

# Statistical Compass 1987

Federal Statistical Office



Federal Republic of Germany

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# INTRODUCTORY NOTE

The Statistical Compass is intended for all those who at a glance want to inform themselves on major basic statistics. The inclusion of explanatory texts and graphs should facilitate the understanding of the data material provided, which covers almost all spheres of economic and social life in the Federal Republic of Germany. In addition to selected comparative data for the individual federal Laender, the publication also presents in its annex the respective latest data available on the German Democratic Republic and Berlin (East), as well as on the member countries of the European Communities and the OECD.

This little brochure can of course offer only a small section of the great variety of numerical data available from official statistics. Anyone interested in more detailed information should request a free copy of the comprehensive List of Publications by writing to the Federal Statistical Office or to the publishers Messrs. W. Kohlhammer.

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## Explanation of symbols

- = Numerical value unknown
- = Magnitude zero
- 0 = Less than half of 1 in the last digit occupied, but more than nil
- / = No data because the numerical value is not sufficiently secure

Unless otherwise stated, the data refer to the Federal Republic, they include Berlin (West).

Statist. Bundesamt - Bibliothek



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# CONTENTS

	Page
Geographical and meteorological data . . . . .	2
The Federal Republic of Germany . . . . .	5
Population . . . . .	7
Employment . . . . .	9
Agriculture, forestry, fisheries . . . . .	11
Production industries . . . . .	13
Building activity and dwellings . . . . .	15
Commerce, hotel and restaurant industry, tourism . . . . .	17
Foreign trade . . . . .	18
Transport and communications . . . . .	21
Money and credit, insurance . . . . .	22
Justice . . . . .	24
Education . . . . .	25
Culture . . . . .	27
Public health . . . . .	28
Social security schemes . . . . .	29
Finance and taxes . . . . .	30
Family budget surveys and supply . . . . .	33
Wages and salaries . . . . .	36
Prices . . . . .	37
National product . . . . .	39
Environmental protection . . . . .	41
Federation and Laender . . . . .	42
Appendix	
German Democratic Republic and Berlin (East) . . . . .	44
The Federal Republic of Germany in international comparison . . . . .	46

# GEOGRAPHICAL AND METEOROLOGICAL DATA

## Climate

Temperate oceanic/continental climatic zone with frequent weather changes and prevailing westerly winds.

### Annual precipitations

North German Lowlands	under 500 to 700 mm
Central chain of mountains	700 to over 1 500 mm
Alps	up to over 2 000 mm

## Neighbouring states and length of borders

	4 231 km
Denmark	67 km
Netherlands	576 km
Belgium	155 km
Luxembourg	135 km
France	446 km
Switzerland (excl. Lake of Constance)	334 km
Austria (excl. Lake of Constance)	784 km
Czechoslovakia	356 km
German Democratic Republic	1 378 km

## Elevation of settlements (in metres above/below sea level)

Hochenschwand (highest)	1 008 m
Ihlow-Riepsterhammrich (lowest)	– 2 m

## Mountains (over 2 600 m altitude above sea level)

Zugspitze (Wetterstein Mountains)	2 962 m
Hochwanner (Wetterstein Mountains)	2 746 m
Hoellental Spitze (Wetterstein Mountains)	2 745 m
Watzmann (Berchtesgaden Alps)	2 713 m
Plattspitze (Wetterstein Mountains)	2 679 m
Hochfrottspitze (Algau High Alps)	2 649 m
Maedelegabel (Algau High Alps)	2 645 m
Dreitortspitze (Wetterstein Mountains)	2 633 m
Alp Spitze (Wetterstein Mountains)	2 628 m
Hochkalter (Berchtesgaden Alps)	2 607 m



# Federal Republic of Germany



**Rivers** (of over 200 km of navigable length within the Federal Republic)

	Length <sup>1)</sup>	Of which navigable <sup>1)</sup>
Rhine	865 km	778 km
Weser	440 km	440 km
Main	524 km	396 km
Danube	647 km	386 km
Moselle	242 km	242 km
Ems (up to the Dollart)	371 km	238 km
Elbe	227 km	227 km
Neckar	367 km	203 km

<sup>1)</sup> Within the Federal Republic of Germany.

**Lakes** (with over 20 km<sup>2</sup> of surface)

Lake of Constance (Footlands of the Alps)	538.5 km <sup>2</sup>
incl. part belonging to the Federal Republic of Germany	305.0 km <sup>2</sup>
Chiemsee (Footlands of the Alps)	82.0 km <sup>2</sup>
Starnberger See (Footlands of the Alps)	57.2 km <sup>2</sup>
Ammersee (Footlands of the Alps)	46.6 km <sup>2</sup>
Steinhuder Meer (Northwest German Lowlands)	29.4 km <sup>2</sup>
Grosser Ploener See (Holstein Lake District)	29.0 km <sup>2</sup>
Schaalsee (Mecklenburg Lake District; incl. part belonging to the GDR)	23.3 km <sup>2</sup>
Selenter See (Holstein Lake District)	22.4 km <sup>2</sup>

**Navigable canals** (of over 50 km of length)

Midland Canal (since 1938)	321.3 km
incl. part belonging to the Federal Republic of Germany	258.7 km
Dortmund-Ems Canal (since 1899)	269.0 km
Elbeseitenkanal (North-South Canal, since 1976)	112.5 km
Kiel Canal (since 1895)	98.7 km
Main-Danube Canal (since 1972)	72.0 km
Kuestenkanal (since 1935)	69.6 km
Elbe-Luebeck Canal (since 1900)	62.0 km
Wesel-Datteln Canal (since 1929)	60.2 km

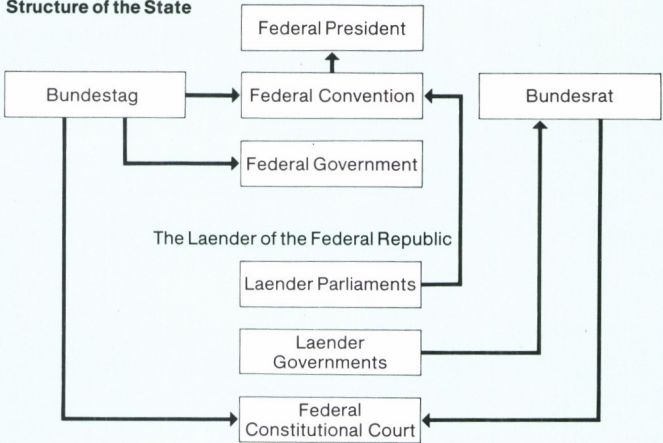
**Barrages** (with a capacity of over 100 mn m<sup>3</sup>)

Schwammenauel (Rur), incl. Paulushof dam	205.5 mn m <sup>3</sup>
Edersee (Eder-Fulda)	202.4 mn m <sup>3</sup>
Bigge (Bigge-Lenne-Ruhr)	171.8 mn m <sup>3</sup>
Forggensee (Lech)	165.0 mn m <sup>3</sup>
Moehne (Moehne-Ruhr)	134.5 mn m <sup>3</sup>
Schluchsee (Schwarza-Wutach)	108.0 mn m <sup>3</sup>
Sylvensteinsee (Isar)	104.0 mn m <sup>3</sup>

# THE FEDERAL REPUBLIC OF GERMANY

The Federal Republic of Germany is a democratic and social constitutional state on a parliamentary basis. Its Constitution is the "Basic Law" of 23 May 1949. The member states of the Federal Republic are the Laender Schleswig-Holstein, Hamburg, Lower Saxony, Bremen, North Rhine-Westphalia, Hesse, Rhineland-Palatinate, Baden-Wuerttemberg, Bavaria, the Saar and Berlin (West). In Berlin (West), the implementation of the Basic Law is subject to certain restrictions.

## Structure of the State



Statistisches Bundesamt 87 0627

Head of State of the Federal Republic of Germany is the Federal President. He represents the Federation in national matters and in its international relations. The Federal President is elected for a five-year term of office by the Federal Convention, specially convened for this purpose. The Federal Convention consists of all members of the Bundestag and an equal number of members elected by the Laender parliaments according to the rules of proportional representation.

Legislative power is vested in the "Bundestag" and the "Bundesrat". The 11th Bundestag comprises 519 members (incl. 1 excess seat of the CDU in Baden-Wuerttemberg), including 22 from Berlin (West) with limited voting rights. According to the position after the 1987 elections, the Social Democratic Party of Germany (SPD) is represented by 193 members, the Christian Democratic Union of Germany (CDU) by 185, while the Christian Social Union (CSU) has 49, the Free Democratic Party (F.D.P.) 48 and THE GREENS 44 members.

Through the Bundesrat, the Laender participate in the legislation and administration of the Federation. The members of the Bundesrat are appointed by the Laender Governments. The total of 45 voices — including four from Berlin (West) with restricted voting rights — are divided among the 11 Laender according to the number of inhabitants.

Executive power is vested in the Federal Government. It consists of the Federal Chancellor, who is elected by the Bundestag on the proposal of the Federal President, and the Federal Ministers who are appointed by the Federal President upon the proposal of the Federal Chancellor.

Under the Basic Law, the judicial authority is vested in the judges, with the Federal Constitutional Court occupying a special position. It decides in particular on the interpretation of the Basic Law in the event of constitutional disputes between government organs, on the compatibility of federal and Laender law with the Basic Law (voidance petitions) as well as on complaints lodged by individual citizens in constitutionality matters. Half of its members are elected by the Bundestag, and half by the Bundesrat.

### Results of Parliamentary Elections

Federal Laender	Election year	SPD	CDU, CSU <sup>1)</sup>	F.D.P.	GREENS	Others
		% <sub>0</sub>				

#### Elections to the Landtage

Schleswig-Holstein	1983	43.7	49.0	2.2	3.6	1.6
Hamburg	1987	45.0	40.5	6.5	7.0 <sup>2)</sup>	1.0
Lower Saxony	1986	42.1	44.3	6.0	7.1	0.5
Bremen	1983	51.3	33.3	4.6	5.4	5.3
N. Rhine-Westph.	1985	52.1	36.5	6.0	4.6	0.8
Hesse	1987	40.2	42.1	7.8	9.4	0.5
Rhineland-Palatinate	1987	38.8	45.1	7.3	5.9	2.9
Baden-Wuerttemberg	1984	32.4	51.9	7.2	8.6	0.5
Bavaria	1986	27.5	55.8	3.8	7.5	5.4
Saar	1985	49.2	37.3	10.0	2.5	1.0
Berlin (West)	1985	32.4	46.4	8.5	10.6 <sup>3)</sup>	2.1

#### Elections to the Bundestag<sup>4)</sup>

<b>Federal Republic</b>	<b>1987</b>	<b>37.0</b>	<b>44.3<sup>5)</sup></b>	<b>9.1</b>	<b>8.3</b>	<b>1.4</b>
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#### European elections

	1984	37.4	46.0 <sup>6)</sup>	4.8	8.2	3.7
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<sup>1)</sup> CSU only in Bavaria. — <sup>2)</sup> GREEN-Alternative List (GAL). — <sup>3)</sup> Alternative List — For Democracy and Environmental Protection (AL). — <sup>4)</sup> Second votes. — <sup>5)</sup> Of which CDU 34.5 % and CSU 9.8 %. — <sup>6)</sup> Of which CDU 37.5 % and CSU 8.5 %.



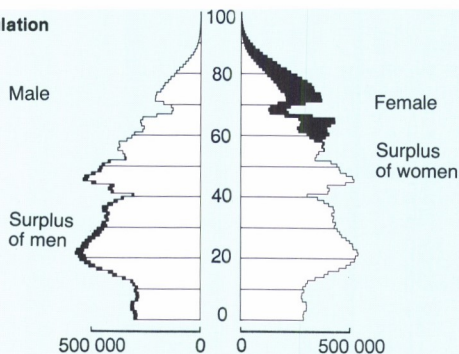
# POPULATION

Data on the total number of the population, its social and demographic structure, as well as its spatial distribution, are provided by the population censuses (latest on 25 May 1987) conducted at several years' intervals. They at the same time serve as basis for the annual sample surveys of the microcensus and the current adjustment of the number of the population; statistics on foreigners are compiled from the data of the Central Register of Foreigners.

