

FEDERAL STATISTICAL OFFICE

STATISTICAL

C  **MPASS**

1990

FEDERAL REPUBLIC OF GERMANY

09

1095

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 appendix the respective latest data on the member countries of the European Communities and the OECD. The present edition contains a substantially enlarged section of information on the German Democratic Republic and Berlin (East), now including also data on such important fields as environmental protection.

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 Verlag Metzler-Poeschel, Stuttgart.

Statist. Bundesamt - Bibliothek



08-05541

(09.1095)

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).

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	50

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 800 mm
Central chain of mountains	600 to over 1 500 mm
Alps	up to over 2 000 mm

Neighbouring states and length of borders

	4 231 km
German Democratic Republic	1 378 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

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

Höchenschwand (highest)	1 008 m
Neuendorf near Wilster (lowest)	- 3.5 m

Mountains (over 2 600 m altitude above sea level)

Zugspitze (Wetterstein Mountains)	2 962 m
Hochwanner (Wetterstein Mountains)	2 746 m
Höllental 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
Mädelegabel (Algau High Alps)	2 645 m
Dreitorspitze (Wetterstein Mountains)	2 633 m
Alpspitze (Wetterstein Mountains)	2 628 m
Hochkalter (Berchtesgaden Alps)	2 607 m

Federal Republic of Germany

Territory as on
30 June 1990



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

	Length ¹⁾	Of which navigable ¹⁾
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

¹⁾ Within the Federal Republic of Germany.

Lakes (with over 20 km² of surface)

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

Navigable canals (of over 50 km of length)

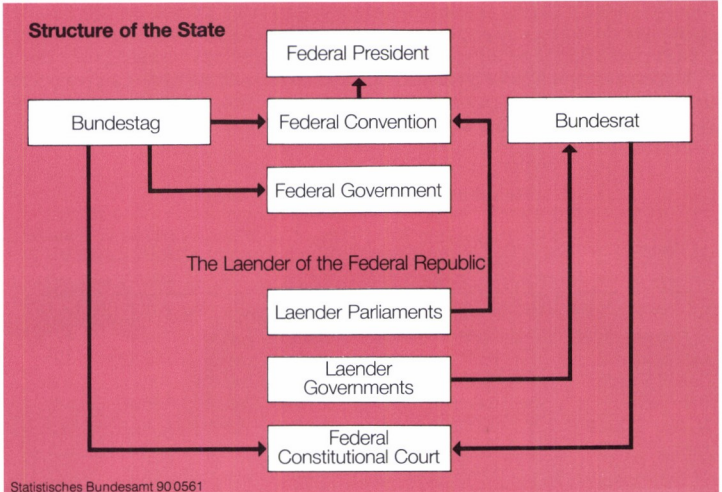
Midland Canal (since 1938)	321.3 km
incl. part belonging to the Federal Republic of Germany	258.7 km
Dortmund-Ems Canal (since 1899)	269.0 km
Main-Danube Canal (since 1989)	124.0 km
Elbeseitenkanal (North-South Canal, since 1976)	112.5 km
Kiel Canal (since 1895)	98.7 km
Küstenkanal (since 1935)	69.6 km
Elbe-Lübeck Canal (since 1900)	62.0 km
Wesel-Datteln Canal (since 1929)	60.2 km

Barrages (with a retaining capacity of over 100 mn m³)

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

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-Württemberg, Bavaria, Saarland and Berlin (West). In Berlin (West), the implementation of the Basic Law is subject to certain restrictions.



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-Württemberg), including 22 from Berlin (West). 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) – 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 ¹⁾	F.D.P.	GREENS	Others
		%				
Elections to the Landtage						
Schleswig-Holstein	1988	54.8	33.3	4.4	2.9	4.7
Hamburg	1987	45.0	40.5	6.5	7.0 ²⁾	1.0
Lower Saxony	1990	44.2	42.0	6.0	5.5	2.3
Bremen	1987	50.5	23.4	10.0	10.2	5.8
N. Rhine-Westph.	1990	50.0	36.7	5.8	5.0	2.5
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-Württemberg	1988	32.0	49.0	5.9	7.9	5.2
Bavaria	1986	27.5	55.8	3.8	7.5	5.4
Saarland	1990	54.4	33.4	5.6	2.6	3.9
Berlin (West)	1989	37.3	37.7	3.9	11.8 ³⁾	9.2
Elections to the Bundestag ⁴⁾						
Federal Republic	1987	37.0	44.3 ⁵⁾	9.1	8.3	1.4
European elections						
	1989	37.3	37.8 ⁶⁾	5.6	8.4	10.9

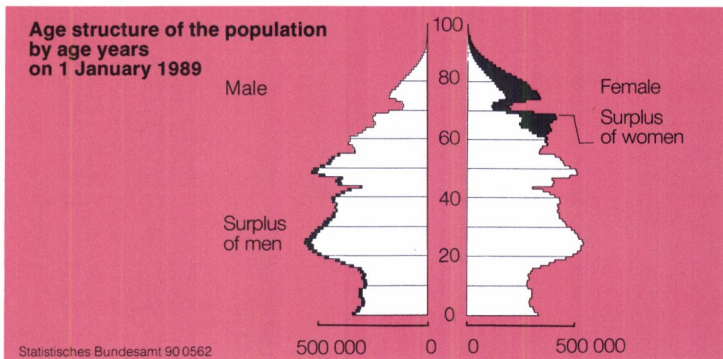
¹⁾ CSU only in Bavaria. – ²⁾ GREEN-Alternative List (GAL). – ³⁾ Alternative List – For Democracy and Environmental Protection (AL). – ⁴⁾ Second votes. – ⁵⁾ Of which CDU 34.5% and CSU 9.8%. – ⁶⁾ Of which CDU 29.5% and CSU 8.2%.

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	1970	1980	1988
Administrative structure				
Administrative districts	Number	30	25	26
Kreise	Number	542	328	328
Communities	Number	22 510	8 501	8 506
with . . . inhabitants				
under 2 000	Number	18 704	4 708	4 644
2 000 to under 100 000	Number	3 747	3 725	3 791
100 000 and over	Number	59	66	68
Population	1 000	61 001	61 658	61 450
Incl. foreigners	1 000	2 977	4 453	4 489
Incl.: Turks	1 000	469	1 462	1 524
Yugoslavs	1 000	514	632	579
Italians	1 000	574	618	509
Greeks	1 000	343	298	275
Inhabitants per km ²	Number	244	248	247
Age in . . . years				
under 6	%	10	6	6
6 to under 15	%	14	12	9
15 to under 25	%	13	16	15
25 to under 45	%	28	28	29
45 to under 65	%	23	22	26
65 and over	%	13	15	15
Marital status				
Male	1 000	29 072	29 481	29 323 ¹⁾
Single	%	43	44	43 ¹⁾
Married	%	53	51	51 ¹⁾
Widowed and divorced	%	4	5	6 ¹⁾
Female	1 000	31 930	32 177	31 754 ¹⁾
Single	%	36	35	34 ¹⁾
Married	%	47	47	47 ¹⁾
Widowed and divorced	%	16	18	19 ¹⁾

	Unit	1970	1980	1989
Religion				
Catholic	%	45	43	43 ²⁾
Protestant	%	49	42	41 ²⁾
Others	%	6	14	16 ²⁾
Households³⁾				
One-person households	1 000	5 527	7 493	9 805
Multi-person households	1 000	16 464	17 318	17 988
Marriage, divorce				
Marriages	1 000	445	362	398
Average age at marriage	Rate ⁴⁾	7.3	5.9	6.4
Male	Years	28.3	29.0	31.0 ²⁾
Female	Years	24.9	25.8	27.9 ²⁾
Divorces	1 000	77	96	...
	Rate ⁴⁾	1.3	1.6	...
Birth				
Live births	1 000	811	621	682
	Rate ⁴⁾	13.4	10.1	11.0
Incl. illegitimate	1 000	44	47	70
	Rate ⁵⁾	54.6	75.6	102.2
Foetal deaths	1 000	8	3	2
	Rate ⁶⁾	10.2	5.3	3.5
Excess of births (+) or of deaths (-)	1 000	+ 76	- 93	- 16
	Rate ⁵⁾	+1.3	-1.5	-0.3
Incl. foreigners	1 000	+ 55	+ 72	+ 71



	Unit	1970	1980	1989
Death				
Deaths	1 000	735	714	698
	Rate ⁴⁾	12.1	11.6	11.3
Incl.: During the first 7 days				
	1 000	13	4	2
	Rate ⁵⁾	16.4	6.3	3.0
Infant deaths	1 000	19	8	5
	Rate ⁵⁾	23.4	12.7	7.5
Life expectancy				
Men	Years	67.4	69.9	72.1 ⁷⁾
Women	Years	73.8	76.6	78.7 ⁷⁾
Migrations				
across the borders	1 000	1 567	1 193	1 326 ²⁾
Arrivals	1 000	1 069	752	904 ²⁾
Departures	1 000	498	441	422 ²⁾
Excess of arrivals (+) or departures (-)	1 000	+ 574	+ 312	+ 482 ²⁾
between communities	1 000	3 662	3 024	2 552 ²⁾
Ethnic German immigrants	Number	18 949	52 071	377 055
German immigrants ⁸⁾	Number	17 519	12 763	343 854

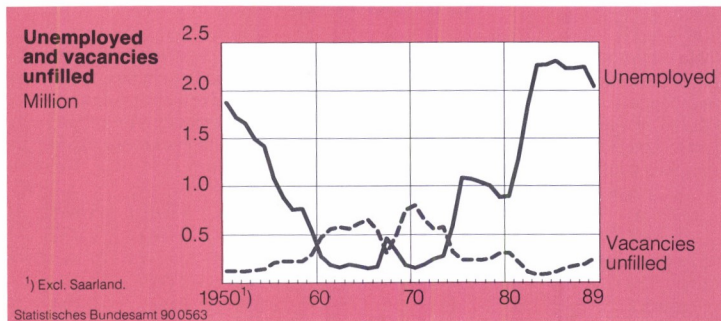
¹⁾ Results of the population census of 25 May 1987. - ²⁾ 1988. - ³⁾ Results of the microcensus - excl. institutional households. - ⁴⁾ Per 1 000 inhabitants. - ⁵⁾ Per 1 000 live births. - ⁶⁾ Per 1 000 live births and foetal deaths. - ⁷⁾ 1986/88. - ⁸⁾ From the GDR.

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, the monthly, quarterly and annual calculations of average employment figures as well as 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.

