,151</b>	<b>63,013</b>	<b>24</b>	<b>515</b>	<b>1,493</b>	<b>106</b>
45		Balance bunkering of fuels 3.....	-8,169	-8,169	-	-	-	-
46		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>56,982</b>	<b>54,844</b>	<b>24</b>	<b>515</b>	<b>1,493</b>	<b>106</b>



Table 10.6.3: CO<sub>2</sub> emissions by vehicles categories, gasoline engine\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trailers and buses	Light duty vehicles	Motorcycles	Other
<b>2014<sup>4</sup></b>								
93	A	Products of agriculture, forestry and fishing.....	56	22	27	3	1	2
94	B	Mining and quarrying.....	6	6	0	0	0	0
95	C	Manufactured products.....	796	771	0	20	2	3
96	D	Electricity, gas, steam and air conditioning.....	34	24	0	9	0	1
97	E	Water supply; sewerage, waste management and remediation services.....	218	201	0	11	1	5
98	F	Constructions and construction works.....	223	196	0	22	1	3
99	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,190	1,077	0	97	8	8
100	H	Transportation and storage services.....	272	170	0	98	1	3
101	I	Accommodation and food services.....	95	91	0	4	0	0
102	J	Information and communication services.....	198	188	0	7	1	1
103	K	Financial and insurance services.....	78	77	0	1	0	0
104	L	Real estate services.....	176	167	0	7	1	1
105	M	Professional, scientific and technical services.....	1,147	1,086	0	45	6	9
106	N	Administrative and support services.....	131	128	0	2	0	0
107	O	Public administration and defence services.....	171	121	0	20	1	28
108	P	Education services.....	18	16	0	1	1	0
109	Q	Human health and social work services.....	263	256	0	5	1	1
110	R-T	Other services.....	352	336	0	11	2	2
111		<b>All homogeneous branches.....</b>	<b>5,422</b>	<b>4,933</b>	<b>29</b>	<b>362</b>	<b>28</b>	<b>69</b>
112		Private households.....	55,724	54,033	0	107	1,570	15
113		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>61,146</b>	<b>58,966</b>	<b>29</b>	<b>469</b>	<b>1,598</b>	<b>84</b>
114		Balance bunkering of fuels 3.....	-6,718	-6,718	-	-	-	-
115		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>54,428</b>	<b>52,248</b>	<b>29</b>	<b>469</b>	<b>1,598</b>	<b>84</b>
<b>2015<sup>4</sup></b>								
116	A	Products of agriculture, forestry and fishing.....	56	19	28	3	1	2
117	B	Mining and quarrying.....	6	4	0	0	0	0
118	C	Manufactured products.....	796	754	0	19	2	3
119	D	Electricity, gas, steam and air conditioning.....	34	24	0	9	0	1
120	E	Water supply; sewerage, waste management and remediation services.....	218	198	0	11	1	4
121	F	Constructions and construction works.....	223	188	0	21	1	3
122	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,190	1,039	0	93	7	7
123	H	Transportation and storage services.....	272	154	0	95	1	3
124	I	Accommodation and food services.....	95	89	0	4	0	0
125	J	Information and communication services.....	198	173	0	7	1	1
126	K	Financial and insurance services.....	78	75	0	1	0	0
127	L	Real estate services.....	176	164	0	7	1	1
128	M	Professional, scientific and technical services.....	1,147	1,008	0	43	6	8
129	N	Administrative and support services.....	131	149	0	2	0	0
130	O	Public administration and defence services.....	171	119	0	20	1	26
131	P	Education services.....	18	15	0	1	1	0
132	Q	Human health and social work services.....	263	259	0	5	1	1
133	R-T	Other services.....	352	346	0	10	2	2
134		<b>All homogeneous branches.....</b>	<b>5,422</b>	<b>4,776</b>	<b>29</b>	<b>350</b>	<b>28</b>	<b>64</b>
135		Private households.....	55,724	51,887	0	104	1,549	14
136		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>61,146</b>	<b>56,663</b>	<b>29</b>	<b>454</b>	<b>1,577</b>	<b>77</b>
137		Balance bunkering of fuels 3.....	-6,688	-6,688	-	-	-	-
138		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>52,113</b>	<b>49,976</b>	<b>29</b>	<b>454</b>	<b>1,577</b>	<b>77</b>

\* Including energy consumption of bioethanol.

<sup>1</sup> Classification of products by activity (CPA) in the European Community (2008 version).

<sup>2</sup> Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

<sup>3</sup> Mileages of non-residents on the territory minus mileages of residents abroad.

<sup>4</sup> Preliminary results.

Table 10.6.4: CO<sub>2</sub> emissions by vehicle categories, diesel engine\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trucks, Semi-trailer trucks	Traction engine	Light duty vehicles	Other, buses
<b>2005</b>								
1	A	Products of agriculture, forestry and fishing.....	3,516	75	159	3,074	171	37
2	B	Mining and quarrying.....	199	33	116	2	38	10
3	C	Manufactured products.....	3,698	1,579	994	25	976	124
4	D	Electricity, gas, steam and air conditioning.....	235	55	14	3	117	46
5	E	Water supply; sewerage, waste management and remediation services.....	3,944	379	3,138	11	303	113
6	F	Constructions and construction works.....	2,860	514	830	10	1,397	109
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	7,980	1,656	3,715	21	2,305	283
8	H	Transportation and storage services.....	24,060	605	18,548	10	2,978	1,920
9	I	Accommodation and food services.....	136	73	7	0	49	7
10	J	Information and communication services.....	2,227	531	1,033	6	461	196
11	K	Financial and insurance services.....	144	118	15	1	7	3
12	L	Real estate services.....	539	260	82	4	137	57
13	M	Professional, scientific and technical services.....	3,759	1,694	185	34	1,428	419
14	N	Administrative and support services.....	469	137	157	1	120	53
15	O	Public administration and defence services.....	1,397	271	10	57	316	743
16	P	Education services.....	92	35	28	1	21	8
17	Q	Human health and social work services.....	276	170	5	1	39	61
18	R-T	Other services.....	2,954	1,113	573	24	964	280
19		<b>All homogeneous branches.....</b>	<b>58,484</b>	<b>9,298</b>	<b>29,608</b>	<b>3,283</b>	<b>11,829</b>	<b>4,467</b>
20		Private households.....	28,111	22,551	0	0	2,469	3,091
21		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>86,595</b>	<b>31,849</b>	<b>29,608</b>	<b>3,283</b>	<b>14,298</b>	<b>7,557</b>
22		Balance bunkering of fuels 3.....	-6,884	-2,256	-3,056	0	-1,573	0
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>79,711</b>	<b>29,594</b>	<b>26,552</b>	<b>3,283</b>	<b>12,725</b>	<b>7,557</b>
<b>2010</b>								
24	A	Products of agriculture, forestry and fishing.....	4,099	64	192	3,614	187	41
25	B	Mining and quarrying.....	182	27	108	2	36	9
26	C	Manufactured products.....	4,144	1,856	1,060	28	1,101	98
27	D	Electricity, gas, steam and air conditioning.....	410	135	31	3	209	32
28	E	Water supply; sewerage, waste management and remediation services.....	4,086	484	2,931	12	471	187
29	F	Constructions and construction works.....	2,940	477	786	12	1,585	80
30	G	Wholesale and retail trade services; repair services of motor vehicles.....	7,999	1,445	3,424	24	2,867	238
31	H	Transportation and storage services.....	23,665	996	18,991	11	1,831	1,835
32	I	Accommodation and food services.....	153	88	3	3	56	4
33	J	Information and communication services.....	1,533	372	773	6	315	66
34	K	Financial and insurance services.....	209	190	5	1	10	2
35	L	Real estate services.....	598	289	0	5	249	55
36	M	Professional, scientific and technical services.....	4,811	2,313	163	40	1,983	312
37	N	Administrative and support services.....	235	105	46	2	69	12
38	O	Public administration and defence services.....	1,592	387	18	66	394	727
39	P	Education services.....	102	50	20	1	25	7
40	Q	Human health and social work services.....	458	341	4	4	78	30
41	R-T	Other services.....	3,089	1,294	468	26	1,105	196
42		<b>All homogeneous branches.....</b>	<b>60,303</b>	<b>10,915</b>	<b>29,024</b>	<b>3,862</b>	<b>12,573</b>	<b>3,929</b>
43		Private households.....	33,558	29,253	0	0	3,915	390
44		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>93,861</b>	<b>40,168</b>	<b>29,024</b>	<b>3,862</b>	<b>16,487</b>	<b>4,320</b>
45		Balance bunkering of fuels 3.....	-7,425	-2,388	-3,528	0	-1,508	0
46		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>86,437</b>	<b>37,780</b>	<b>25,496</b>	<b>3,862</b>	<b>14,979</b>	<b>4,320</b>

Table 10.6.4: CO<sub>2</sub> emissions by vehicles categories, diesel engine\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	Total	Cars	Trucks, Semi-trailer trucks	Traction engine	Light duty vehicles	Other, buses
<b>2014<sup>4</sup></b>								
93	A	Products of agriculture, forestry and fishing.....	4,723	69	190	4,217	188	59
94	B	Mining and quarrying.....	194	28	126	2	31	9
95	C	Manufactured products.....	4,629	2,283	1,040	20	1,188	99
96	D	Electricity, gas, steam and air conditioning.....	485	130	20	4	296	36
97	E	Water supply; sewerage, waste management and remediation services.....	3,639	491	2,509	13	450	176
98	F	Constructions and construction works.....	3,528	600	848	15	1,974	92
99	G	Wholesale and retail trade services; repair services of motor vehicles.....	8,183	1,786	3,046	25	3,124	201
100	H	Transportation and storage services.....	24,812	1,006	18,490	13	3,390	1,913
101	I	Accommodation and food services.....	200	116	2	3	75	4
102	J	Information and communication services.....	1,786	643	657	8	413	65
103	K	Financial and insurance services.....	276	246	6	1	22	2
104	L	Real estate services.....	675	334	0	7	281	54
105	M	Professional, scientific and technical services.....	4,929	2,498	135	45	1,956	296
106	N	Administrative and support services.....	333	157	46	3	104	23
107	O	Public administration and defence services.....	1,688	440	22	70	374	782
108	P	Education services.....	114	64	17	1	26	6
109	Q	Human health and social work services.....	593	444	6	5	96	41
110	R-T	Other services.....	2,993	1,316	389	29	1,074	185
111		<b>All homogeneous branches.....</b>	<b>63,780</b>	<b>12,650</b>	<b>27,549</b>	<b>4,479</b>	<b>15,061</b>	<b>4,041</b>
112		Private households.....	38,729	35,406	0	0	2,900	423
113		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>102,509</b>	<b>48,056</b>	<b>27,549</b>	<b>4,479</b>	<b>17,960</b>	<b>4,464</b>
114		Balance bunkering of fuels 3.....	-6,512	-659	-4,238	0	-1,616	0
115		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>95,997</b>	<b>47,398</b>	<b>23,312</b>	<b>4,479</b>	<b>16,345</b>	<b>4,464</b>
<b>2015<sup>4</sup></b>								
116	A	Products of agriculture, forestry and fishing.....	4,723	71	211	4,355	187	66
117	B	Mining and quarrying.....	194	29	114	2	31	9
118	C	Manufactured products.....	4,629	2,292	1,028	20	1,212	99
119	D	Electricity, gas, steam and air conditioning.....	485	137	21	4	306	37
120	E	Water supply; sewerage, waste management and remediation services.....	3,639	501	2,546	13	450	174
121	F	Constructions and construction works.....	3,528	630	791	16	2,075	94
122	G	Wholesale and retail trade services; repair services of motor vehicles.....	8,183	1,870	3,010	25	3,248	206
123	H	Transportation and storage services.....	24,812	1,046	18,954	13	3,516	1,997
124	I	Accommodation and food services.....	200	124	2	3	82	4
125	J	Information and communication services.....	1,786	660	663	8	418	65
126	K	Financial and insurance services.....	276	250	6	1	24	2
127	L	Real estate services.....	675	352	0	7	297	54
128	M	Professional, scientific and technical services.....	4,929	2,606	140	46	2,015	296
129	N	Administrative and support services.....	333	144	44	3	98	24
130	O	Public administration and defence services.....	1,688	454	17	71	378	803
131	P	Education services.....	114	70	17	1	27	7
132	Q	Human health and social work services.....	593	475	7	5	103	44
133	R-T	Other services.....	2,993	1,360	377	29	1,099	185
134		<b>All homogeneous branches.....</b>	<b>63,780</b>	<b>13,071</b>	<b>27,946</b>	<b>4,622</b>	<b>15,567</b>	<b>4,165</b>
135		Private households.....	38,729	37,008	0	0	3,050	436
136		<b>All homogeneous branches and private households (residents concept) 2.....</b>	<b>102,509</b>	<b>50,079</b>	<b>27,946</b>	<b>4,622</b>	<b>18,617</b>	<b>4,602</b>
137		Balance bunkering of fuels 3.....	-6,748	-659	-4,415	0	-1,674	0
138		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>99,118</b>	<b>49,420</b>	<b>23,532</b>	<b>4,622</b>	<b>16,943</b>	<b>4,602</b>

\* Without emissions of biodiesel, including "unassigned consumption" (see general notes).