	Unit	1960	1970	1986
<b>Administrative structure</b>				
Administrative districts	Number	33	30	26
Kreise	Number	565	542	328
Communities	Number	24 505	22 510	8 506
with . . . inhabitants				
under 2 000	Number	21 013	18 704	4 669
2 000 to under 100 000	Number	3 439	3 747	3 770
100 000 and over	Number	53	59	65
<b>Population</b>	1 000	55 785	61 001	61 140
Incl. foreigners	1 000	686 <sup>1)</sup>	2 977	4 513
Incl.: Turks	1 000	7	469	1 434
Yugoslavs	1 000	16	514	591
Italians	1 000	197	574	537
Greeks	1 000	42	343	279
Inhabitants per km <sup>2</sup>	Number	223	244	245
<b>Age in . . . years</b>				
under 6	%	9	10	6 <sup>2)</sup>
6 to under 15	%	12	14	9 <sup>2)</sup>
15 to under 25	%	16	13	17 <sup>2)</sup>
25 to under 45	%	25	28	28 <sup>2)</sup>
45 to under 65	%	27	23	26 <sup>2)</sup>
65 and over	%	11	13	15 <sup>2)</sup>
<b>Marital status</b>				
Male	1 000	26 173	29 072	29 190 <sup>2)</sup>
Single	%	45	43	44 <sup>2)</sup>
Married	%	52	53	50 <sup>2)</sup>
Widowed and divorced	%	4	4	6 <sup>2)</sup>
Female	1 000	29 612	31 930	31 830 <sup>2)</sup>
Single	%	39	36	35 <sup>2)</sup>
Married	%	46	47	46 <sup>2)</sup>
Widowed and divorced	%	15	16	18 <sup>2)</sup>

	Unit	1960	1970	1986
<b>Religion</b>				
Protestant	%	52 <sup>1)</sup>	49	41 <sup>2)</sup>
Catholic	%	44 <sup>1)</sup>	45	43 <sup>2)</sup>
Others	%	4 <sup>1)</sup>	6	16 <sup>2)</sup>
<b>Households<sup>3)</sup></b>				
One-person households	1 000	4 010 <sup>1)</sup>	5 527	8 863 <sup>2)</sup>
Multi-person households	1 000	15 450 <sup>1)</sup>	16 464	17 504 <sup>2)</sup>
<b>Marriage, divorce</b>				
Marriages	1 000	521	445	372
	Rate <sup>4)</sup>	9.4	7.3	6.1
Average age at marriage				
Male	Years	28.5	28.3	30.3 <sup>2)</sup>
Female	Years	25.2	24.9	27.1 <sup>2)</sup>
Divorces	1 000	49	77	128 <sup>2)</sup>
	Rate <sup>4)</sup>	0.9	1.3	2.1 <sup>2)</sup>
<b>Birth</b>				
Live births	1 000	969	811	626
	Rate <sup>4)</sup>	17.4	13.4	10.3
Incl. illegitimate	1 000	61	44	60
	Rate <sup>5)</sup>	63.3	54.6	95.5
Foetal deaths	1 000	15	8	3
	Rate <sup>6)</sup>	15.3	10.2	4.0
Excess of births (+) or of deaths (-)				
	1 000	+326	+76	-76
	Rate <sup>4)</sup>	+5.9	+1.3	-1.2
Incl. foreigners	1 000	+8	+55	+51

**Age structure of the population  
by age years  
on 31 December 1985**



Statistisches Bundesamt 87 0628

	Unit	1960	1970	1986
<b>Death</b>				
Deaths	1 000	643	735	702
	Rate <sup>4)</sup>	11.6	12.1	11.5
Incl.: During the first 7 days	1 000	20	13	2
	Rate <sup>5)</sup>	20.8	16.4	3.6
Infant deaths	1 000	33	19	5
	Rate <sup>5)</sup>	33.8	23.4	8.6
<b>Life expectancy</b>				
Men	Years	66.9	67.4	71.2 <sup>2)</sup>
Women	Years	72.4	73.8	77.8 <sup>2)</sup>
<b>Migrations</b>				
across the borders				
of the Federal Republic	1 000	884	1 579	941 <sup>2)</sup>
Arrivals	1 000	624	1 072	598
Departures	1 000	260	498	410
Excess of arrivals (+) or departures (-)	1 000	+ 364	+ 574	+ 188
between communities				
of the Federal Republic	1 000	3 242	3 662	2 366

<sup>1)</sup> 1961; results of the population census. — <sup>2)</sup> 1985. — <sup>3)</sup> Excl. institutional households. — <sup>4)</sup> Per 1 000 inhabitants. — <sup>5)</sup> Per 1 000 live births. — <sup>6)</sup> Per 1 000 live births and foetal deaths.

## EMPLOYMENT

Data on the labour-force participation of the population are provided by the occupational censuses conducted in connection with the population censuses, the annual microcensus and the quarterly evaluations of the statistics of persons employed subject to compulsory social insurance. Data on the situation on the labour market are supplied by the Federal Institute for Employment, Nuremberg.

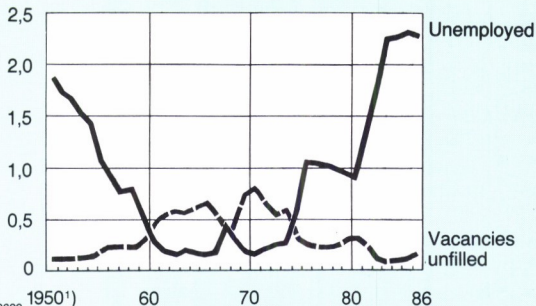
	1960 <sup>1)</sup>	1970 <sup>1)</sup>	1986 <sup>1)</sup>
	1 000	1 000	1 000
<b>Economically active persons</b>	26 247	26 668	25 786
Male	16 500	17 086	15 910
Female	9 747	9 582	9 876

# Unemployed and vacancies unfilled

Million

1) Excl. the Saar.

Statistisches Bundesamt 87 0629



	1960 <sup>1)</sup>	1970 <sup>1)</sup>	1986 <sup>1)</sup>
	1 000	1 000	1 000
Self-employed	3 327	2 690	2 424
Unpaid family workers	2 663	1 732	847
Dependently employed	20 257	22 246	22 515
in agriculture, forestry, animal keeping and fisheries	3 581	2 262	1 345
Self-employed	1 127	767	486
Unpaid family workers	1 963	1 200	610
Dependently employed	491	295	249
in production industries	12 506	13 024	10 544
Self-employed	759	653	544
Unpaid family workers	216	145	69
Dependently employed	11 531	12 226	9 931
in trade, transport and communications	4 585	4 655	4 678
Self-employed	860	664	647
Unpaid family workers	284	207	79
Dependently employed	3 441	3 784	3 952
in other sectors of economy <sup>2)</sup>	5 575	6 727	9 219
Self-employed	581	606	747
Unpaid family workers	200	180	89
Dependently employed	4 794	5 941	8 383



	1960 <sup>1)</sup> 1 000	1970 <sup>1)</sup> 1 000	1986 <sup>1)</sup> 1 000
<b>Foreign labour employed</b>	279 <sup>3)</sup>	1 807	1 592 <sup>4)</sup>
Incl. male	236 <sup>3)</sup>	1 278	1 104 <sup>4)</sup>
<b>Short-time workers</b>	3	10	197
<b>Unemployed</b>	271	149	2 228
Male	178	92	1 200
Female	92	56	1 028
Foreigners	•	5	248
<b>Vacancies unfilled</b>	465	795	154
<b>Placements</b>	3 794	2 988	1965

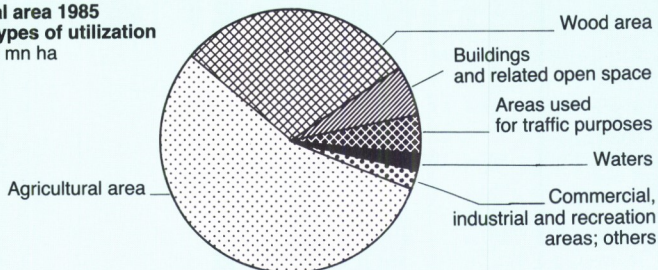
<sup>1)</sup> Annual average. — <sup>2)</sup> Services. — <sup>3)</sup> End of July. — <sup>4)</sup> End of June.

## AGRICULTURE, FORESTRY, FISHERIES

Data in a detailed material and regional breakdown on the structure of holdings, labour employed, land use and livestock of agricultural and forestry holdings, are provided by the censuses of agriculture held at about 10 years' intervals (latest in 1979) and by the annual and biennial surveys of agricultural statistics.

	Unit	1960	1970	1986
<b>Agriculturally used area</b>	1 000 ha	14 266	13 578	12 000 <sup>1)</sup>
Incl.: Arable land	1 000 ha	7 982	7 539	7 251
Permanent grassland	1 000 ha	5 705	5 500	4 537
<b>Woodland</b>	1 000 ha	7 106	7 170	7 360 <sup>2)</sup>
<b>Agricultural holdings with agriculturally used area of . . . ha</b>	1 000	1 385	1 083	708
1 to under 2	1 000	230	155	88
2 to under 5	1 000	387	251	131
5 to under 20	1 000	629	500	281
20 to under 100	1 000	136	174	202
100 and over	1 000	3	3	5

**Total area 1985  
by types of utilization**  
24.9 mn ha



Statistisches Bundesamt 87 0630

	Unit	1960	1970	1986
<b>Agricultural labour<sup>3)</sup></b>	1 000	3 850	2 354	1 494
Incl. family labour	1 000	3 306	2 237	1 417
<b>Harvested quantities</b>				
Grain	1 000 t	15 531	17 297	25 590
Potatoes	1 000 t	24 559	16 250	7 390
Fruit	1 000 t	4 039	3 282	3 479
Vegetables	1 000 t	1 299	1 368	1 372
Wine must	1 000 hl	7 433	9 889	10 062
Timber-cutting	1 000 m <sup>3</sup>	25 148	28 196	31 219 <sup>2)</sup>
<b>Livestock population</b>				
Cattle	1 000	12 872	14 026	15 305
Incl. milk cows	1 000	5 800	5 593	5 391
Pigs	1 000	15 787	20 969	24 503
Sheep	1 000	1 037	843	1 383
Horses	1 000	712	253	368
Milk production	1 000 t	19 264	21 856	26 350
Quantities slaughtered	1 000 t	2 976	3 986	5 054
Catches of sea fisheries	1 000 t	644	591	161

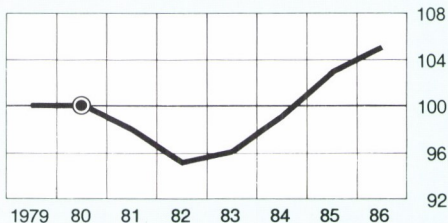
<sup>1)</sup> Decrease partly due to changes of the lower limit of coverage. — <sup>2)</sup> 1985. — <sup>3)</sup> On holdings with 2 ha and over. — Excl. Hamburg, Bremen and Berlin.

# PRODUCTION INDUSTRIES

Production industries comprise energy and water supply, mining, manufacturing and building industry; handicrafts are included. The statistics generally cover only enterprises with 20 and more persons engaged. The central part are the monthly reports; further material is provided on a quarterly basis by the reports on handicrafts and the production surveys, and annually by the surveys on investments and the cost structure.

