

BASIC AND STRUCTURAL DATA

1988/89



Federal Ministry of
Education and Science

BASIC AND STRUCTURAL DATA

Federal Ministry
of
Education and
Science

1988/1989 Edition

Published by the:

Federal Ministry of Education and Science
Heinemannstraße 2
Referat I B 4 (Telefon 1)
5300 Bonn 2 (December 1988)

Soe distributors:

Verlag Karl-Heinrich Bock
Reichenberger Straße 11 e
5340 Bad Honnef 1
ISBN 3-87066-665-X
DM 4,-

Printing and graphic work:
Druckerei E. Klüsener GmbH & Co KG
5600 Wuppertal 1

General Statistics

0

Kindergartens

1

Schools

2

Vocational Education

3

Higher Education

4

Training Assistance

5

Continuing Education (Adult Education)

6

The Education Budget/Research Expenditure

7

Population, Economy and Finance

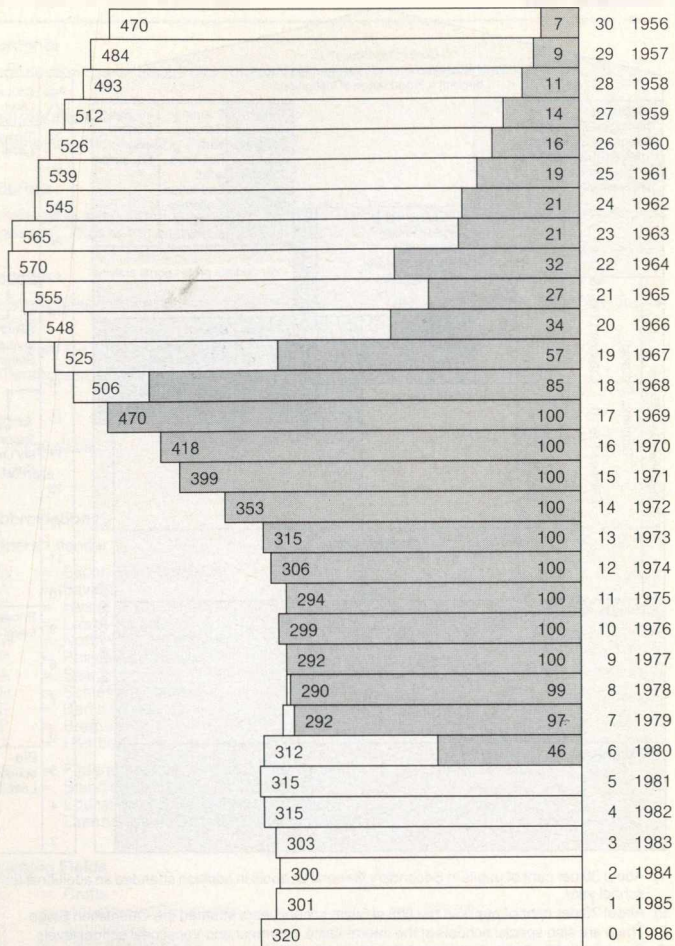
8

International Comparison

9

- 1) About 30 per cent of pupils in Secondary General Schools in addition attended an additional tenth school year
 - 2) About 73 per cent of pupils in the fifth and sixth school years attended the Orientation Stage
 - 3) There are also special schools at the intermediate, grammar and Vocational school levels
- Diagramm of the basic structure of the education system in the Federal Republic of Germany: There are slight differences within the individual Länder
- Figures in the right column show the earliest possible age of entry in an uninterrupted progress through the education system
- The size of the rectangle is not proportional to the numbers attending

Population and Percentage in Education (Male)



Male population (German and foreign) 1986 (thousands)

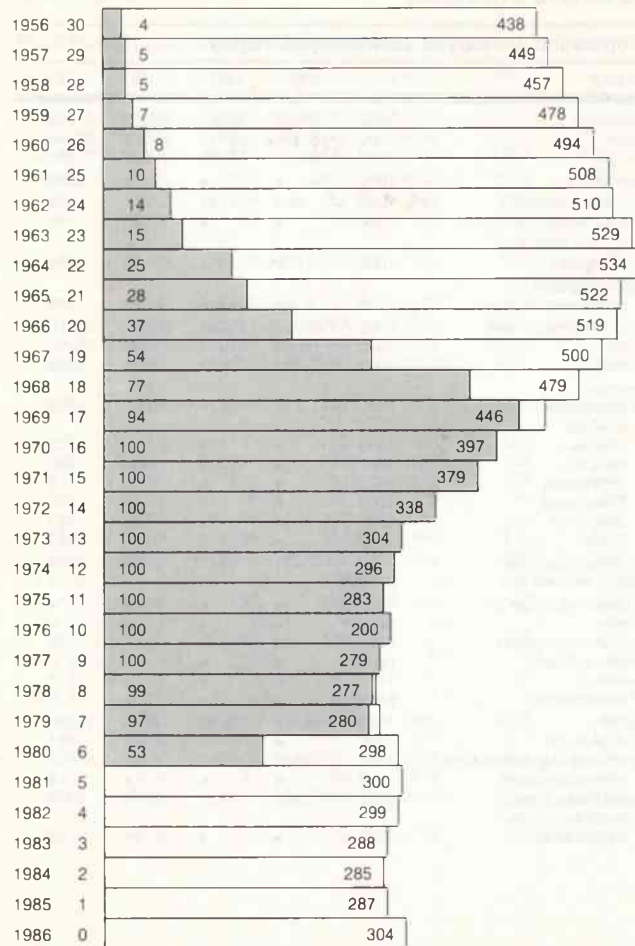
Percentage of Participation in education (*)

Age

Birth-year

*) Not including kindergartens or school kindergartens or continuing education but including

Population and Percentage in Education (Female)



Birth-year

Age

Percentage of Participation in education (*)

Female population (German and foreign) 1986 (thousands)

technical schools, schools for nurses, midwives etc. and evening schools

Total Population, Employed, Unemployed, Pupils

No.	Category	in	1960	1965	1970	1975
1	Population	1000	55958	59297	61001	61645
2	male	1000	26328	28171	29072	29382
3	female	1000	29630	31126	31929	32263
4	foreigners	1000	•	•	•	3900
5	live-born children	1000	969	1044	811	601
6	live-born foreign children	1000	•	•	63	96
7	surplus of births (+) or deaths (-)	1000	+326	+367	+76	-149
8	net immigration (+) or net emigration (-)	1000	+364	+344	+574	-199
9	Persons in Employment	1000	26247	26887	26668	25810
10	male	1000	16500	17084	17086	16202
11	female	1000	9747	9803	9582	9608
12	Foreigners in employment	1000	279	1119	1807	2061
	of which					
13	Greeks	1000	•	179	230	203
14	Italians	1000	•	329	364	293
15	Jugoslaves	1000	•	•	374	417
16	Portuguese	1000	•	11	40	70
17	Spaniards	1000	•	172	163	129
18	Turks	1000	•	119	323	551
19	Unemployed persons	1000	271	147	149	1074
20	unemployment rate	percent	1.3	0.7	0.7	4.7
21	adolescents under 20	1000	•	•	•	•
22	rate	percent	•	•	•	•
23	university graduates	1000	•	•	•	30
24	percentage ¹⁾	percent	•	•	•	2.8
25	teachers	1000	•	•	•	4
26	percentage ¹⁾	percent	•	•	•	0.4
27	Pupils ²⁾	1000	8578	9440	10981	12330
28	foreign pupils	1000	•	54	186	451
29	at schools of general education	1000	6648	7313	8968	10157
30	school beginners	1000	•	•	•	•
31	vocational schools	1000	1929	2127	2013	2174
32	schools for nurses, midwives etc.	1000	•	•	61	89

¹⁾ Percentage of total number of unemployed persons.²⁾ Not including pupils being trained as nurses, midwives etc.

Total Population, Employed, Unemployed, Pupils

	1980	1982	1983	1984	1985	1986	1987	No.
	61658	61546	61307	61049	61020	61140	61170	1
	29481	29428	29306	29179	29190	29285	29314	2
	32177	32118	32001	31870	31830	31855	31856	3
	4566	4672	4574	4405	4482	4662	4630	4
	621	621	594	584	586	626	642	5
	81	73	62	55	54	59	67	6
	-94	-95	-124	-112	-118	-76	-45	7
	+912	-75	-117	-151	+83	+188	+188	8
	26328	25709	25331	25357	25542	25796	25987	9
	16499	15986	15736	15696	15785	15915	15931	10
	9829	9723	9595	9661	9757	9881	10056	11
	2018	1787	1694	1609	1568	1592	1589	12
	132	116	109	103	103	102	101	13
	305	256	234	214	197	193	182	14
	354	315	302	293	290	295	292	15
	59	51	46	40	35	35	36	16
	86	76	72	69	67	66	64	17
	578	559	538	507	496	513	518	18
	889	1833	2258	2266	2304	2228	2229	19
	3.8	7.5	9.1	9.1	9.3	9.0	8.9	20
	73	165	192	166	159	145	128	21
	3.2	7.7	9.1	7.9	8.1	7.4	6.6	22
	42	83	105	115	118	114	126	23
	4.7	4.5	4.7	5.1	5.1	5.1	5.6	24
	9	19	26	30	30	29	32	25
	1.0	1.1	1.2	1.3	1.3	1.3	1.4	26
	11763	11073	10661	10250	9882	9555	9288	27
	747	855	840	791	789	811	848	28
	9186	8472	8044	7592	7214	6955	6778	29
	636	610	601	592	578	607	628	30
	2576	2601	2617	2658	2669	2601	2510	31
	97	104	106	109	112	111	109	32

General Statistics

Apprentices, Students, School-leavers, Completed Apprenticeships, Graduates, Staff

No	Category	in	1960	1965	1970	1975
33	Apprentices	1000	1265.9	1331.9	1268.7	1328.9
34	of which					
35	foreigners	1000	•	•	•	•
36	new training contracts	1000	•	•	•	•
37	Students at higher education	1000	291.1	384.4	510.5	840.8
38	institutions of which					
39	foreign students	1000	21.8	26.6	28.4	48.7
40	first-year students	1000	79.4	85.7	125.7	166.6
41	of which foreigners	1000	5.2	5.4	5.9	10.7
42	School-leavers	1000	•	•	780.7	954.6
43	from secondary general schools	1000	468.6	563.2	489.1	461.6
44	with secondary general school					
45	certificate	1000	•	422.8	348.8	347.1
46	without secondary general					
47	school certificate	1000	•	134.6	140.3	114.6
48	with intermediate school					
49	certificate	1000	•	•	200.1	318.0
50	with university entrance					
51	qualification	1000	56.7	50.5	91.5	175.0
52	Apprentices who passed					
53	qualifying examinations	1000	•	•	•	460.7
54	Students who passed					
55	qualifying examinations	1000	42.6	59.9	77.1	107.4
56	Full-time staff employed in the					
57	public sector	1000	1802.9	2067.8	2272.9	2612.3
58	at Federal level	1000	211.4	286.8	305.1	322.0
59	at Laender level	1000	949.6	1070.2	1209.9	1440.2
60	at Local Government level	1000	641.9	710.8	757.9	850.1
61	Teachers at schools	1000	263.5	301.9	389.2	495.1
62	offering general education	1000	224.1	257.7	338.7	431.0
63	pupils per teacher	number	30.7	28.3	26.7	23.3
64	at vocational schools	1000	39.4	44.2	50.5	64.1
65	pupils per teacher	number	42.6	47.4	39.6	33.8
66	Teachers at higher education					
67	institutions	1000	•	•	•	76.2
68	at universities	1000	•	•	•	68.0
69	students per teacher	number	•	•	•	10.0
70	at Fachhochschulen	1000	•	•	•	8.1
71	students per teacher	number	•	•	•	18.0
72	Other higher education staff	1000	•	•	•	140.1

General Statistics

Apprentices, Students, School-leavers, Completed Apprenticeships, Graduates, Staff

	1980	1982	1983	1984	1985	1986	1987	No.
	1715.5	1676.2	1722.4	1800.1	1831.3	1805.2	1738.7	33
	•	41.2	45.2	49.2	51.4	57.3	63.6	34
	670.9	651.1	701.2	723.5	709.2	696.4	659.1	35
	1044.2	1203.1	1273.2	1314.2	1338.0	1367.7	1410.8	36
	57.9	66.2	69.6	72.0	74.3	77.2	81.0	37
	195.0	225.1	233.0	221.3	207.7	210.8	229.7	38
	11.8	13.2	13.3	14.3	14.8	14.1	16.3	39
	1144.7	1182.1	1198.3	1168.3	1110.2	1035.6	975.7	40
	500.8	459.5	449.8	427.1	391.6	350.4	323.6	41
	391.4	362.9	359.0	344.2	319.9	285.2	264.5	42
	109.4	96.6	90.8	82.9	71.7	65.2	59.0	43
	422.2	436.3	443.2	438.7	419.7	393.8	361.5	44
	221.7	286.3	305.3	305.0	298.9	291.4	290.6	45
	567.3	620.4	616.4	604.8	632.5	675.0	680.1	46
	112.5	119.1	125.1	128.2	132.6	135.2	•	47
	2804.5	2839.5	2832.4	2828.4	2837.0	2843.6	2853.0	48
	316.2	317.0	315.6	313.7	312.8	311.8	313.1	49
	1567.9	1589.5	1586.5	1577.8	1571.7	1559.6	1548.4	50
	920.4	933.0	930.3	937.0	952.4	972.2	991.5	51
	557.3	560.2	554.9	550.2	546.6	541.6	536.4	52
	478.1	474.3	467.6	461.7	457.1	452.0	446.7	53
	18.5	17.7	17.0	16.3	15.7	15.3	15.0	54
	79.2	85.9	87.3	88.5	89.5	89.6	89.7	55
	32.0	30.1	29.8	29.9	29.6	28.9	27.9	56
	85.2	89.6	•	91.4	92.9	96.1	•	57
	76.0	79.5	•	81.2	82.6	85.6	•	58
	11.0	12.0	•	13.0	13.0	12.6	•	59
	9.2	10.1	•	10.2	10.3	10.4	•	60
	22.0	25.0	•	29.0	29.0	31.6	•	61
	160.6	176.3	•	183.0	186.2	192.6	•	62

Expenditure, Tax Revenue, Debt, National Product

No.	Variable	in	1960	1965	1970	1975
63	Total public expenditure	billion DM	98.51	148.07	196.28	360.51
64	DM per inhabitant	1000	1.8	2.5	3.2	5.8
65	Federal Government	billion DM	49.33	72.80	87.87	158.80
66	Laender	billion DM	27.47	55.16	77.47	146.28
67	Local Government	billion DM	21.70	43.01	56.71	101.23
68	Expenditure on staff	billion DM	20.82	34.46	61.42	118.11
69	Federal Government	billion DM	3.80	6.93	14.55	24.45
70	Laender	billion DM	10.45	18.27	31.65	62.30
71	Local Government	billion DM	6.56	9.24	15.22	30.36
72	Education budget	million DM	•	15676	27759	56835
73	DM per inhabitant	DM	•	264	455	922
74	for schools	million DM	•	10209	17066	32779
75	Laender	million DM	•	•	11423	23368
76	Local Government	million DM	•	•	5618	9303
77	for higher education	million DM	•	3541	6873	13585
78	Federal Government	million DM	•	•	985	1339
79	Laender	million DM	•	•	5873	12247
80	Expenditure on staff	million DM	•	•	13726	29806
81	at schools	million DM	•	•	10015	20679
82	at higher education institutions	million DM	•	•	3208	7958
83	Tax revenue in cash terms	million DM	68650	104460	152555	240827
84	DM per inhabitant	DM	1227	1762	2501	3907
85	Federal Government	million DM	36595	59030	83597	120012
86	Laender	million DM	21471	32366	50482	81560
87	Local Government	million DM	8562	13064	18240	33591
88	Long-term debt	million DM	72182	109230	147629	282565
89	DM per inhabitant	DM	1290	1842	2420	4584
90	Federal Government	million DM	25634	34375	45407	107094
91	Laender	million DM	29934	38248	48474	88125
92	Local Government	million DM	12656	29640	45590	74827
93	Gross national product	million DM	302800	462020	675300	1026510
94	DM per inhabitant	DM	5411	7792	11070	16652

Expenditure, Tax Revenue, Debt, National Product

1980	1982	1983	1984	1985	1986	1987	No.
509.24	561.61	570.08	583.58	604.40	627.83	649.78	63
8.3	9.1	9.3	9.6	9.9	10.3	10.6	64
215.72	244.65	246.75	251.78	257.11	261.53	269.05	65
208.61	224.21	228.29	234.29	243.33	253.74	263.05	66
145.47	153.06	151.66	154.70	162.94	171.55	178.06	67
162.47	177.24	182.14	184.94	191.81	200.53	209.13	68
32.14	34.40	35.14	35.46	36.67	37.94	39.28	69
87.44	95.83	98.78	100.22	103.77	108.09	112.33	70
42.89	47.01	48.23	49.27	51.37	54.50	57.52	71
77127	81832	82605	83151	85264	88722	91893	72
1251	1330	1347	1362	1397	1451	1502	73
43780	45845	45695	45835	46807	48145	49156	74
32857	35212	36068	36124	37079	37949	38815	75
10884	10595	9598	9692	9711	10183	10350	76
17750	19296	20278	21292	21415	23073	24715	77
868	942	1270	1237	1071	1195	1080	78
16882	18354	19008	20055	20345	21877	23635	79
43356	47695	49144	49582	51253	53435	55117	80
30252	32917	33741	33898	34797	36021	36940	81
11172	12563	13114	13515	14103	14871	15513	82
364916	378700	396573	414695	437199	452436	468660	83
5918	6153	6469	6793	7165	7400	7662	84
177542	184572	191865	198864	207930	210584	218838	85
125474	130392	137020	143872	152516	160099	166488	86
51299	51041	53797	57102	61453	63832	64849	87
493182	640297	699824	745905	791926	831363	882399	88
7999	10404	11415	12218	12978	13598	14425	89
230000	308486	341645	365539	392361	413380	446190	90
159572	212378	235780	256016	274190	290799	311898	91
92685	105450	108083	109355	110518	112767	124313	92
1478940	1597920	1674840	1755840	1831850	1936950	2012620	93
23986	25963	27318	28761	30021	31681	32902	94

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age

Sex	Year	Population Pupils and Students						
		Total ¹⁾	of which					
			Primary Schools and Secondary General Schools	Com- prehen- sive Schools	Special Schools	Inter- mediate Schools ²⁾		
		Thousands	Percentage of the Population of the Same Age					
10 to under 11 years								
Total	1960	786	781	99.4	90.6	—	2.6	2.0
	1970	948	949	100.1 ¹⁾	72.9	—	4.8	7.9
	1980	809	808	99.9	75.2	1.1	3.8	6.7
	1985	574	569	99.1	75.7	1.6	3.7	6.1
	1986	587	574	97.8	74.1	2.6	3.6	5.9
Male	1985	293	292	99.5	76.9	1.6	4.5	5.3
	1986	299	294	98.2	75.3	2.5	4.4	5.2
Female	1985	281	277	98.7	74.4	1.6	2.8	6.8
	1986	288	281	97.5	73.0	2.6	2.8	6.6
11 to under 12 years								
Total	1960	792	790	99.8	76.6	—	2.9	7.2
	1970	925	932	100.8	59.6	—	5.8	13.8
	1980	912	912	100.0	56.0	2.3	4.3	13.6
	1985	599	588	98.1	53.6	3.3	4.1	13.4
	1986	578	572	98.9	52.3	4.9	4.1	13.5
Male	1985	304	299	98.4	54.7	3.4	5.0	12.5
	1986	295	291	98.8	53.2	5.0	5.0	12.5
Female	1985	295	288	97.8	52.4	3.1	3.3	14.5
	1986	283	280	98.9	51.3	4.8	3.2	14.6
12 to under 13 years								
Total	1960	754	747	99.1	72.0	—	3.1	9.5
	1970	883	884	100.1	57.1	—	5.5	16.5
	1980	979	979	100.0	45.4	3.0	4.6	20.6
	1985	617	616	100.0	45.2	4.0	4.6	20.1
	1986	602	597	99.1	43.7	4.7	4.4	19.8
Male	1985	314	317	101.0	48.2	4.1	5.4	18.2
	1986	306	307	100.4	46.7	4.9	5.3	18.0
Female	1985	303	300	98.9	42.1	3.8	3.7	22.0
	1986	296	289	97.8	40.7	4.5	3.5	21.6
13 to under 14 years								
Total	1960	708	707	99.8	70.1	—	3.0	11.3
	1970	867	877	101.2	55.3	—	5.2	19.0
	1980	1015	1015	100.0	39.2	3.8	4.9	25.4
	1985	688	683	99.3	36.6	4.8	4.7	25.9
	1986	620	620	100.1	36.0	5.1	4.9	26.1
Male	1985	351	349	99.5	39.6	4.9	5.7	23.4
	1986	315	317	100.6	38.9	5.3	5.8	23.8
Female	1985	337	334	99.1	33.5	4.7	3.7	28.5
	1986	304	302	99.5	33.1	4.8	3.9	28.5

¹⁾ Population figures reporting to end of the year, pupil figures to October; hence in some cases more than 100 per cent ²⁾ Including evening intermediate schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age (cont.)