1 Classification of products by activity (CPA) in the European Community (2008 version).

2 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

3 Mileages of non-residents on the territory minus mileages of residents abroad.

4 Preliminary results.

Table 10.6.5: CO<sub>2</sub> emissions of motor gasoline cars\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008	2009	2010
1	A	Products of agriculture, forestry and fishing.....	50	44	38	35	29	27
2	B	Mining and quarrying.....	16	13	10	9	8	7
3	C	Manufactured products.....	888	811	679	613	579	600
4	D	Electricity, gas, steam and air conditioning.....	35	33	30	30	39	41
5	E	Water supply; sewerage, waste management and remediation services.....	231	239	206	210	188	172
6	F	Constructions and construction works.....	231	205	161	149	129	138
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,144	1,055	952	827	898	915
8	H	Transportation and storage services.....	195	184	157	146	176	181
9	I	Accommodation and food services.....	98	89	74	73	69	70
10	J	Information and communication services.....	293	266	220	219	158	146
11	K	Financial and insurance services.....	88	76	56	52	52	53
12	L	Real estate services.....	177	168	139	137	118	117
13	M	Professional, scientific and technical services.....	1,490	1,432	1,258	1,277	1,057	990
14	N	Administrative and support services.....	87	48	59	60	40	43
15	O	Public administration and defence services.....	171	157	141	134	118	107
16	P	Education services.....	18	16	15	15	15	14
17	Q	Human health and social work services.....	170	166	164	171	180	185
18	R-T	Other services.....	316	296	250	255	261	241
19		<b>All homogeneous branches.....</b>	<b>5,698</b>	<b>5,299</b>	<b>4,611</b>	<b>4,412</b>	<b>4,114</b>	<b>4,049</b>
20		Private households.....	70,295	67,018	64,834	62,691	61,156	58,963
21		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>75,993</b>	<b>72,317</b>	<b>69,444</b>	<b>67,103</b>	<b>65,270</b>	<b>63,013</b>
22		Balance bunkering of fuels 4.....	-7,220	-7,787	-7,353	-7,731	-7,712	-8,169
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>68,773</b>	<b>64,530</b>	<b>62,091</b>	<b>59,372</b>	<b>57,558</b>	<b>54,844</b>
24		Bioethanol.....	491	966	868	1,176	1,706	2,190

\* Without emissions of bioethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 Preliminary results.

3 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

4 Mileages of non-residents on the territory minus mileages of residents abroad.

Table 10.6.5: CO<sub>2</sub> emissions of motor gasoline cars\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>2</sup>	2015 <sup>2</sup>
1	A	Products of agriculture, forestry and fishing.....	26	23	23	22	19
2	B	Mining and quarrying.....	6	6	6	6	4
3	C	Manufactured products.....	630	740	733	771	754
4	D	Electricity, gas, steam and air conditioning.....	31	32	24	24	24
5	E	Water supply; sewerage, waste management and remediation services.....	164	202	198	201	198
6	F	Constructions and construction works.....	145	183	187	196	188
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	921	1,051	1,040	1,077	1,039
8	H	Transportation and storage services.....	150	168	148	170	154
9	I	Accommodation and food services.....	71	88	87	91	89
10	J	Information and communication services.....	168	183	181	188	173
11	K	Financial and insurance services.....	56	74	74	77	75
12	L	Real estate services.....	120	159	158	167	164
13	M	Professional, scientific and technical services.....	962	1,058	1,047	1,086	1,008
14	N	Administrative and support services.....	45	126	126	128	149
15	O	Public administration and defence services.....	103	127	123	121	119
16	P	Education services.....	15	15	15	16	15
17	Q	Human health and social work services.....	200	243	242	256	259
18	R-T	Other services.....	231	333	330	336	346
19		<b>All homogeneous branches.....</b>	<b>4,044</b>	<b>4,810</b>	<b>4,741</b>	<b>4,933</b>	<b>4,776</b>
20		Private households.....	58,802	55,456	54,327	54,033	51,887
21		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>62,846</b>	<b>60,266</b>	<b>59,068</b>	<b>58,966</b>	<b>56,663</b>
22		Balance bunkering of fuels 4.....	-8,278	-8,193	-7,057	-6,718	-6,688
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>54,569</b>	<b>52,074</b>	<b>52,011</b>	<b>52,248</b>	<b>49,976</b>
24		Bioethanol.....	2,312	2,355	2,275	2,319	2,214

\* Without emissions of bioethanol.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 Preliminary results.

3 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

4 Mileages of non-residents on the territory minus mileages of residents abroad.

Table10.6.6: CO<sub>2</sub> emissions of gas-diesel oil cars\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	2005	2006	2007	2008	2009	2010
1	A	Products of agriculture, forestry and fishing.....	75	73	66	64	61	64
2	B	Mining and quarrying.....	33	32	28	27	28	27
3	C	Manufactured products.....	1,579	1,674	1,681	1,617	1,762	1,856
4	D	Electricity, gas, steam and air conditioning.....	55	58	62	70	118	135
5	E	Water supply; sewerage, waste management and remediation services.....	379	455	463	510	494	484
6	F	Constructions and construction works.....	514	512	478	508	442	477
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,656	1,706	1,687	1,559	1,370	1,445
8	H	Transportation and storage services.....	605	660	674	682	913	996
9	I	Accommodation and food services.....	73	76	72	78	80	88
10	J	Information and communication services.....	531	553	537	574	382	372
11	K	Financial and insurance services.....	118	135	140	152	172	190
12	L	Real estate services.....	260	283	279	277	283	289
13	M	Professional, scientific and technical services.....	1,694	1,907	1,983	2,170	2,338	2,313
14	N	Administrative and support services.....	137	87	126	138	85	105
15	O	Public administration and defence services.....	271	315	314	342	358	387
16	P	Education services.....	35	38	41	45	45	50
17	Q	Human health and social work services.....	170	210	230	263	300	341
18	R-T	Other services.....	1,113	1,204	1,218	1,345	1,326	1,294
19		<b>All homogeneous branches.....</b>	<b>9,298</b>	<b>9,978</b>	<b>10,079</b>	<b>10,422</b>	<b>10,557</b>	<b>10,915</b>
20		Private households.....	22,551	23,655	25,108	25,342	27,282	29,253
21		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>31,849</b>	<b>33,632</b>	<b>35,187</b>	<b>35,764</b>	<b>37,839</b>	<b>40,168</b>
22		Balance bunkering of fuels 4.....	-2,256	-2,919	-3,450	-3,184	-2,388	-2,388
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>29,594</b>	<b>30,713</b>	<b>31,737</b>	<b>32,579</b>	<b>35,451</b>	<b>37,780</b>
24		Biodiesel.....	1,957	3,672	4,229	3,288	2,771	2,685

\* Without emissions of biodiesel.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 Preliminary results.

3 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

4 Mileages of non-residents on the territory minus mileages of residents abroad.

Table10.6.6: CO<sub>2</sub> emissions of gas-diesel oil cars\*

1,000 tonnes

No.	CPA <sup>1</sup>	Homogeneous branches	2011	2012	2013	2014 <sup>2</sup>	2015 <sup>2</sup>
1	A	Products of agriculture, forestry and fishing.....	66	66	66	69	71
2	B	Mining and quarrying.....	27	27	27	28	29
3	C	Manufactured products.....	2,025	2,153	2,132	2,283	2,292
4	D	Electricity, gas, steam and air conditioning.....	110	120	119	130	137
5	E	Water supply; sewerage, waste management and remediation services.....	479	465	461	491	501
6	F	Constructions and construction works.....	564	560	541	600	630
7	G	Wholesale and retail trade services; repair services of motor vehicles.....	1,583	1,673	1,662	1,786	1,870
8	H	Transportation and storage services.....	764	920	929	1,006	1,046
9	I	Accommodation and food services.....	96	106	106	116	124
10	J	Information and communication services.....	623	610	604	643	660
11	K	Financial and insurance services.....	209	224	224	246	250
12	L	Real estate services.....	295	306	305	334	352
13	M	Professional, scientific and technical services.....	2,306	2,320	2,310	2,498	2,612
14	N	Administrative and support services.....	123	145	144	157	144
15	O	Public administration and defence services.....	394	413	412	440	454
16	P	Education services.....	54	58	58	64	70
17	Q	Human health and social work services.....	372	405	406	444	475
18	R-T	Other services.....	1,269	1,235	1,229	1,316	1,360
19		<b>All homogeneous branches.....</b>	<b>11,358</b>	<b>11,806</b>	<b>11,735</b>	<b>12,650</b>	<b>13,077</b>
20		Private households.....	30,150	31,939	34,756	35,406	37,008
21		<b>All homogeneous branches and private households (residents concept) 3.....</b>	<b>41,508</b>	<b>43,745</b>	<b>46,490</b>	<b>48,056</b>	<b>50,085</b>
22		Balance bunkering of fuels 4.....	-1,858	-1,592	-798	-659	-659
23		<b>All homogeneous branches and private households (domestic concept) .....</b>	<b>39,651</b>	<b>42,152</b>	<b>45,693</b>	<b>47,398</b>	<b>49,426</b>
24		Biodiesel.....	2,577	2,701	2,542	2,781	2,781

\* Without emissions of biodiesel.

1 Statistical Classification of Products by Activity (CPA) of the European Union (2008 Edition).

2 Preliminary results.

3 Residents concept: including mileages of residents abroad, excluding mileages of non-residents on the territory.

4 Mileages of non-residents on the territory minus mileages of residents abroad.

Table 11.1.1: Land use in Germany

No.	Specification	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>1,000 hectares</b>										
1	Land use for agriculture.....	16,925.7	16,889.6	16,704.0	16,721.3	16,667.3	16,699.6	16,724.8	16,730.7	16,658.9
2	Arable land.....	11,932.5	11,945.1	11,846.7	11,874.1	11,834.0	11,875.9	11,869.2	11,846.4	11,763.0
3	Area of kitchen gardens.....	4.5	3.3	3.9	3.3	2.7	2.9	2.1	2.4	1.7
4	Fruits.....	65.1	65.3	65.3	65.6	64.3	63.4	63.8	64.1	64.1
5	Tree nursery.....	20.7	20.2	20.9	20.7	21.2	20.7	20.8	19.9	19.3
6	Permanent grassland.....	4,788.7	4,741.4	4,654.7	4,644.0	4,630.8	4,621.0	4,650.7	4,677.1	4,694.5
7	Meadows.....	1,755.8	1,772.8	1,899.2	1,812.7	1,832.9	1,826.8	1,829.6	1,844.0	1,876.8
8	Mowing pastures.....	2,297.2	2,225.7	2,544.7	2,630.5	2,599.1	2,584.6	2,620.3	2,651.0	2,630.6
9	Meadows with mountain pastures, excl. rough pastures 1.....	587.4	584.6	-	-	-	-	-	-	-
10	Rough pastures, litter meadows.....	133.8	140.2	188.0	183.9	180.1	191.0	183.2	164.9	170.0
11	From agricultural production excluded permanent grassland.....	14.5	18.1	22.8	16.9	18.7	18.6	17.5	17.2	17.1
12	Vineland.....	98.4	97.4	97.8	97.4	97.5	98.9	99.4	99.6	99.2
13	Christmas tree, basket willows, poplar.....	15.8	16.9	14.6	15.0	15.6	15.8	17.9	20.1	16.4
<b>2000 = 100</b>										
14	Land use for agriculture.....	99.2	99.0	97.9	98.0	97.7	97.8	98.0	98.0	97.6
15	Arable land.....	101.1	101.2	100.4	100.6	100.3	100.6	100.6	100.4	99.7
16	Area of kitchen gardens.....	51.1	37.5	44.6	37.5	30.7	33.0	23.9	27.3	19.6
17	Fruits.....	93.9	94.2	94.2	94.7	92.8	91.5	92.1	92.5	92.5
18	Tree nursery.....	83.5	81.5	84.1	83.5	85.5	83.5	83.9	80.2	77.8
19	Permanent grassland.....	94.9	93.9	92.2	92.0	91.7	91.5	92.1	92.7	93.0
20	Meadows.....	87.8	88.7	95.0	90.7	91.7	91.4	91.5	92.2	93.9
21	Mowing pastures.....	110.3	106.9	122.2	126.3	124.8	124.1	125.9	127.3	126.3
22	Meadows with mountain pastures, excl. rough pastures 1.....	70.7	70.4	-	-	-	-	-	-	-
23	Rough pastures, litter meadows.....	98.7	103.5	138.7	135.7	132.9	141.0	135.2	121.7	125.5
24	From agricultural production excluded permanent grassland.....									
25	Vineland.....	98.7	97.7	98.1	97.7	97.8	99.2	99.7	99.9	99.5
26	Christmas tree, basket willows, poplar.....	117.0	125.2	108.3	111.1	115.6	117.0	132.6	148.9	121.5
<b>Percentage of total</b>										
27	Land use for agriculture.....	100	100	100	100	100	100	100	100	100
28	Arable land.....	70.5	70.7	70.9	71.0	71.0	71.1	71.0	70.8	70.6
29	Area of kitchen gardens.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	Fruits.....	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
31	Tree nursery.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
32	Permanent grassland.....	28.3	28.1	27.9	27.8	27.8	27.7	27.8	28.0	28.2
33	Meadows.....	10.4	10.5	11.4	10.8	11.0	10.9	10.9	11.0	11.3
34	Mowing pastures.....	13.6	13.2	15.2	15.7	15.6	15.5	15.7	15.8	15.8
35	Meadows with mountain pastures, excl. rough pastures 1.....	3.5	3.5	-	-	-	-	-	-	-
36	Rough pastures, litter meadows.....	0.8	0.8	1.1	1.1	1.1	1.1	1.1	1.0	1.0
37	From agricultural production excluded permanent grassland.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
38	Vineland.....	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
39	Christmas tree, basket willows, poplar.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

1 2010 pastures incl. mowing pastures and mountain pastures.