	Unit	1960	1970	1986
<b>Mining and manufacturing<sup>1)</sup></b>				
Local units <sup>2)</sup>	Number	•	•	44 251
Persons engaged <sup>2)</sup>	1 000	•	8 887	7 063
Manhours worked	mn	•	12 531	7 962
Total wages and salaries	DM bn	•	128	306
Turnover <sup>3)</sup>	DM bn	•	588	1 468
Incl. foreign turnover <sup>3)</sup>	DM bn	•	107	436
<b>Index of orders received<sup>4)</sup></b>				
Manufacturing	1980 = 100	•	53	128
Primary and producers'				
goods industries	1980 = 100	•	54	119
Investment-goods prod. ind.	1980 = 100	•	51	136
Consumer-goods prod. ind.	1980 = 100	•	57	119

**Index of net production  
for production industries  
1980 = 100**



	Unit	1960	1976	1986
<b>Index of net production</b>				
Production industries	1980 = 100	•	91	105
Electricity and gas supply	1980 = 100	•	87	109
Mining and manufacturing	1980 = 100	•	91	107
Mining	1980 = 100	•	104	86
Manufacturing	1980 = 100	•	91	107
Primary and producers' goods industries	1980 = 100	•	93	98
Investment-gds. prod. ind.	1980 = 100	•	88	117
Consumer-gds. prod. ind.	1980 = 100	•	92	97
Food, beverages and tobacco ind.	1980 = 100	•	91	105
Building industry proper	1980 = 100	•	96	87
<b>Index of labour productivity<sup>5)</sup></b>				
per person engaged	1980 = 100	•	90	115
per wage earner	1980 = 100	•	90	118
		<b>1960</b>	<b>1970</b>	<b>1986</b>
<b>Production<sup>6)</sup></b>				
Hard coal (output)	mn t	142	111	81
Petrol, spec. & testing benzines	1 000 t	5 906	14 103	19 809
Fuel oils	1 000 t	13 712	62 170	34 749
Cement (excl. cement clinker)	1 000 t	24 905	33 281	26 580
Pig iron and ferro alloys	1 000 t	25 739	33 627	29 443
Raw steel	1 000 t	34 100	45 041	37 134
Rolled steel	1 000 t	22 531	32 291	27 409
Virgin aluminium	1 000 t	169	309	765
Passenger cars <sup>7)</sup>	1 000	1 818	3 528	4 269
Radio sets	1 000	4 313	6 728	3 936
Television sets	1 000	2 164	2 936	3 895
Plastics	1 000 t	1 019	4 360	7 943
Chemical fibres	1 000 t	282	724	951
Sawn wood	1 000 m <sup>3</sup>	7 739	9 737	9 712
Paper and paperboard	1 000 t	3 439	5 692	9 473
Beer	1 000 hl	47 324	81 624	89 129
Cigarettes	bn	72	130	167
<b>Building industry proper</b>				
Establishments	Number	60 902	64 339	59 132
Persons engaged	1 000	1 406	1 529	1 003
Hours worked	mn	2 604	2 526	1 279



	Unit	1960	1970	1986
Total wages and salaries	DM mn	8 336	22 162	34 752
Turnover of construction	DM bn	25	55 <sup>3)</sup>	105
Index of				
orders received <sup>4)</sup>	1980 = 100	•	•	95
orders on hand <sup>4)</sup>	1980 = 100	•	•	82
production	1980 = 100	•	•	87
<b>Power supply</b>				
Gas	bn m <sup>3</sup>	28	41	32
Electricity	bn kWh	116	243	407
<b>Handicrafts<sup>8)</sup></b>				
Persons engaged	1 000	3 478 <sup>9)</sup>	3 911	3 630
Turnover	DM bn	84 <sup>9)</sup>	173	340 <sup>3)</sup>

1) Local units of enterprises generally with 20 and more persons engaged. — 2) Annual average. — 3) Excl. turnover (value added) tax. — 4) Value index. — 5) Mining and manufacturing. — 6) 1960 excl. Berlin. — 7) Incl. estate cars. — 8) Excl. subsidiary establishments. — 9) 1961; excl. the Saar and Berlin.

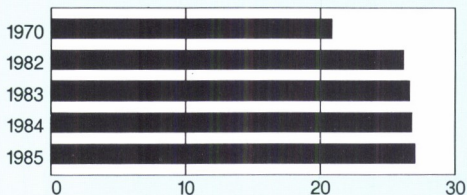
## BUILDING ACTIVITY AND DWELLINGS

The housing and building statistics cover the construction scene from the planning stage up to the completion of buildings. In addition to the monthly building reports, data are supplied mainly by the monthly statistics on building activity which also provide data on building permits and completions of buildings. Structural data of great detail are derived from the censuses of buildings and dwellings (latest in 1987); they also serve as a basis for the annual updating of the dwelling stock and provide the sampling frame for the housing sample surveys (latest in 1978).

	Unit	1960	1970	1986
<b>Work authorized</b>				
Dwellings <sup>1)</sup>	1 000	636	609	219
Residential construction <sup>2)</sup>		235		
Buildings	1 000	•	218	116
Incl. industrialized building	1 000	•	15	11
Volume enclosed	mn m <sup>3</sup>	234	267	117
Dwellings	1 000	580	572	196
Estimated costs of buildings	DM mn	16 249	33 647	37 961

## Development of dwelling stock

Million



Statistisches Bundesamt 87 0632

	Unit	1960	1970	1986
<b>Non-residential construction<sup>2)</sup></b>				
Buildings	1 000	91	47	30
Incl. industrialized building	1 000	•	6	8
Volume enclosed	mn m <sup>3</sup>	157	231	140
Dwellings	1 000	9	13	6
Estimated costs of buildings	DM mn	8 429	20 963	28 477
<b>Work completed</b>				
Dwellings <sup>1)</sup>	1 000	574	478	252
Incl. in residential buildings <sup>2)</sup>	1 000	523	445	228
with . . . rooms <sup>3)</sup>				
1 and 2	%	9	11	11
3	%	22	16	18
4	%	42	31	21
5 and more	%	27	42	50
Living space per dwelling	m <sup>2</sup>	71 <sup>4)</sup>	84	94
<b>Subsidized dwellings</b>				
(permits) <sup>1)</sup>	1 000	327	165	52
<b>Building and dwelling stock</b>				
Residential buildings	1 000	7 396	9 222	11 970 <sup>5)</sup>
Dwellings	1 000	16 139	20 807	27 081 <sup>5)</sup>
with . . . rooms <sup>3)</sup>				
1 and 2	%	16	10	11 <sup>5)</sup>
3	%	31	26	23 <sup>5)</sup>
4	%	29	32	30 <sup>5)</sup>
5 and more	%	24	32	36 <sup>5)</sup>

<sup>1)</sup> In residential and non-residential construction; incl. building measures. — <sup>2)</sup> Newly constructed buildings. — <sup>3)</sup> Incl. kitchens. — <sup>4)</sup> Excl. Berlin. — <sup>5)</sup> 1985.

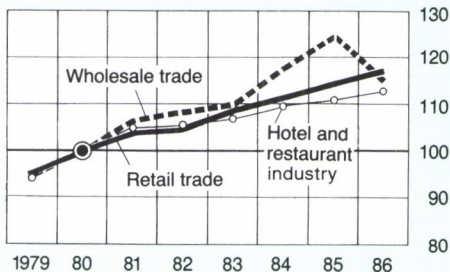
# COMMERCE, HOTEL AND RESTAURANT INDUSTRY, TOURISM

The system of statistics in the hotel and restaurant industry comprises the censuses of distribution conducted at larger intervals (latest in 1985) covering for all enterprises and establishments in particular turnover and number of persons engaged, as well as monthly and annual sample surveys. The data relating to tourism are derived from the accommodation statistics. The statistics of the Berlin trade as well as the trade in goods with the GDR are based on the evaluation of the waybills.

	Unit	1962	1971	1986
<b>Wholesale trade</b>				
Persons engaged	1980 = 100	102	109	95
Raw materials and semi-finished products	1980 = 100	•	109	91
Finished products	1980 = 100	•	109	97
Turnover <sup>1)</sup>	1980 = 100	31	53	115
Raw materials and semi-finished products	1980 = 100	•	48	98
Finished products	1980 = 100	•	59	131
<b>Retail trade</b>				
Persons engaged	1980 = 100	•	101	93
Turnover <sup>2)</sup>	1980 = 100	29	55	117
Department stores	1980 = 100	26	60	94
Mail order houses	1980 = 100	24	58	102

## Turnover of wholesale and retail trade, hotel and restaurant industry 1980 = 100

At current prices



	Unit	1962	1971	1986
<b>Hotel and restaurant industry</b>				
Persons engaged	1980 = 100	•	94	102
Turnover <sup>2)</sup>	1980 = 100	43	63	113
Lodging trade	1980 = 100	35	57	124
Restaurant industry	1980 = 100	47	65	107
<b>Tourism</b>				
		<b>1960</b>	<b>1970</b>	<b>1986</b>
Guest beds	1 000	816	1 110	1 773
Arrivals	mn	30	40	60
Incl. foreign guests	mn	5	8	12
Tourist nights	mn	124	164	219
Incl. foreign guests	mn	12	17	28
Average length of stay of guests	Days	3.9	4.2	3.7
<b>Berlin trade</b>				
Deliveries from Berlin (West)	DM mn	6 697	15 639	36 990
Deliveries to Berlin (West)	DM mn	7 285	16 077	27 238
<b>Merchandise trade with the GDR and Berlin (East)</b>				
Purchases	DM mn	1 122	1 996	6 831
Deliveries	DM mn	960	2 416	7 454

<sup>1)</sup> Excl. turnover (value added) tax. — <sup>2)</sup> Incl. turnover (value added) tax.

## FOREIGN TRADE

Foreign trade statistics present the frontier-crossing trade in goods between the Federal Republic of Germany and foreign countries. For this purpose, the declarations submitted by importers and exporters are forwarded by the customs authorities to the Federal Statistical Office for evaluation. The presentation includes data on quantities and values of imports and exports in a detailed breakdown.

	1970	1976	1986
	DM mn	DM mn	DM mn
<b>Imports</b>			
Foodstuffs etc.	109 606	222 173	413 744
Live animals	20 924	36 037	54 750
	338	565	554

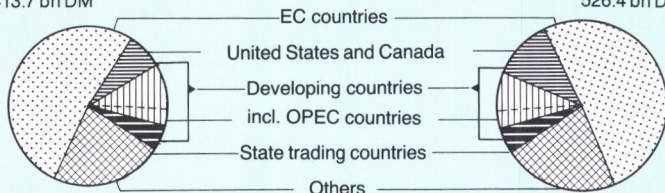


	1970	1976	1986
	DM mn	DM mn	DM mn
Food			
of animal origin	4 815	8 588	13 527
of vegetable origin	12 870	21 802	30 729
Beverages and tobacco	2 901	5 083	9 941
Industrial goods	87 233	183 274	350 857
Raw materials	14 809	36 097	30 873
Semi-finished products	17 660	34 689	60 180
Finished products	54 763	112 488	259 805
Pre-products	16 999	31 423	60 979
Final products	37 764	81 064	198 826
Major commodity groups <sup>1)</sup>			
Chemical products	7 886	17 310	40 158
Electrical goods	5 772	12 731	35 616
Road vehicles	4 925	11 144	29 377
Petroleum, natural gas and bituminous stones	6 293	26 925	27 834
Prod. of mechanical engineering	6 573	10 212	23 602
Textiles	6 792	12 418	22 038
Mineral oil products	2 645	11 439	16 672
Non-ferrous metals & semi-finishes	8 248	8 456	15 014
Major countries of production <sup>1)</sup>			
Netherlands	13 313	30 585	47 798
France	13 899	25 831	47 083
Italy	10 836	18 900	38 092
Great Britain and Northern Ireland	4 264	8 539	29 758
Belgium and Luxembourg	10 388	19 102	29 250
United States	12 066	17 556	26 864
Japan	2 052	5 437	24 030
Switzerland	3 336	6 965	18 494
Austria	2 313	5 150	16 383
<b>Exports</b>	125 276	256 642	526 363
Foodstuffs etc.	4 380	11 412	27 320
Industrial goods	120 194	243 775	495 532
Raw materials	3 188	5 692	7 279
Semi-finished products	9 577	18 688	30 635
Finished products	107 430	219 396	457 617
Pre-products	23 034	45 638	87 544
Final products	84 395	173 758	370 072

### Imports and exports 1986, by groups of countries

Imports<sup>1)</sup>  
413.7 bn DM

Exports<sup>2)</sup>  
526.4 bn DM



<sup>1)</sup> Countries of production. — <sup>2)</sup> Countries of consumption.