	1970 ¹⁾	1980 ¹⁾	1989 ¹⁾
	1 000	1 000	1 000
Economically active persons	26 452	26 874	27 742
Male	16 942	16 782	16 948
Female	9 510	10 092	10 794

	1970 ¹⁾	1980 ¹⁾	1989 ¹⁾
	1 000	1 000	1 000
Self-employed	2 766	2 316	2 463
Unpaid family workers	1 790	924	561
Dependently employed	21 896	23 635	24 718
in agriculture, forestry and fisheries			
Self-employed	2 370	1 437	1 039
Unpaid family workers	809	505	387
Dependently employed	1 257	663	395
Dependently employed	304	269	257
in production industries			
Self-employed	12 797	12 174	11 337
Unpaid family workers	665	581	583
Dependently employed	155	84	50
Dependently employed	11 977	11 508	10 704
in commerce, transport and communications			
Self-employed	4 566	4 722	4 970
Unpaid family workers	675	551	565
Dependently employed	213	84	51
Dependently employed	3 679	4 087	4 354
in other sectors of economy ²⁾			
Self-employed	6 719	8 541	10 397
Unpaid family workers	617	678	929
Dependently employed	165	92	65
Dependently employed	5 937	7 771	9 403



	1970 ³⁾	1980 ³⁾	1989 ³⁾
	1 000	1 000	1 000
Foreign labour employed	1 807	2 018	1 689 ⁴⁾
Incl. male	1 278	1 394	1 161 ⁴⁾
Short-time workers	10	137	108
Unemployed	149	889	2 038
Male	93	426	1 070
Female	56	462	968
Foreigners	5	107	233
Vacancies unfilled	795	308	251
Placements⁵⁾	2 988	1 905	2 282

¹⁾ Results of the microcensus. - ²⁾ Services. - ³⁾ Annual averages as provided by the Federal Institute for Employment. - ⁴⁾ End of June. - ⁵⁾ Annual totals.

AGRICULTURE, FORESTRY, FISHERIES

Data in a detailed material and regional breakdown on the structure of holdings, labour employed, land use and livestock keeping 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	1970	1980	1989
Agriculturally used area	1 000 ha	13 578	12 248 ¹⁾	11 885
Incl.: Arable land	1 000 ha	7 539	7 270	7 273
Permanent grassland	1 000 ha	5 500	4 754	4 407
Woodland	1 000 ha	7 170	7 318 ²⁾	7 401
Agricultural holdings	1 000	1 083	797	649
with an agriculturally used				
area of . . . to under . . . ha				
1 - 2	1 000	155	103	80
2 - 5	1 000	251	155	116
5 - 20	1 000	500	330	247
20 - 100	1 000	174	205	199
100 and over	1 000	3	4	6

Agriculturally used area 1989

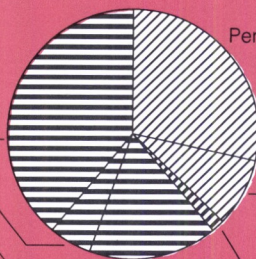
11.9 mn ha

Arable land:

Grain

Root crops

Fodder, industrial and horticultural crops, etc.



Permanent grassland:

Meadows and hay pastures

Herbages, rough grazings

Permanent crops, kitchen gardens

Statistisches Bundesamt 90 0564

	Unit	1970	1980	1989
Agricultural labour³⁾	1 000	2 721 ⁴⁾	1 911	1 511
Incl. family labour	1 000	2 596 ⁴⁾	1 821	1 427
Harvested quantities				
Grain	1 000 t	17 297	23 087	26 113
Potatoes	1 000 t	16 250	6 694	7 451
Fruit (production for the market)	1 000 t	•	787	924
Vegetables	1 000 t	1 368	971	1 494
Wine must	1 000 hl	9 889	4 635	13 226
Timber-cutting	1 000 m ³	28 196	30 327	29 508 ⁵⁾
Livestock population				
Cattle	1 000	14 026	15 069	14 563
Incl. milk cows	1 000	5 593	5 469	4 929
Pigs	1 000	20 969	22 553	22 165
Sheep	1 000	843	1 179	1 533
Horses	1 000	253	382	375 ⁵⁾
Milk production	1 000 t	21 856	24 779	24 243
Quantities slaughtered	1 000 t	3 986	4 808	4 762
Catches of sea fisheries	1 000 t	591	287	167

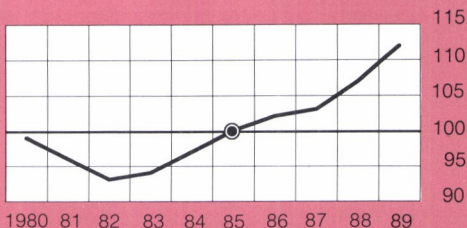
¹⁾ Decrease partly due to change of the lower limit of coverage. - ²⁾ 1979. - ³⁾ Excl. Hamburg, Bremen and Berlin. - ⁴⁾ Results of the Census of Agriculture, 1971. - ⁵⁾ 1988.

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; for handicrafts all enterprises are covered. 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	1970	1980	1989
Mining and manufacturing¹⁾				
Local units ²⁾	Number	•	48 777	45 997
Persons engaged ²⁾	1 000	8 887	7 660	7 213
Manhours worked	mn	12 531	9 153	7 860
Total wages and salaries	DM bn	128	257	347
Turnover ³⁾	DM bn	588	1 197	1 704
Incl. foreign turnover ³⁾	DM bn	107	290	525
Index of orders received⁴⁾				
Manufacturing	1985 = 100	•	78	122
Primary and producers' goods industries	1985 = 100	•	79	110
Investment-goods prod. ind.	1985 = 100	•	75	129
Consumer-goods prod. ind.	1985 = 100	•	87	123

Index of net production for mining and manufacturing
1985 = 100



	Unit	1970	1980	1989
Index of net production				
Production industries	1985 = 100	•	99	112
Electricity and gas supply	1985 = 100	•	91	109
Mining and manufacturing	1985 = 100	•	98	112
Mining	1985 = 100	•	110	86
Manufacturing	1985 = 100	•	97	112
Primary and producers' goods industries	1985 = 100	•	102	109
Investment-gds. prod. ind.	1985 = 100	•	92	116
Consumer-gds. prod. ind.	1985 = 100	•	107	111
Food, beverages and tobacco industry	1985 = 100	•	97	105
Building industry proper	1985 = 100	•	122	118
Index of labour productivity ⁵⁾				
per person engaged	1985 = 100	•	89	109
per wage earner	1985 = 100	•	87	111
Production				
Hard coal (output)	mn t	111	87	71
Petrol, spec. & testing benzines	1 000 t	14 103	21 680	20 470
Fuel oils	1 000 t	62 170	52 990	28 320
Cement (excl. cement clinker)	1 000 t	38 325	34 552	28 499
Pig iron and ferro alloys	1 000 t	33 627	33 873	32 777
Raw steel	1 000 t	45 041	43 838	41 073
Rolled steel	1 000 t	32 291	31 661	31 702
Virgin aluminium	1 000 t	309	731	734
Passenger cars ⁶⁾	1 000	3 529	3 260	4 536
Radio sets	1 000	6 728	3 707	4 975
Television sets	1 000	2 936	4 425	3 236
Plastics	1 000 t	4 360	6 787	9 176
Chemical fibres	1 000 t	510	564	1 015
Sawn wood	1 000 m ³	9 383	10 348	11 330
Paper and paperboard	1 000 t	5 692	7 958	11 241
Beer	1 000 hl	81 995	89 570	89 167
Cigarettes	bn	130	170	159
Building industry proper				
Establishments	Number	63 415	60 294	63 298
Persons engaged	1 000	1 567	1 263	999
Hours worked	mn	2 606	1 745	1 313

	Unit	1970	1980	1989
Total wages and salaries	DM mn	22 795	37 442	38 786
Turnover of construction ³⁾	DM bn	58	112	125
Index of				
orders received ⁴⁾	1985 = 100	•	115	132
orders on hand ⁴⁾	1985 = 100	•	129	119
production	1985 = 100	•	122	118
Power supply				
Gas	bn m ³	42	43	33
Electricity	bn kWh	243	369	441
Handicrafts⁷⁾				
Persons engaged	1 000	3 911	3 930	3 668
Turnover	DM bn	173	317 ³⁾	395 ³⁾

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⁾ Incl. estate cars. - ⁷⁾ Excl. subsidiary establishments.

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 provide data on building permits and completions of buildings. Structural data of great detail are derived from the censuses of buildings and housing (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	1970	1980	1989
Work authorized				
Dwellings ¹⁾	1 000	609	381	276
Residential buildings ²⁾	1 000	218	197	136
Incl. industrialized building	1 000	15	24	9
Volume enclosed	mn m ³	267	215	146
Dwellings	1 000	572	356	246
Estimated costs of the building	DM mn	33 647	57 164	49 605

	Unit	1970	1980	1989
Non-residential buildings ²⁾	1 000	47	39	34
Incl. industrialized building	1 000	6	10	10
Volume enclosed	mn m ³	231	174	175
Dwellings	1 000	13	9	7
Estimated costs of the building	DM mn	20 963	29 977	35 236

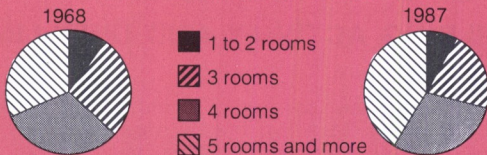
Work completed

Dwellings ¹⁾	1 000	478	389	239
Incl. in residential buildings ²⁾ ³⁾	1 000	445	363	232
with . . . rooms ⁴⁾				
1 and 2	%	11	8	9
3	%	16	14	15
4	%	31	19	76 ⁵⁾
5 and more	%	42	59	•
Living space per dwelling	m ²	84	102	100

Subsidized dwellings

(permits) ¹⁾	1 000	165	97	68
-------------------------	-------	-----	----	----

Rented and owner-occupied dwellings, by number of rooms



Statistisches Bundesamt 90 0566

Building and dwelling stock

	Unit	1970	1980	1989
Residential buildings	1 000	9 222	11 217	12 020 ⁷⁾
Dwellings ⁶⁾	1 000	20 807	25 406	26 280 ⁷⁾
with . . . rooms ⁴⁾				
1 and 2	%	10	11	9 ⁷⁾
3	%	26	24	21 ⁷⁾
4	%	32	30	29 ⁷⁾
5 and more	%	32	35	41 ⁷⁾

¹⁾ In residential and non-residential buildings (incl. building measures at existing buildings). -

²⁾ Construction of new buildings. - ³⁾ As from 1983 incl. residential homes. - ⁴⁾ Incl. kitchens. -

⁵⁾ 4 rooms and more. - ⁶⁾ 1970 and 1980 figures of current calculation on the basis of the census of buildings and housing of 25 October 1968. - ⁷⁾ Results of the census of buildings and housing of 25 May 1987.