Source: Statistisches Bundesamt (Federal Statistical Office), Land- und Forstwirtschaft, Fischerei (Agriculture, Forestry, Fishing) Fachserie 3, Reihe 3.1.2



Table 11.1.2: Harvest volume of field crops  
1,000 tonnes

No.	Cultures	2008	2009	2010 <sup>1</sup>	2011	2012	2013	2014	2015	2016 <sup>2</sup>
1	Cereals.....	50,105	49,748	44,039	41,920	45,397	47,757	52,010	52,354	45,365
2	Bread cereals.....	29,786	29,515	26,683	25,304	26,287	29,708	31,639	33,525	27,639
3	Wheat.....	25,989	25,190	23,783	22,783	22,409	25,019	27,785	26,550	24,464
4	Winter wheat.....	25,710	24,917	23,452	22,396	21,397	24,634	27,415	26,170	24,090
5	Summer wheat.....	240	209	219	314	955	332	296	292	240
6	Durum wheat.....	39	65	112	73	57	53	74	87	135
7	Rye 3.....	3,744	4,270	2,900	2,521	3,878	4,689	3,854	3,488	3,174
8	Mixed winter cereals.....	53	55	-	-	-	-	-	-	-
9	Fodder and industry cereals.....	15,213	15,706	13,144	11,433	13,595	13,662	15,229	14,856	13,709
10	Barley.....	11,967	12,288	10,327	8,734	10,391	10,344	11,563	11,630	10,731
11	Winter barley.....	9,369	10,083	8,622	6,676	7,079	8,398	9,496	9,631	8,959
12	Summer barley.....	2,598	2,205	1,705	2,058	3,312	1,946	2,067	1,999	1,771
13	Oats.....	793	826	598	627	757	628	627	566	536
14	Mixed summer cereals.....	71	78	62	68	152	81	67	62	45
15	Triticale.....	2,381	2,514	2,157	2,004	2,295	2,609	2,972	2,598	2,397
16	Grain maize 4.....	5,106	4,527	4,212	5,184	5,515	4,387	5,142	3,973	4,018
17	Fodder pea.....	141	166	172	155	139	129	155	277	290
18	Beans.....	38	47	50	61	61	60	88	133	154
19	Sweet lupins 5.....	.	.	.	28	32	31	41	38	50
20	Potatoes.....	11,369	11,683	10,143	11,837	10,666	9,670	11,607	10,370	10,772
21	New potatoes.....	458	496	-	-	-	-	-	-	-
22	Late potatoes 6.....	10,911	11,187	-	-	-	-	-	-	-
23	Sugar beets.....	23,003	25,919	22,441	29,578	27,687	22,829	29,748	22,572	25,497
24	Mangel-wurzels 7.....	.	.	-	-	-	-	-	-	-
25	Rape and turnip rape.....	5,155	6,307	5,698	3,870	4,821	5,784	6,247	5,017	4,580
26	Winter rape.....	5,138	6,289	5,688	3,830	4,807	5,771	6,242	5,008	4,574
27	Summer rape, winter- and summer turnip rape	17	18	9	39	15	13	6	9	6
28	Sunflowers.....	49	57	47	53	63	46	46	35	36
29	Roughage, total 8.....	37,248	37,542	32,782	33,491	35,101	32,861	37,325	31,985	34,927
30	Clover, clover/grass.....	1,704	1,808	1,786	1,923	2,075	1,892	2,134	1,728	2,053
31	Lucerne 8.....	288	320	-	-	-	-	-	-	-
32	Grass (for mowing and grazing) 8.....	3,169	3,101	2,533	2,692	2,784	2,477	2,798	1,994	2,108
33	Meadows 8.....	13,794	14,288	12,440	11,532	12,066	11,435	12,885	10,727	12,938
34	Mowing pastures 8.....	18,294	18,026	16,024	17,343	18,176	17,058	19,508	17,535	17,828
35	Silage maize 9.....	70,950	73,553	72,151	96,793	94,789	78,249	99,204	87,219	92,088
36	Cereals for whole plant harvest 9, 10.....	.	.	.	.	1,357	1,616	2,606	2,810	2,598

1 Data are based on a modified classification of types of field crops.

2 Partly preliminary.

3 From 2010 onwards rye and maslin are recorded together.

4 Including corn cob mix.

5 From 2004 to 2009 facultative collection of yield and harvest volumes.

6 Incl. early industrial, fodder and seed potatoes.

7 After 2004 facultative survey.

8 Yield of hectares and harvest quantities of hay (incl. Green fodder and use of pasture).

9 Yield and harvest volumes in green mass.

10 Yield and harvest volumes in green mass (35% dry weight).

Source: Statistisches Bundesamt (Federal Statistical Office), Land- und Forstwirtschaft, Fischerei (Agriculture, Forestry, Fishing) Fachserie 3, Reihe 3.1.2

Table 11.1.3: Yield per hectare of field crops

Quintals

No.	Cultures	2008	2009	2010 <sup>1</sup>	2011	2012	2013	2014	2015	2016 <sup>2</sup>
1	Cereals.....	71.2	72.1	66.9	64.6	69.7	73.2	80.5	75.1	71.8
2	Bread cereals.....	75.2	74.1	—	—	—	—	—	—	—
3	Wheat.....	80.9	78.1	72.1	70.1	73.3	80.0	86.3	80.9	76.4
4	Winter wheat.....	81.3	78.4	72.5	70.6	74.0	80.3	86.8	81.5	76.9
5	Summer wheat.....	55.6	57.3	51.2	52.3	62.7	62.2	60.0	54.7	52.9
6	Durum wheat.....	59.8	58.0	53.1	47.3	49.2	61.3	65.3	46.5	53.3
7	Rye 3.....	50.8	57.0	46.3	41.1	54.7	59.8	61.2	56.6	55.6
8	Mixed winter cereals.....	54.8	55.1	—	—	—	—	—	—	—
9	Fodder and industry cereals.....	59.5	63.9	59.9	53.4	61.1	64.6	71.5	68.7	64.4
10	Barley.....	61.0	65.4	62.9	54.7	61.9	65.9	73.5	71.7	66.9
11	Winter barley.....	66.1	69.5	66.6	56.7	64.9	69.3	77.3	76.9	70.7
12	Summer barley.....	47.8	51.7	49.2	49.0	56.4	54.2	59.8	54.2	52.4
13	Oats.....	44.2	50.8	42.3	43.7	52.0	47.7	50.6	45.1	46.4
14	Mixed summer cereals.....	39.9	45.3	39.2	41.8	47.5	46.7	47.6	43.6	42.0
15	Triticale.....	59.7	62.7	54.3	52.3	61.8	65.7	71.1	64.7	60.5
16	Grain maize 4.....	99.1	98.6	90.9	107.2	105.5	89.1	107.6	88.8	96.5
17	Fodder pea.....	29.3	34.3	30.0	27.7	31.0	34.1	37.2	35.0	33.1
18	Beans.....	34.5	39.5	30.6	35.6	38.9	36.3	42.7	35.4	39.7
19	Sweet lupins 5.....	.	.	.	12.8	17.6	17.9	19.0	12.9	17.5
20	Potatoes.....	437.6	443.0	398.8	457.6	447.5	398.3	474.2	438.1	444.4
21	New potatoes.....	316.0	348.7	—	—	—	—	—	—	—
22	Late potatoes 6.....	444.8	448.4	—	—	—	—	—	—	—
23	Sugar beets.....	622.9	675.6	616.3	743.0	688.5	638.8	798.6	721.7	762.3
24	Mangel-wurzels 7.....	.	.	—	—	—	—	—	—	—
25	Rape and turnip rape.....	37.6	42.9	39.0	29.1	36.9	39.5	44.8	39.0	34.5
26	Winter rape.....	37.7	42.9	39.0	29.3	37.0	39.5	44.8	39.1	34.6
27	Summer rape, winter- and summer turnip rape.....	22.8	26.2	24.5	18.5	21.7	24.0	24.5	24.8	19.9
28	Sunflowers.....	19.6	24.1	18.9	19.8	23.8	21.0	23.0	19.2	21.4
29	Roughage, total 8.....	79.4	80.7	64.6	65.6	68.9	65.1	73.6	63.7	69.2
30	Clover, clover/grass.....	82.9	84.7	72.6	73.0	75.8	69.1	77.9	66.9	78.4
31	Lucerne 8.....	74.2	77.4	—	—	—	—	—	—	—
32	Grass (for mowing and grazing) 8.....	80.7	77.4	65.5	67.7	72.0	68.7	80.6	74.5	75.5
33	Meadows 8.....	78.6	68.5	65.5	63.6	65.8	62.6	70.4	58.2	68.9
34	Mowing pastures 8.....	79.6	81.0	63.0	65.9	69.9	66.0	74.4	66.1	67.8
35	Silage maize 9.....	451.4	445.0	393.8	476.1	464.3	389.7	473.3	413.6	430.8
36	Cereals for whole plant harvest 9, 10.....	.	.	.	.	228.7	239.7	295.1	263.7	261.2

1 Data are based on a modified classification of types of field crops.

2 Partly preliminary.

3 From 2010 onwards rye and maslin are recorded together.

4 Including corn cob mix.

5 From 2004 to 2009 facultative collection of yield and harvest volumes.

6 Incl. early industrial, fodder and seed potatoes.

7 After 2004 facultative survey.

8 Yield of hectares and harvest quantities of hay (incl. Green fodder and use of pasture).

9 Yield and harvest volumes in green mass.

10 Yield and harvest volumes in green mass (35% dry weight).

Source: Statistisches Bundesamt (Federal Statistical Office), Land- und Forstwirtschaft, Fischerei (Agriculture, Forestry, Fishing) Fachserie 3, Reihe 3.1.2

Table 11.1.4: Cultivation area of field crops  
1,000 hectares

No.	Cultures	2008	2009	2010 <sup>1</sup>	2011	2012	2013	2014	2015	2016 <sup>2</sup>
1	Cereals.....	7,038	6,908	6,587	6,491	6,518	6,526	6,461	6,518	6,316
2	Bread cereals.....	3,960	3,985	3,925	3,862	3,766	3,913	3,850	3,899	3,773
3	Wheat.....	3,213	3,226	3,298	3,248	3,057	3,128	3,220	3,283	3,202
4	Winter wheat.....	3,164	3,178	3,234	3,173	2,893	3,066	3,159	3,210	3,131
5	Summer wheat.....	43	36	43	60	152	53	49	53	45
6	Durum wheat.....	6	11	21	15	12	9	11	19	25
7	Rye 3.....	737	749	627	614	709	785	630	616	571
8	Mixed winter cereals.....	10	10	-	-	-	-	-	-	-
9	Fodder and industry cereals.....	2,558	2,459	2,195	2,140	2,226	2,115	2,130	2,164	2,128
10	Barley.....	1,962	1,878	1,642	1,598	1,678	1,570	1,574	1,622	1,605
11	Winter barley.....	1,418	1,452	1,295	1,178	1,090	1,211	1,228	1,253	1,267
12	Summer barley.....	544	426	347	420	588	399	346	369	338
13	Oats.....	179	163	141	143	145	131	124	126	116
14	Mixed summer cereals.....	18	17	15	16	32	17	14	14	11
15	Triticale.....	399	401	397	383	371	397	418	402	396
16	Grain maize 4.....	520	464	467	488	526	497	481	455	416
17	Fodder pea.....	48	48	57	56	45	38	42	79	88
18	Beans.....	11	12	16	17	16	16	21	38	39
19	Sweet lupins 5.....	.	.	.	22	18	17	21	30	29
20	Potatoes.....	260	264	254	259	238	243	245	237	243
21	New potatoes.....	14	14	-	-	-	-	-	-	-
22	Late potatoes 6.....	245	250	-	-	-	-	-	-	-
23	Sugar beets.....	369	384	364	398	402	357	373	313	334
24	Mangel-wurzels 7.....	4	4	3	2	-	-	-	-	-
25	Rape and turnip rape.....	1,371	1,471	1,461	1,329	1,306	1,466	1,394	1,286	1,326
26	Winter rape.....	1,363	1,464	1,457	1,307	1,299	1,460	1,392	1,282	1,323
27	Summer rape, winter- and summer turnip rape.....	7	7	4	21	7	6	2	4	3
28	Sunflowers.....	25	24	25	27	26	22	20	18	17
29	Roughage, total 8.....	4,690	4,654	5,077	5,104	5,092	5,046	5,071	5,021	5,049
30	Clover, clover/grass.....	206	213	246	264	274	274	274	258	262
31	Lucerne 8.....	39	41	-	-	-	-	-	-	-
32	Grass (for mowing and grazing) 8.....	392	401	387	397	386	360	347	268	279
33	Meadows 8.....	1,756	1,773	1,899	1,813	1,833	1,827	1,830	1,844	1,844
34	Mowing pastures 8.....	2,297	2,226	2,545	2,630	2,599	2,585	2,620	2,651	2,631
35	Silage maize 9.....	1,567	1,647	1,829	2,029	2,038	2,003	2,093	2,100	2,138
36	Cereals for whole plant harvest 9, 10.....	.	.	.	.	59	67	88	107	99