Pupils and Students						Year	Sex
of which							
Grammar Schools ³⁾	Part-time Vocational Schools ⁴⁾	Full-time Vocational Schools	Fach-ober schulen	Trade and Technical Schools	Higher Education		
Percentage of the Population of the Same Age							
10 to under 11 years							
4.2	—	—	—	—	—	1960	Total
14.5	—	—	—	—	—	1970	
13.1	—	—	—	—	—	1980	
12.1	—	—	—	—	—	1985	
11.6	—	—	—	—	—	1986	
11.2	—	—	—	—	—	1985	Male
10.8	—	—	—	—	—	1986	
13.1	—	—	—	—	—	1985	Female
12.5	—	—	—	—	—	1986	
11 to under 12 years							
13.1	—	—	—	—	—	1960	Total
21.6	—	—	—	—	—	1970	
23.8	—	—	—	—	—	1980	
23.7	—	—	—	—	—	1985	
24.1	—	—	—	—	—	1986	
22.8	—	—	—	—	—	1985	Male
23.1	—	—	—	—	—	1986	
24.6	—	—	—	—	—	1985	Female
25.0	—	—	—	—	—	1986	
12 to under 13 years							
14.5	—	—	—	—	—	1960	Total
21.0	—	—	—	—	—	1970	
26.4	—	—	—	—	—	1980	
26.1	—	—	—	—	—	1985	
26.5	—	—	—	—	—	1986	
25.0	—	—	—	—	—	1985	Male
25.5	—	—	—	—	—	1986	
27.3	—	—	—	—	—	1985	Female
27.5	—	—	—	—	—	1986	
13 to under 14 years							
15.0	—	0.4	—	—	—	1960	Total
21.0	—	0.7	—	—	—	1970	
26.7	—	—	—	—	—	1980	
27.3	—	—	—	—	—	1985	
28.0	—	—	—	—	—	1986	
26.0	—	—	—	—	—	1985	Male
26.8	—	—	—	—	—	1986	
28.7	—	—	—	—	—	1985	Female
29.2	—	—	—	—	—	1986	

³⁾ Including Evening Grammar Schools and secondary education colleges

⁴⁾ Including basic vocational training year and vocational extension schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age

Sex	Year	Population Pupils and Students						
		Total ¹⁾	of which					
				Primary Schools and Secondary General Schools	Com- prehen- sive Schools	Special Schools	Inter- mediate Schools ²⁾	
		Thousands	Percentage of the Population of the Same Age					
		14 to under 15 years						
Total	1960	657	656	99.8	44.6	—	2.3	11.1
	1970	837	845	101.0	48.8	—	4.7	18.9
	1980	1050	1044	99.5	40.6	3.8	5.2	25.2
	1985	774	756	97.7	36.7	4.6	4.7	26.2
	1986	691	681	98.5	36.6	4.7	4.8	26.4
Male	1985	396	386	97.5	39.5	4.7	5.7	23.4
	1986	353	348	98.5	39.4	4.9	5.9	23.8
Female	1985	378	370	97.7	33.8	4.4	3.7	29.0
	1986	338	333	98.5	33.7	4.5	3.8	29.1
		15 to under 16 years						
Total	1960	563	546	97.0	7.5	—	0.8	10.3
	1970	807	785	97.3	14.7	—	2.0	16.0
	1980	1058	1038	98.1	25.2	3.3	4.4	24.0
	1985	811	830	102.4	28.6	4.3	4.5	27.1
	1986	779	777	99.7	27.8	4.3	4.4	26.5
Male	1985	415	427	102.8	31.6	4.5	5.3	24.2
	1986	399	397	99.6	30.7	4.5	5.2	23.7
Female	1985	395	403	102.0	25.4	4.2	3.6	30.1
	1986	379	379	100.1	24.8	4.2	3.5	29.5
		16 to under 17 years						
Total	1960	764	711	93.0	0.5	—	0.1	7.1
	1970	815	771	94.6	1.5	—	0.4	7.6
	1980	1083	1045	96.5	7.7	1.8	2.0	13.8
	1985	913	908	99.4	11.2	2.5	2.6	16.8
	1986	815	832	102.1	11.8	2.8	2.8	17.3
Male	1985	469	470	100.3	12.4	2.6	3.0	16.1
	1986	418	429	102.6	12.9	2.9	3.3	16.6
Female	1985	444	438	98.5	10.0	2.4	2.1	17.5
	1986	397	405	101.9	10.6	2.7	2.2	18.2
		17 to under 18 years						
Total	1960	789	515	65.3	•	—	•	2.4
	1970	790	661	83.7	•	—	•	1.8
	1980	1072	957	89.3	•	0.8	•	3.8
	1985	980	943	96.2	2.5	1.0	2.5	4.9
	1986	916	889	97.1	2.6	1.2	2.7	4.8
Male	1985	504	499	99.0	2.6	1.1	2.8	5.2
	1986	470	471	100.3	2.7	1.3	3.0	5.1
Female	1985	476	444	93.2	2.3	1.0	2.1	4.6
	1986	446	418	93.7	2.5	1.2	2.3	4.5

¹⁾ Population figures reporting to end of the year, pupil figures to October; hence in some cases more than 100 per cent ²⁾ Including evening intermediate Schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age (cont.)

Pupils and Students						Year	Sex
of which							
Grammar Schools ³⁾	Part-time Vocational Schools ⁴⁾	Full-time Vocational Schools	Fach-oberschulen	Trade and Technical Schools	Higher Education		
						14 to under 15 years	
14.0	24.7	3.1	—	—	—	1960	Total
20.1	5.1	3.4	—	—	—	1970	
24.4	0.1	0.2	—	—	—	1980	
25.5	—	0.1	—	—	—	1985	
25.8	—	0.2	—	—	—	1986	
24.1	—	0.1	—	—	0.0	1985	Male
24.4	—	0.1	—	—	0.0	1986	
26.9	—	0.1	—	—	—	1985	Female
27.2	—	0.2	—	—	—	1986	
						15 to under 16 years	
13.9	58.7	5.8	—	—	—	1960	Total
17.7	38.5	8.1	0.3	—	—	1970	
22.7	13.5	5.0	0.0	—	0.0	1980	
25.7	8.7	3.5	—	—	0.0	1985	
25.0	8.2	3.5	—	0.0	0.0	1986	
24.4	10.5	2.4	—	—	0.0	1985	Male
23.7	9.6	2.2	—	0.0	0.0	1986	
27.2	6.8	4.7	—	—	0.0	1985	Female
26.5	6.7	4.9	—	0.0	0.0	1986	
						16 to under 17 years	
13.0	67.8	4.5	—	—	—	1960	Total
16.4	60.6	7.1	1.0	—	—	1970	
21.9	37.7	10.4	1.2	—	0.0	1980	
24.0	30.5	10.7	1.1	—	0.0	1985	
24.5	30.7	11.0	1.2	0.0	0.0	1986	
22.9	35.5	6.7	1.1	—	0.0	1985	Male
23.4	35.4	6.9	1.2	0.0	0.0	1986	
25.1	25.2	15.0	1.2	—	0.0	1985	Female
25.8	25.7	15.4	1.3	0.0	0.0	1986	
						17 to under 18 years	
11.1	47.6	2.9	—	1.3	—	1960	Total
13.9	60.6	3.6	1.7	2.1	—	1970	
21.2	51.8	8.2	2.5	1.0	0.0	1980	
22.5	48.5	11.1	2.6	0.5	0.0	1985	
22.4	49.1	11.3	2.7	0.3	—	1986	
21.7	55.8	7.1	2.7	—	0.0	1985	Male
21.7	56.1	7.6	2.8	0.0	0.0	1986	
23.4	41.1	15.2	2.5	1.0	0.0	1985	Female
23.2	41.6	15.3	2.5	0.6	0.0	1986	

³⁾ Including Evening Grammar Schools and secondary education Colleges

⁴⁾ Including basic vocational training year and vocational extension schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age

Sex	Year	Population Pupils and Students					
		Total)	of which				
			Primary Schools and Secondary General Schools	Com- prehen- sive Schools	Special Schools	Inter- mediate Schools	
		Thousands	Percentage of the Population of the Same Age				
18 to under 19 years							
Total	1960	778	249	32.0	—	—	0.4
	1970	807	387	47.9	—	—	0.4
	1980	1035	729	70.4	—	0.5	0.5
	1985	1019	824	80.9	—	0.7	0.8
	1986	985	797	80.9	—	0.8	0.7
Male	1985	523	447	85.5	—	0.7	0.9
	1986	506	430	84.9	—	0.8	0.9
Female	1985	496	377	76.1	—	0.7	0.6
	1986	479	367	76.7	—	0.8	0.6
19 to under 20 years							
Total	1960	958	171	17.9	—	—	0.1
	1970	803	200	20.7	—	—	0.2
	1980	1028	465	45.2	—	0.2	0.2
	1985	1059	577	54.5	—	0.3	0.2
	1986	1024	570	55.7	—	0.4	0.2
Male	1985	544	303	55.7	—	0.3	0.2
	1986	525	298	56.7	—	0.4	0.2
Female	1985	515	274	53.3	—	0.3	0.2
	1986	500	268	53.6	—	0.3	0.2
20 to under 21 years							
Total	1960	1046	111	10.6	—	—	0.0
	1970	826	136	16.5	—	—	0.1
	1980	1004	277	27.6	—	—	0.1
	1985	1069	374	35.0	—	0.2	0.1
	1986	1067	383	35.9	—	0.2	0.1
Male	1985	551	182	33.1	—	0.2	0.1
	1986	548	187	34.2	—	0.2	0.1
Female	1985	518	192	37.0	—	0.1	0.1
	1986	519	194	37.4	—	0.1	0.1
21 to under 22 years							
Total	1960	1044	73	7.0	—	—	—
	1970	836	97	11.6	—	—	—
	1980	977	210	21.5	—	—	0.1
	1985	1096	279	25.4	—	—	0.1
	1986	1077	291	27.0	—	—	0.1
Male	1985	565	140	24.8	—	—	0.1
	1986	555	147	26.6	—	—	0.1
Female	1985	530	139	26.1	—	—	0.1
	1986	522	145	27.7	—	—	0.1

1) Including evening intermediate schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age (cont.)

Pupils and Students						Year	Sex
of which							
Grammar Schools ²⁾	Part-time Vocational Schools ³⁾	Full-time Vocational Schools	Fach-ober schulen	Trade and Technical Schools	Higher Education		
18 to under 19 years							
8.4	19.2	1.5	—	2.4	0.1	1960	Total
10.9	29.2	1.3	1.6	3.4	1.1	1970	
18.1	41.9	4.1	2.6	2.4	0.3	1980	
21.0	47.3	6.4	2.9	1.6	0.2	1985	
20.9	47.4	6.4	3.1	1.3	0.3	1986	
20.5	55.0	4.5	3.3	0.4	0.2	1985	Male
20.4	54.2	4.7	3.4	0.3	0.2	1986	
21.5	39.4	8.3	2.6	2.9	0.2	1985	Female
21.5	40.3	8.1	2.7	2.5	0.2	1986	
19 to under 20 years							
5.3	7.8	0.7	—	2.6	1.4	1960	Total
5.0	10.2	0.6	1.1	3.6	4.2	1970	
9.0	24.2	2.3	2.3	3.4	3.8	1980	
9.7	31.9	3.5	2.4	3.1	3.5	1985	
10.0	32.7	3.5	2.6	2.6	3.7	1986	
10.2	36.0	2.4	3.1	0.8	2.5	1985	Male
10.6	36.6	2.8	2.8	0.7	2.6	1986	
9.1	27.3	4.6	1.7	5.5	4.5	1985	Female
9.3	28.6	4.3	1.8	4.4	4.7	1986	
20 to under 21 years							
2.0	2.9	0.3	—	2.0	3.4	1960	Total
2.4	3.8	0.3	0.7	2.3	6.9	1970	
2.5	10.3	1.4	1.7	2.3	8.7	1980	
2.4	17.4	2.1	1.7	2.5	7.8	1985	
2.3	17.9	2.2	1.7	3.4	8.1	1986	
3.0	18.0	1.4	2.4	1.1	7.0	1985	Male
2.9	18.6	1.6	2.5	1.1	7.2	1986	
1.9	16.5	3.0	0.9	5.9	8.6	1985	Female
1.8	17.3	2.7	0.9	5.7	8.8	1986	
21 to under 22 years							
—	1.1	0.2	—	1.5	4.2	1960	Total
—	1.4	0.1	0.4	1.3	8.4	1970	
0.3	5.9	0.6	1.1	1.8	11.7	1980	
0.8	8.6	1.2	1.1	2.3	11.4	1985	
0.7	9.1	1.2	1.1	2.6	12.2	1986	
0.9	8.3	0.8	1.6	0.9	12.3	1985	Male
0.8	8.8	0.9	1.7	1.0	13.2	1986	
0.5	9.0	1.6	0.5	4.0	10.5	1985	Female
0.5	9.5	1.5	0.5	4.5	11.1	1986	

2) Including Evening Grammar Schools and secondary education colleges

3) Including basic vocational training year and vocational extension schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age

Sex	Year	Population Pupils and Students						
		Thousands	Total	of which				
				Primary Schools and Secondary General Schools	Com- prehen- sive Schools	Special Schools	Inter- mediate Schools ¹⁾	
		Thousands	Percentage of the Population of the Same Age					
		22 to under 23 years						
Total	1960	982	58	5.9	—	—	—	•
	1970	800	81	10.1	—	—	—	•
	1980	941	174	18.5	—	—	—	0.1
	1985	1085	301	27.7	—	—	—	0.1
	1986	1104	320	29.0	—	—	—	0.1
Male	1985	559	176	31.5	—	—	—	0.1
	1986	570	182	32.0	—	—	—	0.1
Female	1985	526	125	23.7	—	—	—	0.1
	1986	534	136	25.4	—	—	—	0.1
		23 to under 24 years						
Total	1960	920	38	4.1	—	—	—	•
	1970	764	57	7.5	—	—	—	•
	1980	927	144	15.5	—	—	—	0.1
	1985	1047	186	17.8	—	—	—	0.1
	1986	1094	194	17.7	—	—	—	0.1
Male	1985	539	112	20.8	—	—	—	0.1
	1986	565	116	20.6	—	—	—	0.1
Female	1985	507	74	14.5	—	—	—	0.0
	1986	529	77	14.6	—	—	—	0.0
		24 to under 25 years						
Total	1960	906	30	3.3	—	—	—	•
	1970	714	45	6.3	—	—	—	•
	1980	906	128	14.1	—	—	—	0.1
	1985	1039	174	16.8	—	—	—	0.1
	1986	1055	187	17.7	—	—	—	0.1
Male	1985	534	110	20.6	—	—	—	0.1
	1986	545	116	21.3	—	—	—	0.1
Female	1985	505	64	12.8	—	—	—	0.0
	1986	510	68	13.5	—	—	—	0.0
		25 to under 26 years						
Total	1960	880	21	2.4	—	—	—	•
	1970	618	33	5.3	—	—	—	•
	1980	875	104	11.9	—	—	—	—
	1985	1013	148	14.6	—	—	—	0.1
	1986	1046	155	14.8	—	—	—	0.0
Male	1985	521	98	18.7	—	—	—	0.1
	1986	539	103	19.2	—	—	—	0.1
Female	1985	492	50	10.2	—	—	—	0.0
	1986	508	52	10.3	—	—	—	0.0

¹⁾ Including evening intermediate schools

Population according to Age and Sex. Pupils and Students according to Type of School, Age and Sex and in percent of the Population of the Same Age (cont.)

Pupils and Students	Year	Sex
of which		
Grammar Schools ²⁾	Part-time Vocational Schools ³⁾	Full-time Vocational Schools
Fach-ober schulen	Trade and Technical Schools	Higher Education
Percentage of the Population of the Same Age		
22 to under 23 years		
•	•	•
0.4	0.2	1.2
0.4	2.0	0.8
0.4	10.1	1.0
0.3	10.9	1.0
0.5	12.2	0.8
0.3	12.5	0.8
0.4	7.9	1.2
0.2	9.1	1.2
•	•	•
0.4	0.1	0.3
0.4	—	0.8
0.3	—	0.6
0.4	0.1	0.7
0.3	0.1	0.4
0.4	—	0.9
0.3	0.0	0.8
•	•	•
0.3	—	—
0.4	0.1	0.2
0.4	0.1	0.1
0.4	0.1	—
0.3	0.1	0.1
0.3	—	0.1
0.4	0.0	0.0
•	•	•
—	—	—
—	—	—
0.3	—	0.2
0.3	—	0.1
0.3	—	0.1
0.3	—	0.2
0.3	—	0.2
0.3	—	—
0.3	—	0.0
0.3	—	0.0
23 to under 24 years		
•	•	•
0.4	0.1	0.3
0.4	—	0.3
0.3	—	0.3
0.4	0.1	0.4
0.3	0.1	0.5
0.4	—	0.9
0.3	0.0	0.8
•	•	•
0.3	—	—
0.4	0.1	0.2
0.4	0.1	0.1
0.4	0.1	—
0.3	0.1	0.1
0.3	—	0.1
0.4	0.0	0.0
•	•	•
—	—	—
—	—	—
0.3	—	0.2
0.3	—	0.1
0.3	—	0.1
0.3	—	0.2
0.3	—	0.2
0.3	—	—
0.3	—	0.0
0.3	—	0.0
24 to under 25 years		
•	•	•
0.3	—	—
0.4	0.1	0.2
0.4	0.1	0.1
0.4	0.1	—
0.3	0.1	0.1
0.3	—	0.1
0.4	0.0	0.0
•	•	•
—	—	—
—	—	—
0.3	—	0.2
0.3	—	0.1
0.3	—	0.1
0.3	—	0.2
0.3	—	0.2
0.3	—	—
0.3	—	0.0
0.3	—	0.0
25 to under 26 years		
•	•	•
—	—	—
—	—	—
0.3	—	0.2
0.3	—	0.1
0.3	—	0.1
0.3	—	0.2
0.3	—	0.2
0.3	—	—
0.3	—	0.0
0.3	—	0.0

²⁾ Including Evening Grammar Schools and secondary education colleges

³⁾ Including basic vocational training year and vocational extension schools

Kindergartens

Definitions

Kindergarten

For the day care of children from the age of three to under six

Day Care Centres

For the care of children of school age outside school hours

Kindergartens

Kindergartens, Day Care Centres, Places in Kindergartens and Day Care Centres per Institution and 1000 Children according to Laender

Year Land	Kindergartens ¹⁾		Day Care Centres		Kindergarten Places per		Day Care Centre Places per	
	Places	Insti- tutions	Places	Insti- tutions	1000 Chil- dren ²⁾	Insti- tution	1000 Chil- dren	Insti- tution
	Thousands Total		Thousands Total					
Federal Republic in total								
1960	817.2	12290	67.4	1456	328	67	22	46
1965	952.9	14113	73.6	1857	327	68	21	40
1970	1160.7	17493	72.9	2036	384	66	18	36
1975	1478.9	23130	82.7	2376	655	64	21	35
1976	1463.0	23680	85.0	2484	705	62	23	34
1977	1441.0	23409	87.6	2615	755	62	25	34
1978	1396.9	23411	101.7	3106	773	60	31	33
1979	1390.7	23916	104.5	3109	784	58	35	34
1980	1392.5	23938	105.7	3026	787	58	38	35
1981	1396.5	24149	107.4	3096	793	58	41	35
1982	1335.0	22724	86.8	2407	769	59	37	36
1983 ³⁾	1410.0	•	94.0	•	800	•	40	•
1984 ³⁾	1435.0	•	98.0	•	801	•	42	•
1985 ³⁾	1465.0	•	100.0	•	800	•	44	•
1986	1438.4	24476	102.9	3041	790	59	44	34
1987 ³⁾	1415.0	•	100.0	•	790	•	44	•
Laender 1986								
BW	309.0	5411	11.9	287	1052	57	33	42
BA	238.3	4326	19.4	456	690	55	46	43
HE	144.8	2276	11.6	364	912	64	56	32
NS	121.9	1952	6.5	274	578	62	23	24
NW	377.2	6112	20.3	783	770	62	32	26
RP	110.7	1723	2.0	60	1001	64	15	33
SA	29.2	410	0.6	19	961	71	16	32
SH	39.3	766	2.6	87	537	51	28	30
BE	34.6	868	17.9	473	636	40	285	38
BR	13.2	186	0.6	23	793	71	28	26
HA	20.2	446	9.3	215	539	45	196	43

¹⁾ Including — as from 1980, school Kindergartens in Bavaria

²⁾ 3 to 6 years of age

³⁾ Estimates

Definitions

General Education Schools

Primary Schools ("Grundschulen")

are attended by all children. They cover the first four – in Berlin (West) the first six – years of schooling and provide a basic education, preparing the children for secondary schools.