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	1970	1980	1989
Wholesale trade				
Persons engaged	1986 = 100	112	105	104
Raw materials and semi-finished products	1986 = 100	116	110	102
Finished products	1986 = 100	110	103	105
Turnover ¹⁾	1986 = 100	43	88	110
Raw materials and semi-finished products	1986 = 100	47	102	107
Finished products	1986 = 100	41	77	113
Retail trade				
Persons engaged	1986 = 100	109	107	103
Turnover ²⁾	1986 = 100	42	85	114
Department stores	1986 = 100	57	106	103
Mail order houses	1986 = 100	51	98	108

Turnover of wholesale and retail trade and of the hotel and restaurant industry 1986 = 100
At current prices



	Unit	1970	1980	1989
Hotel and restaurant industry				
Persons engaged	1986 = 100	92	98	104
Turnover ²⁾	1986 = 100	52	88	110
Lodging trade	1986 = 100	43	81	117
Restaurant industry	1986 = 100	57	93	106
Tourism				
Guest beds	1 000	1 004	1 450	1 801
Arrivals	mn	40	54	70
Incl. foreign guests	mn	8	10	15
Overnights	mn	185	250	243
Incl. foreign guests	mn	16	23	33
Average length of stay of guests	Days	5	5	4
Berlin trade				
Deliveries from Berlin (West)	DM mn	15 639	28 428	38 840
Deliveries to Berlin (West)	DM mn	16 077	23 322	27 498
Merchandise trade with the GDR and Berlin (East)				
Purchases	DM mn	1 996	5 580	7 205
Deliveries	DM mn	2 416	5 293	8 104

¹⁾ Excl. turnover (value added) tax. - ²⁾ 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.

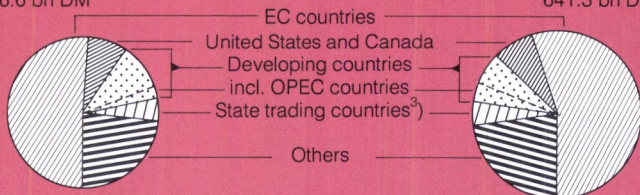
	1970	1980	1989
	DM mn	DM mn	DM mn
Imports	109 606	341 380	506 648
Foodstuffs etc.	20 924	43 363	56 140
Live animals	338	657	725

	1970	1980	1989
	DM mn	DM mn	DM mn
Food			
of animal origin	4 815	10 200	14 892
of vegetable origin	12 870	25 752	32 319
Beverages and tobacco	2 901	6 753	8 204
Industrial goods	87 233	293 706	442 158
Raw materials	14 809	58 929	32 177
Semi-finished products	17 660	59 918	63 117
Finished products	54 763	174 859	346 865
Pre-products	16 999	45 187	75 964
Final products	37 764	129 672	270 901
Major commodity groups¹⁾			
Chemical products	7 886	26 659	51 798
Electrical goods	5 772	20 939	49 089
Road vehicles	4 925	16 005	40 781
Prod. of mechanical engineering	6 573	16 423	30 951
Textiles	6 792	17 311	25 431
Non-ferrous metals and semi-finishes	8 248	16 175	22 816
Petroleum, natural gas and bituminous stones	6 293	53 973	22 714
Mineral oil products	2 645	18 711	12 881
Major countries of origin¹⁾			
France	13 899	36 591	60 422
Netherlands	13 313	39 147	51 972
Italy	10 836	27 083	45 197
United States	12 066	25 690	38 266
Belgium and Luxembourg	10 388	24 462	34 975
Great Britain and Northern Ireland	4 264	22 860	34 698
Japan	2 052	10 434	32 186
Switzerland	3 336	12 139	21 249
Austria	2 313	9 825	20 995
Exports	125 276	350 328	641 342
Foodstuffs etc.	4 380	18 471	32 044
Industrial goods	120 194	329 357	607 236
Raw materials	3 188	6 792	7 476
Semi-finished products	9 577	30 520	36 255
Finished products	107 430	292 045	563 506
Pre-products	23 034	62 630	108 438
Final products	84 395	229 415	455 067

Imports and exports 1989, by groups of countries

Imports¹⁾
506.6 bn DM

Exports²⁾
641.3 bn DM



Statistisches Bundesamt 90 0568

¹⁾ Countries of origin. - ²⁾ Countries of destination. -
³⁾ According to position of January 1989.

	1970	1980	1989
	DM mn	DM·mn	DM mn
Major commodity groups¹⁾			
Road vehicles	18 288	52 837	115 540
Products of mechanical engineering	24 194	57 599	97 946
Chemical products	16 660	46 222	84 413
Electrical goods	12 133	34 359	71 785
Iron and steel	8 373	18 693	25 971
Textiles	5 386	12 158	22 182
Iron, steel, sheet and metal goods	4 072	9 896	17 811
Aircraft and spacecraft	638	5 147	15 672
Non-ferrous metals and semi-finishes	2 809	9 928	14 791
Office equipment ²⁾	2 318	5 438	14 463
Precision and optical goods; clocks and watches	2 725	6 638	11 746
Major countries of destination¹⁾			
France	15 480	46 615	84 358
Italy	11 172	29 936	59 830
Great Britain and Northern Ireland	4 456	22 917	59 364
Netherlands	13 313	33 273	54 422
United States	11 437	21 478	46 659
Belgium-Luxembourg	10 294	27 482	45 979
Switzerland	7 674	20 007	38 149
Austria	5 684	19 257	35 275
Sweden	4 688	10 127	18 354
Export surplus	15 670	8 947	134 694

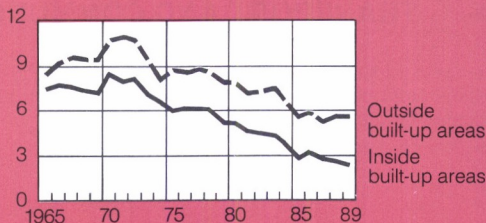
¹⁾ Order according to volume of 1989 imports and exports, respectively. - ²⁾ Incl. data processing machines and equipment.

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 police reports.

	Unit	1970	1980	1989
Trafficways				
Railway lines	km	33 010	31 497	30 045
Roads (other than local)	km	162 344	171 251	173 652
Incl. Federal Autobahn system	km	4 110	7 292	8 721
Motorbus lines	km	629 441	571 175	513 575 ¹⁾
Means of transport				
Locomotives and railcars	Number	10 489	10 160	8 617
Wagons	1 000	332	342	261
Passenger cars, total ²⁾	1 000	13 941	23 192	29 755
Incl. low-polluting	1 000	•	•	10 910
New registrations of passenger cars ²⁾³⁾	1 000	2 107	2 426	2 832
Incl. low-polluting	1 000	•	•	2 739
Motor lorries	1 000	1 028	1 277	1 345
Motorcycles	1 000	229	738	1 379
Inland water craft ⁴⁾	Number	6 336	3 812	2 990
Merchant vessels ⁵⁾	1 000 GRT	8 441	7 608	4 005
Aircraft ⁶⁾	Number	3 792	7 769	8 811
Passengers carried				
Railways	mn	1 054	1 165	1 127
Road transport ⁷⁾	mn	6 170	6 730	5 542 ¹⁾
Air transport	1 000	21 340	35 879	55 972
Goods carried				
Railways	mn t	392	364	315
Long-distance road haulage	mn t	165	298	414
Inland waterways	mn t	240	241	235
Sea-borne transport	mn t	138	154	141
Air transport	1 000 t	315	604	1 117
Pipelines	mn t	81	76	59
Communications				
Letters posted	mn	10 680	12 240	13 886
Telephone calls	mn	10 216	21 193	31 710

Persons killed in road traffic accidents
Thousand



Statistisches Bundesamt 90 0569

Road traffic accidents

	Unit	1970	1980	1989
Accidents involving personal injury	Number	377 610	379 235	343 604
Persons killed	Number	19 193	13 041	7 995
Persons injured	Number	531 795	500 463	449 397

¹⁾ 1988. - ²⁾ Position: 1 July. - ³⁾ Factory-new vehicles. - ⁴⁾ Only for goods transport. - ⁵⁾ Vessels of 100 GRT and over. - ⁶⁾ Motorized aircraft. - ⁷⁾ 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	1970	1980	1989
Note and coin circulation	DM mn	39 488	91 191	162 144
Banks				
Deutsche Bundesbank ¹⁾				
Monetary reserves ²⁾	DM mn	51 338	83 007	99 960
Bills and collateral claims	DM mn	15 833	46 965	39 289
Deposits	DM mn	35 018	56 591	78 519
Credit institutions ¹⁾				
Lending to non-banks	DM mn	543 733	1 542 852	2 607 952
Incl. for periods of over 1 year	DM mn	349 136	1 134 781	1 954 777

	Unit	1970	1980	1989
Deposits of non-banks				
Sight and time deposits	DM mn	200 045	547 273	1 114 365
Savings deposits	DM mn	205 440	490 538	715 236
Incl. with premiums	DM mn	20 239	47 980	21 992
Building and loan associations ¹⁾				
Savings deposits	DM mn	40 360	110 605	119 979
Mortgages and intermediate credits	DM mn	33 784	115 409	127 479

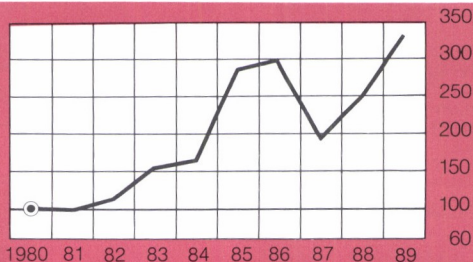
Security market

Gross sales				
Fixed-interest securities ³⁾⁴⁾	DM mn	20 816	137 453	253 262
Shares ³⁾⁵⁾	DM mn	5 154	4 940	11 021
Index of share prices ¹⁾	1980 = 100	86	100	330

Index of share prices

30 Dec. 1980 = 100

Position at end of quarter



Statistisches Bundesamt 90 0570

	Unit	1970	1980	1989
Life assurances				
Gross premiums	DM mn	10 073	30 688	49 548
Policies ¹⁾	1 000	55 153	66 921	69 527
Sum assured ¹⁾⁶⁾	DM	4 049	11 742	22 437
Inability to pay debts				
Insolvencies	Number	4 201	9 140	14 643
Bankruptcy proceedings	Number	3 943	9 059	14 607
Composition proceedings instituted	Number	324	94	57
Protests of bills of exchange	1 000	255	149	69

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

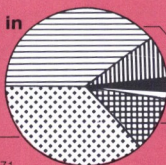
JUSTICE

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	1970	1980	1989
Courts				
Civil and criminal courts ¹⁾	Number	889	670	665
Labour, administrative, social and finance courts ¹⁾²⁾	Number	200	191	194
Judges at Laender and federal courts	Number	12 954	16 657 ³⁾	17 627
Public prosecutors	Number	2 709	3 593 ³⁾	3 759
Lawyers ⁴⁾	Number	24 400	38 272 ³⁾	55 121

Persons convicted in 1988 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 90 0571

	Unit	1970	1980	1988
Persons convicted	1 000	643	732	703
	Rate ⁵⁾	1 346	1 433	1 328
Excl. in connection with road traffic	1 000	335	403	446
	Rate ⁵⁾	701	789	843
Men	1 000	271	322	359
	Rate ⁵⁾	1 215	1 340	1 429
Women	1 000	64	81	86
	Rate ⁵⁾	252	300	311
Juveniles	1 000	46	58	37
	Rate ⁵⁾	1 446	1 376	1 259
Adolescents	1 000	43	52	51
	Rate ⁵⁾	1 755	1 754	1 727
Adults	1 000	246	293	358
	Rate ⁵⁾	583	667	762

	Unit	1970	1980	1988
Selected offences				
Larceny and embezzlement	1 000	139	163	167
Robbery, extortion	1 000	3	5	6
Other offences against property	1 000	54	70	107
Bodily injury	1 000	22	29	33
Sexual offences	1 000	8	6	5
Others relating to the person	1 000	27	27	23
Against state, public order, in office	1 000	16	17	18
Causing public danger	1 000	10	9	9
In connection with road traffic	1 000	308	329	257
	Rate ⁵⁾	645	644	486

¹⁾ Always position as of 1 Jan. of the following year. - ²⁾ Courts of first instance only. - ³⁾ 1981. -

⁴⁾ Incl. lawyers who are also notaries public, and notaries public. - ⁵⁾ 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.