1 Data are based on a modified classification of types of field crops.

2 Partly preliminary.

3 From 2010 onwards rye and maslin are recorded together.

4 Including corn cob mix.

5 From 2004 to 2009 facultative collection of yield and harvest volumes.

6 Incl. early industrial, fodder and seed potatoes.

7 After 2004 facultative survey.

8 Yield of hectares and harvest quantities of hay (incl. Green fodder and use of pasture).

9 Yield and harvest volumes in green mass.

10 Yield and harvest volumes in green mass (35% dry weight).

Source: Statistisches Bundesamt (Federal Statistical Office), Land- und Forstwirtschaft, Fischerei (Agriculture, Forestry, Fishing) Fachserie 3, Reihe 3.1.2

Table 11.1.5: Stock of animals

No.	Animals	Unit	2008	2009	2010	2011	2012	2013	2014	2015 <sup>1</sup>	2016 <sup>1,2</sup>
1	Cattles 3.....	1,000	12,970	12,945	12,809	12,563	12,477	12,686	12,742	12,635	12,467
	including:										
2	Beef cows.....	1,000	4,715	4,114	4,358	4,201	4,091	4,167	4,151	4,103	4,028
3	Dairy cows.....	1,000	4,218	4,205	4,183	4,185	4,191	4,268	4,296	4,285	4,218
4	Pigs 3.....	1,000	26,687	26,981	26,509	26,758	28,132	28,133	28,339	27,652	27,376
	including:										
5	fattened pigs.....	1,000	11,166	11,489	11,173	11,216	12,073	12,383	12,408	11,999	12,255
6	Poultry.....	1,000	128,608	128,754	128,900	135,173	141,446	147,719	...	...	...
	including:										
7	Broilers.....	1,000	61,992	64,761	67,531	67,531	67,531	67,531	...	...	...
8	Laying hens.....	1,000	37,402	36,341	35,279	39,515	43,751	47,987	...	...	...
9	Other fattened poultry.....	1,000	14,154	14,470	14,786	15,377	15,969	16,560	...	...	...
10	Sheeps 4.....	1,000	2,437	2,351	2,089	1,658	1,641	1,570	1,601	1,580	1,574
11	Cattles 3.....	2005 = 100	99.5	99.3	98.3	96.4	95.7	97.3	97.8	96.9	95.6
	including:										
12	Beef cows.....	2005 = 100	103.3	90.2	95.5	92.1	89.6	91.3	91.0	89.9	88.2
13	Dairy cows.....	2005 = 100	99.6	99.3	98.8	98.8	98.9	100.7	101.4	101.1	99.6
14	Pigs 3.....	2005 = 100	99.4	100.5	98.7	99.6	104.7	104.7	105.5	103.0	101.9
	including:										
15	fattened pigs.....	2005 = 100	104.7	107.7	104.8	105.2	113.2	116.1	116.4	112.5	114.9
16	Poultry.....	2005 = 100	106.7	106.8	106.9	112.1	117.3	122.5	...	...	...
	including:										
17	Broilers.....	2005 = 100	109.2	114.1	119.0	119.0	119.0	119.0	...	...	...
18	Laying hens.....	2005 = 100	103.4	100.5	97.6	109.3	121.0	132.7	...	...	...
19	Other fattened poultry.....	2005 = 100	106.5	108.9	111.2	115.7	120.1	124.6	...	...	...
20	Sheeps 4.....	2005 = 100	92.2	89.0	79.0	62.7	62.1	59.4	60.6	59.8	...

## Sources:

Statistisches Bundesamt (Federal Statistical Office), Land- und Forstwirtschaft, Fischerei (Agriculture, Forestry, Fishing), Fachserie 3, Reihe 4.1

[www.destatis.de](http://www.destatis.de) > Facts & Figures > Economic Sectors > Agriculture and forestry, fishing > Animals and animal production > Tables

1 Partly preliminary.

2 Status November 2016, preliminary.

3 2000-2012: data of May survey, from 2013 onwards data from November survey.

4 Sheeps: from 2011 limited comparability with previous years.

Table 11.2.1: Land use of products of animal origin

Overview table

No.	Specification	Unit	2008	2009	2010	2011	2012	2013	2014	2015
<b>Produktion of fodder</b>										
1	Domestic production.....	1,000 tonnes	126,413	126,299	118,301	119,173	123,106	117,937	125,475	120,338
2	Fodder imports.....	1,000 tonnes	10,458	10,046	9,596	10,975	11,577	11,289	11,504	11,493
3	Fodder supply.....	1,000 tonnes	136,871	136,345	127,898	130,148	134,682	129,225	136,979	131,831
4	Domestic production.....	2008 = 100	100	99.9	93.6	94.3	97.4	93.3	99.3	95.2
5	Fodder imports.....	2008 = 100	100	96.1	91.8	104.9	110.7	107.9	110.0	109.9
6	Fodder supply.....	2008 = 100	100	99.6	93.4	95.1	98.4	94.4	100.1	96.3
7	Domestic production.....	%	92.4	92.6	92.5	91.6	91.4	91.3	91.6	91.3
8	Fodder imports.....	%	7.6	7.4	7.5	8.4	8.6	8.7	8.4	8.7
9	Fodder supply.....	%	100	100	100	100	100	100	100	100
<b>Land use of fodder</b>										
10	Domestic production.....	1,000 hectares	9,601	9,511	9,864	9,710	9,612	9,497	9,281	9,331
11	Fodder imports.....	1,000 hectares	2,205	2,214	2,214	2,385	2,439	2,428	2,458	2,409
12	Fodder supply.....	1,000 hectares	11,806	11,725	12,078	12,095	12,051	11,925	11,740	11,740
13	Domestic production.....	2008 = 100	100	99.1	102.7	101.1	100.1	98.9	96.7	97.2
14	Fodder imports.....	2008 = 100	100	100.4	100.4	108.2	110.6	110.1	111.5	109.3
15	Fodder supply.....	2008 = 100	100	99.3	102.3	102.5	102.1	101.0	99.4	99.4
<b>Domestic consumption of products of animals<sup>1</sup></b>										
16	Meat.....	1,000 tonnes	2,401	2,493	2,654	2,600	2,435	2,532	2,513	2,490
17	Sausage.....	1,000 tonnes	2,751	2,739	2,640	2,636	2,596	2,515	2,569	2,622
18	Eggs.....	1,000 tonnes	990	1,076	1,125	1,001	991	1,042	1,063	1,090
19	Dairy products.....	1,000 t MFU <sup>2</sup>	1,131	1,100	1,107	1,134	1,137	1,121	1,130	1,179
<b>Land use of products of animals - domestic consumption</b>										
20	Meat.....	1,000 hectares	3,298	3,475	3,710	3,827	3,571	3,587	3,576	3,675
21	Sausage.....	1,000 hectares	3,178	3,157	3,129	3,230	3,124	2,922	2,872	2,975
22	Eggs.....	1,000 hectares	413	417	462	441	513	499	507	515
23	Dairy products.....	1,000 hectares	4,257	4,159	4,316	4,264	4,086	3,752	3,783	3,850
24	<b>Total.....</b>	1,000 hectares	<b>11,146</b>	<b>11,208</b>	<b>11,617</b>	<b>11,762</b>	<b>11,293</b>	<b>10,760</b>	<b>10,738</b>	<b>11,015</b>
<b>Land use of products of animals of domestic consumption (per capita)</b>										
25	Meat and sausage.....	m <sup>2</sup> per capita	802	824	852	879	832	807	796	814
26	Meat.....	m <sup>2</sup> per capita	408	432	462	477	444	445	442	450
27	Sausage.....	m <sup>2</sup> per capita	393	392	390	402	388	362	355	364
28	Eggs.....	m <sup>2</sup> per capita	51	52	58	55	64	62	63	63
29	Dairy products.....	m <sup>2</sup> per capita	527	517	538	531	508	465	467	471

<sup>1</sup> Source: Statistisches Bundesamt (Federal Statistical Office), Vierteljährliche Produktionserhebung im Verarbeitenden Gewerbe (Quarterly production surveys of manufacturing) [GENESIS] and own calculations.

<sup>2</sup> MFU = milk fat unit.

Table 11.2.2: Land use of fodder crops in Germany \*

No.	Specification	Unit	2008	2009	2010	2011	2012	2013	2014	2015
<b>Primary fodder as market products</b>										
1	Cereals.....	1, 000 hectares	3,062	3,103	3,277	3,395	3,267	3,036	3,041	3,077
2	Wheat.....	1, 000 hectares	1,025	995	963	1,147	1,103	921	898	933
3	Rye.....	1, 000 hectares	290	336	380	379	399	394	460	425
4	Barley.....	1, 000 hectares	1,015	994	1,003	1,071	1,046	845	806	819
5	Oats.....	1, 000 hectares	124	109	146	131	92	127	120	120
6	Grain maize.....	1, 000 hectares	334	377	384	321	371	444	429	387
7	Other cereals.....	1, 000 hectares	275	291	401	347	255	306	329	393
8	Pulses.....	1, 000 hectares	55	36	47	24	18	40	31	62
9	Fodder pea.....	1, 000 hectares	39	24	26	10	4	20	13	46
10	Beans.....	1, 000 hectares	8	7	11	9	13	14	8	12
11	Other pulses.....	1, 000 hectares	8	5	10	5	1	6	10	5
12	Oilseeds.....	1, 000 hectares	23	20	22	25	21	17	16	17
<b>Fodder from plants of processing</b>										
13	Brans.....	1, 000 hectares	52	60	74	78	56	56	44	45
14	Oil cake.....	1, 000 hectares	138	71	131	160	111	125	125	127
15	Pulp.....	1, 000 hectares	20	20	23	18	22	25	17	16
16	By-products of corn processing.....	1, 000 hectares	8	8	6	4	3	2	2	8
17	Molasses.....	1, 000 hectares	9	6	4	5	7	3	2	2
18	Oils and fats from plants.....	1, 000 hectares	5	4	6	5	4	23	26	17
<b>Fodder crops and by-products</b>										
19	Clover and lucerne.....	1, 000 hectares	226	251	246	263	274	274	274	258
20	Meadows and pastures.....	1, 000 hectares	4,445	4,400	4,418	4,432	4,430	4,368	4,434	4,290
21	Silage maize.....	1, 000 hectares	1,154	1,153	1,252	1,050	1,088	1,245	1,056	1,257
22	Other feed crops.....	1, 000 hectares	91	100	0	0	0	0	0	0
23	Fodder root crops.....	1, 000 hectares	189	157	169	125	142	132	107	116
24	Potatoes.....	1, 000 hectares	122	120	188	125	169	150	105	37
25	<b>Total.....</b>	<b>1, 000 hectares</b>	<b>9,599</b>	<b>9,510</b>	<b>9,863</b>	<b>9,710</b>	<b>9,612</b>	<b>9,497</b>	<b>9,281</b>	<b>9,330</b>
26	Land use for agriculture 1.....	1, 000 hectares	16,926	16,890	16,704	16,721	16,667	16,700	16,725	16,731
27	Percentage of fodder of land use for agriculture .....	%	56.7	56.3	59.0	58.1	57.7	56.9	55.5	55.8
28	Arable land 1.....	1, 000 hectares	11,933	11,945	11,847	11,874	11,834	11,876	11,869	11,846
29	Fodder on arable land.....	1, 000 hectares	4,836	4,758	5,199	5,014	4,908	4,855	4,573	4,782
30	percentag fodder on arable land.....	%	40.5	39.8	43.9	42.2	41.5	40.9	38.5	40.4
31	Permanent grassland 1.....	1, 000 hectares	4,789	4,741	4,655	4,644	4,631	4,621	4,651	4,677
32	Percentage fodder on permanent grassland.....	%	92.8	92.8	94.9	95.4	95.7	94.5	95.3	91.7

\* According to the classification of the production of fodder in Statistischen Jahrbuch über Ernährung, Landwirtschaft und Forsten, different volumes, own calculations.