Secondary General Schools ("Hauptschulen")

normally cover five school years (classes 5 to 9, including class 10 in some Laender in accordance with differing regulations in the Laender). Where primary school lasts six years (Berlin West) or where there is a two year orientation stage independent of the type of school, secondary general school lasts for three school years, covering classes 7 to 9. These schools provide general education as a basis for practical training for a wide range of occupations.

Primary and secondary general schools may also offer classes for children with special needs or intermediate school classes. The respective shown data are under special schools or intermediate schools.

Intermediate Schools ("Realschulen")

are secondary schools which children attend after having finished primary school or after class 6 of secondary general school. These schools end with the 10th year of education. The final certificate awarded by intermediate schools is the normal basis for a training in medium-level occupations. It entitles pupils to attend specialized trade or technical schools, specialized grammar schools or grammar schools with classes 11–13 only.

Grammar Schools ("Gymnasien")

are secondary schools which accept pupils who have completed primary school or class 6 of secondary general school. As a rule, pupils attend grammar school for nine years (classes 5 to 13) or seven years (classes 7 to 13). There are also extension grammar schools as a rule open to pupils with a final or certificate from intermediate schools. The final certificate awarded by grammar schools gives entitlement to studies at institutions of higher education.

Comprehensive Schools ("Gesamtschulen")

are schools in which the different types of school are combined in various organizational and curricular forms. Here only integrated comprehensive schools, in which pupils are not assigned to streams shaped after the traditional types of school, are shown separately as from 1971. They also include the independent Waldorf schools. Data on cooperative comprehensive schools, in which the various types of school continue to exist side by side on common premises have – as far as possible – been included in the figures for the different types of school.

Special Schools ("Sonderschulen")

are full-time compulsory schools which provide special care and tuition for physically, mentally or emotionally disadvantaged children or children at risk who cannot adequately be taught in normal schools. They include intermediate and grammar schools for such children.

Vocational Schools

Part-time Vocational Schools ("Berufsschulen")

aim at enhancing pupils' general knowledge and providing them with the basic theoretical knowledge necessary for the exercise of an occupation. In general, these schools have to be attended – after completion of nine or ten years of compulsory full-time schooling – by young people under eighteen who are undergoing initial vocational training on the basis of a training contract or who are otherwise employed.

These schools include institutions for children with special needs which provide vocational training for physically, mentally or emotionally disadvantaged adolescents and for young people at risk.

Pre-vocational and Basic Vocational Training-Year ("Berufsvorbereitungsjahr/Berufsbildungsjahr")

refer to a vocational education mostly in the form of full-time schooling, which provides basic general knowledge and basic vocational training relating to one occupational area.

Vocational Extension Schools ("Berufsaufbauschulen")

are attended by young people who are undergoing or have completed vocational training or who are or have been employed. On successful completion, pupils earn a certificate equivalent to the intermediate school certificate.

Definitions (cont.)

Full-time Vocational Schools ("Berufsfachschulen")

after courses of a duration of at least one year. In general attendance is voluntary. These schools can be entered after completion of compulsory full-time schooling. They prepare for an occupation or provide full vocational training for pupils who have so far not completed a practical vocational training. These schools award a certificate to pupils who have passed their final examination. Students who have completed a 2-year course qualify for entrance to Fachschule (cf. definition below).

"Fachoberschulen"

require the intermediate school certificate or a recognized equivalent. Depending on previous vocational training, full-time attendance is for at least one year and part-time attendance for up to three years. Successful completion entitles leavers to take up studies at a „Fachhochschule“ (an institution of higher education).

Specialized Grammar Schools ("Fachgymnasien")

are grammar schools oriented towards occupations. Admission requires an intermediate school certificate or equivalent. Attendance is for three years (classes 11 to 13), and the final certificate entitles leavers to take up studies at institutions of higher education.

Trade and Technical Schools ("Fachschulen")

are normally attended after completion of vocational training in the dual system or in some cases, after several years of practical work experience. They are not compulsory. Admission is also possible on proof of ability. These schools provide further training in a wide range of occupations (e.g. for a master's or technician's qualification). Full-time attendance is for between six months and three years and part-time attendance, normally for six to eight half-year periods.

General Education and Vocational Schools

Teachers

Full-time teachers are persons teaching in schools and occupying an established post either as civil servants (Beamte) or as employees (Angestellte).

They normally teach the full teaching load which can however be reduced by up to 50 per cent according to the regulations applicable in the Land concerned (full-time and part-time teachers). Teachers without established posts take less than 50 per cent of the regular teaching load of a full-time teacher. They are also known as teachers employed by the hour.

Data on teachers (Source: Standing Conference of the Laender Ministers of Education and Cultural Affairs) are based on a fictitious number of full-time teachers calculated on the basis of the standard number of teaching hours. Numbers of hours taught by part-time teachers and numbers of hours taught by full-time teachers in addition to their regular teaching load are added and the sum is divided by the standard number of teaching hours at the respective type or level of school.

	Contents	
Pupils	according to Level and Type of School	28 to 31
	Share of Girls	32 to 35
Vocational Schools	according to Occupational Status of Pupils in Laender	36
	Pupils in Percentage of the Population of the Same Age	37
Foreign Pupils	according to Type of School and Laender	38 to 39
	according to Type of School and Nationality	40 to 41
Per Teacher	according to Type of School and Laender	46 to 49
School-Leavers	according to Type of Qualification obtained	42 to 43
	Share of Girls	44 to 45
Teachers	according to Type of School and Laender	46 to 49

Pupils in General Education Schools according to Level and Type of School (Thousands)

Year	Pupils at						
	Pre-school Level		Primary Level (Classes 1 to 4)		Secondary Level I		
	Pre-schools Classes	School-kindergartens	Primary Schools	Integrated Comprehensive Schools/ Free Waldorf Schools	Orientation stage in- dependent General Schools	Second- ary Schools	Inter- mediate Schools Integrated Comprehensive Schools/ Free Waldorf Schools ¹⁾

Actual Figures

1960	•	•	3096.9	•	•	2122.4	430.7	•
1965	•	10.9	3453.2	•	•	2112.5	570.9	•
1970	•	31.8	3972.5	•	•	2374.9	863.5	•
1975	•	84.2	3914.7	14.8	•	2510.4	1179.9	143.9
1980	13.0	49.2	2772.8	13.1	337.9	1933.7	1351.1	188.9
1981	13.8	46.9	2589.9	13.6	332.3	1853.0	1323.4	191.1
1982	14.4	45.4	2439.4	14.2	313.6	1748.0	1278.1	189.9
1983	14.6	44.1	2350.9	15.3	283.2	1611.7	1214.4	187.0
1984	14.5	43.7	2290.4	16.1	254.1	1460.3	1132.2	182.6
1985	15.3	44.8	2254.6	17.0	239.9	1332.5	1049.0	178.2
1986	25.5	36.8	2269.0	18.6	224.9	1227.9	975.5	194.5
1987	33.4	32.6	2304.0	20.0	222.9	1133.8	915.3	198.2

Forecast (Estimate by the Standing Conference of Ministers of Education of the Laender; KMK Documentation 99)

1987	32.4	30.2	2282.7	20.7	242.5	1146.3	902.3	196.2
1988	32.0	30.2	2311.5	20.8	250.1	1087.2	851.7	201.0
1989	31.3	29.9	2334.8	20.9	248.9	1051.8	824.2	205.8
1990	31.5	29.5	2320.0	20.8	248.9	1042.0	813.7	213.5
1991	32.2	29.5	2296.7	20.6	249.4	1047.8	810.9	219.8
1992	32.4	29.8	2287.0	20.6	249.0	1056.2	813.1	223.0
1993	32.7	30.1	2293.7	20.6	248.4	1061.8	817.2	224.0
1994	32.9	30.3	2320.0	20.8	247.2	1064.2	820.1	224.6
1995	33.0	30.5	2348.8	20.9	247.6	1064.2	826.8	226.5
1996	33.1	30.6	2369.0	21.0	251.1	1062.3	827.2	226.4
1997	32.7	30.5	2380.0	21.0	254.2	1061.3	825.4	225.9
1998	32.5	30.3	2379.0	21.0	255.5	1065.1	824.2	225.9
1999	31.9	29.9	2366.8	21.0	256.0	1075.1	827.9	226.5
2000	31.6	29.5	2339.6	21.0	255.0	1086.3	834.6	228.0
2005	28.9	25.7	2046.2	20.2	231.9	1075.1	833.1	223.6
2010	26.6	22.7	1739.9	18.5	194.1	936.4	733.5	199.2

¹⁾ Classes 5 to 10

Pupils in General Education Schools according to Level and Type of School (Thousands) (cont.)

Pupils at							Year
Secondary Level I		Secondary Level II			Special Schools		
Even- ing Sec- ond- ary Gen- eral Schools	Even- ing Inter- mediate Schools	Grammar Schools Classes 5 to 10	Classes 11 to 13	Inte- gra- ted Com- pre- hen- sive Schools/ Free Wal- dorf Schools ²⁾	Even- ing Gram- mar Schools and Full-time Adult Educa- tion Colleges	Classes for children with learn- ing diffi- culties	Classes for children with other handi- caps

Actual Figures

-	1.9	641.7	211.7	•	•	108.5	34.4	1960
-	4.1	760.7	197.2	•	10.7	161.4	30.9	1965
-	8.8	1062.1	317.4	•	15.4	264.6	57.4	1970
-	11.5	1394.5	469.0	7.2	23.3	314.4	88.6	1975
-	8.9	1495.5	623.5	18.2	26.3	244.2	110.1	1980
-	9.4	1448.1	658.3	20.9	27.7	226.3	110.7	1981
-	9.3	1378.3	672.1	22.2	27.9	209.6	109.7	1982
-	9.2	1289.1	671.7	23.3	27.7	193.1	108.8	1983
0.7	9.1	1193.4	659.3	23.0	28.0	178.0	106.6	1984
0.7	9.1	1110.2	640.1	23.1	28.0	163.6	107.8	1985
0.6	9.8	1047.1	608.7	25.6	28.7	152.9	108.5	1986
0.7	10.9	1015.8	580.3	26.1	29.8	143.3	110.8	1987

Forecast (Estimate by the Standing Conference of Ministers of Education of the Laender; KMK Documentation 99)

0.9	9.4	978.6	570.4	26.6	29.2	150.4	107.8	1987
0.9	9.4	937.2	528.0	26.9	29.0	146.5	102.5	1988
0.9	9.4	917.4	483.1	27.3	28.8	145.0	104.2	1989
0.9	9.4	911.8	444.3	27.4	28.6	143.3	105.0	1990
0.9	9.2	912.9	418.2	27.4	28.4	143.1	105.3	1991
0.9	9.2	918.8	406.2	28.7	28.3	143.4	105.8	1992
0.9	9.1	922.9	400.6	31.1	28.2	144.0	106.4	1993
0.9	9.1	925.4	396.0	33.0	28.0	144.9	107.1	1994
0.9	9.0	928.6	391.0	33.6	27.8	146.6	106.7	1995
0.9	9.0	929.9	392.1	33.8	27.5	147.1	107.2	1996
0.9	9.0	929.1	397.1	34.2	27.4	147.3	107.4	1997
0.9	9.0	929.3	406.0	34.8	27.4	147.4	107.6	1998
0.9	9.0	934.4	407.5	34.9	27.3	147.7	107.4	1999
0.9	9.0	943.9	403.9	34.6	27.3	147.7	107.4	2000
0.9	8.9	936.9	412.2	35.3	27.0	138.2	102.0	2005
0.9	8.8	825.7	402.0	34.6	26.9	121.1	89.2	2010

²⁾ Classes 11 to 13

Pupils in Vocational Schools according to Level and Type of School (Thousands)

Year	Pupils at							
	Secondary Level II							
	Voca- tional Schools	Pre-voca- tional Training Year	Basic Vocational Training Year	Vocational Extension Schools	Voca- tional Schools (Berufs- fach- schulen)	Berufs- ober- schulen/ Technische Ober- schulen ¹⁾		
	part-time	full-time		part-time	full-time	part-time	full-time	
1960	1661.9	—	—	—	—	125.7	—	
1965	1780.0	—	—	11.4	41.6	148.5	—	
1970	1599.4	—	0.5	13.4	27.0	182.7	0.9	
1975	1607.3	6.9	22.7	14.1	13.7	270.8	2.7	
1980	1847.5	41.7	66.1	14.4	16.1	325.6	4.0	
1981	1808.3	41.9	80.0	16.6	18.7	334.3	4.7	
1982	1771.7	41.6	86.1	17.3	17.6	356.3	4.7	
1983	1792.0	44.3	88.4	18.8	13.4	356.7	4.4	
1984	1858.3	40.6	87.1	17.9	10.2	347.2	4.0	
1985	1893.3	36.0	80.1	15.5	8.3	339.7	3.6	
1986	1857.2	27.8	68.9	18.2	6.8	318.7	3.9	
1987	1773.1	25.3	58.8	28.2	8.9	301.8	4.6	

Forecast: (Estimate by the Standing Conference of Ministers of Education of the Laender KMK; Documentation 99)

1987	1747.0	27.0	74.2	19.2	7.3	1.6	289.8	3.3
1988	1621.8	24.9	72.8	27.0	7.6	1.4	267.3	3.2
1989	1490.1	23.2	68.7	36.3	7.3	1.3	242.5	3.2
1990	1356.9	21.7	64.3	44.7	6.9	1.2	222.6	3.4
1991	1250.2	20.8	62.4	53.2	6.3	1.1	10.0	3.4
1992	1169.7	20.4	62.2	59.6	6.2	1.1	202.6	3.2
1993	1118.6	20.3	62.5	63.9	5.9	1.1	195.9	3.0
1994	1088.9	20.3	63.1	62.9	5.8	1.0	193.0	2.9
1995	1070.9	20.3	64.8	64.4	5.7	1.0	189.8	2.8
1996	1071.8	20.5	67.9	66.2	5.7	1.0	193.8	2.7
1997	1082.0	20.7	70.7	67.0	5.7	0.9	196.0	2.7
1998	1090.4	20.5	72.6	68.4	5.7	1.0	196.5	2.7
1999	1091.2	20.1	73.1	65.1	5.8	1.0	194.5	2.7
2000	1083.2	19.8	73.3	64.6	5.8	1.0	192.7	2.7
2005	1098.3	20.1	76.1	68.1	5.7	1.0	197.7	2.7
2010	1096.9	19.6	74.9	66.3	5.8	1.0	192.2	2.8

¹⁾ 2-year full-time vocational schools awarding subject-restricted higher education entrance qualification

Pupils in Vocational Schools according to Level and Type of School (Thousands) (cont.)

Pupils at							Year
Secondary Level II							Schools for Nurses, midwives etc. ²⁾
Fachober- schulen	Speciali- zed Gram- mar Schools	Trade and Technical Schools	Special- ized/ Vocat- ional Acade- mies	Kollegschule ¹⁾ (only in North- Rhine West- phalia)			
full-time	part-time	full-time	part-time	full-time	part-time	full-time	
						Number	
—	—	101.8	—	—	—	40.0	
—	—	103.9	—	—	—	42.0	
50.3	8.1	130.6	—	—	—	61.4	
90.1	28.7	100.8	6.3	9.6	—	88.5	
55.5	23.8	54.5	73.6	11.3	10.1	8.3	
62.9	27.0	60.7	78.7	13.4	10.5	11.2	
68.6	26.3	64.0	78.2	13.5	11.3	12.5	
63.4	23.1	63.3	73.9	14.1	11.4	13.4	
55.9	22.1	62.0	71.3	16.0	11.5	13.6	
50.5	24.2	61.1	70.5	20.2	11.5	13.1	
51.3	24.2	61.6	70.2	20.4	11.2	13.5	
54.3	24.8	62.1	74.3	23.4	10.5	13.2	
						44.4	
						109.5	
						1960	
						1965	
						1970	
						1975	
						1980	
						1981	
						1982	
						1983	
						1984	
						1985	
						1986	
						1987	

Forecast (Estimate by the Standing Conference of Ministers of Education of the Laender KMK; Documentation 99)

47.3	22.8	59.9	66.9	16.0	14.0	12.2	42.7	101.7	1987
46.1	22.1	57.6	66.2	15.9	14.3	11.4	41.0	100.8	1988
43.1	20.2	53.2	64.8	15.6	14.1	10.2	39.2	98.7	1989
39.6	18.6	49.4	63.1	15.3	13.7	9.2	35.8	96.2	1990
37.0	17.4	46.9	61.9	14.9	13.2	8.5	32.8	94.3	1991
35.3	16.7	44.5	60.2	14.8	12.7	8.1	30.3	92.0	1992
34.0	16.2	42.8	59.1	14.6	12.4	7.8	28.6	90.4	1993
33.0	15.9	42.3	57.7	14.4	11.9	7.7	27.5	88.5	1994
32.5	15.4	41.0	56.6	14.0	11.3	7.5	26.9	86.6	1995
32.1	15.7	40.7	55.5	13.7	10.7	7.6	26.7	84.9	1996
32.6	16.2	40.6	54.2	13.5	9.9	7.8	26.8	83.1	1997
32.9	16.4	41.9	53.4	13.3	9.4	7.9	27.1	81.9	1998
32.9	16.4	41.8	52.8	13.2	9.1	7.9	27.3	81.0	1999
32.6	16.1	41.4	52.2	13.1	8.9	7.8	27.3	80.1	2000
32.5	16.6	41.2	51.9	12.9	9.0	8.1	27.8	79.5	2005
32.1	16.5	40.9	51.7	13.0	9.1	7.9	27.9	79.4	2010

¹⁾ Schools offering general as well as vocational education

²⁾ Not falling within the responsibility of the Ministers of Education

2 Schools

Girls in Per Cent of Total Number of Pupils in General Education Schools according to Level and Type of School

Year	Percentage of Girls at							
	Pre-school Level		Primary Level (Classes 1 to 4)					
	Pre-schools Classes	School- Kinder- gartens	Primary Schools	Integrated Compre- hensive Schools/ Free Waldorf Schools	Orien- tation stage inde- pendent of school type	Secon- dary General Schools	Inter- mediate Schools	Orien- tation stage in- dependent of school type ¹⁾
1960	•	•	48.7	•	•	50.2	52.0	•
1965	•	42.8	48.7	•	•	50.0	51.5	•
1970	•	43.6	49.0	•	•	49.1	52.9	•
1975	•	44.4	48.9	49.3	•	47.5	52.5	48.2
1980	48.3	42.5	48.8	51.1	48.6	45.9	53.6	48.1
1981	48.1	42.6	48.8	50.7	48.7	45.4	53.6	47.8
1982	47.8	42.4	48.6	50.7	48.1	45.6	53.5	47.5
1983	48.3	42.0	48.9	50.3	48.7	45.2	53.4	47.3
1984	47.3	41.7	48.9	50.3	48.8	45.3	53.3	47.1
1985	46.6	42.0	48.9	50.0	48.8	45.5	53.1	47.1
1986	47.8	40.1	49.0	50.0	49.0	45.6	52.9	47.0
1987	47.3	38.7	49.0	50.4	49.0	45.5	52.8	47.1

Schools

Girls in Per Cent of Total Number of Pupils in General Education Schools according to Level and Type of School (Cont.)