Statistisches Bundesamt 87 0634

	1970	1976	1986
	DM mn	DM mn	DM mn
<b>Major commodity groups<sup>1)</sup></b>			
Road vehicles	18 288	37 811	94 890
Products of mechanical engineering	24 194	48 129	82 376
Chemical products	16 660	33 408	70 125
Electrical goods	12 133	25 591	56 943
Iron and steel	8 373	14 747	20 241
Textiles	5 386	9 881	18 356
Iron, steel, sheet and metal goods	4 072	7 040	14 667
Office equipment <sup>2)</sup>	2 318	4 121	13 439
Non-ferrous metals and semi-finishes	2 809	5 164	11 122
Precision and optical goods; clocks and watches	2 725	4 845	10 734
Aircraft and spacecraft	638	2 166	7 340
<b>Major countries of consumption<sup>1)</sup></b>			
France	15 480	33 666	62 331
United States	11 437	14 413	55 206
Netherlands	13 313	24 845	45 458
Great Britain and Northern Ireland	4 456	12 184	44 600
Italy	11 172	18 998	42 879
Belgium-Luxembourg	10 294	20 266	37 172
Switzerland	7 674	11 577	31 033
Austria	5 684	12 544	28 119
Sweden	4 688	9 027	14 747
<b>Export surplus</b>	15 670	34 469	112 619

<sup>1)</sup> Order according to volume of 1986 imports and exports, respectively. — <sup>2)</sup> Incl. data processing machines and equipment.

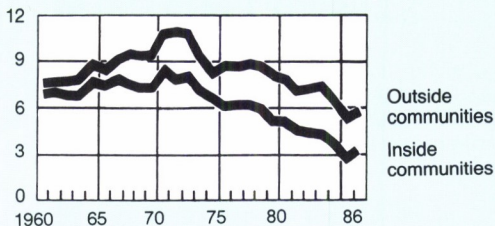
# TRANSPORT AND COMMUNICATIONS

For the individual transport sectors, the presentation comprises data on trafficways, means of transport and transport performance, and generally on enterprises, persons engaged and turnover. Data on road traffic accidents are compiled monthly on the basis of the relevant reports.

	Unit	1960	1970	1986
<b>Trafficways</b>				
Railway lines	km	36 019	33 010	30 425
Roads (other than local)	km	135 268	162 344	173 240
Incl. Federal Autobahn system	km	2 551	4 110	8 350
Motorbus lines	km	320 175	629 441	513 485
<b>Means of transport</b>				
Locomotives and railcars	Number	11 989	10 489	9 054
Wagons	1 000	315	332	304
Passenger cars <sup>1)</sup>	1 000	4 489	13 941	26 917
New registrations of passenger cars <sup>1) 2)</sup>	1 000	970	2 107	2 829
Motor lorries	1 000	681	1 028	1 295
Motorcycles	1 000	1 892	229	1 412
Inland water craft <sup>3)</sup>	Number	7 491	6 336	3 103
Merchant vessels <sup>4)</sup>	1 000 GRT	4 738	8 431	4 233
Aircraft <sup>5)</sup>	Number	1 111	3 792	8 112
<b>Passengers carried</b>				
Railways	mn	1 399	1 054	1 109
Road transport <sup>6)</sup>	mn	6 418	6 170	5 738
Air transport	1 000	4 885	21 340	42 883
<b>Goods carried</b>				
Railways	mn t	344	392	315
Long-distance road haulage	mn t	99	165	351
Inland waterways	mn t	171	240	229
Sea-borne transport	mn t	78	138	135
Air transport	1 000 t	79	315	780
Pipelines	mn t	13	81	59
<b>Communications</b>				
Letters posted	mn	8 498	10 680	13 279
Telephone calls	mn	4 547	10 216	28 989

## Persons killed in road traffic accidents

Thousand



Statistisches Bundesamt 87 0635

	Unit	1960	1970	1986
<b>Road traffic accidents</b>				
Accidents involving personal injury	Number	349 315	377 610	341 921
Persons killed	Number	14 406	19 193	8 948
Persons injured	Number	454 960	531 795	443 217

1) Position: 1 July. — 2) Factory-new vehicles. — 3) Only for goods transport. — 4) Vessels of 100 GRT and over. — 5) Motorized aircraft. — 6) Transport performed by high-speed city railways, tramways, trolley-buses and motorbuses.

## MONEY AND CREDIT, INSURANCE

The statistics on money and credit are predominantly compiled by the Deutsche Bundesbank on the basis of the data provided by the credit institutions. The index of share prices is computed at the Federal Statistical Office. The competent authority for insurance statistics is the Federal Insurance Supervisory Office.

	Unit	1960	1970	1986
<b>Note and coin circulation</b>	DM mn	21 840	39 488	123 733
<b>Banks</b>				
Deutsche Bundesbank <sup>1)</sup>				
Monetary reserves <sup>2)</sup>	DM mn	33 242	51 338	94 036
Bills and collateral claims	DM mn	1 838	15 833	42 864
Deposits	DM mn	16 696	35 018	60 290
Credit institutions <sup>1)</sup>				
Lending to non-banks	DM mn	170 348	543 733	2 232 945
Incl. for period of over 1 year	DM mn	98 261	349 136	1 673 093



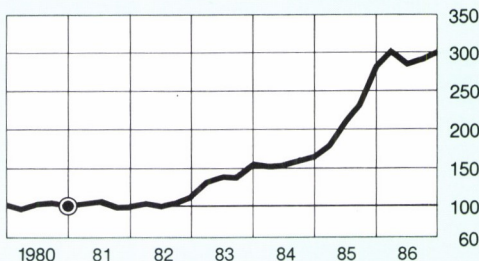
	Unit	1960	1970	1986
Deposits of non-banks				
Sight and time deposits	DM mn	83 749	200 045	850 419
Savings deposits	DM mn	53 114	205 440	678 583
Incl. with premiums	DM mn	1 408	20 239	30 489
Building and loan associations <sup>1)</sup>				
Savings deposits	DM mn	9 355	40 360	119 853
Mortgages and intermediate credits	DM mn	6 025	33 785	142 889

### Security market

Gross sales				
Fixed-interest securities <sup>3)4)</sup>	DM mn	5 328	20 816	257 125
Shares <sup>3)5)</sup>	DM mn	4 363	5 154	7 385
Index of share prices <sup>1)</sup>	1980 = 100	120	86	299

### Index of share prices 30 Dec. 1980 = 100

Position at end  
of quarter



Statistisches Bundesamt 87 0636

	Unit	1960	1970	1986
<b>Life assurances</b>				
Gross premiums	DM mn	3 030	10 073	38 690
Policies <sup>1)</sup>	1 000	43 101	55 153	67 764
Sum assured <sup>1)6)</sup>	DM	1 479	4 049	17 554
<b>Inability to pay debts</b>				
Insolvencies	Number	2 958	4 201	18 842
Bankruptcy proceedings	Number	2 689	3 943	18 793
Composition proceedings instituted	Number	343	324	82
Protests of bills of exchange	1 000	466	255	130

<sup>1)</sup> Year-end. — <sup>2)</sup> And other foreign assets. — <sup>3)</sup> Of domestic origin. — <sup>4)</sup> Excl. registered bonds. — <sup>5)</sup> Additions of new shares. — <sup>6)</sup> Average.

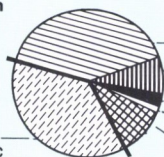
# JUSTICE

The statistics on the administration of justice provide information on the activities of the courts and on the offenders. Data on the courts comprise information on the staff and the number of cases. The annual criminal statistics of the courts present data on convicted persons and the offences committed in a breakdown by personal characteristics.

	Unit	1960	1970	1986
<b>Courts</b>				
Civil and criminal courts <sup>1)</sup>	Number	976	889	664
Labour, administrative, social and finance courts <sup>1)2)</sup>	Number	208	200	197
Judges at Laender and federal courts	Number	11 609	12 954	17 380
Public prosecutors	Number	2 174	2 709	3 725
Lawyers <sup>3)</sup>	Number	19 434	24 400	50 247

## Persons convicted in 1985 by combined main groups of offences

In connection with road traffic



For other crimes and misdemeanours

- against property
- against the person
- against state, public order, in office
- causing public danger
- others

Statistisches Bundesamt 87 0637

	Unit	1960	1970	1985
<b>Persons convicted<sup>4)</sup></b>	1 000	549	643	720
	Rate <sup>5)</sup>	1 326	1 346	1 371
Excl. in connection with road traffic	1 000	318	335	452
	Rate <sup>5)</sup>	768	701	861
Men	1 000	272	271	361
	Rate <sup>5)</sup>	1 428	1 215	1 456
Women	1 000	46	64	91
	Rate <sup>5)</sup>	206	252	328
Juveniles	1 000	30	46	49
	Rate <sup>5)</sup>	1 102	1 446	1 317
Adolescents	1 000	49	43	56
	Rate <sup>5)</sup>	1 713	1 755	1 744
Adults	1 000	239	246	347
	Rate <sup>5)</sup>	668	583	762

	Unit	1960	1970	1985
<b>Selected offences</b>				
Larceny and embezzlement	1 000	92	139	181
Robbery, extortion	1 000	2	3	7
Other offences against property	1 000	68	54	100
Bodily injury	1 000	25	22	30
Sexual offences	1 000	14	8	5
Others relating to the person	1 000	58	49	55
Against state, public order, in office	1 000	21	16	19
Causing public danger	1 000	13	10	9
In connection with road traffic	1 000	231	308	268
	Rate <sup>5)</sup>	558	645	510

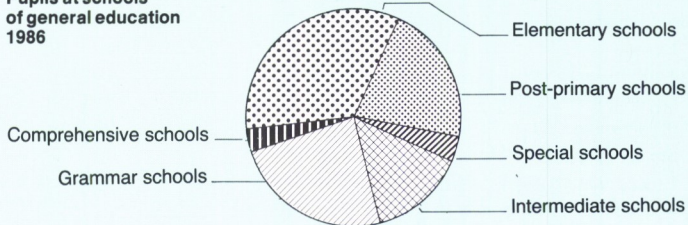
<sup>1)</sup> Always position as of 1 Jan. of the following year. — <sup>2)</sup> Courts of first instance only. — <sup>3)</sup> Incl. lawyers who are also notaries public, and notaries public. — <sup>4)</sup> 1960 excl. the Saar and Berlin. — <sup>5)</sup> Per 100 000 of population of competent age of the respective group of persons.

## EDUCATION

Data on pupils and teachers are collected within the scope of school statistics from the headmasters of public and private schools. Figures on apprentices and trainees are annually reported to official statistics by the relevant professional chambers. Detailed data on students and university teachers are made available for each term, or annually, by the university statistics.