1 Source: Statistisches Bundesamt (Federal Statistical Office), Land- und Forstwirtschaft, Fischerei (Agriculture, Forestry, Fishing) Fachserie 3, Reihe 3.1.2

Table 11.2.3: Fodder of livestock by type of animal and origin  
1,000 tonnes

No.	Animals	2008	2009	2010	2011	2012	2013	2014	2015
<b>Domestic production of fodder</b>									
1	Cattles.....	102,609	102,442	95,144	96,353	98,456	94,196	100,297	96,768
2	Beef cattle.....	36,389	35,295	32,674	33,035	33,305	31,842	33,875	32,656
3	Cows and femals cattles.....	53,565	51,792	48,014	48,625	50,066	47,812	51,167	49,256
4	Calves.....	12,655	15,355	14,456	14,694	15,085	14,542	15,255	14,856
5	Pigs.....	13,200	13,135	12,946	12,645	13,285	12,757	13,350	12,458
6	Poultry.....	6,958	7,626	7,336	7,290	8,531	8,269	8,936	8,392
7	Laying hens.....	1,722	1,649	1,580	1,570	2,130	2,061	2,236	2,096
8	Broilers.....	5,236	5,977	5,756	5,720	6,401	6,208	6,700	6,295
9	Horses.....	1,860	1,693	1,574	1,579	1,621	1,551	1,655	1,556
10	Sheeps and goats.....	1,786	1,404	1,301	1,306	1,213	1,163	1,237	1,165
11	<b>Total.....</b>	<b>126,413</b>	<b>126,299</b>	<b>118,301</b>	<b>119,173</b>	<b>123,106</b>	<b>117,937</b>	<b>125,475</b>	<b>120,338</b>
<b>Imports of fodder</b>									
12	Cattles.....	5,208	4,963	4,776	5,281	5,305	5,203	5,318	5,295
13	Beef cattle.....	1,904	1,723	1,658	1,823	1,801	1,788	1,851	1,832
14	Cows and femals cattles.....	2,692	2,529	2,424	2,679	2,708	2,653	2,666	2,648
15	Calves.....	612	711	693	779	796	762	802	815
16	Pigs.....	3,028	2,886	2,738	3,245	3,402	3,306	3,370	3,378
17	Poultry.....	1,996	2,022	1,916	2,258	2,686	2,602	2,634	2,638
18	Laying hens.....	372	320	300	375	490	472	481	484
19	Broilers.....	1,624	1,702	1,616	1,883	2,196	2,130	2,153	2,154
20	Horses.....	145	118	113	128	128	124	127	127
21	Sheeps and goats.....	81	57	55	63	56	54	55	55
22	<b>Total.....</b>	<b>10,458</b>	<b>10,046</b>	<b>9,596</b>	<b>10,975</b>	<b>11,577</b>	<b>11,289</b>	<b>11,504</b>	<b>11,493</b>
<b>Supply</b>									
23	Cattles.....	107,817	107,405	99,920	101,634	103,761	99,399	105,615	102,063
24	Beef cattle.....	38,292	37,018	34,332	34,858	35,106	33,629	35,726	34,488
25	Cows and femals cattles.....	56,257	54,321	50,439	51,303	52,774	50,465	53,833	51,904
26	Calves.....	13,267	16,066	15,149	15,473	15,881	15,304	16,056	15,671
27	Pigs.....	16,228	16,021	15,683	15,890	16,687	16,063	16,720	15,835
28	Poultry.....	8,954	9,648	9,252	9,549	11,217	10,871	11,570	11,030
29	Laying hens.....	2,094	1,969	1,880	1,945	2,620	2,533	2,716	2,580
30	Broilers.....	6,860	7,679	7,372	7,604	8,597	8,338	8,853	8,450
31	Horses.....	2,005	1,811	1,687	1,707	1,748	1,675	1,782	1,683
32	Sheeps and goats.....	1,867	1,461	1,356	1,368	1,269	1,218	1,292	1,220
33	<b>Total.....</b>	<b>136,871</b>	<b>136,345</b>	<b>127,898</b>	<b>130,148</b>	<b>134,682</b>	<b>129,225</b>	<b>136,979</b>	<b>131,831</b>

Table 11.2.4: Fodder of livestock by type of animal and origin  
2008 = 100

No.	Animals	2008	2009	2010	2011	2012	2013	2014	2015
<b>Domestic production of fodder</b>									
1	Cattles.....	100	99.8	92.7	93.9	96.0	91.8	97.7	94.3
2	Beef cattle.....	100	97.0	89.8	90.8	91.5	87.5	93.1	89.7
3	Cows and femals cattles.....	100	96.7	89.6	90.8	93.5	89.3	95.5	92.0
4	Calves.....	100	121.3	114.2	116.1	119.2	114.9	120.5	117.4
5	Pigs.....	100	99.5	98.1	95.8	100.6	96.6	101.1	94.4
6	Poultry.....	100	109.6	105.4	104.8	122.6	118.8	128.4	120.6
7	Laying hens.....	100	95.8	91.7	91.2	123.7	119.7	129.8	121.7
8	Broilers.....	100	114.2	109.9	109.2	122.2	118.6	128.0	120.2
9	Horses.....	100	91.1	84.6	84.9	87.1	83.4	89.0	83.7
10	Sheeps and goats.....	100	78.6	72.9	73.1	67.9	65.1	69.2	65.2
11	<b>Total.....</b>	<b>100</b>	<b>99.9</b>	<b>93.6</b>	<b>94.3</b>	<b>97.4</b>	<b>93.3</b>	<b>99.3</b>	<b>95.2</b>
<b>Imports of fodder</b>									
12	Cattles.....	100	95.3	91.7	101.4	101.9	99.9	102.1	101.7
13	Beef cattle.....	100	90.5	87.1	95.8	94.6	93.9	97.2	96.3
14	Cows and femals cattles.....	100	93.9	90.1	99.5	100.6	98.6	99.0	98.4
15	Calves.....	100	116.1	113.2	127.3	130.0	124.5	130.9	133.1
16	Pigs.....	100	95.3	90.4	107.1	112.3	109.2	111.3	111.5
17	Poultry.....	100	101.3	96.0	113.1	134.6	130.4	132.0	132.2
18	Laying hens.....	100	86.1	80.6	100.8	131.7	126.9	129.2	130.1
19	Broilers.....	100	104.8	99.5	116.0	135.2	131.1	132.6	132.6
20	Horses.....	100	81.3	77.7	88.4	88.1	85.6	87.4	87.3
21	Sheeps and goats.....	100	70.6	67.4	77.3	68.6	67.1	68.3	68.1
22	<b>Total.....</b>	<b>100</b>	<b>96.1</b>	<b>91.8</b>	<b>104.9</b>	<b>110.7</b>	<b>107.9</b>	<b>110.0</b>	<b>109.9</b>
<b>Supply</b>									
23	Cattles.....	100	99.6	92.7	94.3	96.2	92.2	98.0	94.7
24	Beef cattle.....	100	96.7	89.7	91.0	91.7	87.8	93.3	90.1
25	Cows and femals cattles.....	100	96.6	89.7	91.2	93.8	89.7	95.7	92.3
26	Calves.....	100	121.1	114.2	116.6	119.7	115.4	121.0	118.1
27	Pigs.....	100	98.7	96.6	97.9	102.8	99.0	103.0	97.6
28	Poultry.....	100	107.7	103.3	106.6	125.3	121.4	129.2	123.2
29	Laying hens.....	100	94.0	89.8	92.9	125.1	121.0	129.7	123.2
30	Broilers.....	100	111.9	107.5	110.8	125.3	121.5	129.1	123.2
31	Horses.....	100	90.3	84.1	85.1	87.2	83.6	88.9	83.9
32	Sheeps and goats.....	100	78.2	72.6	73.3	67.9	65.2	69.2	65.4
33	<b>Total.....</b>	<b>100</b>	<b>99.6</b>	<b>93.4</b>	<b>95.1</b>	<b>98.4</b>	<b>94.4</b>	<b>100.1</b>	<b>96.3</b>



Table 11.2.5: Fodder of livestock by type of animal and origin  
Percentage of total

No.	Animals	2008	2009	2010	2011	2012	2013	2014	2015
<b>Domestic production of fodder</b>									
1	Cattles.....	81.2	81.1	80.4	80.9	80.0	79.9	79.9	80.4
2	Beef cattle.....	28.8	27.9	27.6	27.7	27.1	27.0	27.0	27.1
3	Cows and femals cattles.....	42.4	41.0	40.6	40.8	40.7	40.5	40.8	40.9
4	Calves.....	10.0	12.2	12.2	12.3	12.3	12.3	12.2	12.3
5	Pigs.....	10.4	10.4	10.9	10.6	10.8	10.8	10.6	10.4
6	Poultry.....	5.5	6.0	6.2	6.1	6.9	7.0	7.1	7.0
7	Laying hens.....	1.4	1.3	1.3	1.3	1.7	1.7	1.8	1.7
8	Broilers.....	4.1	4.7	4.9	4.8	5.2	5.3	5.3	5.2
9	Horses.....	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	Sheeps and goats.....	1.4	1.1	1.1	1.1	1.0	1.0	1.0	1.0
11	<b>Total.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Imports of fodder</b>									
12	Cattles.....	49.8	49.4	49.8	48.1	45.8	46.1	46.2	46.1
13	Beef cattle.....	18.2	17.2	17.3	16.6	15.6	15.8	16.1	15.9
14	Cows and femals cattles.....	25.7	25.2	25.3	24.4	23.4	23.5	23.2	23.0
15	Calves.....	5.9	7.1	7.2	7.1	6.9	6.8	7.0	7.1
16	Pigs.....	29.0	28.7	28.5	29.6	29.4	29.3	29.3	29.4
17	Poultry.....	19.1	20.1	20.0	20.6	23.2	23.1	22.9	23.0
18	Laying hens.....	3.6	3.2	3.1	3.4	4.2	4.2	4.2	4.2
19	Broilers.....	15.5	16.9	16.8	17.2	19.0	18.9	18.7	18.7
20	Horses.....	1.4	1.2	1.2	1.2	1.1	1.1	1.1	1.1
21	Sheeps and goats.....	0.8	0.6	0.6	0.6	0.5	0.5	0.5	0.5
22	<b>Total.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Supply</b>									
23	Cattles.....	78.8	78.8	78.1	78.1	77.0	76.9	77.1	77.4
24	Beef cattle.....	28.0	27.2	26.8	26.8	26.1	26.0	26.1	26.2
25	Cows and femals cattles.....	41.1	39.8	39.4	39.4	39.2	39.1	39.3	39.4
26	Calves.....	9.7	11.8	11.8	11.9	11.8	11.8	11.7	11.9
27	Pigs.....	11.9	11.8	12.3	12.2	12.4	12.4	12.2	12.0
28	Poultry.....	6.5	7.1	7.2	7.3	8.3	8.4	8.4	8.4
29	Laying hens.....	1.5	1.4	1.5	1.5	1.9	2.0	2.0	2.0
30	Broilers.....	5.0	5.6	5.8	5.8	6.4	6.5	6.5	6.4
31	Horses.....	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
32	Sheeps and goats.....	1.4	1.1	1.1	1.1	0.9	0.9	0.9	0.9
33	<b>Total.....</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Imports of fodder in percent of supply</b>									
34	Cattles.....	4.8	4.6	4.8	5.2	5.1	5.2	5.0	5.2
35	Beef cattle.....	5.0	4.7	4.8	5.2	5.1	5.3	5.2	5.3
36	Cows and femals cattles.....	4.8	4.7	4.8	5.2	5.1	5.3	5.0	5.1
37	Calves.....	4.6	4.4	4.6	5.0	5.0	5.0	5.0	5.2
38	Pigs.....	18.7	18.0	17.5	20.4	20.4	20.6	20.2	21.3
39	Poultry.....	22.3	21.0	20.7	23.7	23.9	23.9	22.8	23.9
40	Laying hens.....	17.8	16.3	16.0	19.3	18.7	18.6	17.7	18.8
41	Broilers.....	23.7	22.2	21.9	24.8	25.5	25.5	24.3	25.5
42	Horses.....	7.2	6.5	6.7	7.5	7.3	7.4	7.1	7.5
43	Sheeps and goats.....	4.3	3.9	4.0	4.6	4.4	4.5	4.3	4.5
44	<b>Total.....</b>	<b>7.6</b>	<b>7.4</b>	<b>7.5</b>	<b>8.4</b>	<b>8.6</b>	<b>8.7</b>	<b>8.4</b>	<b>8.7</b>

Table 11.2.6: Land use for the production of fodder of livestock by type of animal and origin  
1,000 hectares

No.	Animals	2008	2009	2010	2011	2012	2013	2014	2015
<b>Land use of fodder from domestic production</b>									
1	Cattles.....	6,768	6,731	6,840	6,705	6,622	6,680	6,544	6,612
2	Beef cattle.....	2,353	2,251	2,284	2,226	2,205	2,238	2,188	2,212
3	Cows and femals cattles.....	3,701	3,589	3,651	3,590	3,538	3,558	3,490	3,526
4	Calves.....	714	890	905	889	879	884	866	874
5	Pigs.....	1,641	1,575	1,746	1,690	1,643	1,542	1,468	1,439
6	Poultry.....	898	966	1,034	1,073	1,119	1,051	1,048	1,062
7	Laying hens.....	227	212	226	233	286	269	268	272
8	Broilers.....	671	754	808	840	833	782	780	790
9	Horses.....	153	136	140	139	136	134	131	130
10	Sheeps and goats.....	139	103	105	103	92	91	90	88
11	<b>Total.....</b>	<b>9,601</b>	<b>9,511</b>	<b>9,864</b>	<b>9,710</b>	<b>9,612</b>	<b>9,497</b>	<b>9,281</b>	<b>9,331</b>
<b>Land use of imported fodder</b>									
12	Cattles.....	1,096	1,097	1,097	1,149	1,111	1,112	1,123	1,095
13	Beef cattle.....	387	376	375	390	368	373	377	366
14	Cows and femals cattles.....	615	598	598	629	616	612	617	602
15	Calves.....	94	123	124	130	127	127	129	127
16	Pigs.....	628	623	623	693	708	703	715	703
17	Poultry.....	432	455	456	502	582	574	582	574
18	Laying hens.....	77	69	69	80	102	101	103	102
19	Broilers.....	356	386	387	422	479	473	479	471
20	Horses.....	31	26	26	28	27	27	27	27
21	Sheeps and goats.....	17	12	12	13	12	12	12	12
22	<b>Total.....</b>	<b>2,205</b>	<b>2,214</b>	<b>2,214</b>	<b>2,385</b>	<b>2,439</b>	<b>2,428</b>	<b>2,458</b>	<b>2,409</b>
<b>Land use of fodder supply</b>									
23	Cattles.....	7,865	7,828	7,937	7,854	7,733	7,792	7,667	7,707
24	Beef cattle.....	2,740	2,627	2,660	2,616	2,572	2,611	2,566	2,579
25	Cows and femals cattles.....	4,316	4,187	4,249	4,219	4,155	4,170	4,107	4,128
26	Calves.....	808	1,014	1,029	1,019	1,006	1,011	994	1,000
27	Pigs.....	2,270	2,199	2,368	2,384	2,350	2,245	2,183	2,142
28	Poultry.....	1,331	1,420	1,489	1,575	1,701	1,625	1,630	1,636
29	Laying hens.....	304	280	294	313	389	369	371	375
30	Broilers.....	1,027	1,140	1,195	1,262	1,312	1,255	1,259	1,261
31	Horses.....	184	162	166	167	163	160	158	156
32	Sheeps and goats.....	157	115	117	116	104	103	102	100
33	<b>Total.....</b>	<b>11,806</b>	<b>11,725</b>	<b>12,078</b>	<b>12,095</b>	<b>12,051</b>	<b>11,925</b>	<b>11,740</b>	<b>11,740</b>