Percentage of Girls at (Cont.)								Year
Secondary Level I		Secondary Level II			Special Schools			
Even- ing Sec- ondary General- Schools	Even- ing inter- mediate Schools	Grammar Schools Classes 5 to 10	Classes 11 to 13	Orien- tation stage in- dependent of school type ²⁾	Even- ing Grammar Schools and Full-time Adult Educa- tion Colleges	Classes for children with learning difficulties	Classes for children with other handicaps	
●	10.5	41.1	36.5	●	●	40.9	36.6	1960
●	22.0	42.2	37.8	●	17.8	41.1	36.2	1965
●	28.4	44.7	41.4	●	24.7	40.7	38.5	1970
●	41.4	48.5	46.4	47.2	46.8	39.3	38.0	1975
●	44.0	50.4	49.4	48.4	51.7	40.3	37.3	1980
●	44.3	50.7	49.8	48.3	53.1	40.1	37.3	1981
●	45.2	50.9	50.0	48.6	53.4	40.0	37.1	1982
●	44.3	51.0	50.1	48.9	52.0	40.1	37.0	1983
52.4	44.7	51.0	50.0	49.1	51.1	39.8	37.3	1984
52.2	44.6	50.9	49.9	48.9	50.7	40.0	37.1	1985
47.2	43.8	50.9	49.7	48.7	51.8	40.0	36.9	1986
48.4	45.4	50.8	49.8	48.2	52.5	40.0	36.8	1987

¹⁾ Classes 5 to 10

²⁾ Classes 11 to 13

2 Schools

Girls in Per Cent of Total Number of Pupils in Vocational Schools according to Level and Type of School

Year	Percentage of Girls at							
	Secondary Level II							
	Voca- tional Schools	Pre-voca- tional Training year	Basic Vocational Training year	Vocational Extension Schools	Voca- tional Schools (Berufs- fach- schulen ¹⁾)	Berufs- ober- schulen/ Technische Ober- schulen ¹⁾)		
	part-time	full-time		part-time	full-time	part-time	full-time	
1960	44.1	—	—	—	—	70.4	●	
1965	44.1	—	—	25.4	6.5	65.0	●	
1970	41.9	●	60.0	32.8	11.5	61.6	0.0	
1975	40.1	52.2	42.7	28.4	18.3	67.4	25.9	
1980	40.3	44.1	33.1	9.0	34.8	17.5	68.7	27.5
1981	40.4	44.6	33.6	7.8	32.1	17.1	68.6	29.8
1982	40.6	44.2	34.3	7.5	31.8	15.2	69.0	27.7
1983	40.8	45.6	35.8	6.9	32.1	13.0	70.0	25.0
1984	41.4	45.1	36.6	7.3	35.3	15.8	70.2	25.0
1985	42.0	45.6	37.3	7.7	34.9	12.5	69.6	27.8
1986	42.7	45.0	38.2	29.1	27.9	14.3	68.8	28.2
1987	43.4	43.5	38.9	25.2	31.4	15.2	67.7	29.9

¹⁾ 2-year full-time vocational schools awarding subjekt-restricted higher education entrance qualification

Schools

Girls in Per Cent of Total Number of Pupils in Vocational Schools according to Level and Type of School (cont.)

Percentage of Girls at (cont.)										Year
Secondary Level II								Schools for Nurses, Midwives etc. ¹⁾		
Fachober- schulen	Specia- lized Gram- mar Schools	Trade and Technical Schools		Specia- lized Voca- tional Acade- mies	Kollegschule (only in North- Rhine West- phalia)					
full-time	part-time	full-time	part-time	full-time	part-time	full-time				
—	—	—	25.3	—	—	—	100.0	1960		
—	—	—	30.1	—	—	—	100.0	1965		
18.3	33.3	—	35.4	—	—	—	88.3	1970		
26.3	39.4	34.3	34.9	86.5	—	—	83.4	1975		
29.7	39.9	41.7	39.7	38.1	82.2	53.0	29.7	85.9	1980	
29.9	41.5	42.0	38.1	37.3	81.9	51.8	32.5	86.1	1981	
28.9	40.7	42.2	37.9	34.8	82.3	52.8	32.3	86.0	1982	
28.4	42.0	41.9	39.4	31.2	82.5	52.2	32.7	86.1	1983	
29.5	41.2	41.6	41.1	28.1	82.6	55.9	35.9	86.2	1984	
30.1	39.3	41.2	40.7	10.3	82.6	54.2	36.9	86.4	1985	
29.8	36.8	40.6	38.0	23.0	82.1	54.1	35.5	86.5	1986	
28.2	36.5	40.5	37.4	21.0	80.7	53.5	36.6	86.4	1987	

¹⁾ Not falling within the responsibility of the Ministers of Education

Pupils in Vocational Schools according to Occupational Status and Laender (Thousands)

Year Land	Pupils in Vocational Schools							
	Total				of which			
					without Training Contract ²⁾			
					with Training Contract ¹⁾			
	Total	Female	Total	Female	Total	Female	Total	Female
Federal Republic								
1960	1661.9	732.3	1340.9	508.9	321.0	223.4	23.5	20.1
1965	1780.0	784.9	1450.2	552.4	329.8	232.5	18.2	14.6
1970	1599.8	670.8	1362.4	509.7	237.4	161.1	19.2	13.0
1975	1607.5	645.0	1366.6	500.5	240.9	144.5	72.1	36.9
1976	1585.1	633.3	1352.7	494.3	232.4	139.0	68.8	37.5
1977	1643.0	654.8	1435.2	532.1	207.7	122.7	63.4	35.9
1978	1731.2	700.1	1541.9	587.2	189.4	112.9	60.5	34.5
1979	1820.3	733.2	1659.5	639.7	160.8	93.5	52.2	29.0
1980	1857.1	745.8	1712.9	668.4	144.2	77.3	52.9	25.2
1981	1824.1	731.3	1691.4	663.7	132.7	67.6	62.7	28.6
1982	1788.9	720.5	1675.7	661.7	113.2	58.8	61.2	29.4
1983	1810.7	732.9	1710.3	679.3	100.5	53.6	58.0	29.4
1984	1876.2	770.1	1785.1	721.3	91.1	48.8	53.6	27.2
1985	1908.8	796.5	1820.7	748.6	88.1	47.9	50.7	26.0
1986	1876.3	797.8	1796.3	753.9	80.3	43.9	45.8	23.5
1987	1773.1	768.7	1704.6	731.8	68.5	36.9	40.4	20.2
Laender 1987								
BW	271.6	118.9	262.7	113.9	8.9	5.0	5.0	2.7
BA	320.0	139.6	303.7	130.1	16.3	9.5	9.8	5.2
HE	157.1	69.3	147.1	63.2	10.1	6.1	7.2	3.7
NS	221.1	95.7	219.3	94.9	1.8	0.8	1.8	0.7
NW	470.3	201.9	450.1	192.0	20.2	9.9	8.4	3.7
RP	100.7	43.0	98.0	41.5	2.7	1.5	1.6	0.9
SA	30.1	12.8	29.7	12.6	0.4	0.1	0.0	0.0
SH	84.6	37.2	80.2	35.1	4.4	2.1	3.9	1.8
BE	41.2	17.0	40.1	16.5	1.2	0.6	1.2	0.6
BR	28.4	12.4	27.1	11.6	1.3	0.8	0.5	0.4
HA	48.0	20.8	46.8	20.3	1.2	0.5	1.2	0.5

¹⁾ Figures in chapter 3 indicating numbers of apprentices are lower for statistical reasons

²⁾ For example: young employees, family members helping in business, unskilled workers

Pupils in Vocational Schools according to Occupational Status and Laender in Percentage of the Population of the Same Age

Year Land	Pupils in Vocational Schools							
	Total				of which			
					without Training Contract ²⁾			
					with Training Contract ¹⁾			
	Total	Female	Total	Female	Total	Female	Total	Female
in per cent of the population of the same age ³⁾								
Federal Republic								
1960	71.3	64.2	57.5	44.6	13.8	19.6	1.0	1.8
1965	77.1	70.1	62.8	49.3	14.3	20.8	0.8	1.3
1970	66.3	57.0	56.5	43.3	9.8	13.7	0.8	1.1
1975	58.6	48.4	49.9	37.6	8.8	10.8	2.6	2.8
1976	56.1	46.1	47.9	36.0	8.2	10.1	2.4	2.7
1977	56.1	45.9	49.0	37.3	7.1	8.6	2.2	2.5
1978	57.7	47.9	51.4	40.2	6.3	7.7	2.0	2.4
1979	58.8	48.7	53.6	42.5	5.2	6.2	1.7	1.9
1980	58.2	48.3	53.7	43.3	4.5	5.0	1.7	1.6
1981	56.5	46.8	52.3	42.5	4.1	4.3	1.9	1.8
1982	55.7	46.3	52.2	42.6	3.5	3.8	1.9	1.9
1983	57.8	48.1	54.6	44.6	3.2	3.5	1.9	1.9
1984	61.5	49.2	58.5	46.1	3.0	3.2	1.8	1.8
1985	65.6	56.2	62.5	52.8	3.0	3.4	1.8	1.9
1986	69.1	60.4	66.2	57.0	3.0	3.3	1.7	1.8
1987	70.7	62.9	67.9	59.9	2.7	3.0	1.6	1.7
Laender 1987								
BW	69.3	62.2	67.1	59.6	2.3	2.6	1.3	1.4
BA	71.5	64.0	67.9	59.6	3.6	4.4	2.2	2.4
HE	71.7	65.3	67.1	59.6	4.6	5.8	3.3	3.5
NS	69.0	61.0	68.5	60.4	0.6	0.5	0.6	0.5
NW	68.3	60.2	65.3	57.3	2.9	3.0	1.2	1.1
RP	67.3	59.2	65.5	57.1	1.8	2.1	1.1	1.2
SA	75.1	65.1	74.1	64.1	1.0	0.5	0.0	0.0
SH	74.9	68.4	71.0	64.5	3.9	3.9	3.5	3.3
BE	66.6	57.2	64.9	55.5	1.9	2.0	1.9	2.0
BR	112.9	101.6	107.8	95.0	5.2	6.6	2.0	3.3
HA	91.9	80.7	89.6	78.8	2.3	1.9	2.3	1.9

¹⁾ Without pupils in full-time schooling

²⁾ For example: young employees, family members helping in business, unskilled workers

³⁾ Population from 16 up to 19 years old

Foreign Pupils in General Education Schools according to Type of School and Laender (Thousands)

Year Land	Foreign Pupils							
	Total	of which						
		Pre-school Classes and School- Kinder- gartens	Primary and Secundary General Schools	Intermediate Schools	Grammar Schools	Com- prehen- sive Schools	Evening Schools and Secundary Education Colleges	Special Schools
Federal Republic								
1960	•	•	•	•	•	•	•	•
1965	35.4	•	32.2	0.5	2.4	•	•	•
1970	159.9	0.8	137.7	4.8	12.5	•	0.2	3.9
1975	393.0	6.0	329.0	13.8	26.1	4.6	0.8	12.6
1980	645.9	10.8	526.6	29.0	40.1	10.5	1.2	27.7
1981	706.6	11.4	569.7	34.4	44.5	13.3	1.2	31.9
1982	731.6	10.8	579.2	39.5	48.4	16.0	1.5	36.1
1983	720.6	11.5	553.2	44.4	52.0	18.5	1.7	39.3
1984	674.3	10.8	500.1	47.2	54.8	20.4	1.8	39.1
1985	668.5	11.3	483.3	51.2	58.2	22.8	2.0	39.6
1986	684.3	12.1	485.6	55.6	59.7	28.1	2.5	40.7
1987	707.6	12.8	496.6	59.8	64.3	29.9	3.2	41.0
Laender 1987								
BW	142.2	1.3	102.9	14.2	11.3	1.2	0.3	10.9
BA	87.0	—	67.8	5.6	9.4	0.2	0.1	3.9
HE	74.0	1.7	47.4	7.6	7.8	6.4	0.3	3.7
NS	43.7	1.3	31.1	4.1	3.3	1.3	0.0	2.5
NW	243.7	3.6	171.5	18.7	21.4	12.3	1.8	14.3
RP	22.4	0.2	17.5	1.5	1.8	0.2	0.0	1.1
SA	6.2	0.1	4.6	0.5	0.5	0.3	0.0	0.3
SH	11.5	0.5	7.2	1.6	1.1	0.1	0.1	0.9
BE	42.5	2.3	26.5	2.7	3.8	5.1	0.4	1.8
BR	8.6	0.3	5.6	1.1	0.8	0.2	0.1	0.4
HA	24.7	1.5	14.2	2.2	3.0	2.6	0.1	1.2

Foreign Pupils in Vocational Schools according to Type of School and Laender (Thousands) (cont.)

Year Land	Foreign Pupils											
	Total	of which										
		Part-time Vocational Schools	Pre-vocational Basic Schools	Vocational Extension Schools	Full-time Vocational Schools	Berufs- ober- schul(n) Tech- nische (Berufs-Ober- schul(n))	Fach- ober- schul(n)	Specia- lized Gram- mar Schools	Trade and Tech- nical Schools	Specia- lized Vocational Academies	Kolleg- schule (only in North- Rhine- West- phalia) ²⁾	Schools for nurses mid- wives etc. ³⁾
Federal Republic												
1960	12.6	10.0	—	—	1.0	0.0	—	—	1.6	—	—	0.7
1965	18.2	15.0	—	0.2	1.2	0.0	—	—	1.8	—	—	0.9
1970	25.8	20.8	0.4	0.3	1.7	0.0	0.6	0.04	2.0	—	—	1.2
1975	58.4	47.3	0.7	0.4	5.9	0.01	1.5	0.2	2.3	0.1	—	1.5
1980	100.8	69.6	14.1	0.4	10.7	0.04	1.9	0.8	2.2	0.2	0.9	1.7
1981	121.4	82.2	17.0	0.4	13.2	0.05	2.5	1.0	2.6	0.2	2.3	1.9
1982	123.6	80.4	17.4	0.4	15.8	0.05	2.7	1.2	2.8	0.2	2.7	2.0
1983	119.3	77.0	17.0	0.3	15.5	0.06	2.5	1.4	2.4	0.2	3.0	2.0
1984	116.6	75.6	14.8	0.3	16.1	0.06	2.6	1.6	2.3	0.3	3.0	2.1
1985	120.0	78.3	13.9	0.3	17.3	0.05	2.7	1.8	2.3	0.3	3.1	2.2
1986	126.7	83.7	13.5	0.3	18.8	0.06	2.9	2.0	1.7	0.2	3.6	2.3
1987	137.8	90.6	14.4	0.4	20.9	0.1	3.2	2.2	1.7	0.2	4.0	2.6
Laender 1987												
BW	30.4	18.1	2.3	0.1	7.9	0.03	•	1.2	0.4	—	—	0.3
BA	21.9	16.9	2.1	0.2	1.1	0.04	0.8	—	0.3	0.2	—	0.2
HE	16.3	11.2	2.3	0.03	1.8	—	0.5	0.4	0.2	—	—	0.3
NS	8.5	4.5	1.9	0.0	1.4	—	0.2	0.2	0.1	—	—	0.2
NW	40.7	26.5	2.6	0.0	5.4	—	1.1	—	0.3	—	4.0	0.8
RP	5.1	3.1	0.9	0.02	0.7	—	0.1	0.1	0.1	—	—	0.1
SA	1.6	1.1	0.1	0.0	0.2	—	0.1	—	0.02	—	—	0.03
SH	2.1	1.4	0.1	0.0	0.3	—	0.01	0.1	0.1	—	—	0.1
BE	6.7	4.4	0.8	—	0.6	—	0.2	0.1	0.2	—	—	0.4
BR	2.1	1.2	0.3	0.02	0.4	—	0.1	—	—	—	—	0.02
HA	4.8	2.2	1.0	0.03	1.1	—	0.2	0.2	0.1	—	—	0.1

¹⁾ Two-year full-time school awarding subject-restricted higher education entrance qualification

²⁾ Secondary schools offering general as well as vocational education to pupils aged 16 to 19

³⁾ Not falling within the responsibility of the Ministers of Education

2 Schools

Foreign Pupils in General Education Schools in 1987 according to Type of School and Nationality

No.	Country of Origin	Foreign Pupils									
		Total	of which								
			Pre-schools Classes	School- Kinder- gartens	Primary Schools	Secondary General Schools ¹⁾	Intermediate Schools	Grammar Schools	Integrated Comprehensive Schools/Free Waldorf Schools	Evening Schools/Educational Colleges	Special Schools
1	Europe	613681	3825	6348	235556	197260	53352	52249	25984	1827	37280
2	EC-Member States	152724	409	1128	54731	49940	15237	16481	5322	532	8944
	of which										
3	Belgium	1334	2	5	402	239	151	416	45	14	60
4	Denmark	835	40	1	236	116	129	266	33	4	10
5	France	3350	17	17	1042	386	208	1368	167	48	97
6	Greece	37398	82	163	12336	13847	3684	4643	1123	106	1414
7	Great Britain ¹⁾	5116	27	19	1820	904	536	1307	311	45	147
8	Ireland	183	1	1	68	26	17	56	5	4	5
9	Italy	70470	117	756	28296	23994	5718	3632	2221	138	5598
10	Luxembourg	147	—	—	33	26	17	60	1	4	6
11	Netherlands	4420	12	13	963	1052	744	1253	165	53	165
12	Portugal	11667	66	55	3706	4081	1472	1164	490	41	592
13	Spain	17804	45	98	5829	5269	2561	2316	761	75	850
14	Other Countries of which	460957	3416	5220	180825	147320	38115	35768	20662	1295	28336
15	Yugoslavia	93039	398	522	35070	27339	12560	10220	2858	133	3939
16	Austria	9221	10	8	1850	1292	1170	4309	335	67	180
17	Switzerland	952	3	1	171	83	82	496	89	19	8
18	Turkey	344643	2911	4605	138756	116639	23253	16925	16761	859	23934
19	Africa	21351	65	456	10232	5786	1183	1113	974	262	1280
20	America	7735	88	29	1920	758	666	2907	1165	100	102
21	Asia	34593	386	429	14799	6785	2325	6425	1698	947	799
22	Australia and Oceania	237	3	—	72	19	17	107	14	2	3
23	All Countries Number	707585	4876	7488	277837	218126	59768	64312	30972	3235	40971
24	Per Cent ²⁾	10.4	15.7	23.0	12.0	19.2	6.5	4.0	12.7	7.8	16.1

¹⁾ Including Northern Ireland

²⁾ In per cent of all pupils of the respective Type of School

³⁾ Including orientation stage independent of school type

Schools

Foreign Pupils in Vocational Schools in 1987 according to Type of School and Nationality (cont.)