	1970	1980	1989
Pupils at	1 000	1 000	1 000
schools of general education	8 992	9 186	6 718
Incl.: Elementary schools	3 973	2 773	2 450
Post-primary schools ¹⁾	2 375	2 272	1 253
Special schools	322	354	246
Intermediate schools	886	1 351	841
Grammar schools	1 379	2 119	1 546
Comprehensive schools (integrated) ²⁾	—	220	273
Evening schools and courses of lectures	25	35	41
schools of vocational education	1 984	2 576	2 256
Incl.: Part-time vocational schools ³⁾	1 600	1 970	1 660
Full-time vocational schools	183	326	262
Trade and technical schools ⁴⁾	102	95	119
public health schools	65	97	97 ⁵⁾

Pupils at schools of general education 1989

Post-primary schools¹⁾

Elementary schools

Special schools

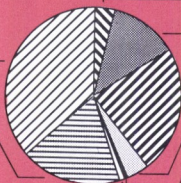
Intermediate schools

Grammar schools

Comprehensive schools (integr.)²⁾

Evening schools and courses of lectures

Pre-school classes and school-operated kindergartens



¹⁾ Incl. fifth and sixth years' orientation stage for all types of schools. -

²⁾ Incl. "Freie Waldorfschulen".

Statistisches Bundesamt 90 0572

	1970	1980	1989
	1 000	1 000	1 000
School graduates⁶⁾			
After completion of full-time compulsory ed.	481	505	288 ⁷⁾
With completed intermediate or equivalent school education	200	381	334 ⁷⁾
With completed school education qualifying for enrolment in an instit. of higher education or a higher technical college	88	219	292 ⁷⁾
Apprentices	1 269	1 715	1 552
Industry and commerce	725	787	783
Handicrafts	420	702	533
Other sectors of vocational training	124	226	237
Final examinations passed (in vocat. train.)	•	568	643 ⁷⁾
Students⁸⁾	422	1 036	1 508
Universities ⁹⁾	412	818	1 128
Colleges of arts	10	18	23
Higher technical colleges ¹⁰⁾	-	200	357
Examinations passed (at inst. of higher education)	102 ¹¹⁾	124	159 ⁷⁾
Teachers¹²⁾			
Schools of general education	314	498	490 ⁷⁾
Schools of vocational education	41	75	91 ⁷⁾
Public health schools	•	3	5 ⁷⁾
Teachers at inst. of higher education¹³⁾	49	127	151 ⁷⁾
Universities ⁹⁾	48	105	121 ⁷⁾
Colleges of arts	1	4	5 ⁷⁾
Higher technical colleges ¹⁰⁾	-	18	25 ⁷⁾

¹⁾ Incl. fifth and sixth years' orientation stage for all types of schools. - ²⁾ Incl. "Freie Waldorfschulen". - ³⁾ Incl. special part-time vocat. schools, preparatory vocational year and basic vocational training year. - ⁴⁾ Incl. technical and vocational academies. - ⁵⁾ Excl. Hesse. - ⁶⁾ Schools of general and of vocational education. - ⁷⁾ 1988. - ⁸⁾ In each case winter term. - ⁹⁾ Incl. teacher training colleges, theol. colleges and Gesamthochschulen. - ¹⁰⁾ Excluding former engineering academies. - ¹¹⁾ 1973. - ¹²⁾ Teachers working on full-time or part-time basis as their main occupation. - ¹³⁾ 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	1970	1980	1989
Adult education schools	Number	1 169	878	850 ¹⁾
Enrolments	1 000	5 693	8 045	9 037 ¹⁾
Public theatres	Number	194	221	319 ¹⁾
Seats	1 000	127	134	155 ¹⁾
Attendance	1 000	17 655	17 377	15 394 ¹⁾
Cinemas	Number	•	3 354	3 246 ¹⁾
Seats	1 000	•	910	627 ¹⁾
Attendance	1 000	•	143 800	108 900 ¹⁾
Radio and television				
Radio subscribers	1 000	19 622	23 323	27 427 ²⁾
Television subscribers	1 000	16 675	21 190	24 142 ²⁾
Museums	Number	•	•	2 107 ¹⁾
Visitors	1 000	•	•	66 377 ¹⁾
Book publishing				
First editions	Number	38 703	54 572	50 786 ³⁾
Re-editions	Number	8 393	12 604	17 825 ³⁾
Press				
Newspapers	Number	•	368	354 ³⁾
Periodicals	Number	•	6 243	7 642 ³⁾
Youth hostels	Number	633	566	523
Beds	Number	75 962	71 548	68 688
Overnights	1 000	7 790	10 805	8 840
German Sports Association				
Clubs	Number	39 201	53 451	66 652
Members	1 000	8 287	14 441	18 422
Sports badges awarded	1 000	216	434	519

¹⁾ 1988. - ²⁾ Radio and television sets subject to or exempted from fees; excl. second sets which need not be registered (e. g. in households). - ³⁾ 1987.

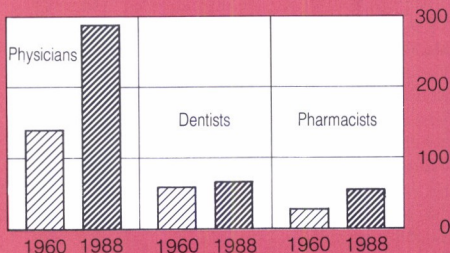
PUBLIC HEALTH

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 professional medical associations as well as of the public health offices and the hospitals. The microcensus provides at several years' intervals information on sick persons and persons injured in accidents.

	1970	1980	1989
Notifiable diseases			
Typhoid fever	477	352	204
Salmonellosis	12 410	48 537	63 600
Tuberculosis (all forms)	48 262	25 924	13 379 ¹⁾
Diphtheria	57	19	4
Poliomyelitis	15	7	4
Venereal diseases	81 884 ²⁾	57 786	8 740
Encephalitis and meningitis	6 787	6 120	3 029
Infectious hepatitis	21 770	20 011	9 763
Most frequent causes of death			
Diseases of circulatory system	324 095	359 503	341 428 ¹⁾
Incl. cerebrovascular diseases	106 740	102 329	84 723 ¹⁾
Malignant neoplasms	142 423	156 734	169 157 ¹⁾
Accidents	38 997	27 692	19 778 ¹⁾

Physicians, dentists, pharmacists

Per 100 000 inhabitants



Statistisches Bundesamt 90 0573

	1970	1980	1988
Physicians and nursing staff			
Physicians	99 654	139 431	177 001
Dentists	31 175	33 240	39 644
Veterinarians	8 598	9 441	11 707
Nursing staff ³⁾	175 183	281 651	331 704
Midwives ³⁾	5 563	4 981	5 810

	1970	1980	1988
Pharmacies			
Pharmacies	11 526	16 244	18 301
Pharmacists	20 866	28 674	34 498
Hospitals			
Hospitals	3 587	3 234	3 069
Beds (actually operated) ⁴⁾	683 254	707 710	672 834
Physicians	46 550	72 540	89 698
Incl. foreigners	4 613	8 590	4 320
In-patients (in thousands)	9 338	11 596	13 227
Length of stay (days) ⁵⁾	25	20	17
Bed occupancy rate (in %) ⁵⁾	89	85	87
Abortions	•	87 702	75 297 ⁶⁾

1) 1988. – 2) 1971. – 3) Only staff employed in hospitals. – 4) 1970 and 1980 scheduled beds. – 5) Average. – 6) 1989.

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	1970	1980	1989
Public health insurance				
Members (incl. pensioners)	1 000	30 646	35 395	37 001 ¹⁾
Expenditure	DM mn	25 179	89 834	134 376 ¹⁾
Public accident insurance				
Number of pensions paid ²⁾	1 000	1 018	1 005	939 ¹⁾
Expenditure ³⁾	DM mn	4 881	11 356	14 038 ¹⁾
Workers' old age insurance funds				
Number of pensions paid	1 000	6 921	8 509	9 057
Expenditure	DM mn	31 939	80 145	104 644 ¹⁾
Employees' old age ins. funds				
Number of pensions paid	1 000	2 537	3 871	5 061
Expenditure	DM mn	16 409	57 131	86 672 ¹⁾
Miners' old age insurance funds				
Number of pensions paid	1 000	753	727	709
Expenditure	DM mn	6 131	13 303	15 922 ¹⁾

	Unit	1970	1980	1989
Unemployment pay and unemployment relief				
Recipients	1 000	113	576	1 384
Expenditure	DM mn	722	10 220	25 779
Assistance for war victims				
Persons qualifying for pensions	1 000	2 564	1 952	1 364
Public assistance				
Assisted persons	1 000	1 491	2 144	3 349 ¹⁾
Expenditure	DM mn	3 335	13 266	27 010 ¹⁾
Public youth welfare				
Expenditure	DM mn	1 379	5 313	9 258 ¹⁾⁴⁾
Children's allowances				
Recipients ⁵⁾	1 000	14 065 ⁶⁾	12 541	10 117
Expenditure	DM mn	11 588 ⁶⁾	13 393	10 866
Housing allowances				
Recipients ⁷⁾	1 000	908	1 486	1 583
Expenditure	DM mn	599	1 835	3 690

¹⁾ 1988. - ²⁾ Excl. accident insurance for pupils. - ³⁾ 1988 incl. accident insurance for pupils. - ⁴⁾ Incl. expenditure of municipalities attached to a "Kreis" which do not have their own youth welfare office. - ⁵⁾ Children of beneficiaries; position: Nov./Dec. - ⁶⁾ 1975. - ⁷⁾ Excl. retroactive authorizations.

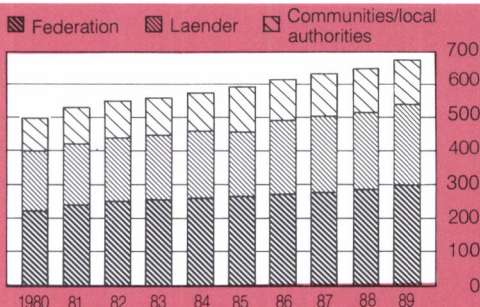
FINANCE AND TAXES

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 of 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 of the respective assessment bases such as income, capital gains and profits, wealth, turnover, 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.