Table 11.2.7: Land use of products of animal origin - domestic production

No.	Products of animal origin	Unit	2008	2009	2010	2011	2012	2013	2014	2015
<b>Domestic production of products of animal origin</b>										
1	Meat.....	1,000 tonnes	3,231	3,451	3,708	3,787	3,646	3,728	3,775	3,739
2	Cattles.....	1,000 tonnes	564	558	540	496	460	443	465	435
3	Pigs.....	1,000 tonnes	2,096	2,225	2,457	2,555	2,448	2,527	2,515	2,524
4	Broilers.....	1,000 tonnes	541	638	684	706	710	734	774	759
5	Sheep/Goat.....	1,000 tonnes	30	30	28	30	28	23	21	22
6	Sausage .....	1,000 tonnes	2,948	2,939	2,878	2,914	2,879	2,808	2,854	2,934
7	Beef.....	1,000 tonnes	455	442	472	485	463	446	447	467
8	Porc.....	1,000 tonnes	1,997	1,990	1,954	1,963	1,950	1,895	1,923	1,975
9	Chicken.....	1,000 tonnes	492	502	448	462	461	462	480	487
10	Lamb.....	1,000 tonnes	5	5	5	5	5	5	5	5
11	Dairy products 1.....	1,000 t MFU <sup>2</sup>	1,227	1,217	1,240	1,262	1,278	1,282	1,303	1,339
12	Milk.....	1,000 t MFU <sup>2</sup>	121	125	125	125	126	123	120	121
13	Cream.....	1,000 t MFU <sup>2</sup>	148	155	153	150	149	151	155	155
14	Product of yoghurt and kefir.....	1,000 t MFU <sup>2</sup>	46	47	48	49	49	56	60	62
15	Milkshake.....	1,000 t MFU <sup>2</sup>	6	6	7	7	7	7	7	8
16	Milk products.....	1,000 t MFU <sup>2</sup>	61	63	65	67	65	63	61	62
17	Buttermilk products.....	1,000 t MFU <sup>2</sup>	1	1	1	1	1	1	1	1
18	Evaporated milk products.....	1,000 t MFU <sup>2</sup>	27	27	27	26	28	25	27	26
19	Dried milk products.....	1,000 t MFU <sup>2</sup>	34	33	33	36	34	41	43	46
20	Butter.....	1,000 t MFU <sup>2</sup>	385	375	373	395	407	401	408	431
21	Cheese.....	1,000 t MFU <sup>2</sup>	296	279	299	288	292	289	290	294
22	Other dairy products.....	1,000 t MFU <sup>2</sup>	101	106	109	118	121	125	131	133
23	Eggs 3.....	1,000 tonnes	730	723	717	710	751	772	778	793
<b>Land use footprint of products of animal origin from domestic production</b>										
24	Meat.....									
25	Cattles.....	m <sup>2</sup> /kg	29.1	30.6	29.4	30.0	31.3	31.2	30.5	30.7
26	Pigs.....	m <sup>2</sup> /kg	7.1	6.7	6.8	6.9	6.5	6.2	5.9	6.0
27	Broilers.....	m <sup>2</sup> /kg	11.4	11.7	12.4	13.1	12.5	11.9	11.7	11.7
28	Sheep/Goat.....	m <sup>2</sup> /kg	14.8	10.2	12.1	15.0	14.0	15.7	16.2	16.5
29	Sausage .....									
30	Beef.....	m <sup>2</sup> /kg	29.2	30.7	29.6	30.4	32.0	31.8	31.1	31.4
31	Porc.....	m <sup>2</sup> /kg	7.1	6.7	6.8	6.9	6.5	6.2	5.9	6.0
32	Chicken.....	m <sup>2</sup> /kg	11.4	11.7	12.4	13.1	12.5	11.9	11.7	11.7
33	Lamb.....	m <sup>2</sup> /kg	14.8	10.2	12.1	15.0	14.0	15.7	16.2	16.5
34	Dairy products .....									
35	Milk.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
36	Cream.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
37	Product of yoghurt and kefir.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
38	Milkshake.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
39	Milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
40	Buttermilk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
41	Evaporated milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
42	Dried milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
43	Butter.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
44	Cheese.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
45	Other dairy products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
46	Eggs.....	m <sup>2</sup> /kg	4.2	3.9	4.1	4.4	5.2	4.8	4.8	4.7
<b>Land use of products of animal origin from domestic production</b>										
47	Meat.....	1,000 hectares	3,786	3,965	4,140	4,212	3,961	3,855	3,849	3,769
48	Cattles.....	1,000 hectares	1,642	1,708	1,586	1,487	1,440	1,383	1,418	1,336
49	Pigs.....	1,000 hectares	1,480	1,481	1,673	1,757	1,596	1,564	1,488	1,511
50	Broilers.....	1,000 hectares	619	745	847	923	887	872	908	886
51	Sheep/Goat.....	1,000 hectares	44	31	34	46	39	36	35	36
52	Sausage .....	1,000 hectares	3,307	3,275	3,288	3,432	3,335	3,148	3,097	3,228
53	Beef.....	1,000 hectares	1,327	1,359	1,397	1,472	1,481	1,420	1,388	1,469
54	Porc.....	1,000 hectares	1,411	1,325	1,331	1,350	1,272	1,173	1,138	1,183
55	Chicken.....	1,000 hectares	562	587	555	604	576	549	564	568
56	Lamb.....	1,000 hectares	7	5	5	7	6	7	7	7
57	Dairy products.....	1,000 hectares	4,616	4,603	4,838	4,743	4,592	4,289	4,363	4,372
58	Milk.....	1,000 hectares	455	473	489	471	451	411	403	396
59	Cream.....	1,000 hectares	558	586	597	564	534	505	520	507
60	Product of yoghurt and kefir.....	1,000 hectares	172	180	187	185	177	188	200	203
61	Milkshake.....	1,000 hectares	24	24	27	28	24	23	24	25
62	Milk products.....	1,000 hectares	230	236	254	252	232	210	203	201
63	Buttermilk products.....	1,000 hectares	4	4	3	3	3	3	3	3
64	Evaporated milk products.....	1,000 hectares	100	102	104	97	100	84	89	84
65	Dried milk products.....	1,000 hectares	128	125	130	134	123	139	143	151
66	Butter.....	1,000 hectares	1,450	1,418	1,455	1,483	1,463	1,340	1,367	1,407
67	Cheese.....	1,000 hectares	1,114	1,056	1,168	1,081	1,048	968	972	960
68	Other dairy products.....	1,000 hectares	382	401	424	445	435	420	438	434
69	Eggs.....	1,000 hectares	304	280	294	313	389	369	371	375
70	<b>Total.....</b>	<b>1,000 hectares</b>	<b>12,013</b>	<b>12,124</b>	<b>12,560</b>	<b>12,700</b>	<b>12,277</b>	<b>11,662</b>	<b>11,679</b>	<b>11,743</b>
71	Percentage grassland.....	%	46.3	46.8	45.4	43.5	45.4	45.6	45.8	45.8

1 Source: Statistisches Bundesamt (Federal Statistical Office), Vierteljährliche Produktionserhebung im Verarbeitenden Gewerbe (Quarterly production surveys of manufacturing) [GENESIS] and own calculations.

2 MFU = milk fat unity.

3 With smallholder farms.

Table 11.2.8: Land use of products of animal origin - imports

No.	Products of animal origin	Unit	2008	2009	2010	2011	2012	2013	2014	2015
<b>Imports of products of animal origin</b>										
1	Meat.....	1,000 tonnes	1,730	1,717	1,751	1,705	1,742	1,763	1,824	1,831
2	Cattles.....	1,000 tonnes	204	224	239	273	257	255	257	282
3	Pigs.....	1,000 tonnes	1,067	1,015	1,000	906	951	918	954	908
4	Broilers.....	1,000 tonnes	424	445	479	487	506	557	580	604
5	Sheep/Goat.....	1,000 tonnes	35	33	32	39	29	33	33	37
6	Sausage.....	1,000 tonnes	334	355	368	351	347	306	287	288
7	Beef.....	1,000 tonnes	27	30	27	26	19	16	17	17
8	Porc.....	1,000 tonnes	109	107	119	102	102	101	111	114
9	Chicken.....	1,000 tonnes	197	218	223	223	226	189	159	157
10	Dairy products 1.....	1,000 t MFU <sup>2</sup>	355	333	344	359	359	361	376	396
11	Milk.....	1,000 t MFU <sup>2</sup>	85	87	77	85	81	77	93	106
12	Cream.....	1,000 t MFU <sup>2</sup>	8	7	8	9	9	9	9	10
13	Product of yoghurt and kefir.....	1,000 t MFU <sup>2</sup>	5	5	5	5	4	4	4	4
14	Milk products.....	1,000 t MFU <sup>2</sup>	15	13	17	23	24	25	26	22
15	Dried milk products.....	1,000 t MFU <sup>2</sup>	10	10	11	10	10	8	9	9
16	Butter.....	1,000 t MFU <sup>2</sup>	120	107	120	113	113	119	110	113
17	Cheese.....	1,000 t MFU <sup>2</sup>	112	103	106	114	118	119	125	131
18	Other dairy products.....	1,000 t MFU <sup>2</sup>	0	0	0	0	0	0	0	0
19	Eggs 3.....	1,000 tonnes	365	460	504	420	367	377	418	448
<b>Land use of products of animal origin from imports</b>										
20	Meat.....									
21	Cattles.....	m <sup>2</sup> /kg	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
22	Pigs.....	m <sup>2</sup> /kg	7.1	6.7	6.8	6.9	6.5	6.2	5.9	6.0
23	Broilers.....	m <sup>2</sup> /kg	11.4	11.7	12.4	13.1	12.5	11.9	11.7	11.7
24	Sheep/Goat.....	m <sup>2</sup> /kg	14.8	10.2	12.1	15.0	14.0	15.7	16.2	16.5
25	Sausage.....									
26	Beef.....	m <sup>2</sup> /kg	29.2	30.7	29.6	30.4	32.0	31.8	31.1	31.4
27	Porc.....	m <sup>2</sup> /kg	7.1	6.7	6.8	6.9	6.5	6.2	5.9	6.0
28	Chicken.....	m <sup>2</sup> /kg	11.4	11.7	12.4	13.1	12.5	11.9	11.7	11.7
29	Dairy products.....									
30	Milk.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
31	Cream.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
32	Product of yoghurt and kefir.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
33	Milkshake.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
34	Milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
35	Buttermilk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
36	Evaporated milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
37	Dried milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
38	Butter.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
39	Cheese.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
40	Other dairy products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
41	Eggs.....	m <sup>2</sup> /kg	4.2	3.9	4.1	4.4	5.2	4.8	4.8	4.7
<b>Land use of products of animal origin from imports</b>										
42	Meat.....	1,000 hectares	2,289	2,326	2,486	2,658	2,550	2,529	2,557	2,692
43	Cattles.....	1,000 hectares	998	1,096	1,173	1,339	1,258	1,247	1,258	1,382
44	Pigs.....	1,000 hectares	754	676	681	623	620	568	565	544
45	Broilers.....	1,000 hectares	485	520	593	637	631	662	681	706
46	Sheep/Goat.....	1,000 hectares	52	34	39	58	41	51	53	60
47	Sausage.....	1,000 hectares	382	418	436	441	409	338	305	305
48	Beef.....	1,000 hectares	79	92	79	80	60	51	52	53
49	Porc.....	1,000 hectares	77	71	81	70	66	62	66	68
50	Chicken.....	1,000 hectares	226	255	276	292	282	225	187	183
51	Dairy products.....	1,000 hectares	1,336	1,259	1,342	1,350	1,291	1,207	1,259	1,292
52	Milk.....	1,000 hectares	320	330	301	318	292	257	312	348
53	Cream.....	1,000 hectares	30	26	32	32	31	29	30	32
54	Product of yoghurt and kefir.....	1,000 hectares	18	20	21	19	16	13	13	13
55	Milk products.....	1,000 hectares	56	48	68	88	86	84	88	73
56	Evaporated milk products.....	1,000 hectares	39	38	42	39	35	28	30	30
57	Butter.....	1,000 hectares	451	406	466	424	405	397	370	369
58	Cheese.....	1,000 hectares	422	390	412	430	425	399	417	427
59	Eggs.....	1,000 hectares	152	178	207	185	190	180	199	212
60	<b>Total.....</b>	<b>1,000 hectares</b>	<b>4,159</b>	<b>4,181</b>	<b>4,471</b>	<b>4,633</b>	<b>4,440</b>	<b>4,254</b>	<b>4,320</b>	<b>4,501</b>
61	Percentage grassland.....	%	24.0	26.2	26.2	28.9	28.3	29.3	29.1	30.7

1 Source: Statistisches Bundesamt (Federal Statistical Office), Vierteljährliche Produktionserhebung im Verarbeitenden Gewerbe (Quarterly production surveys of manufacturing) [GENESIS] and own calculations.