Foreign Pupils														No.
Total	of which													Schools for nurses, midwives etc. ²⁾
	Part-time Vocational Schools	Pre-vocational Basic Vocational training year	Vocational Extension Schools	Full-time Vocational Schools	Berufs-ober-schulen/Techni-sche (Berufs-fach-schulen)	Fach-ober-schulen	Specialized Grammar Schools	Trade and Technical Schools	Specialized Vocational Academies/Vocational Academies	Kolleg-schule (only in North-Rhine West-phalia) ¹⁾				
125858	84247	12722	304	18810	66	2534	1947	1310	177	3741	2000	1		
38163	26127	2618	82	6437	22	557	646	565	87	1022	698	2		
555	333	26	3	123	2	22	5	30	4	7	22	3		
161	111	6	●	20	—	8	6	5	—	5	15	4		
1037	637	52	2	222	—	16	24	44	24	16	44	5		
7654	5056	476	15	1419	3	102	160	104	12	307	104	6		
1106	705	67	3	190	4	37	21	27	9	43	41	7		
39	22	6	●	3	—	2	2	4	—	—	2	8		
16728	11987	1266	41	2480	11	186	220	178	31	328	165	9		
43	27	1	●	6	●	5	●	1	●	3	4	10		
1968	1262	125	2	355	—	65	35	49	—	75	76	11		
3212	2111	269	5	621	—	37	54	33	—	82	118	12		
5660	3876	324	11	998	2	77	119	90	7	156	107	13		
87695	58120	10104	222	12373	44	1977	1301	745	90	2719	1302	14		
15207	10150	1205	38	2764	11	277	330	105	16	311	214	15		
3668	2441	158	27	455	15	205	94	173	40	60	79	16		
455	249	10	●	100	—	6	25	59	—	6	33	17		
66346	44255	8602	139	8566	14	1390	755	304	11	2310	683	18		
2725	1501	492	8	407	—	94	38	77	3	105	116	19		
1738	936	86	10	382	5	67	86	100	41	25	64	20		
4386	1994	640	14	875	2	366	120	202	18	155	375	21		
67	43	3	●	15	—	3	—	2	1	—	2	22		
137787	90618	14392	354	20863	76	3201	2272	1740	241	4030	2565	23		
5.5	5.1	12.8	3.7	6.9	1.6	4.1	3.7	1.8	2.3	7.0	2.4	24		

¹⁾ Tow-year full-time school a warding subject-restricted higher education entrance qualification

²⁾ Secondary Schools offering general as well as vocational education to pupils aged 16 to 19

³⁾ Not falling within the responsibility of the Ministers of Education

**School-leavers according to Type of Qualification obtained
(Thousands)**

Year	Leavers who have completed compulsory full-time schooling			Leavers who have completed compulsory full-time schooling and Vocational Schools	Leavers with Intermediate School Certificate or Equivalent			
	Total	of which			Total	of which from		
		without	with			General	Voca-	
		Secondary	General School			Education	tional	
		Certificate					Schools	Schools
	Total	of which from Special Schools	Total					
Actual Figures								
1960	468.6	114.0 ¹⁾	18.0	354.6 ¹⁾	—	117.2	102.2	15.0 ¹⁾
1965	563.2	134.6	27.4	422.8	—	131.8	93.8	38.0 ¹⁾
1970	489.1	140.3	33.2	348.8	—	200.1	143.9	56.2
1975	461.6	114.6	42.6	347.1	—	318.0	231.8	86.2
1980	500.8	109.4	37.7	391.4	22.2	422.2	327.8	94.5
1981	454.1	101.0	33.3	353.1	22.7	435.9	337.8	98.1
1982	459.5	96.6	31.6	362.9	21.8	436.3	347.9	88.4
1983	449.7	90.7	29.5	359.0	23.7	443.2	354.3	88.9
1984	427.1	82.9	26.8	344.2	23.9	438.7	359.2	79.5
1985	391.6	71.7	24.3	319.9	22.4	419.7	348.8	70.9
1986	350.4	65.2	21.9	285.2	22.1	393.8	328.0	65.3
1987	323.6	59.0	26.1	264.5	19.2	361.5	304.6	57.0

Forecast (Estimate by the Standing Conference of Ministers of Education of the
Sender: KMK Documentation 99)

Laender: KMK Documentation 99)								
1987	337.4	52.6	19.7	284.8	19.0 ¹⁾	370.8	307.8	63.0 ¹⁾
1988	301.8	47.4	18.4	254.4	19.0 ¹⁾	340.4	282.4	58.0 ¹⁾
1989	272.9	44.6	17.3	228.3	19.0 ¹⁾	304.5	252.5	52.0 ¹⁾
1990	256.1	42.8	16.3	213.6	19.0 ¹⁾	281.7	233.7	48.0 ¹⁾
1991	249.7	41.9	15.7	207.8	18.0 ¹⁾	271.8	225.8	46.0 ¹⁾
1992	246.3	40.4	15.6	205.9	18.0 ¹⁾	268.3	222.3	45.0 ¹⁾
1993	244.4	40.5	15.7	203.9	18.0 ¹⁾	265.9	220.9	45.0 ¹⁾
1984	242.7	40.9	15.7	201.8	19.0 ¹⁾	263.9	218.9	45.0 ¹⁾
1995	247.6	42.6	16.1	205.1	19.0 ¹⁾	259.5	215.5	44.0 ¹⁾
1996	253.6	42.6	16.2	211.0	19.0 ¹⁾	266.8	221.8	45.0 ¹⁾
1997	256.8	42.9	16.4	213.9	19.0 ¹⁾	272.9	226.9	46.0 ¹⁾
1998	253.9	42.6	16.4	211.3	19.0 ¹⁾	273.0	227.0	46.0 ¹⁾
1999	249.9	42.4	16.3	207.5	19.0 ¹⁾	271.9	225.9	46.0 ¹⁾
2000	248.8	42.4	16.2	206.4	19.0 ¹⁾	266.7	221.7	45.0 ¹⁾
2005	260.0	43.2	16.3	216.8	19.0 ¹⁾	277.8	230.8	47.0 ¹⁾
2010	243.5	40.8	15.7	202.7	19.0 ¹⁾	265.4	220.4	45.0 ¹⁾

1) Estimate

**School-leavers according to Type of Qualification obtained
(Thousands) (cont.)**

Leavers with Entrance Qualification for Institutions of Higher Education							Leavers who have completed training in Vocational Schools
Total		University Entrance Qualification		Fachhochschul-Entrance Qualification			
Total	of which from	Total	of which from	Total	of which from		
General Education Schools	Vocational Schools	General Education Schools	Vocational Schools ²⁾	General Education Schools	Vocational Schools		

Actual Figures

56.7	56.7	—	—	56.7	—	—	—	—	● 1960
50.5	50.5	—	—	50.5	—	—	—	—	● 1965
91.5	83.5	8.0	87.2	83.5	3.7	4.3	—	4.3	523.2 1970
175.0	119.7	55.3	126.2	115.4	10.8	48.8	4.3	44.5	511.7 1975
221.7	159.6	62.1	168.5	155.1	13.4	53.2	4.5	48.7	612.8 1980
258.4	186.7	71.7	197.0	181.6	15.4	61.4	5.1	56.3	642.8 1981
286.3	202.6	83.7	214.8	196.7	18.1	71.5	5.9	65.6	660.1 1982
305.7	214.1	91.6	227.7	207.6	20.1	78.0	6.5	71.5	652.7 1983
305.0	216.5	88.5	230.9	210.2	20.7	74.1	6.3	67.8	624.8 1984
298.9	216.2	82.7	230.9	210.1	20.8	68.0	6.1	61.9	624.8 1985
291.4	211.4	79.9	224.5	205.7	18.8	66.8	5.7	61.1	687.8 1986
290.6	207.7	82.9	221.2	202.3	18.8	69.5	5.3	64.1	682.2 1987

Forecast (Estimate by the Standing Conference of Ministers of Education of the Laender; KMK Documentation 99)

Year	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
285.5	209.6	75.9	223.2	204.1	19.1	62.3	5.5	56.8	675.1	1987							
273.4	200.0	73.4	214.1	194.9	19.2	59.3	5.1	54.2	654.0	1988							
256.4	186.4	70.0	200.5	181.6	18.9	55.9	4.8	51.1	607.7	1989							
239.5	175.1	64.4	187.9	170.5	17.4	51.6	4.6	47.0	580.6	1990							
221.2	161.7	59.5	173.5	157.5	16.0	47.7	4.2	43.5	533.2	1991							
201.6	145.3	56.3	156.8	141.4	15.4	44.8	3.9	40.9	494.2	1992							
191.3	137.2	54.1	148.3	133.4	14.9	43.0	3.8	39.2	461.8	1993							
188.7	136.2	52.5	147.0	132.4	14.6	41.7	3.8	37.9	439.1	1994							
186.3	135.0	51.3	145.4	131.2	14.2	40.9	3.8	37.1	424.2	1995							
184.4	133.8	50.6	144.1	130.1	14.0	40.3	3.7	36.6	415.9	1996							
182.4	133.1	49.3	142.5	129.5	13.0	39.9	3.6	36.3	415.0	1997							
180.5	131.0	49.5	140.3	127.4	12.9	40.2	3.6	36.6	416.3	1998							
185.8	135.9	49.9	145.1	132.2	12.9	40.7	3.7	37.0	421.0	1999							
188.3	138.4	49.9	147.6	134.7	12.9	40.7	3.7	37.0	424.5	2000							
185.5	136.1	49.4	145.1	132.3	12.8	40.4	3.8	36.6	422.8	2005							
189.9	140.0	49.9	149.1	136.2	12.9	40.8	3.8	37.0	432.9	2010							

²⁾ Including those with a qualification for their subject of training only

2 Schools

Share of Girls in School-Leavers according to Type of Qualification obtained in Per cent

Year	Leavers from General Education Schools				Leavers who have completed compul- sory full-time schooling and Vocational Schools	Leavers with Intermediate School Certificate or Equivalent		
	Total	of which		Total		Total	of which from	
		without Secondary General Certificate	with General School Certificate				General Education Schools	Voca- tional Schools
		Total	of which from Special Schools				Total	of which from
1967	48.9	44.3	22.0	50.3	—	50.5	52.9	43.8
1968	48.7	43.6	23.9	50.2	—	50.2	52.9	43.0
1969	48.3	43.7	25.4	49.9	—	51.1	52.9	46.9
1970	47.9	44.5	22.6	49.3	—	51.6	52.5	49.3
1971	47.4	40.0	24.5	49.4	—	51.5	52.7	47.7
1972	47.2	41.7	27.2	49.4	—	51.5	52.6	48.1
1973	47.1	41.2	29.3	49.3	—	53.0	54.0	49.9
1974	46.8	41.2	29.7	48.7	—	53.9	54.6	51.9
1975	45.9	40.8	34.0	47.4	—	54.7	54.7	54.6
1976	45.6	40.5	34.5	47.3	16.0	53.7	53.4	55.1
1977	45.5	40.1	37.0	47.1	34.6	54.4	54.5	54.0
1978	45.1	39.7	38.2	46.8	43.8	55.1	55.0	55.6
1979	44.8	39.2	38.7	46.3	44.1	55.4	55.0	57.6
1980	44.1	38.1	40.0	45.8	38.6	55.4	54.7	58.8
1981	44.6	36.2	37.4	46.6	40.1	55.2	54.4	59.7
1982	43.7	38.4	39.0	45.3	34.6	55.0	53.3	60.7
1983	43.9	39.1	38.8	45.2	38.1	54.9	53.8	59.4
1984	43.5	39.2	38.1	44.5	37.2	54.7	53.7	59.5
1985	43.7	39.4	38.6	44.6	37.4	55.0	53.9	60.9
1986	43.6	39.7	38.7	44.4	39.1	53.8	52.9	58.7
1987	43.8	39.8	38.6	44.6	35.9	53.6	53.0	56.9

Schools

Share of Girls in School-Leavers according to Type of Qualification obtained in Per cent (cont.)

Leavers with Entrance Qualification for Institutions of Higher Education

Total			University Entrance Qualification			Fachhochschul-Entrance Qualification			
Total	of which from		Total	of which from		Total	of which from		
	General	Vocati-		General	Vocati-		General	Vocati-	
	Edu- cation Schools	onal Schools		Edu- cation Schools	onal Schools ¹⁾		Edu- cation Schools	onal Schools	
36.5	36.6	27.3	36.5	36.6	27.3	—	—	—	1967
38.1	38.2	32.9	38.1	38.2	32.9	—	—	—	1968
38.5	38.7	28.9	38.5	38.7	28.9	—	—	—	1969
39.4	39.6	33.8	39.4	39.6	33.8	—	—	—	1970
38.0	40.9	24.5	40.8	40.9	39.6	17.5	38.0	17.5	1971
36.1	41.6	20.8	41.5	41.6	34.5	17.9	39.0	17.4	1972
37.1	43.2	23.8	43.2	43.2	35.0	21.1	40.0	21.3	1973
38.8	44.7	25.4	44.7	44.7	36.3	22.6	41.0	22.8	1974
39.9	45.9	26.6	45.9	45.9	39.9	23.5	42.0	23.2	1975
41.7	47.2	28.2	47.2	47.2	38.7	25.7	44.4	25.3	1976
42.8	47.0	31.6	47.2	47.1	40.5	29.5	45.1	29.1	1977
44.3	47.3	36.2	47.5	47.3	40.4	37.6	43.6	35.1	1978
42.9	45.7	36.5	45.8	45.7	38.3	38.7	45.9	36.0	1979
45.4	48.3	38.1	48.5	48.3	38.5	38.5	50.3	37.9	1980
46.4	49.5	38.6	48.6	49.5	39.6	39.4	51.8	38.3	1981
46.3	49.7	37.9	48.9	49.7	40.1	38.6	52.4	37.4	1982
46.4	50.0	38.0	49.1	49.8	41.9	38.4	54.5	36.9	1983
46.9	50.6	37.8	49.6	50.5	42.2	38.4	56.5	36.7	1984
47.4	50.4	39.8	49.3	50.1	40.7	41.2	58.1	39.5	1985
47.4	50.1	40.1	49.2	50.0	40.3	41.4	55.3	40.0	1986
47.2	50.0	40.1	49.1	49.9	40.8	40.9	52.8	39.9	1987

¹⁾ Including those with a qualification for their subject of training only

2 Schools

Teachers¹⁾ and Pupils per Teacher in General Education Schools according to Level and Type of School and Laender

Year Land	Pre-school Level		Primary Level (Classes 1 to 4)	Secondary Level I				
	Pre-schools Classes	School- Kinder- gartens	Primary schools	Integra- ted Com- prehensive Schools/ Free Wal- dorf- Schools	Orientation stage inde- pendent of school type	Second- ary General Schools	Inter- mediate Schools	Orientation stage inde- pendent of school- type ²⁾
Teachers ¹⁾								
1983	1576	2923	110408	1110	14706	95708	61339	14208
1984	1585	2933	110743	1184	14036	92005	60550	14315
1985	1579	2968	111538	1227	14101	88885	59308	14670
1986	1618	2975	112977	1252	14485	84634	57686	15394
1987	1637	3068	115085	1224	15029	80448	56052	16152
BW	—	1117	19060	344	71	12708	11560	1125
BA	—	—	22766	100	52	20128	9474	354
HE	121	360	9600	48	3763	2320	3979	3450
NS	431	276	13862	103	8276	7180	7498	1308
NW	—	929	29279	156	—	25171	13626	5625
RP	2	99	7289	23	—	5799	2877	273
SA	—	61	2071	—	—	1467	932	276
SH	183	130	4431	57	—	3026	3583	239
BE	618	—	3492	90	2013	1114	1025	1885
BR	11	80	1168	14	775	475	536	230
HA	271	16	2067	289	79	1060	962	1387
Pupils per Teacher								
1983	20.0	9.8	21.3	17.8	18.2	16.8	19.8	14.4
1984	19.9	9.7	20.6	17.3	17.1	15.9	18.7	13.8
1985	20.8	9.8	20.2	17.2	16.0	15.0	17.7	13.1
1986	20.6	10.3	20.0	17.4	15.6	14.5	16.9	12.6
1987	20.4	10.6	20.0	18.6	14.8	14.1	16.3	12.2
BW	—	6.3	18.8	16.8	15.5	14.3	15.6	11.8
BA	—	—	18.7	16.1	12.3	14.2	15.4	12.6
HE	18.8	11.1	21.5	16.1	14.1	17.9	18.0	13.2
NS	22.4	11.3	20.0	20.5	15.4	12.6	15.2	10.9
NW	—	14.5	21.6	24.9	—	14.2	18.5	12.7
RP	21.5	12.7	19.4	18.6	—	14.0	16.9	13.1
SA	—	7.3	18.8	—	—	13.1	14.0	13.2
SH	29.1	15.5	21.0	20.0	—	14.4	15.2	13.3
BE	15.6	—	18.1	14.4	14.4	8.8	13.7	10.2
BR	21.3	13.7	18.1	15.1	13.5	11.2	15.3	10.8
HA	22.8	9.9	21.0	17.0	13.7	15.9	15.0	11.6

¹⁾ Full-time teachers and part-time teachers calculated on full-time basis

²⁾ Classes 5 to 10

³⁾ Classes 11 to 13

Source: KMK

Schools

Teachers¹⁾ and Pupils per Teacher in General Education Schools according to Level and Type of School and Laender (cont.)

Secondary Level I		Secondary Level II		Special Schools		Year Land			
Evening Secondary General Schools	Evening Intermediate Schools	Grammar Schools		Orientation stage independent of school type ³⁾	Evening Grammar Schools	Full-time Adult Education Colleges	Classes for children with learning difficulties	Classes for children with other handicaps	
		Classes 5 to 10	Classes 11 to 13						
Teachers ¹⁾									
30	358	69773	54930	2481	1146	1049	19820	20490	1983
26	432	67514	55602	2622	1154	1140	19400	20937	1984
31	439	65345	56606	2562	1164	1126	18562	21580	1985
39	427	64547	55712	2659	1200	1168	18022	21763	1986
42	476	64150	54048	2499	1244	1210	17330	21662	1987
—	76	11489	7438	336	104	64	3020	5055	BW
—	33	11915	8205	64	57	113	2536	3745	BA
1	32	4852	5836	181	249	85	1185	1364	HE
—	—	5804	6601	403	87	94	2760	1453	NS
—	225	18203	15685	806	548	606	4355	6840	NW
—	—	3751	2900	41	—	62	1024	634	RP
—	12	1106	759	3	18	—	257	320	SA
—	37	2817	2240	64	44	—	1020	790	SH
31	29	1728	1805	315	45	168	520	589	BE
6	23	500	875	6	46	—	247	304	BR
4	9	1985	1704	280	46	18	406	568	HA
Pupils per Teacher									
34.3	25.8	18.5	12.2	10.6	14.3	10.6	9.7	5.5	1983
26.2	21.0	17.7	11.8	9.8	14.0	10.1	9.1	5.3	1984
23.9	20.2	17.0	11.3	10.0	14.0	10.1	8.8	5.2	1985
16.1	22.4	16.2	10.9	9.6	14.1	10.0	8.5	5.2	1986
15.7	22.9	15.9	10.7	10.2	14.2	9.9	8.3	5.1	1987
—	24.5	14.0	10.9	10.5	16.8	10.1	7.4	4.1	BW
—	17.9	15.8	10.3	11.0	15.2	10.6	7.3	5.7	BA
30.0	21.5	17.9	9.8	10.3	11.8	10.6	9.1	5.5	HE
—	—	14.6	11.6	10.0	10.3	8.3	7.1	5.3	NS
—	25.3	17.2	11.5	11.2	15.8	10.0	10.4	5.2	NW
—	—	16.8	11.2	10.9	—	9.7	7.5	7.1	RP
—	22.4	14.6	10.2	—	13.5	—	7.2	3.9	SA
—	18.2	15.6	10.7	9.3	12.4	—	8.7	5.4	SH
14.4	20.2	13.5	9.0	8.7	11.2	9.9	6.5	5.7	BE
20.8	15.3	15.2	9.7	14.5	11.9	—	7.2	3.9	BR
14.8	21.4	14.9	10.6	9.2	14.8	9.7	7.2	6.6	HA

Teachers¹⁾ and Pupils per Teacher in Vocational Schools²⁾ according to Level and Type of School and Laender

Year Land	Secondary Level II							
	Voca- tional Schools	Pre-voca- tional Training year	Basic Vocational Training year		Vocational Extension Schools		Voca- tional Schools (Berufs- fach- schulen) Ober- schulen	Berufs- ober- schulen/ (Berufs- fach- schulen) Ober- schulen
	part-time	full-time			part-time	full-time	part-time	full-time
	Teachers ¹⁾							
1983	34331	3666	6434	505	900	57	23511	323
1984	35925	3492	6421	443	699	41	23731	320
1985	37099	3365	6316	435	602	39	23608	306
1986	38079	2952	5828	546	508	37	23051	305
1987	36849	2954	5756	873	673	27	23136	381
BW	5988	443	98	115	81	1	6316	66
BA	6740	486	962	487	391	—	1838	315
HE	3848	314	342	120	15	2	1240	—
NS	3651	614	2271	—	32	—	2936	—
NW	8980	367	1056	—	24	3	6698	—
RP	1985	30	513	95	57	3	1268	—
SA	760	59	156	27	28	15	434	—
SH	1618	77	144	—	15	3	666	—
BE	1247	275	55	—	—	—	462	—
BR	708	73	54	2	8	—	376	—
HA	1324	216	105	27	22	—	902	—
	Pupils per Teacher							
1983	52.1	12.0	13.7	37.1	14.9	39.5	15.1	13.6
1984	51.7	11.5	13.5	36.2	14.7	46.1	14.5	12.4
1985	51.0	10.6	12.6	32.8	13.8	37.8	14.3	11.9
1986	48.7	9.3	11.6	33.3	13.3	36.7	13.8	12.7
1987	48.1	8.6	10.2	32.3	13.2	29.7	13.0	12.2
BW	45.4	9.2	6.4	34.1	15.0	21.0	12.5	17.0
BA	47.5	6.9	9.6	31.6	12.6	—	10.0	11.2
HE	40.8	10.4	14.3	28.9	24.7	19.0	14.2	—
NS	60.6	7.6	9.4	—	13.2	—	14.2	—
NW	52.4	9.6	14.7	—	10.8	6.3	13.8	—
RP	50.8	9.3	9.8	45.6	14.3	68.3	13.1	—
SA	39.7	8.0	11.8	24.4	8.6	23.4	12.5	—
SH	52.3	11.1	12.4	—	16.7	56.0	16.4	—
BE	33.1	7.9	9.2	—	—	—	9.1	—
BR	40.1	10.2	15.3	32.0	13.4	—	13.2	—
HA	36.2	9.0	12.3	11.7	11.6	—	11.6	—

¹⁾ Full-time teachers and part-time teachers calculated on full-time basis

²⁾ Not including schools for nurses, midwives etc

Source: KMK

Teachers¹⁾ and Pupils per Teacher in Vocational Schools²⁾ according to Level and Type of School and Laender (cont.)