	1970	1980	1989
Public budgets	DM mn	DM mn	DM mn
Expenditure¹⁾	196 330	498 088	675 469
Federal Government	88 207	217 579	292 436
Laender	77 094	208 648	280 603
Communities/local authorities	56 486	145 578	193 115

Expenditure of public budgets, by groups of bodies corporate

DM bn



Statistisches Bundesamt 90 0574

	1970	1980	1989
	DM mn	DM mn	DM mn
Selected types of functions			
Personnel expenses	61 484	162 570	218 629
Current expenditure on materials	31 713	75 146	109 325
Interest expenses	6 864	29 649	61 313
Construction activities	25 797	46 634	43 983
Selected functions			
Defence	19 831	40 937	53 146 ²⁾
Public safety, justice	7 889	22 213	29 882 ²⁾
Schools, universities, etc.	24 784	73 031	88 111 ²⁾
Science, research	2 819	9 707	11 949 ²⁾
Social security	40 355	107 995	140 905 ²⁾
Public health, sports, recreation	10 208	31 657	40 670 ²⁾
Housing and physical planning	10 727	30 346	35 890 ²⁾
Economic promotion	14 417	22 574	28 046 ²⁾
Transport and communications	17 585	31 324	29 489 ²⁾
Cash tax revenue	152 664	364 916	535 525
Joint taxes	99 949	267 300	396 941
Wage tax	35 086	111 559	181 832
Assessed income tax	16 001	36 796	36 799
Capital yield tax	2 021	4 175	12 648
Corporation tax	8 716	21 322	34 181
Turnover (value added) tax	26 791	52 851	67 995
Turnover tax on imports	11 334	40 597	63 484

	1970	1980	1989
	DM mn	DM mn	DM mn
Federal taxes	27 505	46 053	61 338
Incl.: Insurance taxes	617	1 779	4 190
Customs duties ³⁾	2 980	4 603	•
Tobacco tax	6 536	11 288	15 509
Coffee tax	1 057	1 478	1 793
Spirits duties	2 228	3 885	3 920
Mineral-oil tax	11 512	21 351	32 965
Laender taxes	9 531	16 072	24 209
Incl.: Property tax	2 877	4 664	5 775
Inheritance tax	523	1 017	2 082
Tax on acquisition of real estate	465	1 019	3 606
Motor vehicle tax	3 830	6 585	9 167
Betting and lottery tax	566	1 282	1 935
Beer tax	1 175	1 262	1 260
Customs duties ³⁾	•	•	6 795
Local taxes	15 679	35 491	46 246
Incl.: Tax on land and buildings A and B	2 683	5 804	8 490
Trade tax	12 117	27 960	36 706
Revenue after distribution			
of Federal Government	83 705	177 542	249 786
of Laender ⁴⁾	50 482	125 474	189 215
of communities/local authorities ⁵⁾	18 240	51 299	73 650
of European Communities	—	10 619	22 795
Further:			
Equalization of burdens levies	1 582	75	0
Debts⁶⁾			
Federal Government	123 174	453 962	915 345
Incl. Equalization of Burdens Fund	54 456	229 988	490 539
E.R.P. Special Fund	6 710	2 529	31
Laender	1 296	3 200	6 753
Communities/local authorities	27 448	136 032	307 684
	39 974	84 743	110 369 ⁷⁾

	1970	1980	1989
	1 000	1 000	1 000
Personnel⁸⁾	3 099	3 598	3 548
Federal Government ⁹⁾	305	316	311
Laender	1 210	1 568	1 521
Communities/local authorities	758	920	987
Communal associations	19	30	38
German Federal Railways	405	338	255
Federal Postal Administration	402	426	437
Service relationship			
Officials and judges	1 402	1 673	1 631
Salaried employees	900	1 126	1 153
Wage earners	796	800	764

1) Adjusted for payments between central and local government. - 2) 1988. - 3) 1970 and 1980 included with federal taxes, separate recording for 1989. - 4) Incl. state taxes of city states. - 5) Incl. local taxes of city states. - 6) Excl. debt towards public budgets. - 7) Excl. debt of community-owned enterprises. - 8) Full-time staff of direct public service. - 9) 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 1988). Further information on the consumption of food, beverages and tobacco is provided, inter alia, by the excise duty statistics.

	Unit	1970	1980	1989
Selected private households				
Household type 1 ¹⁾	Number	154	163	165
2 ²⁾	Number	342	381	384
3 ³⁾	Number	393	428	401
Gross income of households ⁴⁾				
Household type 1 ¹⁾	DM	558	1 330	2 099
2 ²⁾	DM	1 507	3 697	5 244
3 ³⁾	DM	2 654	5 839	8 313
Deductions for income and property tax ²⁾⁴⁾	DM	129	400	502
Compulsory social insurance contributions ²⁾⁴⁾	DM	157	455	728

	Unit	1970	1980	1989
Private consumption expenditure ⁴⁾				
Household type 1 ¹⁾	DM	518	1 171	1 673
2 ²⁾	DM	1 089	2 443	3 325
3 ³⁾	DM	1 867	3 799	4 953
Incl.: ²⁾⁴⁾				
Food	DM	327	586	697
Beverages and tobacco	DM	58	100	96
Clothing, footwear	DM	118	227	267
Rents ⁵⁾	DM	168	401	696
Electricity, gas, fuels, etc.	DM	51	159	179
Motor vehicles	DM	92	265	426
Telecommunications ⁶⁾	DM	8	43	61
Personal care and health	DM	39	73	111
Education, entertainment, leisure time	DM	79	211	354
Inclusive tours	DM	2	33	24
Formation of wealth	DM	97	383	478

Monthly private consumption expenditure 1989



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



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



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

Statistisches Bundesamt 90 0575

	Unit	1970	1980	1989
Equipment of private households²⁾				
Transport and communications				
Passenger cars	%	51	82	96
Motorcycles ⁷⁾	%	8	9	8
Telephone	%	20	86	99

	Unit	1970	1980	1989
Education and entertainment				
Black and white television sets	%	89	57	31
Colour television sets	%	4	74	95
Video recorders	%	•	•	49
Stereo radio receivers	%	—	34	48
Compact stereo units	%	—	37	67
Record players	%	49	66	40
Cassette recorders	%	—	81 ⁸⁾	75 ⁸⁾
Home computers	%	•	•	26
Photo cameras	%	94	96	99
Household operation				
Refrigerators	%	94	84 ⁹⁾	81 ⁹⁾
Home freezers, deep freezers	%	19	63	75
Combined refrigeration and freezing units	%	•	17	25
Dishwashers	%	2	26	53
Electrical sewing machines	%	48	76	77
Electrical ironing machines	%	9	18	14
Fully-automated washing machines	%	38	79	97 ¹⁰⁾
Vacuum cleaners	%	89	99	99
Electrical do-it-yourself appliances	%	•	41	62

	Unit	1970/71	1980/81	1988/89
Consumption of food, beverages and tobacco¹¹⁾				
Cereal products (in terms of flour)	kg	66.0	67.8	74.6
Rice	kg	1.6	2.0	2.8
Potatoes	kg	102.0	80.5	72.6
Meat and meat products	kg	79.0	100.5 ¹²⁾	100.2 ¹²⁾
Market milk	l	92.5	84.5 ¹²⁾	91.7 ¹²⁾
Cigarettes ¹²⁾	Piece	1943	2086	1917
Beer ¹²⁾	l	141	146	143
Spirits ¹²⁾	l of alcohol	3.0	3.1	2.1

¹⁾ 2-person households of recipients of pensions and welfare benefits with low income. -

²⁾ 4-person households of salaried employees and wage earners with medium income. -

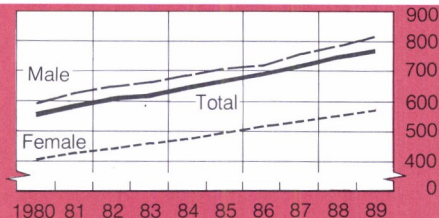
³⁾ 4-person households of officials and salaried employees with higher income. - ⁴⁾ Per household and month. - ⁵⁾ Incl. rental value for owner-occupied dwellings. - ⁶⁾ Postal, telegram and telephone charges. - ⁷⁾ Incl. motorbikes, scooters, mopeds, etc. - ⁸⁾ Incl. tape recorders. - ⁹⁾ Excl. combined refrigeration and freezing units. - ¹⁰⁾ Incl. combined washing and drying units. - ¹¹⁾ Per inhabitant and year. - ¹²⁾ Calendar year (1970, 1980, 1989).

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 several years' intervals.

	Unit	1970	1980	1989
Industry¹⁾				
Weekly hours paid	hs	44.0	41.6	40.1
Wage earners, male	hs	44.8	42.1	40.4
Wage earners, female	hs	40.7	40.0	38.7
Gross hourly earnings	DM	6.09	13.41	19.16
Wage earners, male	DM	6.49	14.16	20.09
Wage earners, female	DM	4.49	10.25	14.76
Index of gross hourly earnings	1985 = 100	38.4	82.5	116.5
Wage earners, male	1985 = 100	38.7	82.5	116.4
Wage earners, female	1985 = 100	36.4	81.6	117.1

Average gross weekly earnings of wage earners in industry DM



Statistisches Bundesamt 90 0576

	Unit	1970	1980	1989
Gross weekly earnings	DM	268	559	768
Wage earners, male	DM	292	596	811
Wage earners, female	DM	183	408	571
Gross monthly earnings	DM	1 408	3 320	4 777
Salaried employees, male	DM	1 612	3 648	5 244
Salaried employees, female	DM	1 009	2 416	3 487
Handicrafts				
Gross hourly earnings ²⁾	DM	6.29	13.77	18.24
Agriculture				
Index of agreed wages	1985 = 100	•	•	109.6 ³⁾

	Unit	1970	1980	1989
Wholesale trade				
Gross monthly earnings	DM	1 201	2 746	3 743
Salaried employees, male	DM	1 380	3 090	4 162
Salaried employees, female	DM	918	2 086	2 874
Retail trade				
Gross monthly earnings	DM	926	2 132	2 903
Salaried employees, male	DM	1 290	2 760	3 616
Salaried employees, female	DM	775	1 787	2 460
Credit institutions				
Gross monthly earnings	DM	1 221	2 702	3 846
Salaried employees, male	DM	1 425	3 047	4 333
Salaried employees, female	DM	1 020	2 360	3 327
Insurance institutions				
Gross monthly earnings	DM	1 222	2 895	4 170
Salaried employees, male	DM	1 404	3 280	4 665
Salaried employees, female	DM	1 039	2 510	3 641
Industries, central and local government				
Index of agreed				
hourly wages	1985 = 100	36.7	82.2	115.8
monthly wages	1985 = 100	39.9	83.7	112.6

¹⁾ Incl. civil engineering. - ²⁾ Male senior journeymen only. - ³⁾ As from 1985 new weighting pattern; not comparable with previous periods.