	1960	1970	1986
<b>Pupils</b>	1 000	1 000	1 000
School-operated kindergartens and pre-school classes	5	33	68
<b>Schools of</b>			
General education <sup>1)</sup>	6 646	8 912	6 892
Incl.: Elementary schools and post-primary schools	5 219	6 347	3 731
Intermediate schools	431	863	988
Grammar schools	853	1 379	1 672
General further education <sup>2)</sup>	9	25	40
Vocational training <sup>3)</sup>	1 801	1 904	2 506
Incl. part-time vocational schools	1 662	1 600	1 983
Vocational further education <sup>4)</sup>	142	167	218

**Pupils at schools  
of general education  
1986**



Statistisches Bundesamt 87 0638

	1960 1 000	1970 1 000	1986 1 000
<b>School graduates</b>			
After completion of full-time compulsory ed.	451	481	393 <sup>5)</sup>
With completed intermediate or equivalent school education	73	200	416 <sup>5)</sup>
With completed school education qualifying for enrolment in an instit. of higher education or vocational college	57	88	298 <sup>5)</sup>
<b>Apprentices</b>	1 271	1 270	1 805
Industry and commerce	743	725	882
Handicrafts	452	421	658
Other sectors of vocational training	76	124	265
<b>Students</b>	291	528	1 368
Universities <sup>6)</sup>	239	412	1 033
Colleges of arts	7	10	22
Vocational colleges	44 <sup>7)</sup>	106 <sup>7)</sup>	312
<b>Teachers<sup>8)</sup></b>			
Schools of			
general and further education	210	314	494 <sup>5)</sup>
vocat. training and vocat. further education	38	42	91 <sup>5)</sup>
<b>Teachers at institutions of higher education<sup>9)</sup></b>	18	54	139 <sup>5)</sup>
Universities <sup>6)</sup>	16	48	112 <sup>5)</sup>
Colleges of arts	0	1	5 <sup>5)</sup>
Higher technical colleges	2 <sup>7)</sup>	5 <sup>7)</sup>	23 <sup>5)</sup>

<sup>1)</sup> Elementary and post-primary schools, special schools, intermediate schools, grammar schools (high schools), comprehensive schools. — <sup>2)</sup> Evening intermediate schools, evening high schools, courses of lectures; 1986 incl. post-primary evening schools. — <sup>3)</sup> Part-time vocat. schools, special part-time vocat. schools, vocat. ext. schools, full-time vocat. schools, Fachoberschulen, Fachgymnasien. — <sup>4)</sup> Trade and technical schools (vocational). — <sup>5)</sup> 1985. — <sup>6)</sup> Incl. teacher training colleges, theol. colleges and Gesamthochschulen. — <sup>7)</sup> Engineering academies. — <sup>8)</sup> Teachers working on full-time or part-time basis as their main occupation. — <sup>9)</sup> Scientific and artistic staff.



# CULTURE

In the cultural sphere, a centrally conducted survey is performed by the Federal Statistical Office only for the press sector. Data on theatres are compiled by the German Association of Cities and data on cinemas by the Central Organization of the Motion Picture Industry (SPIO). The remaining data are being supplied by the German Association of Adult Education Schools, the radio and television institutions, the Institute for Museology of the State Museums Prussian Cultural Heritage, the Association of the German Book Trade, the German Association of Youth Hostels and the German Sports Association.

	Unit	1960	1970	1986
<b>Adult education schools</b>	Number	1 101	1 169	835 <sup>1)</sup>
Enrolments	1 000	6 067	5 693	8 192 <sup>1)</sup>
<b>Public theatres</b>	Number	137	194	282
Seats	1 000	90	127	155
Attendance	1 000	19 878	17 655	16 458
<b>Cinemas</b>	Number	•	•	3 418 <sup>1)</sup>
Seats	1 000	•	•	723 <sup>1)</sup>
Attendance	1 000	•	•	104 200 <sup>1)</sup>
<b>Radio and television</b>				
Radio subscribers	1 000	15 892	19 622	25 916 <sup>2)</sup>
Television subscribers	1 000	4 637	16 675	23 011 <sup>2)</sup>
<b>Museums</b>	Number	•	•	1 640 <sup>1)</sup>
Visitors	1 000	•	•	60 779 <sup>1)</sup>
<b>Book publishing</b>				
First editions	Number	17 639	38 703	45 000 <sup>1)</sup>
Re-editions	Number	4 885	8 393	12 623 <sup>1)</sup>
<b>Press</b>				
Newspapers	Number	•	•	357 <sup>1)</sup>
Periodicals	Number	•	•	6 893 <sup>1)</sup>
<b>Youth hostels</b>	Number	719	633	557
Beds	Number	75 183	75 962	71 816
Overnights	1 000	5 870	7 790	8 804
<b>German Sports Association</b>				
Clubs	Number	30 486	39 201	62 930
Members	1 000	4 895	8 287	17 096
Sports badges awarded	1 000	64	216	474

<sup>1)</sup> 1985. — <sup>2)</sup> Incl. subscribers exempted from fees.

# PUBLIC HEALTH

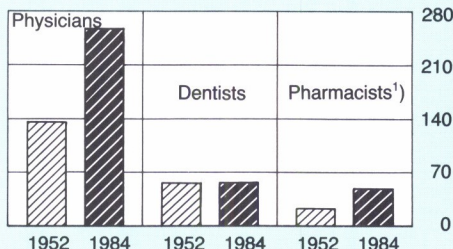
The statistics on the state of health of the population and the medical care available are as a rule based on the reports of the physicians, the public health offices and the hospitals. The microcensus provides every three years information on sick persons and persons injured in accidents.

	1960	1970	1985
<b>Notifiable diseases</b>			
Typhoid fever	1 548	477	230 <sup>1)</sup>
Salmonellosis	•	12 410	33 271 <sup>1)</sup>
Tuberculosis (all forms)	70 325	48 262	16 973
Diphtheria	1 965	57	4
Poliomyelitis	4 198	15	4
Venereal diseases	•	81 884 <sup>2)</sup>	29 538 <sup>1)</sup>
Encephalitis and meningitis	859	6 787	3 957 <sup>1)</sup>
Infectious hepatitis	14 708 <sup>3)</sup>	21 770	12 257 <sup>1)</sup>

## Most frequent causes of death

Diseases of circulatory system	256 173	324 095	358 988
Incl. cerebrovascular diseases	98 286	106 740	93 385
Malignant neoplasms <sup>4)</sup>	112 005	134 301	152 423
Accidents and poisoning	31 174	38 997	20 968

## Physicians, dentists, pharmacists Per 100 000 inhabitants



<sup>1)</sup> In pharmacies only.

Statistisches Bundesamt 87 0639

	1960	1970	1984
<b>Physicians and nursing staff</b>			
Physicians	79 350	99 654	153 895
Dentists	32 509	31 175	34 415
Veterinarians	8 668 <sup>5)</sup>	8 598	10 410
Nursing staff	141 119	199 457	263 435 <sup>6)</sup>
Midwives	9 442	6 857	5 366 <sup>6)</sup>

	1960	1970	1985
<b>Pharmacies</b>			
Pharmacies	9 171	11 526	17 135 <sup>7)</sup>
Pharmacists	15 803	20 866	30 865 <sup>7)</sup>
<b>Hospitals</b>			
Hospitals	3 604	3 587	3 098
Beds (actually operated) <sup>8)</sup>	583 513	683 254	674 742
Physicians	30 898	46 550	83 082
Incl. foreigners	1 389 <sup>5)</sup>	4 613	5 443
In-patients (in thousands)	7 350	9 338	12 155
Length of stay (days) <sup>9)</sup>	29	25	18
Bed occupancy rate <sup>9)</sup> (in %)	93	89	86
<b>Abortions</b>	•	•	84 274 <sup>1)</sup>

<sup>1)</sup> 1986. - <sup>2)</sup> 1971. - <sup>3)</sup> 1962. - <sup>4)</sup> Excl. neoplasms of lymphatic and blood-forming tissues. - <sup>5)</sup> 1961. - <sup>6)</sup> Excl. Hesse. - <sup>7)</sup> 1984. - <sup>8)</sup> Up to 1984 scheduled beds. - <sup>9)</sup> Average.

## SOCIAL SECURITY SCHEMES

Information on social expenditure is derived from the records of the carriers of social security schemes, as well as from the official statistics on public assistance, on the additional aid to war victims and on public youth welfare. The data on unemployment pay and children's allowances were supplied by the Federal Institute for Employment, Nuremberg.

	Unit	1960	1970	1986
<b>Public health insurance</b>				
Members (incl. pensioners)	1 000	27 060	30 646	36 441
Expenditure	DM mn	9 513	25 179	114 108 <sup>1)</sup>
<b>Public accident insurance</b>				
Number of pensions paid	1 000	916	1 018	966 <sup>1)</sup>
Expenditure	DM mn	1 789	4 881	13 101 <sup>1)</sup>
<b>Workers' old age insurance funds</b>				
Number of pensions paid	1 000	5 399	6 922	8 737
Expenditure	DM mn	12 164	31 939	95 879 <sup>1)</sup>
<b>Employees' old age insurance funds</b>				
Number of pensions paid	1 000	1 886	2 537	4 681
Expenditure	DM mn	5 719	16 409	77 393 <sup>1)</sup>
<b>Miners' old age insurance funds</b>				
Number of pensions paid	1 000	691	753	713
Expenditure	DM mn	2 688	6 131	14 706 <sup>1)</sup>

	Unit	1960	1970	1986
<b>Unemployment pay and unemployment relief</b>				
Recipients	1 000	175	113	1 401
Expenditure	DM mn	533	722	23 207
<b>Assistance for war victims</b>				
Persons qualifying for pensions	1 000	3 253	2 564	1 556
<b>Public assistance</b>				
Assisted persons	1 000	•	1 491	2 808 <sup>1)</sup>
Expenditure	DM mn	1 199 <sup>2)</sup>	3 335	20 824 <sup>1)</sup>
<b>Public youth welfare</b>				
Expenditure	DM mn	•	1 379	6 367 <sup>1)</sup>
<b>Children's allowances</b>				
Recipients <sup>3)</sup>	1 000	•	14 065 <sup>4)</sup>	10 387
Expenditure	DM mn	•	11 530 <sup>4)</sup>	10 849
<b>Housing allowances</b>				
Recipients <sup>5)</sup>	1 000	•	908	1 673
Expenditure	DM mn	•	599	3 379

<sup>1)</sup> 1985. — <sup>2)</sup> 1 Apr. to 31 Dec. — <sup>3)</sup> Childrens of beneficiaries; position: Nov./Dec. — <sup>4)</sup> 1975. — <sup>5)</sup> Excl. retroactive authorizations.

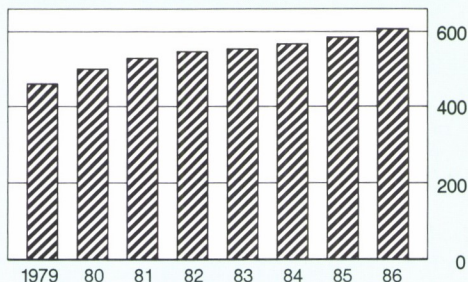
## FINANCE AND TAXES

The finance statistics present a comprehensive picture of the development of public finance. Data on expenditure, revenue and debts of public budgets, as well as on personnel and pensioners of the public service, are shown with differing periodicities and breakdowns. The tax statistics which are regularly compiled by evaluating the taxation records, provide information on the total amount and structure of tax revenue, as well as the respective assessment bases such as income, capital gains and profits, wealth, turnovers, consumption. The annual reports of the local authorities provide regional results on the yield and the assessment bases of the tax on land and buildings and of the trade taxes.