Year Land	Secondary Level II							
	Fachoberschulen	Specia- lized Gram- mar Schools	Trade and Technical Schools		Speciali- zed/ Voca- tional Aca- demies	Kollegschule (only in North- Rhine Westphalia)		
	full-time	part-time	full-time		part-time	full-time	part-time	
	Teachers ¹⁾							
1983	4040	762	4633	5215	340	861	983	729
1984	3852	691	4655	5115	406	872	1035	835
1985	3622	769	4762	5253	507	898	1058	844
1986	3730	736	4785	5436	573	927	1089	1053
1987	3926	764	4927	5698	677	945	1102	1058
BW	—	—	2412	1345	92	—	—	—
BA	1138	443	—	1202	59	936	—	—
HE	471	—	673	456	40	—	—	—
NS	452	37	917	722	58	—	—	—
NW	999	231	—	702	288	—	1102	1058
RP	191	20	181	269	60	—	—	—
SA	165	10	—	132	27	—	—	—
SH	63	—	350	321	3	9	—	—
BE	155	3	146	221	32	—	—	—
BR	137	3	—	66	5	—	—	—
HA	155	17	248	262	13	—	—	—
	Pupils per Teacher							
1983	15.1	32.0	13.7	13.6	36.7	10.9	13.5	47.0
1984	13.9	33.2	13.3	13.2	36.4	10.9	13.1	45.4
1985	13.8	30.0	12.8	12.8	33.7	10.5	12.2	46.6
1986	13.7	30.7	12.9	12.8	34.9	9.9	12.3	43.2
1987	13.8	29.6	12.6	12.9	33.8	9.1	12.0	42.0
BW	—	—	12.7	11.9	21.9	—	—	—
BA	10.1	22.7	—	12.3	28.8	8.5	—	—
HE	18.4	—	12.4	14.4	42.8	—	—	—
NS	15.5	44.2	12.8	12.4	25.4	—	—	—
NW	14.4	38.5	—	15.8	35.5	—	12.0	42.0
RP	17.5	33.5	12.2	16.4	44.4	—	—	—
SA	15.0	45.5	—	13.1	50.5	—	—	—
SH	19.4	—	14.8	14.3	55.7	68.7	—	—
BE	12.6	72.0	8.6	9.5	30.5	—	—	—
BR	11.3	42.3	—	11.3	33.4	—	—	—
HA	12.9	30.8	11.1	14.4	29.7	—	—	—

Definitions

Dual System Combination of education and training in a part-time vocational school and training in a company on the basis of a training contract (cf. definitions of vocational schools on page 27)

Vocational Training Act While under the Basic Law of the Federal Republic of Germany the Länder are responsible for vocational education in schools, the Federal Government has legislative competence for vocational training outside schools, in companies or training centres. Vocational training and education outside schools (vocational training, further training and re-training) is regulated on a comprehensive and uniform basis for the whole of the Federal Republic in the Vocational Training Act of 1969.

This Act covers vocational training in industrial, agricultural, commercial and similar enterprises; in the public sector, the liberal professions and in households. Training in companies is supplemented by training and education in centers run by various bodies (e.g. the Employers' Associations, the Chambers and so on).

Training Contracts A training contract is concluded between the trainer (company) and the apprentice on the basis of the Vocational Training Act. The contents of the training and its length together with the examination requirements are laid down in Federal Training Regulations (Ausbildungsordnungen). Training generally lasts 2 to 3 years, usually for 3. However, there are also training courses lasting 3½ years, mostly taking the form of training in stages, e.g. electrical engineering. At present training is available for some 450 recognised occupations.

For training in vocational schools curricula established by Land legislation are to be observed. The Training Regulations for company training and the framework curricula for school training are worked out in a joint procedure according to an agreement between the Federal Government and the Governments of the Länder of 1972.

It is the aim of vocational education and training to provide basic vocational education and the skills and knowledge necessary for the practice of a recognised occupation through specialised vocational training.

Contents

Apprentices	according to Training Fields and Laender	52
	Female Apprentices	53
	in Percentage of the Population of the Same Age	52
	according to Training Fields and Number of Years in Training	54
	in the 25 most acquired Occupations according to Order, Training Field and Sex	55 to 57
	according to Educational Background and Training Fields	59
New Training Contracts	according to Laender	58
	according to Training Fields	54
	in Percentage of the Population aged 16 to under 17	52
Qualifying Examinations	according to Training Fields and Laender	60 to 57
	Female Participants	62 to 63

Apprentices according to Training Fields and Laender (Thousands)

Year Land	Apprentices								New Train-	
	Total	of which in the Training Field						In Per cent of the Po- pulation aged 16 to under 19	Per cent of the Popu- lation aged 16 to under 17	
		Indus- try and Com- merce	Crafts	Agric- ulture	Public Ser- vice ¹⁾	Liberal Pro- fes- sions ²⁾	Dome- stic Science ²⁾			Mari- time Shipp- ing ²⁾
Federal Republic										
1960	1265.9	743.1	446.6	36.3	19.4	20.4	•	•	54.8	•
1965	1331.9	752.4	468.0	37.3	23.7	45.5	•	5.0	57.7	•
1970	1268.7	724.9	419.5	38.1	20.2	56.4	7.2	2.4	53.4	•
1975	1328.9	634.0	504.7	33.0	46.0	103.2	7.3	0.9	48.5	•
1976	1316.6	611.2	510.4	37.4	43.9	106.6	6.8	0.9	46.6	•
1977	1397.4	643.8	556.1	41.0	44.8	103.4	7.2	1.0	47.7	55.1
1978	1517.3	692.0	614.9	45.2	51.7	104.7	7.8	1.0	50.6	61.4
1979	1644.6	748.4	676.2	46.6	53.8	110.4	8.1	1.0	53.1	62.1
1980	1715.5	786.9	702.3	46.8	53.8	114.3	7.6	1.0	53.8	61.9
1981	1676.9	771.3	673.6	46.5	54.3	123.6	6.6	0.9	52.2	58.7
1982	1675.9	764.7	665.5	49.6	58.3	128.5	8.4	0.8	52.2	61.6
1983	1722.4	791.9	674.9	52.0	63.7	129.7	8.8	0.9	54.9	68.9
1984	1800.1	841.1	693.2	53.2	69.2	132.4	9.9	1.0	59.0	73.9
1985	1831.3	874.6	687.5	53.4	72.6	131.5	10.6	1.1	62.9	77.7
1986	1805.2	882.2	657.8	50.2	73.1	129.9	11.0	1.1	66.5	85.5
1987	1738.7	866.0	617.8	44.6	71.7	125.1	12.8	0.8	69.3	84.7
Laender 1987										
BW	262.1	142.0	83.3	7.1	10.4	17.2	2.1	—	66.9	81.8
BA	316.2	148.7	127.4	8.6	8.2	21.6	1.7	—	70.7	84.0
HE	149.0	75.9	50.1	3.1	8.7	10.1	1.2	—	68.0	82.4
NS	209.8	87.1	82.8	7.9	12.8	17.1	1.7	0.4	65.5	82.1
NW	483.4	254.5	163.0	8.9	18.4	35.2	3.4	0.0	70.2	86.2
RP	101.1	46.6	38.8	3.2	3.9	7.4	1.3	—	67.7	83.3
SA	29.8	15.4	10.4	0.6	0.8	2.1	0.4	—	74.4	95.5
SH	76.6	34.5	28.2	3.5	3.5	6.2	0.6	0.2	67.8	80.8
BE	40.3	20.2	13.8	0.7	2.0	3.4	0.1	—	65.2	78.2
BR	24.4	14.4	7.0	0.2	0.8	1.8	0.2	0.0	97.0	120.6
HA	45.9	26.6	13.1	0.8	2.1	2.9	0.1	0.3	87.9	111.8

¹⁾ Not including apprentices whose recognised occupations are registered with other competent bodies under the Vocational Training Act; until 1972 incomplete coverage

²⁾ Incomplete coverage up to 1972

Female Apprentices according to Training Fields and Laender (Thousands)

Year Land	Female Apprentices								In Per cent of the Po- pulation aged 16 to under 19
	Total	of which in Training Field							
		Indus- try and Com- merce	Crafts	Agric- ulture	Public Ser- vice ¹⁾	Liberal Pro- fes- sions ²⁾	Home Econo- mics ²⁾	Mari- time Shipp- ing ²⁾	
Federal Republic									
1960	454.7	327.9	96.6	12.0	1.3	17.0	•	•	41.6
1965	485.2	330.2	101.7	11.4	•	41.9	•	—	43.3
1970	447.4	293.8	81.7	9.2	0.07	55.3	7.2	0.04	38.6
1975	469.9	249.6	96.3	6.3	13.6	96.9	7.3	—	35.3
1976	474.9	240.2	105.6	7.4	13.8	101.1	6.8	—	34.6
1977	510.2	260.0	120.5	8.9	15.5	98.2	7.2	—	35.8
1978	566.4	291.9	137.1	10.5	19.1	100.0	7.8	0.01	38.7
1979	621.6	322.9	152.3	11.2	21.6	105.5	8.1	0.01	41.3
1980	655.0	343.7	157.2	11.8	22.8	109.2	7.5	0.01	42.3
1981	647.8	334.8	151.4	12.6	23.9	118.5	6.6	0.01	41.7
1982	654.0	326.2	154.2	15.1	27.1	123.2	8.3	0.01	42.1
1983	676.2	336.3	160.6	16.3	30.3	124.0	8.7	0.01	44.5
1984	718.9	361.8	171.0	16.5	33.0	126.6	9.9	0.02	48.5
1985	743.8	380.4	175.8	16.8	34.5	125.8	10.6	0.00	52.5
1986	746.2	384.5	175.7	16.0	34.9	124.2	10.9	0.03	56.5
1987	732.0	379.1	171.7	14.4	34.4	119.7	12.6	0.02	59.9
Laender 1987									
BW	112.5	62.1	24.3	2.3	5.0	16.8	2.1	—	58.8
BA	133.8	68.7	36.2	3.0	3.4	20.8	1.7	—	61.3
HE	62.5	32.9	13.0	1.1	4.8	9.6	1.2	—	58.9
NS	88.6	40.2	21.4	2.4	6.5	16.4	1.7	0.00	56.4
NW	201.1	105.7	46.8	3.1	8.6	33.4	3.4	—	60.0
RP	41.5	20.8	10.2	0.8	1.4	7.1	1.2	—	57.1
SA	12.4	6.2	3.2	0.2	0.4	2.1	0.4	—	63.1
SH	33.4	17.1	7.1	0.9	1.8	5.9	0.6	0.00	61.4
BE	16.2	7.8	3.8	0.2	1.1	3.2	0.1	—	54.5
BR	10.5	5.9	2.3	0.1	0.3	1.7	0.2	0.00	86.0
HA	19.5	11.8	3.5	0.3	1.0	2.7	0.1	0.00	75.7

¹⁾ Not including apprentices whose recognised occupations are registered with other competent bodies under the Vocational Training Act; until 1972 incomplete coverage

²⁾ Until 1972 incomplete coverage

Apprentices according to Training Fields and Number of Years in Training

Year	Apprentices						
	Total		of which in Training Year				With new Training Contracts ¹⁾
			1	2	3	4	
	Thousand	Per Cent	Thousand				
Industry and Commerce							
1985	874.6	47.8	265.2	323.1	250.2	36.2	362.4
1986	882.2	48.9	265.0	319.0	261.4	36.8	363.8
1987	866.0	49.8	252.0	315.9	261.1	37.0	347.7
Crafts							
1985	687.5	37.5	192.5	232.9	224.5	37.5	236.7
1986	657.8	36.4	186.1	213.1	220.9	37.6	225.9
1987	617.8	35.5	177.3	202.1	202.1	36.3	211.6
Agriculture							
1985	53.4	2.9	9.8	22.4	21.1	0.1	21.8
1986	50.2	2.8	9.0	20.3	20.9	0.1	20.6
1987	44.6	2.6	7.6	17.6	19.2	0.1	17.3
Public Service							
1985	72.6	4.0	21.8	26.2	24.4	0.1	27.3
1986	73.1	4.1	20.9	27.2	25.0	0.01	26.5
1987	71.7	4.1	19.8	26.1	25.8	—	25.4
Liberal Professions							
1985	131.5	7.2	51.8	54.2	25.3	0.1	55.4
1986	129.9	7.2	50.0	53.6	26.2	0.1	54.2
1987	125.1	7.2	47.2	52.2	25.4	0.3	51.4
Home Economics							
1985	10.6	0.5	2.5	4.3	3.8	0.02	5.1
1986	11.0	0.6	2.8	4.4	3.8	0.1	5.0
1987	12.8	0.7	3.5	5.3	4.0	—	5.5
Maritime Shipping							
1985	1.1	0.1	0.4	0.3	0.3	0.01	0.5
1986	1.1	0.1	0.4	0.4	0.3	0.02	0.4
1987	0.8	0.0	0.2	0.3	0.3	—	0.3
Total							
1981	1676.9	100.0	475.0	615.4	515.3	71.2	620.8
1982	1675.9	100.0	497.9	579.2	521.4	77.4	651.1
1983	1722.4	100.0	543.7	608.6	490.4	79.7	701.2
1984	1800.1	100.0	558.6	649.9	517.2	74.5	723.5
1985	1831.3	100.0	544.1	663.5	549.7	74.1	709.2
1986	1805.2	100.0	534.1	638.0	558.6	74.7	696.4
1987	1738.7	100.0	507.7	619.4	537.9	73.7	659.1

¹⁾ In the 1st, some in 2nd training year, as per 31. 12

Apprentices in the 25 most acquired Occupations according to Order, Training Field and Sex

Recognised Occupation	Training Field	Apprentices					
		1987	1980	1987	1980	1987	1980
		Rank		Number		Per Cent	
Total Number of Apprentices							
Motor-vehicle Mechanic	Cr	1	1	77929	94055	4.5	5.5
Industrial Clerk ²⁾	IC	2	4	67868	57985	3.9	3.4
Hairdresser	Cr	3	3	66219	71129	3.8	4.1
Salesman (Girl) (Stage 1) ²⁾	IC	4	2	63811	92239	3.7	5.4
Office Clerk (Girl)	IC	5	6	61930	51052	3.6	3.0
Bank Clerk (Girl)	IC	6	8	56194	45750	3.2	2.7
Salesman (Girl) in Retail Trade (Stage 2) ²⁾	IC	7	10	53506	44301	3.1	2.6
Clerk in Whole sale and Foreign Trade ²⁾	IC	8	7	50723	50335	2.9	2.9
Salesman (Girl) in Foodstuffs	Cr	9	11	49220	44011	2.8	2.6
Electrical Fitter	Cr	10	5	48784	57623	2.8	3.4
Machining Fitter	IC	11	9	40439	45735	2.3	2.7
Doctor's Receptionist	LP	12	15	35079	35685	2.0	2.1
Painter and Varnisher	Cr	13	13	34944	40321	2.0	2.4
Joiner	Cr	14	12	34602	44006	2.0	2.6
Dentist's Receptionist	LP	15	18	29686	25411	1.7	1.5
Baker	Cr	16	17	28894	27803	1.7	1.6
Gas and Water Fitter	Cr	17	16	28160	34611	1.6	2.0
Cook	IC	18	23	27774	21607	1.6	1.3
Specialized Assistant in Tax Consultancy and Auditing	LP	19	24	23805	20785	1.4	1.2
Fitter	Cr	20	21	23374	22379	1.3	1.3
Clerical assistant ²⁾	IC	21	26	21595	19322	1.2	1.1
Plant Fitter	IC	22	22	21491	21678	1.2	1.3
Gardener	AG	23	28	20247	16710	1.2	1.0
Hotel Specialist	IC	24	14	20152	2830	1.2	0.2
Electronics Technician, Power Plants (Stage 2) ²⁾	IC	25	33	19669	13091	1.1	0.8
rank groups							
rank	1-5			337757	373031	19.4	21.7
rank	6-10			258427	237173	14.9	13.8
rank	11-15			174750	166853	10.1	9.7
rank	16-20			132007	131882	7.6	7.7
rank	21-25			103154	91515	5.9	5.3
rank	1-10			596184	610204	34.3	35.5
rank	1-15			770934	777057	44.3	45.2
rank	1-20			902941	908939	51.9	52.9
rank	1-25			1006095	1000454	57.9	58.2
rank	1-3)			1738687	1715481	100.0	100.0

IC = Industry and Commerce; Cr = Crafts; AG = Agriculture; PS = Public Service; LP = Liberal Professions; HE = Home Economics

¹⁾ Incl. apprentices in industry and commerce with the appropriate qualifications

²⁾ Incl. a small number of apprentices in the crafts

³⁾ All apprentices

3 Vocational Education and Training

Apprentices in the 25 most acquired Occupations according to Order, Training Field and Sex (cont.)

Recognised Occupation	Training Field	Apprentices					
		1987	1980	1987	1980	1987	1980
		Rank	Number	Per Cent			
Male Apprentices							
Motor-vehicle Mechanic	Cr	1	1	77134	93526	7.7	8.8
Electrical Fitter	Cr	2	2	48332	57363	4.8	5.4
Machine Fitter	IC	3	3	39862	45432	4.0	4.3
Painter and Varnisher	Cr	4	6	31889	38130	3.2	3.6
Joiner	Cr	5	4	31674	42398	3.1	4.0
Clerk in Whole sale and Foreign Trade ²⁾	IC	6	8	28475	29495	2.8	2.8
Gas- and Water Fitter	Cr	7	7	27885	34468	2.8	3.3
Bank Clerk	IC	8	15	27205	21320	2.7	2.0
Industrial Clerk ²⁾	IC	9	13	25304	21995	2.5	2.1
Baker	Cr	10	9	24684	26085	2.5	2.5
Fitter	IC	11	12	23159	22297	2.3	2.1
Plant Fitter	IC	12	14	21245	21562	2.1	2.0
Cook	IC	13	18	20040	17829	2.0	1.7
Retail Salesman (Stage 2)	IC	14	19	19501	17297	1.9	1.6
Electronics Technician, Power Plants ²⁾	IC	15	24	19353	13035	1.9	1.2
Tool-maker	IC	16	10	18509	22779	1.8	2.1
Bricklayer ¹⁾	Cr	17	5	17097	39121	1.7	3.7
Butcher	Cr	18	11	16928	22352	1.7	2.1
Central Heating and Ventilation Fitter	Cr	19	16	14358	18824	1.4	1.8
Salesman (Stage 1) ²⁾	IC	20	20	14222	17197	1.4	1.6
Communications Electronics Technician, Telecommunications, Technology	PS	21	29	13725	11259	1.4	1.1
Mechanic	IC	22	23	13249	13342	1.3	1.3
Gardener	AG	23	26	12552	11598	1.2	1.1
Office Clerk	IC	24	30	12291	9340	1.2	0.9
Agricultural Worker	AG	25	17	11453	18774	1.1	1.8

rank groups

rank	1-5	228891	277840	22.7	26.2
rank	6-10	133553	150957	13.3	14.2
rank	11-15	103298	109526	10.3	10.3
rank	16-20	81114	89921	8.1	8.5
rank	21-25	63270	58574	6.3	5.5
rank	1-10	362444	428797	36.0	40.4
rank	1-15	465742	538323	46.3	50.7
rank	1-20	546856	628244	54.3	59.2
rank	1-25	610126	686818	60.6	64.7
rank	1-3)	1006644	1060472	100.0	100.0

3 Vocational Education and Training

Apprentices in the 25 most acquired Occupations according to Order, Training Field and Sex (cont.)