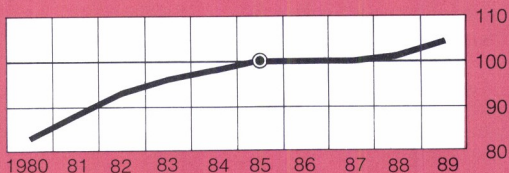
PRICES

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 are mostly computed with 1985 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	1970	1980	1989
Index of purchase prices for farm supplies ¹⁾	1985 = 100	52	87	96
Index of producers' prices ¹⁾				
Agricultural products	1985 = 100	67	97	100
Industrial products	1985 = 100	50	82	99
Investment goods	1985 = 100	50	83	110
Consumer goods	1985 = 100	48	84	100

	Unit	1970	1980	1989
Price index for basic materials ¹⁾	1980 = 100	57	100	108
Agriculture and forestry	1980 = 100	69	100	99
Production industries	1980 = 100	55	100	109
Price index				
for residential buildings ²⁾	1980 = 100	52	100	126
for road building	1980 = 100	57	100	109
Index of				
wholesale selling prices ¹⁾	1985 = 100	51	85	95
retail prices	1980 = 100	63	100	121

Consumer price index of all private households 1985 = 100



Statistisches Bundesamt 90 0577

	Unit	1970	1980	1989
Consumer price index				
All private households	1985 = 100	50	83	104
Incl. for:				
Food, bev. and tobacco	1985 = 100	56	86	103
Clothing, footwear	1985 = 100	50	85	106
Rent, energy	1985 = 100	43	79	101
Households of				
Officials and sal. employees ³⁾	1985 = 100	50	82	105
Wage earners and sal. employees ⁴⁾	1985 = 100	51	83	104
Recipients of pensions and welfare benefits ⁵⁾	1985 = 100	51	83	104
Minimum standard of living necessary for a child ⁶⁾	1985 = 100	50	84	105
Index of				
import prices	1985 = 100	42	80	84
export prices	1985 = 100	51	84	102

¹⁾ Excl. turnover (value added) tax. - ²⁾ Construction work performed at building. - ³⁾ 4-person households with higher income. - ⁴⁾ 4-person households with medium income. - ⁵⁾ 2-person households with low income. - ⁶⁾ Pattern of needs for the 1976 standard of living, raised to 1985 according to the price development.

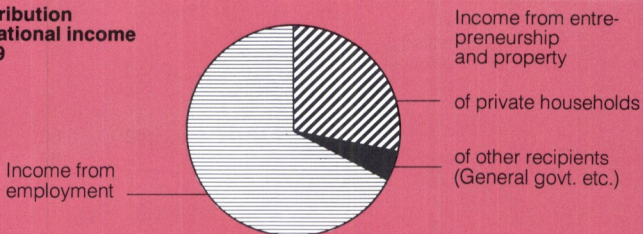
NATIONAL PRODUCT

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	1970	1980	1989
Gross domestic product	DM bn	675.3	1 478.9	2 237.0
Gross value added				
Agriculture and forestry	DM bn	21.8	30.4	35.7
Producing industries	DM bn	333.7	632.2	896.3
Commerce, transport and communications	DM bn	103.5	225.7	320.7
Services	DM bn	114.4	335.1	627.3
General govt., households, etc.	DM bn	72.6	199.6	285.1
National income	DM bn	530.4	1 148.6	1 751.1
per capita	DM	8 745	18 656	26 878 ¹⁾
Income from employment	DM bn	360.6	844.4	1 176.1
Total gross wages and salaries	DM bn	307.9	690.2	946.7
monthly per person employed	DM	1 153	2 407	3 192
Empl. contrib. to social security etc.	DM bn	52.7	154.3	229.4
Income from entrepreneurship and property	DM bn	169.8	304.2	575.0

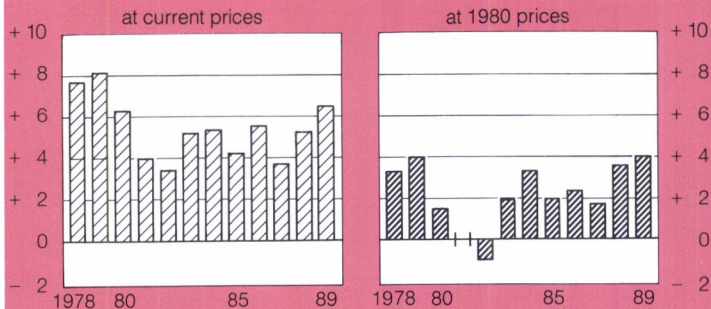
¹⁾ 1988.

Distribution of national income 1989



Gross National Product

Changes against previous year in %



Statistisches Bundesamt 90 0579

	Unit	1970	1980	1989
Gross national product				
at current prices	DM bn	675.7	1 485.2	2 260.4
Appropriation				
Private consumption expenditure	DM bn	368.9	840.8	1 213.4
Govt. consumption expenditure	DM bn	106.5	297.8	418.3
Fixed asset formation	DM bn	172.1	335.8	462.9
Equipment	DM bn	65.9	127.3	207.6
Construction	DM bn	106.2	208.5	255.3
Changes in stocks	DM bn	+ 14.2	+ 13.8	+ 25.1
Net exports of goods and serv.	DM bn	+ 14.1	- 3.0	+ 140.7
Exports of goods and services	DM bn	152.9	422.3	778.2
Imports of goods and services	DM bn	138.8	425.3	637.6
at 1980 prices	DM bn	1 134.0	1 485.2	1 769.2

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 (triennially). Data relating to public expenditure in this sphere are provided by finance statistics.

	Unit	1975	1979	1987
Production industries				
Investments for environmental protection				
Solid waste disposal	DM mn	178	160	613
Water protection	DM mn	911	773	1 324
Noise abatement	DM mn	210	201	269
Preservation of air quality	DM mn	1 214	965	5 541
Solid waste disposal ¹⁾				
Establishments	Number	71 168	73 454 ²⁾	64 847
Incl. with disposal installations	Number	7 783	6 794 ²⁾	7 722
Quantity of waste and residuals	mn t	115	207 ²⁾	206
Production of pesticides, herbicides and insecticides				
	1 000 t	231	226	235 ³⁾
Public budgets				
Expenditure for environm. protection				
Solid waste disposal	DM mn	1 937	2 748	4 921
Sewage and waste water disposal	DM mn	5 918	8 400	10 529
Preservation of air, water, soil quality	DM mn	445	844	1 757
Public waste disposal				
Installations for treatment and disposal of waste				
Dumping grounds	Number	4 616	3 033 ²⁾	3 220
Refuse incineration installations	Number	47	44 ²⁾	47
Decomposition installations etc.	Number	43	71 ²⁾	91
Reloading stations and collection points for industrial waste				
	Number	63	110 ²⁾	157
Quantity of waste matter delivered				
	mn t	59	83 ²⁾	100
Public sewage and waste w. disposal				
Drainage of sew. and waste water	mn m ³	6 452	7 508	8 941
Incl. biologically treated	mn m ³	3 883	6 102	8 603

¹⁾ Incl. solid waste disposal in hospitals. 1975 excl. quantities of waste delivered to processing establishments or the salvage trade. - ²⁾ 1980. - ³⁾ 1989.

FEDERATION AND

Specification	Unit	Federal Republic	Schleswig-Holstein	Hamburg
Area ¹⁾	1 000 km ²	248.6	15.7	0.8
Population ²⁾	1 000	61 715	2 565	1 603
Male	1 000	29 693	1 237	753
Female	1 000	32 022	1 328	850
Inhabitants per km ² 1)	Number	248	163	2 122
Marriages	1 000	398	17	9
Live births	1 000	682	27	15
Deaths	1 000	698	31	21
Economically active persons ³⁾	1 000	27 742	1 166	741
Agriculture, forestry, fisheries	1 000	1 039	52	6
Production industries	1 000	11 337	349	194
Commerce, trans. and communications	1 000	4 970	242	209
Other sectors of economy	1 000	10 397	523	333
Foreign labour employed ⁴⁾	1 000	1 689	26	53
Unemployed ⁵⁾	1 000	2 038	101	83
Agriculturally used area	1 000 ha	11 885	1 075	15
Agricultural holdings ⁶⁾	1 000	649	28	1
Mining and manufacturing				
Persons engaged ⁵⁾⁷⁾	1 000	7 213	169	134
Turnover ⁷⁾⁸⁾	DM bn	1 704	41	79
Building permits ⁹⁾	Number	276 042	8 754	3 307
Stock of dwellings ¹⁰⁾	1 000	26 280	1 128	791
Total number of passenger cars ¹¹⁾	1 000	29 755 ¹²⁾	1 218	661
Savings deposits	DM mn	715 236 ¹³⁾	20 080	17 118
Pupils/students ¹⁴⁾	1 000	10 579	415	290
Physicians in hospitals ¹⁵⁾	1 000	90	4	3
Hospital beds ¹⁵⁾	1 000	673	27	16
Cash tax revenue ¹⁶⁾	DM mn	535 525	14 393	42 217
Gross hourly earnings of operatives	DM	19.16	18.56	21.15
Gross monthly earnings of salaried employees in industry and trade	DM	4 190	3 764	4 454

¹⁾ 1988. - ²⁾ Figures of current calculation (position: 31 Dec. 1988) on the basis of the population census; end of June. - ³⁾ Annual average. - ⁴⁾ With 1 ha of agriculturally used area and over. - ⁵⁾ Dwellings in residential and non-residential buildings (incl. construction work at existing buildings and the Federal Postal Administration. - ¹³⁾ Incl. postal giro offices and postal savings banks offices general education and vocational training, public health schools as well as universities. -

LAENDER, 1989

Lower Saxony	Bremen	North Rhine-Westph.	Hesse	Rhineld.-Palatinate	Baden-Würtemb.	Bavaria	Saarland	Berlin (West)
47.4	0.4	34.1	21.1	19.8	35.8	70.6	2.6	0.5
7 185	662	16 874	5 569	3 653	9 433	11 049	1 054	2 068
3 472	314	8 100	2 690	1 761	4 568	5 323	506	970
3 713	348	8 774	2 879	1 892	4 865	5 727	548	1 099
152	1 638	495	264	184	264	157	410	4 306
47	4	110	35	24	59	71	7	13
77	7	187	59	40	112	127	11	21
84	8	190	63	43	94	121	12	30
3 112	276	6 973	2 561	1 629	4 447	5 416	428	995
182	/	129	67	74	143	374	/	8
1 176	89	3 030	978	674	2 100	2 268	179	301
562	74	1 277	501	271	665	898	81	190
1 192	111	2 537	1 015	609	1 540	1 877	164	497
90	15	437	195	57	395	306	19	96
294	41	688	143	102	182	266	46	92
2 722	10	1 583	769	721	1 494	3 426	70	1
100	0	83	48	49	109	225	3	0
653	77	1 980	640	376	1 482	1 401	136	166
176	25	470	140	97	309	285	30	51
29 620	1 183	59 448	20 916	18 235	60 578	65 475	2 878	5 648
2 961	325	7 229	2 363	1 516	3 855	4 589	438	1 084
3 442	275	7 914	2 851	1 848	4 752	5 489	534	718
67 448	7 151	170 313	66 295	40 358	116 545	139 278	10 551	19 214
1 238	122	3 021	921	585	1 643	1 805	168	370
9	1	23	8	4	14	16	2	5
68	8	177	68	41	99	124	12	32
41 306	7 711	159 047	53 351	23 725	81 842	84 757	6 335	20 843
19.27	20.80	19.42	19.46	19.04	19.46	18.07	19.81	19.18
3 948	4 198	4 212	4 251	4 201	4 364	4 073	4 100	4 208

census of 25 May 1987. - ³) Results of the microcensus of April 1989. - ⁴) Subject to social insurance. - ⁵) Local units with in general 20 and more persons engaged. - ⁶) Excl. turnover (value added) tax. - ⁷) Ings. - ¹⁰) 25 May 1987. - ¹¹) Position: 1 July. - ¹²) Incl. vehicles of the German Federal Railways as well as credit institutions with supraregional tasks and without branch network. - ¹⁴) At schools of ¹⁵) 1988. - ¹⁶) Federal, Laender and local taxes prior to tax apportionment.