	1961	1970	1986
	DM mn	DM mn	DM mn
<b>Public budgets</b>			
<b>Expenditure<sup>1)</sup></b>	95 275	196 330	608 149
Federal Government	46 159	88 207	263 199
Laender	36 884	77 094	252 588
Communities/local authorities	24 186	56 486	171 689



**Expenditure of  
public budgets**  
DM bn



Statistisches Bundesamt 87 0640

	1961	1970	1986
	DM mn	DM mn	DM mn
<b>Selected types of functions</b>			
Personnel expenses	24 703	61 484	199 405
Current expenditure on materials	22 770	31 713	99 769
Interest expenses	2 615	6 864	57 389
Construction activities	10 517	25 797	38 973
<b>Selected functions</b>			
Defence	13 175	19 831	50 849 <sup>2)</sup>
Public safety, justice	3 707	7 889	26 378 <sup>2)</sup>
Schools, universities, etc.	8 196	24 784	80 677 <sup>2)</sup>
Science, research	1 350	2 819	12 294 <sup>2)</sup>
Social security	22 151	40 355	125 188 <sup>2)</sup>
Public health, sports, recreation	3 773	10 208	36 588 <sup>2)</sup>
Housing and physical planning	7 588	10 727	32 272 <sup>2)</sup>
Economic promotion	6 339	14 417	23 548 <sup>2)</sup>
Transport and communications	6 853	17 585	28 221 <sup>2)</sup>
<b>Cash tax revenue</b>	76 705	152 555	452 436
<b>Joint taxes</b>	29 723	99 949	333 675
Wage tax	10 453	35 086	152 233
Assessed income tax	10 817	16 001	29 881
Capital yield tax	980	2 021	8 121
Corporation tax	7 473	8 716	32 301
Turnover (value added) tax	17 866 <sup>3)</sup>	26 791	58 587
Turnover tax on imports	—	11 334	52 552

	1961	1970	1986
	DM mn	DM mn	DM mn
Federal taxes	31 297	27 396	56 351
Incl.: Insurance taxes	251	617	2 578
Customs duties	3 130	2 871	5 239
Tobacco tax	3 892	6 536	14 480
Coffee tax	745	1 057	1 657
Spirits duties	1 097	2 228	4 065
Mineral-oil tax	3 325	11 512	25 644
Laender taxes	5 213	9 531	21 255
Incl.: Property tax	1 419	2 877	4 396
Inheritance tax	243	523	1 890
Tax on acquisition of real estate	206	518	2 238
Motor vehicle tax	1 678	3 830	9 356
Betting and lottery tax	285	566	1 746
Beer tax	763	1 175	1 263
Local taxes	10 471	15 679	41 155
Incl.: Tax on land and buildings			
A and B	1 719	2 683	7 636
Trade tax	8 147	12 117	31 987
Revenue after distribution			
of Federal Government	41 700	83 597	210 584
of Laender <sup>4)</sup>	24 534	50 482	160 099
of communities/local authorities <sup>5)</sup>	10 471	18 240	63 832
of European Communities	—	—	17 952
Further:			
Equalization of burdens levies	2 024	1 582	1
<b>Debts<sup>6)</sup></b>	56 417	123 174	785 496
Federal Government	29 624	54 456	413 376
Incl. Equalization of Burdens Fund	3 737	6 710	1 641
E.R.P. Special Fund	75	1 296	6 415
Laender	13 949	27 448	261 943
Communities/local authorities	12 769	39 974	103 762 <sup>7)</sup>

	1961	1970	1986
	1 000	1 000	1 000
<b>Personnel<sup>6)</sup></b>	2 724	3 099	3 604
Federal Government <sup>6)</sup>	234	305	312
Laender	971	1 210	1 560
Communities/local authorities	652	758	971
Communal associations	16	19	36
German Federal Railways	483	405	285
Federal Postal Administration	369	402	440
<b>Service relationship</b>			
Officials and judges	1 196	1 402	1 664
Salaried employees	687	900	1 148
Wage earners	842	796	792

<sup>1)</sup> Adjusted for payments between central and local government. — <sup>2)</sup> 1985. — <sup>3)</sup> Former law (federal tax). — <sup>4)</sup> Incl. state taxes of city states. — <sup>5)</sup> Incl. local taxes of city states. — <sup>6)</sup> Excl. debt towards administrative bodies. — <sup>7)</sup> Excl. debt of community-owned enterprises. — <sup>8)</sup> Full-time staff of direct public service, 1986 preliminary and partly estimated result. — <sup>9)</sup> Excl. soldiers.

## FAMILY BUDGET SURVEYS AND SUPPLY

The continuous family budget surveys are based on the monthly notations in the household books of approximately 1 000 selected households. They in particular provide information on the sources of income, the expenditure by kinds and objects, and the equipment with consumer durables. Additional sample surveys on income and expenditure covering some 55 000 households are conducted at intervals of five years (latest in 1983). Further information on the consumption of food, beverages and tobacco is provided, inter alia, by the excise duty statistics.

	Unit	1965	1970	1985
<b>Selected private households</b>				
Household type 1 <sup>1)</sup>	Number	141	154	160
2 <sup>2)</sup>	Number	365	342	388
3 <sup>3)</sup>	Number	367	393	428
<b>Gross income of households<sup>4)</sup></b>				
Household type 1 <sup>1)</sup>	DM	401	558	1 704
2 <sup>2)</sup>	DM	1 107	1 507	4 499
3 <sup>3)</sup>	DM	2 106	2 654	7 389
<b>Deductions for income and property tax<sup>2)</sup><sup>4)</sup></b>	DM	57	129	494
<b>Compulsory social insurance contributions<sup>2)</sup><sup>4)</sup></b>	DM	90	157	619

	Unit	1965	1970	1985
Private consumption expenditure <sup>4)</sup>				
Household type 1 <sup>1)</sup>	DM	384	518	1 499
2 <sup>2)</sup>	DM	881	1 089	2 865
3 <sup>3)</sup>	DM	1 572	1 867	4 525
Incl.: <sup>2)</sup> 4)				
Food	DM	299	327	628
Beverages and tobacco	DM	53	58	109
Clothing, footwear	DM	105	118	235
Rents <sup>5)</sup>	DM	98	168	563
Electricity, gas, fuels, etc.	DM	40	51	208
Motor vehicles <sup>6)</sup>	DM	110	121	331
Telecommunications <sup>7)</sup>	DM	4	8	54
Personal care and health	DM	30	39	92
Education and entertainment	DM	58	79	259
Inclusive tours <sup>6)</sup>	DM	•	3	25
Formation of wealth	DM	53	97	457

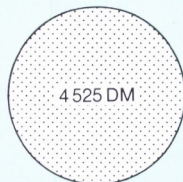
### Monthly private consumption expenditure 1985



2-person households  
of recipients of pensions  
and welfare benefits  
with low income  
(Household type 1)



4-person households  
of wage earners and  
salaried employees  
with medium income  
(Household type 2)



4-person households  
of officials and salaried  
employees with  
higher income  
(Household type 3)

Statistisches Bundesamt 87 0641

	Unit	1965	1970	1985
<b>Equipment of private households<sup>2)</sup></b>				
Transport and communications				
Passenger cars	%	30	51	93
Motorcycles <sup>8)</sup>	%	14	8	11
Telephone	%	8	20	94



	Unit	1965	1970	1985
<b>Education and entertainment</b>				
Black and white television sets	%	69	89	41
Colour television sets	%	—	4	87
Stereo radio receivers	%	—	—	45
Compact stereo units	%	—	—	49
Record players	%	38	49	55
Cassette recorders	%	—	—	71
Photo cameras	%	78	94	95
<b>Household operation</b>				
Refrigerators	%	86	94	82 <sup>9)</sup>
Dishwashers	%	1	2	41
Electrical kitchen appliances	%	20	21	35
Electrical sewing machines	%	26	48	76
Electrical ironing machines	%	4	9	16
Fully-automated washing machines	%	20	38	73
Vacuum cleaners	%	90	89	98
Electric stoves	%	—	73	89
Gas stoves	%	—	43	13
	Unit	1965/66	1970/71	1985/86
<b>Consumption of food, beverages and tobacco<sup>10)</sup></b>				
Cereal products (in terms of flour)	kg	72.0	66.0	74.3
Rice	kg	2.0	1.6	2.5
Potatoes	kg	109.0	102.0	77.7
Meat and meat products	kg	67.2	79.0	102.1 <sup>11)</sup>
Market milk	l	94.9	92.5	87.7 <sup>11)</sup>
Cigarettes <sup>11)</sup>	Piece	1 627	1 943	1 925
Beer <sup>11)</sup>	l	122	141	146
Spirits <sup>11)</sup>	l of alcohol	2.7	3.0	2.3

<sup>1)</sup> 2-person households of recipients of pensions and welfare benefits with low income. —

<sup>2)</sup> 4-person households of wage earners and salaried employees with medium income. —

<sup>3)</sup> 4-person households of officials and salaried employees with higher income. — <sup>4)</sup> Per household and month. — <sup>5)</sup> Incl. rental value for owner-occupied dwellings. — <sup>6)</sup> Households

involved only. — <sup>7)</sup> Postal, telegram and telephone charges. — <sup>8)</sup> Incl. motorbikes, scooters,

mopeds, etc. — <sup>9)</sup> Excl. combined refrigeration and freezing units. — <sup>10)</sup> Per inhabitant and

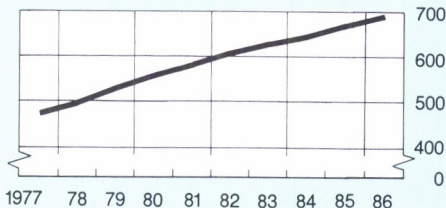
year. — <sup>11)</sup> Calendar year (1965, 1970, 1986).

## WAGES AND SALARIES

Wages and salaries are covered by the current surveys of earnings; the presentation includes absolute averages as well as index figures for specific groups of dependently employed persons. In addition, surveys of the salary and wage structure are conducted at intervals of six years.

	Unit	1960	1970	1986
<b>Industry<sup>1)</sup></b>				
Weekly hours paid	hs	45.6	44.0	40.5
Wage earners, male	hs	46.3	44.8	40.8
Wage earners, female	hs	43.2	40.7	39.2
Gross hourly earnings	DM	2.68	6.09	16.99
Wage earners, male	DM	2.88	6.49	17.85
Wage earners, female	DM	1.89	4.49	13.04
Index of gross hourly earnings	1980 = 100	20.6	46.6	125.6
Wage earners, male	1980 = 100	21.0	46.9	125.3
Wage earners, female	1980 = 100	19.1	44.6	127.2
Gross weekly earnings	DM	122	268	689
Wage earners, male	DM	133	292	729
Wage earners, female	DM	82	183	513
Gross monthly earnings	DM	663	1 408	4 274
Salaried employees, male	DM	773	1 612	4 690
Salaried employees, female	DM	464	1 009	3 108
<b>Handicrafts</b>				
Gross hourly earnings <sup>2)</sup>	DM	2.68	6.29	16.56
<b>Agriculture</b>				
Index of agreed wages	1980 = 100	18.8	42.7	124.7

**Average gross weekly earnings of wage earners in industry**  
DM



	Unit	1960	1970	1986
<b>Wholesale trade</b>				
Gross monthly earnings	DM	•	1 186	3 403
Salaried employees, male	DM	•	1 371	3 792
Salaried employees, female	DM	•	917	2 591
<b>Retail trade</b>				
Gross monthly earnings	DM	426	926	2 568
Salaried employees, male	DM	611	1 290	3 225
Salaried employees, female	DM	365	775	2 172
<b>Credit institutions</b>				
Gross monthly earnings	DM	558	1 221	3 481
Salaried employees, male	DM	670	1 425	3 916
Salaried employees, female	DM	448	1 020	3 032
<b>Insurance institutions</b>				
Gross monthly earnings	DM	579	1 222	3 762
Salaried employees, male	DM	686	1 404	4 217
Salaried employees, female	DM	465	1 039	3 268
<b>Industries, central and local government</b>				
Index of agreed				
hourly wages	1980 = 100	21.8	44.7	126.3
monthly wages	1980 = 100	26.4	47.7	123.3

<sup>1)</sup> Incl. civil engineering. — <sup>2)</sup> Male senior journeymen only.

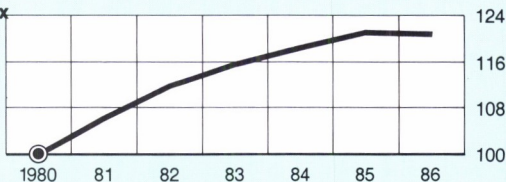
## PRICES

Official price statistics are predominantly orientated towards the presentation of price changes in the form of relatives and index numbers. The indexes for the prices of individual goods which at present are computed with 1980 as base year, are combined for specific spheres and weighted in accordance with their significance in regard to turnover or expenditure. The weighted average of the individual index numbers represents the respective price index.