Recognised Occupation	Training Field	Apprentices					
		1987	1980	1987	1980	1987	1980
		Rank	Number	Per Cent			
Female Apprentices							
Hairdresser	Cr	1	2	61585	67690	8.4	10.3
Office Clerk	IC	2	4	49639	41712	6.8	6.4
Salesgirl (Stage 1) ²⁾	IC	3	1	49589	75039	6.8	11.5
Salesgirl in Foodstuffs Industrial Clerk ²⁾	Cr	4	3	48591	43690	6.6	6.7
Doctor's Receptionist	LP	5	5	42564	35990	5.8	5.5
Retail Saleswoman (Stage 2) ²⁾	IC	6	6	35035	35662	4.8	5.4
Dentist's Receptionist	LP	7	7	34005	27004	4.6	4.1
Bank Clerk	IC	8	8	29670	25403	4.1	3.9
Clerk in Whole sale and Foreign Trade ²⁾	IC	9	9	28989	24430	4.0	3.7
Office Girl ²⁾	IC	10	10	22248	20840	3.0	3.2
Specialized Assistant in Tax Consultancy and Auditing	LP	11	11	21432	19183	2.9	2.9
Hotel Specialist	IC	12	12	19442	16705	2.7	2.6
Office Clerk	IC	13	40	18450	2682	2.5	0.4
Home Economics Staff	Cr	14	15	14468	11547	2.0	1.8
Employee in Public Administration	AG/HE	15	14	13866	12119	1.9	1.9
Solicitor's Clerk	PS	16	20	13314	8276	1.8	1.3
Solicitor's or Notary Clerk	LP	17	16	13012	10402	1.8	1.6
Florist	LP	18	13	12473	12601	1.7	1.9
Technical Draughts woman ²⁾	IC	19	21	9855	8078	1.3	1.2
Pharmacist's Assistant	IH	20	22	9011	7654	1.2	1.2
Cook	LP	21	17	8313	9509	1.1	1.5
Gardener	IC	22	31	7734	3778	1.1	0.6
Dressmaker (Stage 2) ²⁾	AG	23	24	7695	5112	1.1	0.8
Ladies' Tailoress	IC	24	18	6636	9270	0.9	1.4
	CR	25	25	6509	4628	0.9	0.7

rank groups

rank	1-5	251968	264121	34.4	40.3
rank	6-10	149947	133339	20.5	20.4
rank	11-15	87658	72155	12.0	11.0
rank	16-20	57655	45535	7.9	7.0
rank	21-25	36887	23854	5.0	3.6
rank	1-10	401915	397460	54.9	60.7
rank	1-15	489573	469615	66.9	71.7
rank	1-20	547228	515150	74.7	78.7
rank	1-25	584115	539004	79.8	82.3
rank	1-3)	732043	655009	100.0	100.0

Vocational Education and Training

New Training Contracts according to Laender (Thousands)

Year Land	New Training Contracts ¹⁾		Open Training Places	Unplaced Applicants	Total Supply of	Total Demand for
	Total	of which				
		for the 1. Training Year	with Short- tened Training Period		Training Places ²⁾	
Federal Republic						
1975	462.0	•	•	18.2	23.5	480.2 485.5
1976	495.8	432.6	66.2	18.1	27.7	513.9 523.5
1977	558.4	469.1	89.3	25.5	27.0	583.9 585.4
1978	601.7	503.3	96.1	22.3	23.8	624.0 625.5
1979	640.3	531.1	109.1	36.9	19.7	677.2 660.0
1980	650.0	528.3	121.7	44.6	17.3	694.6 667.3
1981	605.6	479.4	126.2	37.3	22.1	643.0 627.8
1982	631.4	496.2	135.2	20.0	34.2	651.4 665.5
1983	676.7	532.5	144.2	19.6	47.4	696.4 724.1
1984	705.6	557.9	147.7	21.1	58.4	726.7 764.0
1985	697.1	546.8	150.3	22.0	58.9	719.1 756.0
1986	685.2	543.8	141.4	31.2	46.3	716.3 731.4
1987	645.8	512.2	133.6	44.5	33.9	690.3 679.7
Laender 1987						
BW	99.0	77.3	21.7	10.1	2.8	109.0 101.8
BA	114.6	91.9	22.7	16.5	3.3	131.1 117.9
HE	56.2	46.1	10.1	3.3	2.0	59.5 58.2
NS	77.5	51.4	26.1	2.6	6.9	78.9 83.2
NW	180.5	152.2	28.3	6.6	13.0	187.1 193.5
RP	37.8	28.7	9.1	2.7	1.6	40.5 39.4
SA	10.8	7.3	3.5	0.7	0.6	11.5 11.4
SH	28.4	23.2	5.2	1.1	0.6	29.5 29.0
BE	14.7	13.5	1.2	0.5	0.8	15.2 15.4
BR	9.0	7.5	1.5	0.09	1.3	10.4 11.6
HA	17.2	13.1	4.1	0.4	1.0	17.6 18.2

¹⁾ From 1976, as of: Sept. 30th; up to 1975 calculated on the basis of vocational training statistics

²⁾ New training contracts plus open training places or unplaced applicants

Vocational Education and Training

Apprentices according to Educational Background and Training Fields in Per Cent

Type of Qualification	Year	Apprentices							
		Total ¹⁾	Apprentices Training for an Occupation in:						
			Industry and Commerce	Crafts ²⁾	Agri- culture	Public Service	Pro- fessions	Home Economics ³⁾	
			Trades	Industry					
Without Secondary General School Certificate	1984	1.9	0.8	2.8	3.9	2.8	0.1	0.1	5.2
	1985	1.6	0.7	2.1	3.8	1.7	0.1	0.2	5.2
	1986	1.5	0.6	1.9	3.9	1.7	0.1	0.1	6.8
	1987	1.7	0.7	2.0	4.4	3.1	0.0	0.2	13.9
Secondary General School Certificate	1984	32.7	24.0	41.6	50.1	36.4	11.5	10.7	36.2
	1985	31.0	21.9	39.4	51.7	32.2	11.4	10.0	41.6
	1986	29.9	20.9	38.3	52.5	27.0	11.0	10.2	37.2
	1987	28.7	20.8	37.9	54.4	23.6	11.4	11.1	35.1
Intermediate School Certificate or Equivalent	1984	35.7	35.5	37.4	22.3	27.6	55.5	60.2	10.4
	1985	36.1	34.9	39.3	20.7	25.8	55.1	62.1	11.1
	1986	36.1	34.4	40.3	20.1	25.4	54.5	60.9	14.2
	1987	34.7	33.8	40.8	19.3	24.2	53.6	59.9	11.2
University and Fach- hochschule Entrance Qualification	1984	12.5	20.5	5.4	5.1	14.8	11.7	16.1	4.6
	1985	14.1	23.0	6.6	5.3	15.2	14.2	16.3	1.8
	1986	15.1	25.0	6.8	5.2	14.3	15.6	17.1	1.2
	1987	15.0	25.8	6.8	5.1	13.8	16.3	16.8	1.0
Basic Vocational Training Year	1984	5.9	2.5	5.9	9.8	15.3	15.1	0.5	20.6
	1985	5.8	2.6	5.5	9.5	20.1	13.1	0.5	13.9
	1986	5.8	2.7	5.6	9.0	25.9	11.3	0.6	13.5
	1987	5.4	2.7	5.5	8.2	24.4	10.7	0.6	10.0
Vocational School	1984	10.6	16.3	5.9	7.6	2.9	6.0	11.9	18.9
	1985	10.8	16.6	6.2	7.5	4.7	6.0	10.6	23.3
	1986	10.8	16.1	6.1	7.6	5.4	7.6	10.8	22.3
	1987	10.4	16.0	6.0	7.1	5.4	8.0	11.2	22.1
Pre-vocational Training year	1984	0.7	0.3	1.0	1.2	0.2	0.0	0.5	3.9
	1985	0.7	0.3	1.0	1.4	0.2	0.1	0.3	3.1
	1986	0.7	0.3	1.0	1.7	0.4	0.0	0.2	4.8
	1987	0.7	0.3	0.9	1.6	0.4	0.1	0.1	6.8
Total Number	1984	1270708	483479	342682	242296	43777	67897	82310	7858
	1985	1313794	508495	352726	230651	48549	71817	91466	9599
	1986	1311863	514089	354366	218964	48032	71859	94238	9908
	1987	1284886	507483	346426	205044	43315	71108	99716	11529
Educational Background (not stated ⁴⁾)	1984	6.3	1.7	1.9	3.0	17.8	1.9	37.8	20.9
	1985	4.8	1.5	1.5	2.5	9.1	1.1	30.4	9.8
	1986	4.4	1.6	1.5	3.1	4.4	1.7	27.4	9.7
	1987	3.5	1.3	1.5	3.1	2.8	0.8	20.3	8.2
Grand Total	1984	1356670	491810	349271	249761	53247	69243	132392	9934
	1985	1379904	516397	358217	236684	53396	72620	131458	10641
	1986	1372759	522477	359708	225941	50247	73130	129871	10978
	1987	1331620	514352	351611	211552	44553	71675	125055	12557

¹⁾ Including apprentices in the field of sea traffic

²⁾ New training contracts only

³⁾ In urban areas ⁴⁾ Including apprentices with other educational background and those not counted

Vocational Education and Training

Qualifying Examinations taken by Apprentices according to Training Fields and Laender (Thousands)

Year Land	Examination candidates (Total)							
	Total		of which in Training Field					
			Industry and Commerce		Crafts		Agriculture	
	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed
Federal Republic								
1960	•	•	284.6	248.5	164.5	150.4	13.5	13.5
1965	•	•	251.8	214.4	130.5	116.3	7.5	7.5
1970	•	•	282.6	246.5	130.2	113.3	17.3	17.3
1975	536.1	460.7	316.7	275.5	143.0	116.0	11.9	11.2
1976	551.7	477.1	297.0	263.7	173.1	139.8	13.3	12.4
1977	533.8	470.4	284.0	256.3	165.4	136.3	15.6	14.5
1978	539.0	483.6	287.6	262.3	169.4	145.5	17.5	16.1
1979	555.1	503.7	297.1	273.6	174.0	152.2	18.9	17.5
1980	623.7	567.3	325.3	300.2	208.1	182.8	21.2	19.8
1981	667.0	603.4	346.6	319.7	227.1	197.1	20.7	19.2
1982	693.7	620.4	358.0	326.3	240.7	206.4	20.1	18.8
1983	692.1	616.4	351.1	318.8	237.6	202.5	22.0	20.5
1984	677.5	604.8	349.1	319.0	221.8	187.8	23.3	21.7
1985	705.5	632.5	367.3	337.4	228.2	194.2	22.4	20.7
1986	750.9	675.0	394.9	362.4	239.3	204.8	24.0	22.3
1987	758.0	680.1	402.6	368.7	237.3	201.9	23.6	21.9
Laender 1987								
BW	112.9	107.0	61.5	59.0	35.7	32.7	3.4	3.2
BA	138.6	125.4	69.5	63.7	48.9	42.6	4.8	4.5
HE	63.0	55.9	34.3	31.4	18.3	14.7	1.7	1.6
NS	95.8	85.1	46.4	41.8	31.6	26.7	4.6	4.4
NW	205.3	181.7	114.1	104.0	59.6	49.5	5.1	4.6
RP	45.3	40.6	23.4	21.5	14.7	12.3	1.5	1.3
SA	13.7	12.0	7.5	6.9	4.3	3.5	0.3	0.2
SH	34.0	30.0	16.7	14.7	11.0	9.3	1.6	1.6
BE	17.6	14.4	9.9	8.4	4.7	3.6	0.3	0.2
BR	11.2	9.6	7.1	6.1	2.7	2.2	0.1	0.1
HA	20.5	18.4	12.3	11.2	5.7	4.8	0.3	0.3

Vocational Education and Training

Qualifying Examinations taken by Apprentices according to Training Fields and Laender (Thousands) (cont.)

Year Land	Examination candidates (Total)							
	Total		of which in Training Field					
			Public Service		Liberal Professions		Home Economics	
	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed
Federal Republic								
1960	•	•	•	•	•	•	•	•
1965	•	•	•	•	•	•	•	•
1970	•	•	•	•	•	•	•	•
1975	20.4	18.3	39.4	35.3	4.0	3.8	0.7	0.6
1976	20.9	18.8	42.8	38.0	4.5	4.3	—	—
1977	16.8	16.0	46.0	41.7	5.5	5.2	0.4	0.3
1978	14.4	13.6	43.7	40.0	6.0	5.8	0.4	0.4
1979	16.1	15.2	41.9	38.6	6.6	6.3	0.5	0.4
1980	18.7	17.9	43.8	40.4	7.1	6.7	0.4	0.4
1981	19.5	18.7	46.6	42.6	6.1	5.7	0.5	0.4
1982	19.8	18.8	50.1	45.4	4.5	4.2	0.5	0.4
1983	21.5	20.5	53.5	48.4	5.7	5.4	0.5	0.4
1984	23.0	21.8	53.9	48.7	6.0	5.5	0.4	0.3
1985	25.2	23.7	55.3	50.2	6.6	6.1	0.4	0.4
1986	27.6	26.2	55.9	51.2	8.7	7.8	0.5	0.4
1987	28.2	26.8	54.6	50.1	11.2	10.3	0.4	0.3
Laender 1987								
BW	4.0	3.9	7.3	7.1	1.1	1.0	—	—
BA	3.2	3.0	9.3	8.7	2.9	2.8	—	—
HE	3.3	3.2	4.4	4.1	1.0	0.9	—	—
NS	5.0	4.7	6.9	6.4	1.2	1.0	0.1	0.1
NW	7.8	7.3	15.7	13.8	3.0	2.6	—	—
RP	1.5	1.4	3.2	3.0	1.1	1.0	—	—
SA	0.3	0.3	1.1	1.0	0.2	0.1	—	—
SH	1.3	1.2	2.7	2.6	0.6	0.6	0.1	0.1
BE	0.8	0.8	1.8	1.4	0.1	0.1	—	—
BR	0.4	0.3	0.8	0.7	0.1	0.1	0.1	0.1
HA	0.7	0.6	1.4	1.4	0.1	0.1	0.1	0.1

Vocational Education and Training

Qualifying Examinations taken by Apprentices according to Training Fields and Laender (Thousands)

Year Land	Examination candidates (Female)							
	of which in Training Field							
	Industry and Commerce				Crafts		Agriculture	
	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed

Federal Republic

1978	215.6	194.6	124.5	111.8	33.5	29.6	4.7	4.4
1979	230.9	210.5	136.3	123.5	36.7	33.1	5.4	5.1
1980	260.4	238.4	153.1	139.2	45.7	41.7	6.2	5.9
1981	277.0	252.6	163.4	148.8	49.3	44.2	5.9	5.6
1982	286.7	258.1	169.8	152.0	51.3	45.8	4.9	4.6
1983	287.9	258.3	163.3	145.7	50.9	44.8	7.0	6.7
1984	284.6	255.9	160.1	144.1	48.5	42.1	7.6	7.3
1985	300.8	272.3	168.5	152.9	53.2	46.8	7.3	6.9
1986	324.4	293.8	184.4	166.8	57.1	50.5	7.7	7.2
1987	331.5	300.6	189.1	170.8	57.8	51.4	7.6	7.2

Laender 1987

BW	48.6	46.7	28.9	27.7	8.6	8.1	1.0	1.0
BA	61.6	56.7	34.5	31.5	12.3	11.3	1.6	1.5
HE	27.7	25.0	15.7	14.1	4.3	3.7	0.6	0.6
NS	42.4	37.9	23.3	20.4	7.3	6.5	1.5	1.4
NW	89.1	79.2	51.0	45.6	15.1	13.0	1.7	1.5
RP	19.9	18.2	11.6	10.5	3.3	2.9	0.4	0.3
SA	5.7	5.1	3.2	2.9	1.1	0.9	0.1	0.1
SH	15.4	13.7	8.5	7.3	2.6	2.3	0.5	0.5
BE	7.7	6.3	4.1	3.4	1.3	1.0	0.1	0.1
BR	4.5	3.9	2.8	2.3	0.7	0.6	0.0	0.0
HA	8.9	8.1	5.6	5.1	1.3	1.2	0.1	0.1

Vocational Education and Training

Qualifying Examinations taken by Apprentices according to Training Fields and Laender (Thousands) (cont.)

Year Land	Examination candidates (Female)							
	of which in Training Field							
	Public Service		Liberal Professions		Home Economics		Maritime Shipping	
	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed	Total	Pas- sed

Federal Republic

5.4	5.0	41.5	38.0	6.0	5.8	—	—	1978
5.8	5.5	40.1	37.0	6.6	6.3	0.01	0.01	1979
7.3	7.0	40.9	37.9	7.1	6.6	0.00	0.00	1980
7.7	7.3	44.8	40.9	6.1	5.7	—	—	1981
8.1	7.7	48.1	43.7	4.5	4.2	0.02	0.02	1982
9.5	9.1	51.5	46.6	5.7	5.4	0.01	0.01	1983
10.6	10.0	51.8	46.8	5.9	5.5	—	—	1984
12.1	11.4	53.2	48.3	6.6	6.0	—	—	1985
13.1	12.4	53.6	49.0	8.7	7.8	0.01	0.01	1986
13.5	12.9	52.3	48.1	11.2	10.2	0.01	0.01	1987

Laender 1987

1.9	1.9	7.1	6.9	1.1	1.0	—	—	BW
1.3	1.2	9.0	8.4	2.9	2.8	—	—	BA
1.9	1.8	4.2	3.9	1.0	0.9	—	—	HE
2.6	2.4	6.6	6.1	1.2	1.0	0.0	0.0	NS
3.5	3.3	14.9	13.2	3.0	2.6	—	—	NW
0.6	0.6	3.0	2.9	1.0	1.0	—	—	RP
0.1	0.1	1.0	0.9	0.2	0.1	—	—	SA
0.6	0.6	2.6	2.4	0.6	0.6	0.0	0.0	SH
0.5	0.5	1.7	1.3	0.1	0.1	—	—	BE
0.1	0.1	0.7	0.7	0.1	0.1	0.0	0.0	BR
0.3	0.3	1.4	1.3	0.1	0.1	0.0	0.0	HA

Definitions

Institutions of Higher Education

include all institutions (public and private) as defined in the higher education act of the Land concerned. Their aim is to foster and develop the sciences and the arts through research, teaching and studies and to prepare students for occupations which require the application of scientific knowledge and methods or creative ability in the artistic. They include the following types of institution: universities, colleges of education, colleges of art and music and "Fachhochschulen" (cf. definition below).

Universities

include universities, technical universities, comprehensive universities, colleges of education and other institutions of similar standing (e.g. colleges of medicine, colleges of theology). They offer 4-to-5-year courses in academic disciplines.

Studies at a university, college of theology or college of education and some courses at comprehensive universities require the general or the subject-restricted university entrance qualification.

Comprehensive universities provide both university-type and "Fachhochschule"-type courses; some also offer courses in art. Courses can be integrated (short and long courses based on common introductory classes) or remain separated (in the case of co-operative comprehensive universities).

Colleges of education have the status of universities: the students at such colleges can be awarded doctor's degree and in some cases, also "Habilitation". Their main purpose is the training of teachers. Colleges of education are independent institutions only in the Laender of Baden-Württemberg and Schleswig-Holstein. In most cases they are part of a university or comprehensive university and are shown under that category. Students normally take three or four year courses.

Colleges of theology include the institutions maintained by the Churches as well as the state-maintained colleges of philosophy and theology they do not include the departments of theology at universities.

Colleges of Art and Music

offer courses in the visual arts, design, music, film and television. Entrance conditions vary; students may be accepted on proof of ability or after taking a qualifying examination. Courses last 4 to 5 years, as a rule.

"Fachhochschulen" (not including Colleges of Public Administration)

"Fachhochschulen" have developed from the former "Höhere Fachschule" and "Ingenieurschule". For entrance, a "Fachoberschule" certificate is required. By the successful conclusion of a "Fachhochschule" study course, the student also acquires the general entrance qualification for institutions higher education (see definitions of schools on pages 26-27).