GERMAN DEMOCRATIC REPUBLIC AND BERLIN (EAST)

The data presented have been compiled on the basis of the data provided by the Statistical Office of the GDR. 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.

Geographical data

Neighbouring states and length of borders	2 292 km
Federal Republic of Germany	1 378 km
Poland	460 km
Czechoslovakia	454 km

Elevation of settlements (in metres above sea level)	
Oberwiesenthal (highest)	920 m
Stralsund (lowest)	5 m

Mountains (over 1 000 m altitude above sea level)	
Fichtelberg (Ore Mountains)	1 214 m
Brocken (Harz)	1 142 m
Auersberg (Ore Mountains)	1 019 m

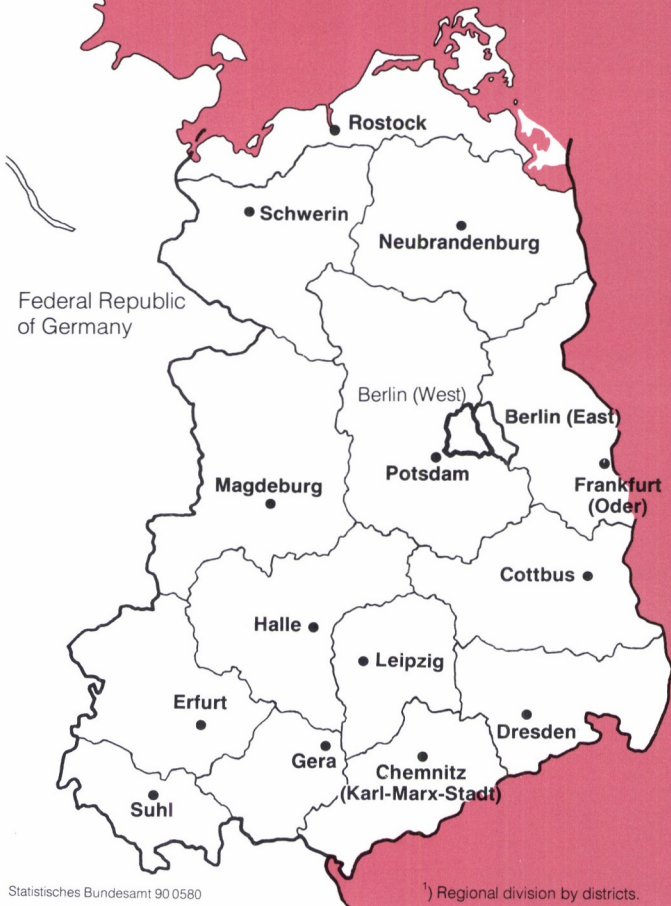
Rivers (of over 100 km of navigable length within the GDR)		
	Length	Of which navigable
Elbe ¹⁾	566 km	566 km
Saale	427 km	124 km
Havel	343 km	243 km
Spree	382 km	147 km
Oder ¹⁾	162 km	162 km

¹⁾ Within the GDR.

Lakes (with over 20 km ² of surface)	
Müritz	115.3 km ²
Schweriner See	65.5 km ²
Plauer See	38.7 km ²
Kummerower See	32.9 km ²
Kölpinsee	20.5 km ²

German Democratic Republic and Berlin (East)

Territory as on 30 June 1990¹⁾



Statistisches Bundesamt 90 0580

¹⁾ Regional division by districts.

Results of the Elections to the People's Chamber on 18 March 1990
Percent

Constituency	CDU	SPD	PDS ¹⁾	DSU ²⁾	Liberals ³⁾	Others
Berlin (East)	18.3	34.9	30.2	2.2	3.0	11.4
Chemnitz ⁴⁾	45.0	15.6	11.3	14.8	6.0	7.3
Cottbus	42.8	19.3	17.9	4.8	5.2	10.0
Dresden	45.0	9.7	14.8	13.8	5.6	11.1
Erfurt	56.3	18.7	9.9	2.5	4.5	8.1
Frankfurt (Oder) . .	27.8	31.9	22.1	3.5	4.2	10.5
Gera	48.9	16.5	12.5	8.2	5.1	8.7
Halle	45.1	20.8	13.8	2.8	10.0	7.4
Leipzig	39.6	21.5	14.5	10.1	5.4	8.9
Magdeburg	44.2	27.5	14.2	2.0	4.4	7.9
Neubrandenburg . .	36.0	21.2	25.8	2.1	3.0	11.9
Potsdam	31.2	34.4	16.6	2.9	4.9	10.0
Rostock	34.3	24.8	23.2	2.8	3.4	11.5
Schwerin	39.8	25.4	17.8	2.0	4.6	10.4
Suhl	50.6	16.1	12.6	8.9	4.2	7.6
Total	40.8	21.9	16.4	6.3	5.3	9.3
Memorandum item:						
Seats in People's						
Chamber ⁵⁾	163	88	66	25	21	37

¹⁾ Party of Democratic Socialism. - ²⁾ German Social Union. - ³⁾ Alliance of Free Democrats - The Liberals. - ⁴⁾ Formerly Karl-Marx-Stadt. - ⁵⁾ Total of seats: 400.

	Unit	1970	1980	1989
Area	km ²	108 173	108 333	108 333
Population	1 000	17 068	16 740	16 434
Male	1 000	7 865	7 857	7 873
Female	1 000	9 203	8 883	8 560
Age from . . . to under . . . years				
under 20	%	31.0 ¹⁾	27.8 ²⁾	25.5
20-25	%	5.7 ¹⁾	8.1 ²⁾	7.5
25-40	%	20.6 ¹⁾	19.8 ²⁾	23.7
40-65	%	27.2 ¹⁾	29.2 ²⁾	30.2
65 and over	%	15.6 ¹⁾	15.1 ²⁾	13.3
Inhabitants per km ²	Number	158	155	152
Live births	Number	236 929	245 132	198 922
Deaths	Number	240 821	238 254	205 711
Marriages	Number	130 723	134 195	130 989
Divorces	Number	27 407	44 794	50 063

¹⁾ Results of the population census of 1 January 1971. - ²⁾ Results of the population census of 31 December 1981.

	Unit	1970	1980	1989
Economically active persons				
(excl. apprentices)	1 000	7 769	8 225	8 547
Incl.: Agriculture and forestry	1 000	997	878	923
Mining, power production, manufacturing, building industry	1 000	3 797	3 970	4 013
Commerce, hotel and restaurant industry	1 000	858	850	877
Transport and communications	1 000	581	613	639
Agriculture, forestry, fisheries				
Holdings	Number	9 932	4 763	4 730
Agriculturally used area ¹⁾	1 000 ha	5 882	5 923	5 837
Forest land	1 000 ha	2 948	2 955	2 983
Harvested quantities				
Grain	1 000 t	6 456	9 626	10 814
Potatoes	1 000 t	13 054	9 215	9 167
Livestock population				
Cattle	1 000	5 190	5 723	5 724
Pigs	1 000	9 684	12 871	12 013
Timber-cutting	1 000 m ³	7 372	10 282	10 897 ²⁾
Catches of fisheries	1 000 t	320	244	245 ²⁾
Production industries				
Local units	Number	11 564	5 031	3 374
Wage earners and salaried employees (excl. apprentices)	1 000	2 818	3 153	3 219
Index of gross industrial production	1980 = 100	58	100	133
Production				
Electricity	GWh	67 650	98 808	118 977
Brown coal (extraction)	1 000 t	261 482	258 097	301 058
Cement	1 000 t	7 984	12 440	12 229
Pig iron and furnace ferro-alloys	1 000 t	1 994	2 458	2 732
Raw steel (incl. ingot steel)	1 000 t	5 053	7 308	7 829
Building activity and dwellings				
Dwellings completed	1 000	76	169	219 ²⁾
Dwelling stock	1 000	6 057 ³⁾	6 562	7 003
Transport				
Railway lines	km	14 658	14 248	14 035
Inland waterways	km	2 519	2 302	2 319
Roads (other than local)	km	45 729	47 475	47 201
Total number of passenger cars	1 000	1 160	2 678	3 899

¹⁾ Cultivated by state-owned and cooperative agricultural holdings. - ²⁾ 1988. - ³⁾ Position: 1 January 1971.

	Unit	1970	1980	1989
Road traffic accidents	Number	52 207	50 972	48 101
Persons killed	Number	2 139	1 718	1 624
Persons injured	Number	46 237	40 744	41 197
Tourism¹⁾				
Holiday trips of GDR citizens				
Domestic trips ²⁾	1 000	•	101	90
Trips abroad ³⁾	1 000	397	1 054	1 064
Incl.: Czechoslovakia	1 000	77	602	604
Soviet Union	1 000	114	216	182
Hungary	1 000	29	61	111
Foreign guests in the GDR ⁴⁾	1 000	303	560	663
Incl. from: Czechoslovakia	1 000	66	141	122
Soviet Union	1 000	33	76	117
Poland	1 000	47	51	51
Money and credit				
Money circulation ⁵⁾	Mark mn	7 407	12 250	17 022
Savings deposits	Mark mn	52 149	99 730	159 671
Education				
Schools	Number	8 180	7 120	6 113
Pupils	1 000	3 265	2 944	2 557
Institutions of higher education	Number	54	53	54
Students	1 000	143	130	131
Public health				
Hospitals	Number	626	549	539
Hospital beds	1 000	190	172	163
Physicians	Number	27 255	33 894	40 413
Inhabitants per physician	Number	626	494	400 ⁶⁾
Dentists	Number	7 349	9 709	12 011
Inhabitants per dentist	Number	2 321	1 724	1 289 ⁶⁾
Family budget surveys				
Equipment of priv. households ⁷⁾				
Passenger cars	Number	16	37	54
Television sets	Number	69	88	96
Incl. colour television sets	Number	•	17	57
Refrigerators	Number	56	99	99
Washing machines	Number	54	80	99

¹⁾ Only trips arranged by the GDR Travel Agency. - ²⁾ Trips within the GDR and to Berlin (East). - ³⁾ Travellers, as from 1975 excl. juveniles. - Incl. travellers to the Federal Republic of Germany. - ⁴⁾ As from 1975 excl. juveniles. - Incl. guests from the Federal Republic of Germany. - ⁵⁾ Position: December of each year. - ⁶⁾ 1988. - ⁷⁾ Per 100 households.