	Unit	1960	1970	1986
Index of purchase prices				
for farm supplies <sup>1)</sup>	1980 = 100	•	60	108
Index of producers' prices <sup>1)</sup>				
Agricultural products	1980 = 100	•	68	97
Industrial products	1980 = 100	53	61	118
Investment goods	1980 = 100	45	59	123
Consumer goods	1980 = 100	49	57	111

	Unit	1960	1970	1986
Price index for basic materials <sup>1)</sup>	1980 = 100	53	57	105
Agriculture and forestry	1980 = 100	67	69	101
Production industries	1980 = 100	50	55	105
Price index				
for residential buildings <sup>2)</sup>	1980 = 100	30	52	116
for road building	1980 = 100	44	57	105
Index of				
wholesale selling prices <sup>1)</sup>	1980 = 100	55	60	109
retail prices	1980 = 100	54	63	117

**Consumer price index  
of all  
private households  
1980 = 100**



Statistisches Bundesamt 87 0643

	Unit	1960	1970	1986
Consumer price index				
All private households	1980 = 100	•	61	121
Incl. for:				
Food, beverages and tobacco	1980 = 100	•	65	118
Clothing, footwear	1980 = 100	•	59	121
Rent, energy	1980 = 100	•	•	123
Households of				
Sal. employees and officials <sup>3)</sup>	1980 = 100	•	61	121
Employed persons <sup>4)</sup>	1980 = 100	48	62	121
Recipients of pensions and welfare benefits	1980 = 100	46	61	121
Minimum standard of living necessary for a child <sup>5)</sup>	1980 = 100	44	59	119
Index of				
import prices	1980 = 100	52	53	101
export prices	1980 = 100	54	61	117

<sup>1)</sup> As from 1968 excl. turnover (value added) tax. — <sup>2)</sup> Construction work performed at building. — <sup>3)</sup> 4-person households with higher income. — <sup>4)</sup> 4-person households with medium income. — <sup>5)</sup> Pattern of needs for the 1976 standard of living, raised to 1980 according to the price development.

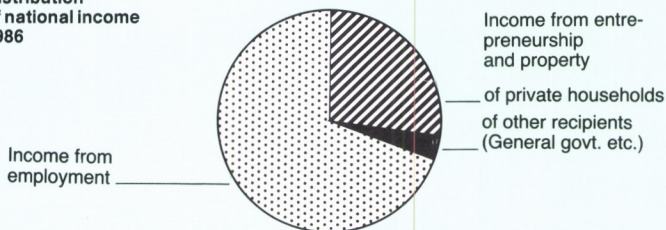


# NATIONAL PRODUCT

The system of national accounts brings together the data from practically all fields of economic and finance statistics. Major basic data are the gross national product which in summary form provides a picture of the economic performance of the national economy, and the national income representing the sum total of all earned incomes and incomes from property accruing to residents.

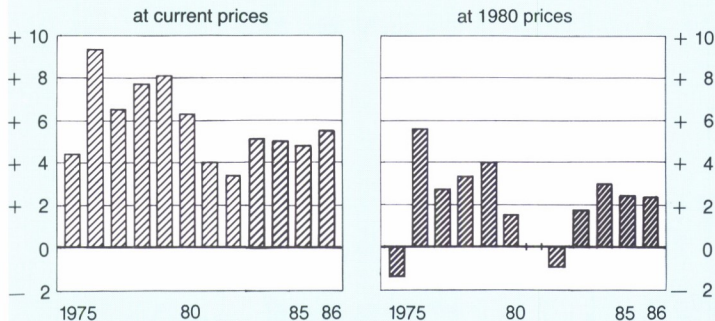
	Unit	1960	1970	1986
<b>Gross domestic product</b>	DM bn	302.7	675.3	1 944.0
Gross value added <sup>1)</sup>				
Agriculture and forestry	DM bn	17.6	21.8	33.0
Producing industries	DM bn	160.8	333.7	810.5
Trade, transport and communications	DM bn	56.0	103.5	280.8
Services	DM bn	41.1	114.4	513.0
General govt., households, etc.	DM bn	26.7	72.6	257.4
<b>National income</b>	DM bn	240.1	530.4	1 514.2
Per capita	DM	4 332	8 745	24 803
Income from employment	DM bn	144.4	360.6	1 039.1
Total gross wages and salaries monthly per person employed	DM	512	1 153	3 098
Empl. contrib. to social security etc.	DM bn	19.9	52.7	202.1
Income from entrepreneurship and property	DM bn	95.7	169.8	475.1

## Distribution of national income 1986



## Gross National Product

Changes against previous year in %



Statistisches Bundesamt 87 0645

	Unit	1960	1970	1986
<b>Gross national product</b>				
At current prices	DM bn	303.0	675.7	1 949.0
Appropriation				
Private consumption expenditure	DM bn	171.8	368.9	1 081.1
Govt. consumption expenditure	DM bn	40.5	106.5	383.1
Fixed asset formation	DM bn	73.6	172.1	375.9
Equipment	DM bn	27.1	65.9	162.2
Construction	DM bn	46.4	106.2	213.7
Changes in stocks	DM bn	+ 9.2	+ 14.2	+ 2.6
Net exports of goods and serv.	DM bn	+ 7.9	+ 14.1	+ 106.4
Exports of goods and services	DM bn	60.7	152.9	634.8
Imports of goods and services	DM bn	52.8	138.8	528.5
At 1980 prices	DM bn	731.7	1 134.0	1 618.4

<sup>1)</sup> 1960 incl. (cumulative) turnover tax.

# ENVIRONMENTAL PROTECTION

Information relating to important aspects of environmental protection is contained in the statistics on investments for environmental protection (annually), as well as on waste removal (biennially). Data relating to public expenditure in this sphere are provided by finance statistics.

	Unit	1975	1978	1984
<b>Production industries</b>				
Investments for environmental protection				
Solid waste disposal	DM mn	178	172	274
Water protection	DM mn	911	686	1 050
Noise abatement	DM mn	210	201	226
Preservation of air quality	DM mn	1 214	1 129	1 965
Solid waste disposal <sup>1)</sup>				
Overall number of establishments	Number	71 168	73 550 <sup>2)</sup>	67 925
Incl. with disposal installations	Number	7 783	6 769 <sup>2)</sup>	7 542
Quantity of waste	mn t	115	158 <sup>2)</sup>	198
Production of pesticides, herbicides and insecticides				
	1 000 t	231	223	265 <sup>3)</sup>
<b>Public budgets</b>				
Expenditure for environmental protection				
Solid waste disposal	DM mn	1 937	2 474	3 666
Sewage and waste water disposal	DM mn	5 918	7 270	8 514
Preservation of air, water, soil quality	DM mn	445	516	1 336
Public waste disposal				
Installations for treatment and disposal of waste				
Dumping grounds	Number	4 616	2 865 <sup>2)</sup>	3 211
Refuse incineration installations	Number	47	43 <sup>2)</sup>	46
Decomposition installations etc.	Number	43	66 <sup>2)</sup>	47
Reloading stations and collection points for industrial waste				
	Number	63	82 <sup>2)</sup>	136
Quantity of waste matter delivered <sup>4)</sup>	mn t	59	64 <sup>2)</sup>	86
Public sewage and waste w. disposal				
Drainage of sew. and waste water incl. biologically treated	mn m <sup>3</sup> mn m <sup>3</sup>	6 452 3 883	7 508 <sup>5)</sup> 6 102 <sup>5)</sup>	8 209 <sup>6)</sup> 7 112 <sup>6)</sup>

<sup>1)</sup> Due to a new delimitation not comparable with earlier publications. — <sup>2)</sup> 1977. — <sup>3)</sup> 1985. — <sup>4)</sup> Excl. used tires and derelict cars. — <sup>5)</sup> 1979. — <sup>6)</sup> 1983.

# FEDERATION AND

Specification	Unit	Federal Re-public	Schleswig-Holstein	Hamburg
Area	1 000 km <sup>2</sup>	248.7	15.7	0.8
Population	1 000	61 140	2 613	1 571
Male	1 000	29 285	1 265	736
Female	1 000	31 855	1 347	835
Inhabitants per km <sup>2</sup>	Number	246	166	2 082
Marriages	1 000	372	16	9
Live births	1 000	626	25	13
Deaths	1 000	702	31	22
Economically active persons <sup>1)</sup>	1 000	26 626	1 146	694
Agriculture, forestry, fisheries	1 000	1 262	60	8
Production industries	1 000	11 095	351	182
Trade, transport and communications	1 000	4 780	244	200
Other sectors of economy	1 000	9 490	492	304
Foreign labour employed <sup>2)</sup>	1 000	1 592	25	51
Unemployed <sup>3)</sup>	1 000	2 228	115	94
Agriculturally used area	1 000 ha	12 000	1 087	15
Agricultural holdings <sup>4)</sup>	1 000	708	30	1
Persons engaged <sup>3)</sup> <sup>5)</sup>	1 000	7 063	167	139
Turnover <sup>5)</sup> <sup>6)</sup>	DM bn	1 468	37	70
Building permits <sup>7)</sup>	Number	219 171	8 725	3 281
Stock of dwellings <sup>8)</sup>	1 000	27 081	1 181	810
Total number of passenger cars <sup>9)</sup>	1 000	26 917 <sup>10)</sup>	1 107	605
Savings deposits	DM mn	678 583 <sup>11)</sup>	19 119	16 999
Pupils/students <sup>12)</sup>	1 000	11 025	441	298
Physicians in hospitals <sup>8)</sup>	1 000	83	3	3
Hospital beds <sup>8)</sup>	1 000	675	27	17
Cash tax revenue <sup>13)</sup>	DM mn	452 436	11 844	37 649
Gross hourly earnings of operatives	DM	16.99	16.69	18.83
Gross monthly earnings of salaried employees in industry and trade	DM	3 740	3 371	3 998

<sup>1)</sup> Results of the microcensus of June 1985. — <sup>2)</sup> Subject to social insurance; end of June. — manufacturing; local units with in general 20 and more persons engaged. — <sup>5)</sup> Excl. turnover  
<sup>3)</sup> Position: 1 July. — <sup>10)</sup> Incl. vehicles of the German Federal Railways and the Federal Postal institutions with supraregional tasks, excl. branch network. — <sup>12)</sup> At schools of general Laender and local taxes prior to tax apportionment.



# LAENDER, 1986

Lower Saxony	Bremen	North-Rhine-Westph.	Hesse	Rhineld.-Palatinate	Baden-Wuertemb.	Bavaria	Saar	Berlin (West)
47.4	0.4	34.1	21.1	19.8	35.8	70.6	2.6	0.5
7 196	654	16 677	5 544	3 611	9 327	11 026	1 042	1 879
3 458	307	7 963	2 667	1 732	4 499	5 290	496	872
3 738	347	8 713	2 877	1 879	4 828	5 736	546	1 007
152	1 618	490	263	182	261	156	406	3 914
43	4	103	33	23	56	67	7	12
71	6	172	53	37	102	118	10	19
84	9	191	64	43	93	120	13	32
2 959	255	6 775	2 446	1 553	4 299	5 244	406	849
211	/	170	62	91	218	425	8	8
1 116	85	3 015	985	638	2 038	2 245	181	259
556	65	1 206	470	264	670	869	76	160
1 076	104	2 384	929	560	1 372	1 705	141	422
85	14	417	180	54	379	279	19	89
325	41	725	155	119	199	316	53	85
2 737	11	1 610	778	728	1 510	3 455	69	1
111	0	90	55	54	120	241	4	0
647	76	1 964	629	367	1 425	1 345	139	164
150	22	413	112	81	269	241	27	46
19 685	1 118	44 816	18 864	15 694	44 269	54 460	2 796	5 463
3 090	331	7 260	2 426	1 608	4 005	4 763	467	1 140
3 103	259	7 185	2 615	1 688	4 262	4 910	475	656
65 734	6 725	166 672	62 043	38 293	108 952	130 512	10 077	17 240
1 317	127	3 134	957	608	1 728	1 883	176	355
8	1	22	8	4	13	15	2	5
67	8	180	66	42	100	121	12	34
33 842	6 463	132 878	43 506	18 774	73 211	70 144	5 272	18 854
17.24	18.28	17.32	17.18	16.72	17.20	15.84	17.46	16.94
3 514	3 746	3 797	3 812	3 691	3 879	3 608	3 683	3 732

<sup>3)</sup> Annual average. — <sup>4)</sup> With 1 ha of agriculturally used area and over. — <sup>5)</sup> Mining and (value added) tax. — <sup>7)</sup> Dwellings in residential and non-residential buildings. — <sup>8)</sup> 1985. — Administration. — <sup>11)</sup> Incl. postal giro offices and postal savings banks offices as well as credit education and vocational training, of further education, as well as universities. — <sup>13)</sup> Federal,

## GERMAN DEMOCRATIC REPUBLIC AND BERLIN (EAST)

The data presented have been derived from the Statistical Yearbook of the German Democratic Republic. On account of the often differing designations or systematic groupings, comparisons with statistics of the Federal Republic of Germany are possible only subject to certain reservations.