2 MFU = milk fat unity.

3 With smallholder farms.

Table 11.2.9: Land use of products of animal origin - exports

No.	Products of animal origin	Unit	2008	2009	2010	2011	2012	2013	2014	2015
<b>Exports of products of animal origin</b>										
1	Meat.....	1,000 tonnes	2,560	2,675	2,804	2,892	2,953	2,959	3,087	3,080
2	Cattles.....	1,000 tonnes	357	350	337	333	290	271	282	266
3	Pigs.....	1,000 tonnes	1,792	1,932	2,028	2,100	2,167	2,186	2,274	2,321
4	Broilers.....	1,000 tonnes	405	387	434	454	492	497	526	488
5	Sheep/Goat.....	1,000 tonnes	6	6	6	5	4	5	5	5
6	Sausage.....	1,000 tonnes	531	555	607	629	630	599	573	600
7	Beef.....	1,000 tonnes	38	41	43	47	40	39	38	41
8	Porc.....	1,000 tonnes	373	379	414	420	410	396	373	394
9	Chicken.....	1,000 tonnes	119	134	150	162	179	164	161	165
10	Dairy products 1.....	1,000 t MFU <sup>2</sup>	451	451	478	487	500	521	549	556
11	Milk.....	1,000 t MFU <sup>2</sup>	111	120	114	118	108	105	119	122
12	Cream.....	1,000 t MFU <sup>2</sup>	8	9	9	8	8	8	9	7
13	Product of yoghurt and kefir.....	1,000 t MFU <sup>2</sup>	13	14	14	14	14	15	15	17
14	Milk products.....	1,000 t MFU <sup>2</sup>	29	29	32	33	34	34	34	31
15	Dried milk products.....	1,000 t MFU <sup>2</sup>	39	37	41	44	43	45	49	48
16	Butter.....	1,000 t MFU <sup>2</sup>	85	77	93	90	99	118	125	129
17	Cheese.....	1,000 t MFU <sup>2</sup>	165	165	175	181	194	196	198	200
18	Eggs 3.....	1,000 tonnes	105	107	96	129	127	107	133	151
<b>Land use of products of animal origin from exports</b>										
19	Meat.....									
20	Cattles.....	m <sup>2</sup> /kg	29.1	30.6	29.4	30.0	31.3	31.2	30.5	30.7
21	Pigs.....	m <sup>2</sup> /kg	7.1	6.7	6.8	6.9	6.5	6.2	5.9	6.0
22	Broilers.....	m <sup>2</sup> /kg	11.4	11.7	12.4	13.1	12.5	11.9	11.7	11.7
23	Sheep/Goat.....	m <sup>2</sup> /kg	14.8	10.2	12.1	15.0	14.0	15.7	16.2	16.5
24	Sausage.....									
25	Beef.....	m <sup>2</sup> /kg	29.2	30.7	29.6	30.4	32.0	31.8	31.1	31.4
26	Porc.....	m <sup>2</sup> /kg	7.1	6.7	6.8	6.9	6.5	6.2	5.9	6.0
27	Chicken.....	m <sup>2</sup> /kg	11.4	11.7	12.4	13.1	12.5	11.9	11.7	11.7
28	Dairy products.....									
29	Milk.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
30	Cream.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
31	Product of yoghurt and kefir.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
32	Milkshake.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
33	Milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
34	Buttermilk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
35	Evaporated milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
36	Dried milk products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
37	Butter.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
38	Cheese.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
39	Other dairy products.....	m <sup>2</sup> /kg	37.6	37.8	39.0	37.6	35.9	33.5	33.5	32.7
40	Eggs.....	m <sup>2</sup> /kg	4.2	3.9	4.1	4.4	5.2	4.8	4.8	4.7
<b>Land use of products of animal origin from exports</b>										
41	Meat.....	1,000 hectares	2,777	2,816	2,917	3,043	2,941	2,797	2,830	2,786
42	Cattles.....	1,000 hectares	1,039	1,072	992	998	907	847	860	818
43	Pigs.....	1,000 hectares	1,266	1,286	1,381	1,444	1,413	1,352	1,345	1,389
44	Broilers.....	1,000 hectares	464	452	537	594	615	590	617	570
45	Sheep/Goat.....	1,000 hectares	9	6	7	8	6	8	8	8
46	Sausage.....	1,000 hectares	511	536	596	643	620	565	529	558
47	Beef.....	1,000 hectares	111	127	128	142	129	125	119	129
48	Porc.....	1,000 hectares	264	252	282	289	268	245	221	236
49	Chicken.....	1,000 hectares	136	157	186	212	224	194	189	193
50	Dairy products.....	1,000 hectares	1,695	1,704	1,863	1,829	1,797	1,743	1,838	1,814
51	Milk.....	1,000 hectares	418	452	445	442	389	352	398	400
52	Cream.....	1,000 hectares	32	34	34	31	29	28	29	24
53	Product of yoghurt and kefir.....	1,000 hectares	49	52	54	51	50	50	50	54
54	Milk products.....	1,000 hectares	109	111	123	123	121	113	114	101
55	Dried milk products.....	1,000 hectares	148	140	162	165	155	150	166	158
56	Butter.....	1,000 hectares	318	292	364	336	357	395	418	422
57	Cheese.....	1,000 hectares	622	623	683	680	696	656	663	654
58	Eggs.....	1,000 hectares	44	41	39	57	66	51	63	71
59	<b>Total.....</b>	<b>1,000 hectares</b>	<b>5,027</b>	<b>5,098</b>	<b>5,415</b>	<b>5,571</b>	<b>5,423</b>	<b>5,156</b>	<b>5,260</b>	<b>5,229</b>

1 Assignment based on the 4- and 6-digit codes of the foreign trade statistics.

2 MFU = milk fat unity.

Table 11.2.10: Land use of products of animal origin - domestic consumption

No.	Products of animal origin	Unit	2008	2009	2010	2011	2012	2013	2014	2015
<b>Domestic consumption of products of animal origin</b>										
1	Meat.....	1,000 tonnes	2,401	2,493	2,654	2,600	2,435	2,532	2,513	2,490
2	Cattles.....	1,000 tonnes	411	432	442	436	427	427	440	451
3	Pigs.....	1,000 tonnes	1,371	1,308	1,429	1,361	1,232	1,259	1,195	1,111
4	Broilers.....	1,000 tonnes	559	695	728	739	723	795	828	875
5	Sheep/Goat.....	1,000 tonnes	60	58	55	64	53	51	49	54
6	Sausage.....	1,000 tonnes	2,751	2,739	2,640	2,636	2,596	2,515	2,569	2,622
7	Beef.....	1,000 tonnes	444	431	456	464	441	423	425	443
8	Porc.....	1,000 tonnes	1,733	1,718	1,659	1,645	1,642	1,600	1,662	1,696
9	Chicken.....	1,000 tonnes	570	585	521	523	508	487	478	479
10	Lamb.....	1,000 tonnes	5	5	5	5	5	5	5	5
11	Dairy products.....	1,000 t MFU <sup>1</sup>	1,131	1,100	1,107	1,134	1,137	1,121	1,130	1,179
12	Milk.....	1,000 t MFU <sup>1</sup>	95	93	89	92	99	94	94	105
13	Cream.....	1,000 t MFU <sup>1</sup>	148	153	153	150	149	151	156	158
14	Product of yoghurt and kefir.....	1,000 t MFU <sup>1</sup>	37	39	40	41	40	45	49	50
15	Milkshake.....	1,000 t MFU <sup>1</sup>	6	6	7	7	7	7	7	8
16	Milk products.....	1,000 t MFU <sup>1</sup>	47	46	51	57	55	54	53	53
17	Buttermilk products.....	1,000 t MFU <sup>1</sup>	1	1	1	1	1	1	1	1
18	Evaporated milk products.....	1,000 t MFU <sup>1</sup>	27	27	27	26	28	25	27	26
19	Dried milk products.....	1,000 t MFU <sup>1</sup>	5	6	3	2	1	5	.	7
20	Butter.....	1,000 t MFU <sup>1</sup>	421	405	399	418	421	401	394	415
21	Cheese.....	1,000 t MFU <sup>1</sup>	243	218	230	221	216	212	217	224
22	Other dairy products.....	1,000 t MFU <sup>1</sup>	101	106	109	118	121	125	131	133
23	Eggs.....	1,000 tonnes	990	1,076	1,125	1,001	991	1,042	1,063	1,090
<b>Land use of products of animal origin from domestic consumption</b>										
24	Meat.....	1,000 hectares	3,298	3,475	3,710	3,827	3,571	3,587	3,576	3,675
25	Cattles.....	1,000 hectares	1,602	1,732	1,768	1,828	1,790	1,784	1,817	1,900
26	Pigs.....	1,000 hectares	969	871	973	936	804	779	707	665
27	Broilers.....	1,000 hectares	640	813	902	967	903	944	973	1,022
28	Sheep/Goat.....	1,000 hectares	88	59	67	96	74	80	80	88
29	Sausage.....	1,000 hectares	3,178	3,157	3,129	3,230	3,124	2,922	2,872	2,975
30	Beef.....	1,000 hectares	1,295	1,324	1,349	1,409	1,413	1,346	1,320	1,393
31	Porc.....	1,000 hectares	1,224	1,144	1,130	1,131	1,070	990	983	1,016
32	Chicken.....	1,000 hectares	652	684	645	684	634	579	561	559
33	Lamb.....	1,000 hectares	7	5	5	7	6	7	7	7
34	Dairy products.....	1,000 hectares	4,257	4,159	4,316	4,264	4,086	3,752	3,783	3,850
35	Milk.....	1,000 hectares	357	350	345	347	355	316	316	344
36	Cream.....	1,000 hectares	557	579	595	565	535	506	521	515
37	Product of yoghurt and kefir.....	1,000 hectares	141	148	155	153	143	151	163	162
38	Milkshake.....	1,000 hectares	24	24	27	28	24	23	24	25
39	Milk products.....	1,000 hectares	178	173	199	216	198	180	177	173
40	Buttermilk products.....	1,000 hectares	4	4	3	3	3	3	3	3
41	Evaporated milk products.....	1,000 hectares	100	102	104	97	100	84	89	84
42	Dried milk products.....	1,000 hectares	18	23	11	8	3	17	.	23
43	Butter.....	1,000 hectares	1,582	1,532	1,557	1,571	1,511	1,342	1,318	1,354
44	Cheese.....	1,000 hectares	914	823	896	831	778	711	726	733
45	Other dairy products.....	1,000 hectares	382	401	424	445	435	420	438	434
46	Eggs.....	1,000 hectares	413	417	462	441	513	499	507	515
47	<b>Total.....</b>	<b>1,000 hectares</b>	<b>11,146</b>	<b>11,208</b>	<b>11,617</b>	<b>11,762</b>	<b>11,293</b>	<b>10,760</b>	<b>10,738</b>	<b>11,015</b>
48	Percentage grassland.....	%	38.2	39.4	38.3	38.0	38.6	39.0	38.9	39.4
49	Land use per capita.....	m <sup>2</sup> per capita	1,380	1,393	1,447	1,465	1,404	1,334	1,326	1,348
50	Population.....	mn	80.8	80.5	80.3	80.3	80.4	80.6	81.0	81.7

1 MFU = milk fat unity.

Table 11.3: Greenhouse gas emissions 2013

No.	Greenhouse gases	Emissions		Total
		at home	Abroad <sup>1</sup>	
<b>mn tonnes CO<sub>2</sub> equivalents</b>				
1	Carbon dioxide.....	1,000	466	1,466
2	Methane.....	56	74	130
3	Nitrous oxide.....	38	37	75
4	<b>Sum.....</b>	<b>1,094</b>	<b>577</b>	<b>1,671</b>
<b>Percentage of total</b>				
5	Carbon dioxide.....	68.2	31.8	100
6	Methane.....	43.1	56.9	100
7	Nitrous oxide.....	50.9	49.1	100
8	<b>Sum.....</b>	<b>65.5</b>	<b>34.5</b>	<b>100</b>
<b>Percentage of sum</b>				
9	Carbon dioxide.....	91.4	80.8	87.7
10	Methane.....	5.1	12.8	7.8
11	Nitrous oxide.....	3.5	6.4	4.5
12	<b>Sum.....</b>	<b>100</b>	<b>100</b>	<b>100</b>

<sup>1</sup> In the production of imported consumer goods and intermediate consumption for domestic production of consumer goods.