	Unit	1970	1980	1989
Wages and salaries				
Monthly income from employment ¹⁾	Mark	768	1 038	1 322
by economic sectors				
Agriculture, forestry	Mark	710	1 000	1 242
Industry and power production (excl. building industry)	Mark	770	1 039	1 324
Building industry	Mark	833	1 041	1 310
Commerce	Mark	668	905	1 168
Transport	Mark	806	1 127	1 436
Prices				
Wheat and rye bread	M/kg	0.52	0.52	0.52
Potatoes	M/5 kg	0.85	0.85	0.85
Apples	M/kg	1.96	1.75	2.02
Pork chop	M/kg	8.00	8.00	8.00
Butter	M/kg	7.60	9.60	9.60
Cheese	M/kg	7.20	7.20	7.20
Coffee	M/kg	70.00	70.00	70.00
Environmental protection				
Investments in:				
Solid waste disposal	Mark mn	668 ²⁾	651 ³⁾	188
Water protection	Mark mn	1 904 ²⁾	2 197 ³⁾	567
Noise abatement	Mark mn	112 ²⁾	47 ³⁾	17
Preservation of air quality	Mark mn	1 139 ²⁾	1 336 ³⁾	891
Total quantity of water ⁴⁾	mn m ³	1 773	1 868	1 908
Ground water	mn m ³	1 337	1 388	1 409
Surface water	mn m ³	411	453	466
Procurement from external local units	mn m ³	26	27	33
Water supply ⁴⁾⁵⁾				
Own catchment ⁶⁾	mn m ³	5 132	7 005	8 796
Incl. drinking water	mn m ³	4 934	6 851	8 568
Emissions of selected pollutants				
Sulphur dioxide	1 000 t	•	4 264	5 203
Nitrogen oxide	1 000 t	•	384	405
Carbon monoxide	1 000 t	•	2 948	2 679
Dust	1 000 t	•	2 456	2 063

¹⁾ Full-time wage earners and salaried employees in state-owned local units. - ²⁾ In the period 1976 to 1980. - ³⁾ In the period 1981 to 1985. - ⁴⁾ Drinking and industrial water. - ⁵⁾ With connection to central water supply plants. - ⁶⁾ Average capacity per day (drinking and industrial water).

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 pro- the preceding sections.

Country	Area ¹⁾	Population on 30 June	Inhab- itants per km ²	Excess of births(+) or deaths ¹⁾ (-)	Active popula- tion
	1 000 km ²	1 000	number	per 1000 inhabitants	1 000
Fed. Rep. of Germany	249	61 990	249	- 0.2	29 767
Belgium	31	9 925 ²⁾	325 ¹⁾	+ 1.2 ²⁾	4 212 ²⁾
Denmark	43	5 129 ²⁾	119 ¹⁾	± 0	2 898
France	552	56 160	102	+ 4.4	24 153 ¹⁾
Greece	132	10 013 ²⁾	76 ¹⁾	+ 1.5	4 063 ²⁾
Great Britain and Northern Ireland	244	57 075 ²⁾	234 ¹⁾	+ 2.4	28 072
Ireland	70	3 538 ²⁾	50 ¹⁾	+ 6.4	1 303 ²⁾
Italy	301	57 525	191	+ 0.6	24 258
Luxembourg	3	375 ²⁾	145 ¹⁾	+ 2.0	157 ¹⁾
Netherlands	41	14 835	363	+ 4.2	5 843 ¹⁾
Portugal	92	10 408 ²⁾	113 ¹⁾	+ 2.3	4 616 ¹⁾
Spain	505	39 053	77	+ 3.3 ²⁾	15 160
EC	2 263	•	•	•	•
Finland	338	4 951 ²⁾	15 ¹⁾	+ 2.9	2 583
Iceland	103	249 ²⁾	2 ¹⁾	+10.0 ²⁾	127 ²⁾
Norway	324	4 221	13	+ 3.0	2 155
Austria	84	7 618	91	+ 0.6	3 430 ¹⁾
Sweden	441	8 498	19	+ 1.8	4 527
Switzerland	41	6 509 ²⁾	159 ¹⁾	+ 3.0	3 535
Turkey	779	52 422 ²⁾	67 ¹⁾	•	13 472 ¹⁾
Canada	9 916	25 950 ²⁾	3 ¹⁾	+ 7.2 ²⁾	13 582
United States	9 373	246 329 ²⁾	26 ¹⁾	+ 7.1	125 557
Japan	378	123 098	326	+ 4.2	62 700
Australia	7 687	16 532 ²⁾	2 ¹⁾	+ 7.7	8 303
New Zealand	271	3 292 ²⁾	12 ¹⁾	+ 8.4 ²⁾	1 609 ²⁾
OECD	31 998	•	•	•	•

¹⁾ 1988. - ²⁾ 1987. - ³⁾ Incl. estate cars. - ⁴⁾ Incl. Luxembourg. - ⁵⁾ Included with "Belgium".

IN INTERNATIONAL COMPARISON, 1989

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 cedures restrict the comparability from one country to another and in relation to

Unemployment rate	Agriculturally used area ²⁾	Grain harvested	Meat production	Production of		
				electricity	raw steel ¹⁾	passenger cars ¹⁾³⁾
%	1 000 ha	1 000 t		bn kWh	1 000 t	1 000
5.5	11 956	26 114	5 262	440	41 023	4 312
8.5	1 406	2 353	1 344 ⁴⁾	67	11 222	345
6.7	2 817	8 950	1 511	23	650	—
9.5	31 354	56 436	5 298	406	19 106	3 228
7.8	5 741	4 899	539	34	959	—
6.7	18 592	22 550	3 260	312	19 065	1 227
17.0	5 660	2 083	700	14	271	—
11.0	17 404	17 014	3 867	211	23 762	1 881
1.8	127	122	• ⁵⁾	1	3 661	—
9.3	2 023	1 365	2 493	73	5 518	120
5.0	4 532	1 738	473	26	811	—
17.0	27 121	20 127	3 344	147	11 886	1 576
•	128 733	163 751	28 091	1 755	137 934	•
3.4	2 538	3 791	322 ¹⁾	51 ²⁾	2 798	•
0.7 ¹⁾	2 282	•	23 ¹⁾	4 ²⁾	•	—
4.9	956	1 285 ¹⁾	226 ¹⁾	110 ²⁾	910	—
5.3 ²⁾	3 498	4 926	778	49 ²⁾	4 560	•
1.4	3 518	5 507	509	149 ²⁾	4 779	407
0.7 ²⁾	2 021	1 159 ¹⁾	486	58 ²⁾	988	—
•	36 627	23 840	951	48 ²⁾	8 057	—
7.5	77 990	47 300	2 811	503 ²⁾	15 194	1 025
5.2	431 382	283 451	28 242	2 702 ²⁾	91 570	7 105
2.3	5 340	14 859	3 601	754 ²⁾	105 681	8 194
6.1	483 105	19 673	2 744	140 ²⁾	6 083	314
7.1	14 332	909 ¹⁾	1 200	28 ²⁾	409	—
•	1 192 322	•	•	6 351	•	•

THE FEDERAL REPUBLIC OF GERMANY IN INTERNATIONAL COMPARISON, 1989 (cont'd)

Country	Passenger cars, total ¹⁾	Foreign trade		Gross domestic product ²⁾³⁾ per capita
		imports	exports	
	per 1 000 inhab.	DM bn		DM
Fed. Rep. of Germany	428	506.6	641.3	34 400
Belgium	348 ⁴⁾	184.4 ⁵⁾	187.3 ⁵⁾	30 700
Denmark	322	50.1	52.8	32 900
France	402	358.3	324.9	33 100
Greece	130 ⁶⁾	23.1 ²⁾	10.2 ²⁾	16 500
Great Britain and Northern Ireland	333	371.7	286.6	32 600
Ireland	212	32.7	38.8	19 800
Italy	424 ⁴⁾	305.1	280.6	31 600
Luxembourg	453	. ⁷⁾	. ⁷⁾	37 800
Netherlands	403	195.9	202.6	31 200
Portugal	124 ⁴⁾	35.5	23.8	16 400
Spain	277	134.3	83.5	22 700
EC	.	.	.	30 400
Finland	362	46.2	43.8	33 500
Iceland	512	2.6	2.7	39 000
Norway	390	44.1	50.6	39 700
Austria	366	73.1	61.0	30 400
Sweden	412	91.9	96.9	35 900
Switzerland	417	109.5	96.9	40 600
Turkey	26 ⁴⁾	27.0 ⁴⁾	21.9 ⁴⁾	10 600
Canada	458 ⁴⁾	209.9	213.5	44 800
United States	561	917.3	684.5	47 500
Japan	250	396.4	517.3	34 700
Australia	497 ⁶⁾	58.3 ²⁾	57.3 ²⁾	32 600
New Zealand	490 ⁴⁾	16.5	16.7	26 800
OECD	.	.	.	35 500

¹⁾ 1988. - Excl. estate cars. - ²⁾ 1988. - ³⁾ At current prices and purchasing power parities (according to OECD data). - ⁴⁾ 1987. - ⁵⁾ Incl. Luxembourg. - ⁶⁾ 1985. - ⁷⁾ Included with "Belgium".

Published by:

Federal Statistical Office
Gustav-Stresemann-Ring 11
D-6200 Wiesbaden 1

Telephone 06 11/75-1
Telex 4 186 511 stb d
Telefax 06 11/75 34 25

Verlag Metzler-Poeschel
Delivery:
Messrs. Hermann Leins
Holzwiesenstr. 2
Postfach 7
D-7408 Kusterdingen

Telephone 0 70 71/3 30 46
Telex 7 262 891 mepo d
Telefax 0 70 71/3 36 53

Published in September 1990
Price: DM 3.80
Order Number: 6210010-90700
ISBN 3-8246-0053-6

Copyright: Statistisches Bundesamt,
Wiesbaden 1990

Except for commercial purposes,
the contents of this publication
may be reproduced subject to
acknowledgement of the source.

PUBLICATION SYSTEM OF THE FEDERAL STATISTICAL OFFICE

Summary Publications

General cross-section publications	Subject-matter related cross-section publications	Publications on organizational and methodological questions	Summary brochures
------------------------------------	---	---	-------------------

Subject-Matter Series

1	Population and Employment
2	Enterprises and Local Units
3	Agriculture, Forestry, Fisheries
4	Production Industries
5	Building Activity and Dwellings
6	Commerce, Hotel and Restaurant Industry, Tourism
7	Foreign Trade
8	Transport and Communications
9	Money and Credit
10	Justice
11	Education and Culture
12	Public Health
13	Social Security Schemes
14	Finance and Taxes
15	Family Budget Surveys
16	Wages and Salaries
17	Prices
18	National Accounts
19	Environmental Protection

Classifications

Classifications of enterprises and establishments	Commodity classifications	Classifications of persons	Regional classifications	Other classifications
---	---------------------------	----------------------------	--------------------------	-----------------------

Maps

Statistics of foreign countries

Foreign-language publications