	Unit	1960	1970	1985
Area	km <sup>2</sup>	107 834	108 173	108 333
Resident population	1 000	17 188	17 068	16 640
Inhabitants per km <sup>2</sup>	Number	159	158	154
Live births	Number	292 985	236 929	227 648
Deaths	Number	233 759	240 821	225 362
Economically active persons (excl. apprentices)	1 000	7 686	7 769	8 539
Incl.: Agriculture and forestry	1 000	1 304	997	922
Mining, power production, manufacturing, building industry	1 000	3 652	3 797	4 078
Commerce, hotel and restaurant industry	1 000	890	858	869
Transport and communications	1 000	554	581	630
Apprentices	1 000	307	449	398
Agriculture and forestry				
Holdings	Number	20 280	9 932	4 636
Agricultural area	1 000 ha	5 899	5 882	5 881
Forest land	1 000 ha	2 955	2 948	2 978
Harvested quantities				
Grain	1 000 t	6 379	6 456	11 640
Potatoes	1 000 t	14 821	13 054	12 350
Livestock population				
Cattle	1 000	4 675	5 190	5 827
Pigs	1 000	8 316	9 684	12 946
Production industries				
Local units	Number	16 038	11 564	3 526
Wage earners and salaried employees (excl. apprentices)	1 000	2 919	2 998	3 262
Index of gross industrial production	1970 = 100	•	100	211
Production				
Electricity	mn kWh	40 305	67 650	113 834
Brown coal (extraction)	1 000 t	225 465	261 482	312 156
Cement	1 000 t	5 032	7 984	11 608
Pig iron and furnace ferro-alloys	1 000 t	1 995	1 994	2 578
Raw steel (incl. ingot steel)	1 000 t	3 750	5 053	7 853

	Unit	1960	1970	1985
Dwellings completed	1 000	80	76	212
Dwelling stock	1 000	5 507 <sup>1)</sup>	6 057 <sup>2)</sup>	6 831 <sup>3)</sup>
Imports	VM mn <sup>4)</sup>	•	8 170	86 701
Exports	VM mn <sup>4)</sup>	•	7 315	93 490
Railway lines	km	16 174	14 658	14 054
Inland waterways	km	2 644	2 519	2 319
Roads (other than local)	km	45 479	45 729	47 214
Total number of passenger cars	1 000	299	1 160	3 306
Road traffic accidents	Number	94 063 <sup>5)</sup>	52 207	45 809
Persons killed	1 000	1 769 <sup>5)</sup>	2 139	1 450
Persons injured	1 000	55 401 <sup>5)</sup>	46 237	39 521
Money circulation	Mark mn	4 543	7 407	13 651
Schools	Number	11 131	8 180	7 066
Pupils	1 000	2 523	3 265	2 583
Inst. of higher education	Number	44	54	54
Students	1 000	100	143	130
Hospitals	Number	822	626	537
Hospital beds	1 000	205	190	169
Inhabitants per physician	Number	1 181	626	439
Equipment of private households <sup>6)</sup>				
Passenger cars	Number	3	16	46
Television sets	Number	17	69	93
Refrigerators	Number	6	56	99
Washing machines	Number	6	54	92
Monthly income from employment				
Wage earners and salaried employees	Mark	558	762	1 130
National income produced per inhabitant	Mark	4 448	6 884	14 036

1) 15 March 1961. — 2) 1 January 1971. — 3) 31 December 1985. — 4) Valuta-Mark = non-negotiable accounting unit. — 5) 1963. — 6) Per 100 households.

# THE FEDERAL REPUBLIC OF GERMANY

The data presented are predominantly based on material compiled by the Statistical Office of the United Nations (for the remaining OECD countries); in some individual derived from varying sources, differing statistical concepts and collection the preceding sections.

Country	Area <sup>1)</sup>	Population on 30 June	Inhabitants per km <sup>2</sup>	Excess of births (+) or deaths <sup>1)</sup> (-)	Active population <sup>1)</sup>
	1 000 km <sup>2</sup>	1 000	number	per 1000 inhabitants	1 000
Fed. Rep. of Germany	249	61 048	245	- 1.9	29 012
Belgium	31	9 903 <sup>1)</sup>	324 <sup>1)</sup>	+ 0.5	4 214
Denmark	43	5 116	119	- 0.8	2 753
France	547	55 278	101	+ 4.0	23 902
Greece	132	9 970	76	+ 2.4	4 078
Great Britain and North. Ireland	244	56 763	233	+ 1.5	27 594
Ireland	70	3 537	50	+ 8.5	1 314
Italy	301	57 221	190	+ 0.6	23 364
Luxembourg	3	366 <sup>1)</sup>	141 <sup>1)</sup>	+ 0.3	155
Netherlands	41	14 563	357	+ 3.8	6 022
Portugal <sup>5)</sup>	92	10 289	112	+ 2.7	4 696
Spain <sup>5)</sup>	505	38 688	77	+ 4.8	14 017
<b>EC</b>	2 258	322 742	143	•	•
Finland	337	4 919	15	+ 3.0	2 630
Iceland	103	241	2	+ 8.8	127
Norway	324	4 170	13	+ 1.8	2 064
Austria	84	7 565	90	- 0.3	3 355
Sweden	450	8 369	19	+ 0.5	4 424
Switzerland	41	6 374 <sup>1)</sup>	156 <sup>1)</sup>	+ 2.4	3 201
Turkey	781	50 300	64	+23.5	21 385
Canada	9 976	25 591	3	+ 7.9	12 716
United States	9 373	241 600	26	+ 7.0	117 167
Japan	372	121 790	322	+ 5.6	59 630
Australia	7 687	15 974	2	+ 7.5	7 345
New Zealand	269	3 307	12	+ 7.2	1 438
<b>OECD</b>	32 055	812 942	25	•	•

<sup>1)</sup> 1985. — <sup>2)</sup> Incl. estate cars. — <sup>3)</sup> Incl. Luxembourg. — <sup>4)</sup> Incl. with »Belgium«. — the year indicated.



# IN INTERNATIONAL COMPARISON, 1986

Office of the European Communities (for EC member countries) and the Statistical cases, also sources of the national statistical offices have been drawn upon. Data procedures restrict the comparability from one country to another and in relation to

Unemployment rate	Agriculturally used area <sup>1)</sup>	Grain harvested <sup>1)</sup>	Meat production <sup>1)</sup>	Production of		
				electricity	raw steel	passenger cars <sup>3)</sup>
%	1 000 ha	1 000 t		bn kWh	1 000 t	1 000
8.1	12 044	25 914	4 630	407	37 134	4 269
12.6	1 489 <sup>3)</sup>	2 195 <sup>3)</sup>	1 221 <sup>3)</sup>	59	9 713	231 <sup>1)</sup>
7.6	2 855	7 996	1 439	29	632	—
10.8	31 197	55 950	5 491	362	17 661	2 773
7.5	9 229	4 531	513	28	1 009	—
12.1	18 641	22 473	3 239	303	14 769	1 019
18.4	5 837	1 891	679	12	208	—
13.8	17 163	18 062	3 781	192	22 882	1 384 <sup>1)</sup>
1.5	• <sup>4)</sup>	• <sup>4)</sup>	• <sup>4)</sup>	1	3 705	—
12.4	2 016	1 130	2 304	67	5 283	119
8.5	4 075	1 445	412	20	710	—
21.5	31 180	20 885	2 610	129	11 906	1 210 <sup>1)</sup>
•	135 726	162 472	26 319	1 609	125 612	•
6.4	2 465	3 656	319	44	2 592	—
1.9	2 282	•	25	4	•	—
5.2	945	1 274	209	97	840	—
2.7	3 509	5 555	775	39	4 632	7 <sup>1)</sup>
0.8	3 615	5 773	570	133	4 704	401 <sup>1)</sup>
•	2 021	1 053	495	54	•	—
9.6	36 411	26 511	907	33 <sup>1)</sup>	3 816	—
7.0	70 380	49 231	2 575	446 <sup>1)</sup>	14 076	1 067
2.8	431 382	346 950	26 123	2 545	72 864	7 829
8.1	5 396	15 858	3 522	604	98 268	7 810
4.0	486 559	25 186	2 440	127 <sup>6)</sup>	6 828	318
•	14 550	1 424	1 315	28	•	—
•	1 195 241	644 943	65 594	5 763	•	•

<sup>5)</sup> As of 1 Jan. 1986 a full member of the EC. — <sup>6)</sup> Business years ending on 30 June of

# THE FEDERAL REPUBLIC OF GERMANY IN INTERNATIONAL COMPARISON, 1986 (cont'd)

Country	Passenger cars, total <sup>1)</sup>	Foreign trade		Gross domestic product <sup>1)2)</sup> per capita
		imports	exports	
	per 1 000 inhab.	DM bn		DM
Fed. Rep. of Germany	428	413.7	526.4	30 151
Belgium	350	148.7 <sup>3)</sup>	149.0 <sup>3)</sup>	26 546
Denmark	306	49.5	46.0	30 582
France	379	279.4	258.8	28 152
Greece	130	24.6	12.2	14 640
Great Britain and North. Ireland	293 <sup>4)5)</sup>	273.9	232.2	27 064
Ireland	202	25.2	27.4	17 624
Italy	392	216.9	211.5	23 459
Luxembourg	414	• <sup>6)</sup>	• <sup>6)</sup>	33 782
Netherlands	338	163.7	174.9	28 111
Portugal <sup>7)</sup>	171 <sup>5)</sup>	20.5	15.6	13 896
Spain <sup>7)</sup>	240	75.8	58.9	18 926
<b>EC</b>	•	1 691.9	1 712.9	•
Finland	316	33.2	35.4	•
Iceland	426	2.4	2.4	•
Norway	364	44.0	39.6	•
Austria	334	58.0	48.7	•
Sweden	377	70.5	80.7	•
Switzerland	402	88.7	80.8	•
Turkey	15 <sup>8)</sup>	•	•	•
Canada	431 <sup>5)</sup>	176.5	188.1	•
United States	539 <sup>5)</sup>	840.0	471.6	40 886
Japan	230	277.0	457.5	29 012
Australia	496	51.9	48.9	•
New Zealand	456	13.3	12.9	•
<b>OECD</b>	•	•	•	•

<sup>1)</sup> 1985. — <sup>2)</sup> At current prices and purchasing power parities. — <sup>3)</sup> Incl. Luxembourg. — <sup>4)</sup> Excl. North. Ireland. — <sup>5)</sup> 1984. — <sup>6)</sup> Included with »Belgium«. — <sup>7)</sup> As of 1 Jan. 1986 a full member of the EC. — <sup>8)</sup> 1983.

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