Table 12.1: Forest balance

Area of wooded land

1,000 hectares

No.	Specification	2014	2015
		<b>Total</b>	
1	Opening area.....	11,422	11,423
2	Afforestation and other increase.....	5	6
3	Deforestation and other decrease.....	-5	-4
4	Statistical reclassification.....	0	0
5	Closing area.....	11,423	11,424
		<b>Available for wood supply</b>	
6	Opening area.....	10,768	10,762
7	Afforestation and other increase.....	5	6
8	Deforestation and other decrease.....	-5	-4
9	Statistical reclassification.....	-6	-12
10	Closing area.....	10,762	10,752
		<b>Not available for wood supply</b>	
11	Opening area.....	654	660
12	Afforestation and other increase.....		
13	Deforestation and other decrease.....		
14	Statistical reclassification.....	6	12
15	Closing area.....	660	673



Table 12.2: Forest balance: wood supply (physical)  
mn m<sup>3</sup> over bark

No.	Specification	2014	2015
		<b>Total</b>	
1	Opening stocks.....	3,730	3,745
2	Net increment.....	102	102
3	Removals of timber.....	-83	-83
4	Irretrievable losses.....	-4	-5
5	Statistical reclassification.....	0	0
6	Closing stocks.....	3,745	3,759
		<b>Available for wood supply</b>	
7	Opening stocks.....	3,516	3,526
8	Net increment.....	97	96
9	Removals of timber.....	-83	-83
10	Irretrievable losses.....	-4	-5
11	Statistical reclassification.....	-2	-4
12	Closing stocks.....	3,526	3,534
		<b>Not available for wood supply</b>	
13	Opening stocks.....	213	219
14	Net increment.....	6	6
15	Removals of timber.....	0	0
16	Irretrievable losses.....	0	0
17	Statistical reclassification.....	2	4
18	Closing stocks.....	219	225

Table 12.3: Forest balance: wood supply (monetary)  
EUR mn

No.	Specification	2014	2015
		<b>Total</b>	
1	Opening stocks.....	123,272	129,269
2	Net increment.....	3,535	3,308
3	Removals of timber.....	-3,036	-2,853
4	Irretrievable losses.....	0	0
5	Revaluation.....	5,497	-8,241
6	Statistical reclassification.....	-0	-0
7	Closing stocks.....	129,269	121,482
		<b>Available for wood supply</b>	
9	Opening stocks.....	123,272	129,269
10	Net increment.....	3,535	3,308
11	Removals of timber.....	-3,036	-2,853
12	Irretrievable losses.....	0	0
13	Revaluation.....	5,497	-8,241
14	Statistical reclassification.....	-0	-0
15	Closing stocks.....	129,269	121,482
		<b>Not available for wood supply<sup>1</sup></b>	
17	Opening stocks.....	-	-
18	Net increment.....	-	-
19	Removals of timber.....	-	-
20	Irretrievable losses.....	-	-
21	Revaluation.....	-	-
22	Statistical reclassification.....	-	-
23	Closing stocks.....	-	-

<sup>1</sup> It is assumed that no uses are made in this area.

Table 12.4: Economic aggregates of the forestry and logging industry

EUR mn

No.	Specification	2014	2015
1	Total output (at basic prices).....	8,603	8,854
2	Of which output for own final use.....	3,535	3,308
3	Goods characteristic of the forestry and logging activity.....	4,164	4,524
4	Trees, tree plants and forest tree seeds.....	0	0
5	Live forest tree plants and tree seeds.....	0	0
6	Forest trees.....	3,197	3,009
7	Wood in the rough.....	4,103	4,469
8	Logs.....	3,670	4,045
9	Fuel wood.....	433	424
10	Non-wood products.....	61	55
11	Services characteristic of the forestry and logging activity.....	861	973
12	Other products from connected secondary activities in the local KAU.....	43	50
13	Other products.....	0	0
14	Total intermediate consumption.....	5,550	5,510
15	Goods input.....	3,558	3,389
16	Trees, tree plants and forest tree seeds.....	3,260	3,077
17	Energy, lubricants.....	274	286
18	Fertilisers and soil improvers.....	16	17
19	Plant protection products and pesticides.....	8	9
20	Services input.....	1,302	1,446
21	Services characteristic of the forestry and logging activity.....	861	973
22	Regular maintenance and repair of equipment.....	266	278
23	Maintenance of buildings.....	175	195
24	Financial intermediation services indirectly measured (FISIM).....	0	0
25	Other goods and services used as inputs.....	690	675
26	Gross value added (at basic prices).....	3,053	3,344
27	Consumption of fixed capital.....	332	337
28	Net value added (at basic prices).....	2,722	3,008
29	Other taxes on production.....	94	111
30	Other subsidies on production.....	41	43
31	Factor income.....	2,668	2,940
32	Compensation of employees.....	1,097	1,141
33	Net operating surplus and mixed income.....	1,571	1,799
34	Net property income.....	48	45
35	Net entrepreneurial income.....	1,524	1,754
36	Gross fixed capital formation (excluding deductible VAT).....	263	292
37	Planting of trees to provide regular income.....	0	0
38	Equipment and buildings.....	259	287
39	Other.....	5	6
40	Net fixed capital formation (excluding deductible VAT).....	-69	-45
41	Changes in inventories.....	338	298
42	Work-in-progress on cultivated biological assets.....	338	298
43	Other changes in inventories.....	0	0
44	Capital transfers (net).....	0	0
45	Total labour input (in 1,000 AWU).....	47	50
46	of which self-employed (in 1,000 AWU).....	0	0

KAU = Kind of Activity Unit. A KAU groups all the parts of an institutional unit in its capacity as producer which located in a single site or in closely located sites, and which contribute to the performance of an activity at the class level (four digits) of the NACE Rev. 2.

VAT = Value Added Tax. VAT is a tax on goods or services collected in stages by enterprises and which is ultimately charged in full to the final purchaser.

AWU = Annual Work Unit. AWU corresponds to the work performed by one person occupied on a full-time basis.

Table 12.5: Supply-use physical table  
Units in accordance with tables of IEEAF\*

No.	Product	Unit	Use							
			Forestry and logging	Manufacture of wood products	Manufacture of pulp	Manufacture of paper	Printing	Recycling	Other	Together
			<b>2014</b>							
1	Standing timber.....	mn m <sup>3</sup> over bark	83.0							83.0
2	Saw logs.....	mn m <sup>3</sup>		36.5						36.5
3	Fuel wood.....	mn m <sup>3</sup>		0.7					4.4	5.1
4	Pulp wood.....	mn m <sup>3</sup>		8.9	5.8					14.7
5	Sawnwood and wood-based panels 1.....	mn m <sup>3</sup>								
6	Other wood products.....	mn m <sup>3</sup>								
7	Paper pulp .....	mn tonnes				19.4				19.4
8	Paper.....	mn tonnes					8.7		11.8	20.5
9	Wood waste as a product.....	mn tonnes		12.4	2.9					15.3
10	Paper waste as a product.....	mn tonnes			16.6			0.3		16.9
			<b>2015</b>							
11	Standing timber.....	mn m <sup>3</sup> over bark	83.2							83.2
12	Saw logs.....	mn m <sup>3</sup>	0.5	35.5						35.9
13	Fuel wood.....	mn m <sup>3</sup>	0.3	0.5					4.4	5.2
14	Pulp wood.....	mn m <sup>3</sup>	0.2	8.7	5.9					14.8
15	Sawnwood and wood-based panels 1.....	mn m <sup>3</sup>								0.0
16	Other wood products.....	mn m <sup>3</sup>								
17	Paper pulp .....	mn tonnes				19.6				19.6
18	Paper.....	mn tonnes					8.7		12.2	20.8
19	Wood waste as a product.....	mn tonnes		12.4	2.9					15.3
20	Paper waste as a product.....	mn tonnes			16.8			0.3		17.0

\* IEEAF = Integrated Environmental and Economic Accounting for Forests.

1 No reliable figures available for intermediate consumption.

Table 12.5: Supply-use physical table  
 Units in accordance with tables of IEEAF\*

Use			Total	Supply									No.
Final consumption	Capital formation	Exports		Forestry and logging	Manufacture of wood products	Manufacture of pulp	Manufacture of paper	Printing	Recycling	Other	Together	Imports	
<b>2014</b>													
	9.2		92.2	92.2							92.2		1
		2.3	38.7	33.9							33.9	4.9	2
15.4		0.1	20.7	19.9							19.9	0.8	3
		1.1	15.8	12.3							12.3	3.5	4
		13.1	42.7		32.9						32.9	9.9	5
					20.9						20.9	4.1	6
	0.8		20.2			16.5					16.5	3.7	7
	13.2		33.8				22.5				22.5	11.2	8
	0.8		16.1		14.3				1.2		15.5	0.7	9
	2.5		19.4				0.2	15.1			15.4	4.0	10
<b>2015</b>													
	8.7		91.9	91.9							91.9		11
		2.6	38.5	34.0							34.0	4.6	12
15.0		0.2	20.4	19.8							19.8	0.6	13
		1.1	15.9	11.9							11.9	4.0	14
		13.2	42.3		31.9						31.9	10.4	15
													16
	0.7		20.3			16.5					16.5	3.8	17
	13.3		34.1				22.6				22.6	11.5	18
	0.8		16.1		14.3				1.2		15.5	0.7	19
	2.7		19.7				0.3	15.4			15.6	4.1	20

Table 12.6: Carbon balance for woody biomass  
mn tonnes carbon

No.	Specification	2014	2015
		<b>Total woody biomass</b>	
1	Openeing stocks.....	1,375.2	1,382.5
2	Net increment.....	38.4	38.4
3	Removals of timber.....	- 29.5	- 29.6
4	Irretrievable losses.....	- 1.6	- 1.6
5	Statistical reclassification.....	- 0.0	- 0.0
6	Closing stocks.....	1,382.5	1,389.6
		<b>Standing timber - total</b>	
7	Openeing stocks.....	885.0	889.9
8	Net increment.....	24.8	24.8
9	Removals of timber.....	- 18.9	- 18.9
10	Irretrievable losses.....	- 1.0	- 1.0
11	Statistical reclassification.....	0.0	0.0
12	Closing stocks.....	889.9	894.8
		<b>Standing timber - available for wood supply</b>	
13	Openeing stocks.....	834.4	837.6
14	Net increment.....	23.1	23.1
15	Removals of timber.....	- 18.9	- 18.9
16	Irretrievable losses.....	- 1.0	- 1.0
17	Statistical reclassification.....	0.0	0.0
18	Closing stocks.....	837.6	840.8
		<b>Standing timber - not available for wood supply</b>	
19	Openeing stocks.....	50.6	52.3
20	Net increment.....	1.7	1.7
21	Removals of timber.....		
22	Irretrievable losses.....		
23	Statistical reclassification.....		
24	Closing stocks.....	52.3	54.1
		<b>Other woody biomass</b>	
25	Openeing stocks.....	490.2	492.5
26	Net increment.....	13.5	13.5
27	Removals of timber.....	- 10.6	- 10.7
28	Irretrievable losses.....	- 0.6	- 0.6
29	Statistical reclassification.....	- 0.0	- 0.0
30	Closing stocks.....	492.5	494.8

Table 12.7: Carbon balance for the forest ecosystem  
mn tonnes carbon

No.	Specification	2014	2015
		<b>Forest ecosystem</b>	
1	Opening stock.....	3,038	3,056
2	Change in carbon stored.....	17	17
3	Closing stock.....	3,056	3,073
		<b>Standing timber</b>	
4	Opening stock.....	885	890
5	Change in carbon stored.....	5	5
6	Closing stock.....	890	895
		<b>Other woody biomass</b>	
7	Opening stock.....	490	493
8	Change in carbon stored.....	2	2
9	Closing stock.....	493	495
		<b>Other biomass in forest</b>	
10	Opening stock.....	253	254
11	Change in carbon stored.....	1	1
12	Closing stock.....	254	255
		<b>Forest soils</b>	
13	Opening stock.....	1,411	1,419
14	Change in carbon stored.....	9	9
15	Closing stock.....	1,419	1,428

Table 12.8: Defoliation\*

Share of area of foliage damage class, level 2 - 4

No.	Specification	Unit	2014	2015
			<b>Total</b>	
1	Transnational survey data.....	%	26	24
2	National survey data.....	%	26	24
3	Corresponding area.....	1,000 hectares	10,628	11,419
			<b>Coniferous</b>	
4	Transnational survey data.....	%	20	20
5	National survey data.....	%	20	21
6	Corresponding area.....	1,000 hectares	5,893	6,331
			<b>Broadleaved</b>	
7	Transnational survey data.....	%	36	29
8	National survey data.....	%	33	28
9	Corresponding area.....	1,000 hectares	4,735	5,088

\* Transnational and national data refer to area damage class 2 to 4 (forest area, where foliage of treetops is obviously damaged). - With regard to partly different shares by national and international statistics the reference area is given as the total of forest area resp. The total of coniferous or broadleaved area.