Colleges of Public Administration

are a special type of "Fachhochschulen" run by the public administration of the Federal Government and the Laender, to provide training for young people who wish to pursue the medium-level non-technical career within the public sector.

Students

are enrolled full-time students. Students on sabbatical, guest students and part-time students are not included.

New Entrants

are students in their first higher education semester at a university or other institution of higher education in the Federal Republic. The data refer to "study years". One study year is the summer and the following winter semester.

Semesters in Higher Education

are semesters spent entirely at a university or other institution of higher education. They have not necessarily been devoted to the subject the student is studying during the semester of the survey.

Subject-related Semesters

are semesters devoted to the subject for which the student is enrolled in the semester of the survey. They may include semesters devoted to other subjects or courses where these are credited for the examination course. The number of students in their first subject-related semester is higher than the number of first-year students because it includes students who have changed courses.

Final Examinations

are shown on the basis of information provided by the examination boards of the institutions of higher education and the state and church examining bodies.

A course of study at a university is normally concluded with a state examination (e.g. for the teaching profession), a university diploma examination or a master's examination.

Qualification for a doctor's degree in most cases requires a previous final qualification in higher education. In some cases however, the doctor's degree can be awarded as the first university degree. Studies at Fachhochschule are concluded with a diploma examination (FH). Studies at colleges of art in some cases are concluded by a diploma or a state examination, in other cases students do not take a formal examination.

Definitions (cont.)

Staff

includes academic and artistic personnel and technical, administrative and other staff.

The academic and artistic personnel includes in addition to teachers at an institution of higher education in the narrower sense (professors, senior lecturers etc.) persons with at least teaching commission, consultants, senior engineers, academic assistants and employees, persons engaged for special teaching tasks (e.g. musical instruments, workshop instructors), persons holding a part-time appointment, tutors and assistants who are no longer registered as students.

The technical staff includes, for example, engineers, technical assistants, technicians and craftsmen, while the administrative staff includes civil servants and employees in the central and faculty administrations and libraries; other staff includes porters, caretakers, gardeners and so on.

Field of Study

is a group of related subjects in which a complete course of study is possible under current examination regulations.

Areas of Study

are groups containing several of the above fields of studies.

	Contents	
Institutions of Higher Education	according to Type of Institution and Laender	66
	Sequence according to Student Number	67
Students/ New Entrants	according to Type of Institutions of Higher Education	68 to 69
	Female	70 to 71
	Forecast according to Type of Institutions of Higher Education	72 to 73
	in Percentage of the Population of the same Age	68 to 71
	according to Areas of Study	74, 75, 78, 79
	aiming at Qualification for the Teaching Profession	76, 77, 80, 81
	abroad according to Country	90 to 91
	according to Type of Entrance Qualification and Type of Institution	82 to 85
German Students in their First University Semester	according to Type and Year of Entrance Qualification, Type of Higher Education Institution and Sex	82 to 83
	according to Father's Occupational Status and Type of Institutions of Higher Education	86
	according to Type of Entrance Qualification and Type of Institutions of Higher Education	87
Foreign Students	according to Type of Institutions of Higher Education and Nationality	88 to 89
Examinations	according to Type of Examination and Laender	92
	Female	93
	Forecast according to Type of Institutions of Higher Education	72 to 73
	according to Areas of Study and Type of Examination	94
	Female	95
Staff	according to Rank and Type of Institutions of Higher Education	96 to 99
	according to Type of Institutions of Higher Education and Areas of Study	100
Duration of Study	of German Students with Passed Examinations according to Type of Institutions of Higher Education, Sex and Age	101

4 Higher Education

Institutions of Higher Education according to Type of Institution and Laender

Land	Winter- se- me- ster	Institutions of Higher Education							
		Total	of which						
			Compre- hensive Univer- sities	Univer- sities	Colleges of Edu- cation	Colleges of Theology	Colleges of Art and Music	Fach- hoch- schulen	Colleges of Public Admini- stration
BW	1975	56	—	9	10	—	7	28	2
	1987	61	—	9	7	1	7	31	6
BA	1975	28	4	7	—	2	5	10	—
	1987	32	—	11	—	3	5	12	1
HE	1975	22	1	4	—	4	3	10	—
	1987	24	1	4	—	3	3	9	4
NS	1975	21	—	8	1	—	2	10	—
	1987	24	—	10	—	—	2	11	1
NW	1975	39	6	9	3	3	4	11	—
	1987	48	6	10	—	6	6	16	4
RP	1975	8	—	3	1	1	—	3	—
	1987	14	—	6	—	2	—	3	3
SA	1975	5	—	1	1	—	1	2	—
	1987	5	—	1	—	—	1	2	1
SH	1975	9	—	2	2	—	1	4	—
	1987	12	—	3	2	—	1	5	1
BE	1975	11	—	2	1	1	1	5	1
	1987	10	—	2	—	1	1	5	1
BA	1975	7	—	1	—	—	—	6	—
	1987	5	—	1	—	—	—	3	1
HA	1975	7	—	3	—	—	2	2	—
	1987	9	—	4	—	—	2	2	1
BG	1975	213	11	49	19	11	26	94	3
	1980	229	9	55	13	11	26	95	20
	1981	234	9	55	13	12	26	96	23
	1982	234	9	56	13	11	26	94	24
	1983	238	9	57	13	15	26	94	24
	1984	238	9	58	13	15	26	95	24
	1985	241	8	59	11	15	26	98	24
	1986	242	7	61	10	16	28	99	24
	1987	244	7	61	9	16	28	99	24

Higher Education

Sequence of Institutions according to Student Number

Institutions of Higher Education	Students in Year ¹⁾					
Sequence according to Student Number in 1987	1975	1980	1987	1975	1980	1987
	Thousands			Per Cent		
Universities and Colleges of Art and Music						
1- 5	147.4	196.6	250.8	21.2	23.3	23.2
1- 10	258.5	335.4	415.1	37.2	39.8	38.4
1- 15	349.0	442.0	547.1	50.2	52.5	50.6
1- 20	422.6	526.2	655.6	60.8	62.5	60.6
1- 25	483.7	594.9	745.0	69.5	70.6	68.8
1- 30	533.9	656.1	823.5	76.8	77.9	76.1
1- 35	566.4	706.3	888.1	81.4	83.9	82.1
1- 40	594.7	741.8	940.4	85.5	88.1	86.9
1- 45	616.0	764.4	980.9	88.6	90.8	90.6
1- 50	632.6	781.7	1010.2	91.0	92.8	93.4
1- 75	678.9	826.3	1064.7	97.6	98.1	98.4
1-100	692.9	839.7	1079.0	99.6	99.7	99.7
Total ²⁾	695.5	842.2	1082.2	100.0	100.0	100.0
Fachhochschulen (not incl. Colleges of Public Administration)						
1- 5	32.7	41.7	71.3	23.0	23.8	24.3
1- 10	54.3	67.5	113.1	38.1	38.6	38.6
1- 15	70.8	86.7	147.5	49.7	49.6	50.3
1- 20	84.3	101.2	174.3	59.2	57.8	59.5
1- 25	94.3	114.7	194.7	66.3	65.2	66.4
1- 30	102.4	124.8	211.8	72.0	71.3	72.2
1- 35	109.1	133.4	226.1	76.7	76.3	77.1
1- 40	115.1	140.6	238.4	80.9	80.3	81.3
1- 45	120.5	146.9	249.3	84.6	83.9	85.0
1- 50	124.9	152.0	258.9	87.8	86.9	88.3
1- 75	137.9	169.0	285.2	96.9	96.6	97.3
Total ³⁾	142.3	175.0	293.2	100.0	100.0	100.0

¹⁾ Winter semester

²⁾ 1975 = 116, 1980 = 114, 1987 = 121 institutions of higher education

³⁾ 1975 = 94, 1980 = 95, 1987 = 99 Fachhochschulen

New Entrants according to Type of Institution of Higher Education

Year ¹⁾	New Entrants					
	Total		of which			
			Univer- sities	Colleges of Art and Music	Fachhochsschulen	
	Total	of which Colleges of Public Adminis- tration				
Thousand					Per Cent ²⁾	Thousand
German and Foreign						
1960	79.4	7.9	60.0	2.6	16.8	—
1965	85.7	13.3	61.3	2.5	21.9	—
1970	125.7	15.4	91.6	3.4	30.5	—
1975	166.6	19.5	119.9	2.8	43.8	1.4
1976	168.1	19.1	119.0	2.6	46.5	3.0
1977	165.5	18.3	118.2	2.7	44.5	3.6
1978	172.5	18.4	125.3	3.3	43.9	4.3
1979	177.7	18.2	125.2	3.0	49.6	7.8
1980	195.0	19.1	135.6	3.1	56.3	11.5
1981	216.6	20.9	151.5	3.0	62.1	11.1
1982	226.1	21.3	155.2	3.1	66.8	10.6
1983	233.0	21.5	160.1	2.9	69.9	9.7
1984	221.3	20.6	151.5	2.9	66.9	9.1
1985	207.7	19.5	141.3	3.0	63.4	9.9
1986	210.8	20.2	142.7	2.7	65.4	10.4
1987	229.7	22.9	155.7	2.7	71.3	11.5
German						
1960	74.2	•	55.6	2.3	16.3	—
1965	80.3	•	57.4	2.1	20.8	—
1970	119.8	•	87.5	2.9	29.4	—
1975	155.9	19.6	111.8	2.3	41.8	1.4
1976	157.4	19.0	110.8	2.1	44.5	3.0
1977	154.7	18.2	109.8	2.2	42.6	3.6
1978	161.4	18.3	116.9	2.6	41.9	4.3
1979	165.3	18.1	115.6	2.5	47.3	7.8
1980	183.2	19.5	126.3	2.6	54.2	11.5
1981	203.7	21.2	141.5	2.6	59.6	11.1
1982	211.9	21.6	145.0	2.6	64.3	10.6
1983	219.7	21.9	149.9	2.5	67.3	9.7
1984	207.0	20.8	140.1	2.4	64.4	9.1
1985	192.9	19.7	129.3	2.4	61.2	9.9
1986	196.7	20.5	131.2	2.3	63.2	10.4
1987	213.4	23.0	142.5	2.2	68.7	11.5

1) Summer and following winter semester

2) In per cent of the average year in the population aged 19 to under 21

Students according to Type of Institution of Higher Education

Year ¹⁾	Students					
	Total		of which			
			Univer- sities	Colleges of Art and Music	Fachhochsschulen	
	Total	of which Colleges of Public Adminis- tration				
	Thousand	Per Cent ²⁾	Thousand			
German and Foreign						
1960	291.1	4.3	238.4	8.5	44.2	—
1965	384.4	6.6	299.7	8.7	76.0	—
1970	510.5	9.5	410.1	10.9	89.5	—
1975	840.8	14.1	680.2	15.4	145.2	2.9
1976	877.3	14.7	705.0	15.3	157.1	5.1
1977	913.3	15.0	732.7	15.4	165.4	10.2
1978	945.9	15.2	756.9	16.2	172.8	13.4
1979	983.6	15.3	784.2	17.0	182.4	18.2
1980	1044.2	15.9	823.9	18.3	202.0	27.0
1981	1121.6	16.4	877.9	19.1	224.7	32.3
1982	1203.1	17.1	931.9	19.9	251.4	35.2
1983	1273.2	18.2	976.6	20.4	276.1	34.5
1984	1314.2	18.0	1001.1	21.0	292.1	33.4
1985	1338.0	18.1	1015.1	21.7	301.3	32.4
1986	1367.7	18.3	1033.2	22.0	312.5	33.1
1987	1410.8	19.1	1060.0	22.2	328.6	35.4
German						
1960	269.3	•	218.6	7.7	43.0	—
1965	357.8	•	276.9	7.6	73.3	—
1970	482.1	•	386.8	9.4	85.9	—
1975	792.1	14.7	640.9	13.1	138.0	2.9
1976	827.4	15.1	665.1	13.1	149.2	5.1
1977	862.1	15.4	691.4	13.2	157.4	10.2
1978	893.7	15.6	715.5	14.0	164.2	13.4
1979	927.0	15.7	739.1	14.7	173.2	18.2
1980	986.3	16.2	777.7	16.0	192.6	27.0
1981	1059.6	16.9	828.7	16.8	214.1	32.3
1982	1136.9	17.6	879.4	17.5	240.0	35.2
1983	1203.6	18.2	921.9	18.1	263.5	34.5
1984	1242.2	18.5	944.8	18.7	278.8	33.4
1985	1263.7	18.6	956.9	19.3	287.5	32.4
1986	1290.5	18.9	972.5	19.7	298.3	33.1
1987	1329.8	19.5	996.4	19.8	313.6	35.4

1) Winter semester

2) In per cent of the population aged 19 to under 26

Female New Entrants according to Type of Institution of Higher Education

Year ¹⁾	Female New Entrants					
	Total		of which		Fachhochschulen	
			Univer- sities	Colleges of Art and Music	Total	of which Colleges of Public Adminis- tration
	Thousand	Per Cent ²⁾	Thousand			
German and Foreign						
1960	21.4	4.4	20.4	1.0	•	—
1965	25.4	8.1	24.4	1.0	•	—
1970	36.2	9.1	34.9	1.3	•	—
1975	61.0	14.6	49.2	1.3	10.5	0.4
1976	58.2	13.5	45.7	1.1	11.4	1.1
1977	64.2	14.6	50.4	1.3	12.5	1.4
1978	68.7	15.1	53.7	1.5	13.5	1.8
1979	69.1	14.5	51.9	1.4	15.8	3.0
1980	78.1	15.8	58.8	1.4	17.9	4.3
1981	90.0	17.9	68.5	1.4	20.1	4.5
1982	90.9	17.7	68.3	1.5	21.1	4.3
1983	88.0	16.8	66.0	1.5	20.6	3.9
1984	85.0	16.3	63.9	1.4	19.7	3.8
1985	82.5	16.0	61.2	1.5	19.8	4.3
1986	84.7	16.6	62.4	1.3	20.9	4.6
1987	92.7	18.9	67.9	1.4	23.2	5.5
German						
1960	20.6	•	19.7	0.9	•	—
1965	24.3	•	23.5	0.8	•	—
1970	34.6	•	33.6	1.1	•	—
1975	57.2	14.7	45.9	1.0	10.3	0.4
1976	54.4	13.5	42.3	0.9	11.2	1.1
1977	60.3	14.5	47.0	1.1	12.2	1.4
1978	64.5	15.0	50.0	1.2	13.3	1.8
1979	64.5	14.5	47.9	1.1	15.4	3.0
1980	73.7	16.0	55.0	1.2	17.5	4.3
1981	85.3	18.2	64.4	1.2	19.7	4.5
1982	85.8	17.9	64.0	1.3	20.6	4.3
1983	82.9	17.0	61.6	1.2	20.1	3.9
1984	79.2	16.3	58.9	1.2	19.2	3.8
1985	76.3	16.0	55.8	1.2	19.3	4.3
1986	78.6	16.7	57.1	1.1	20.3	4.6
1987	85.4	18.9	61.8	1.1	22.4	5.5

¹⁾ Summer and following winter semester

²⁾ In per cent of the average year in the population aged 19 to under 21

Female Students according to Type of Institution of Higher Education

Year ¹⁾	Female Students					
	Total		of which		Fachhochschulen	
			Univer- sities	Colleges of Art and Music	Total	of which Colleges of Public Adminis- tration
	Thousand	Per Cent ²⁾	Thousand			
German and Foreign						
1960	69.7	2.1	66.6	3.2	•	—
1965	96.0	3.4	92.6	3.4	•	—
1970	130.5	5.1	126.5	4.0	•	—
1975	283.2	9.6	243.6	6.5	33.1	0.9
1976	294.2	10.0	251.3	6.5	36.4	1.8
1977	314.2	10.5	266.8	6.8	40.6	3.6
1978	334.1	11.0	281.3	7.3	45.5	4.9
1979	354.1	11.4	295.1	7.7	51.3	6.9
1980	383.2	11.9	315.2	8.5	59.6	10.3
1981	421.9	12.8	345.4	8.9	67.5	12.4
1982	458.4	13.5	373.3	9.4	75.7	13.8
1983	482.0	14.2	391.2	9.8	81.0	13.7
1984	496.1	14.0	401.3	10.2	84.6	13.3
1985	506.6	14.1	409.0	10.6	87.0	13.3
1986	518.4	14.3	417.3	10.9	90.2	13.9
1987	536.3	14.9	429.4	11.0	95.8	15.7
German						
1960	67.4	•	64.5	2.9	•	—
1965	92.2	•	89.3	2.9	•	—
1970	124.8	•	121.4	3.4	•	—
1975	269.8	10.3	232.1	5.4	32.3	0.9
1976	280.4	10.5	239.5	5.5	35.4	1.8
1977	299.8	11.0	254.4	5.8	39.6	3.6
1978	319.1	11.4	268.4	6.2	44.5	4.9
1979	337.5	11.7	280.9	6.5	50.1	6.9
1980	365.9	12.3	300.3	7.3	58.3	10.3
1981	403.4	13.2	329.7	7.8	66.0	12.4
1982	438.3	13.9	356.2	8.2	73.9	13.8
1983	460.6	14.3	373.0	8.6	79.0	13.7
1984	473.6	14.4	382.2	9.0	82.4	13.3
1985	482.9	14.5	388.9	9.4	84.5	13.3
1986	493.2	14.8	395.9	9.6	87.6	13.9
1987	509.2	15.3	406.5	9.8	92.9	15.7

¹⁾ Winter semester

²⁾ In per cent of the population aged 19 to under 26

Forecast of Numbers of Qualified for Higher Education and of New Entrants according to Type of Institution of Higher Education (Thousands)

Year	Qualified for Higher Education		New Entrants	
	Total	of which holding	Total	of which at
		University Entrance Qualification ¹⁾		Universities and Colleges of Art and Music

Actual Figures

1987	290	221	69	230	158	71
------	-----	-----	----	-----	-----	----

Forecast (Estimate by the Standing Conference of Ministers of Education of the Laender; KMK Documentation 103)

1987	287	224	63	191-246	133-173	58-73
1988	275	215	60	186-239	130-169	56-70
1989	259	202	57	177-229	124-162	53-67
1990	242	189	53	169-217	118-154	51-63
1991	223	175	48	158-204	111-145	47-59
1992	204	158	46	147-189	103-134	44-55
1993	193	149	44	138-178	97-126	41-52
1994	191	148	43	132-169	93-120	39-49
1995	189	147	42	129-165	91-117	38-48
1996	186	145	41	128-163	90-116	38-47
1997	185	144	41	126-162	89-115	37-47
1998	183	142	41	125-159	88-113	37-46
1999	188	146	42	125-161	88-114	37-47
2000	190	149	41	126-162	89-115	37-47
2005	187	146	41	126-162	89-115	37-47
2010	192	150	42	129-166	91-118	38-48

¹⁾ Including Fachhochschule entrance qualification

Forecast of Number of Students and Graduates according to Type of Institution of Higher Education (Thousands)

Year	Students		University Examination Passed (Persons)	
	Total	of which in	Total	of which in
		Universities and Colleges of Art and Music		Universities and Colleges of Art and Music

Actual Figures

1987	1411	1082	329	150 ¹⁾	100	50
------	------	------	-----	-------------------	-----	----

Forecast (Estimate by the Standing Conference of Ministers of Education of the Laender; KMK Documentation 103)

1987	1286-1341	1016-1057	270-285	172	116	56
1988	1264-1371	1003-1081	261-290	178	121	57
1989	1231-1385	982-1095	249-290	183	125	58
1990	1188-1381	951-1096	237-285	185-189	129	56-60
1991	1139-1363	914-1086	225-277	183-190	130-131	53-59
1992	1082-1328	871-1063	211-265	180-193	128-133	52-60
1993	1021-1276	823-1027	198-249	176-200	128-139	48-61
1994	935-1194	751-963	184-231	169-201	120-140	49-61
1995	872-1126	713-927	159-199	156-189	113-134	43-55
1996	833-1075	681-884	152-191	146-189	107-140	39-49
1997	794-1023	646-837	148-186	147-189	110-143	37-46
1998	753-967	607-785	146-182	133-172	98-128	35-44
1999	736-945	592-765	144-180	124-159	90-116	34-43
2000	727-933	583-753	144-180	118-152	85-110	33-42
2005	721-925	577-745	144-180	108-138	75-97	33-41
2010	730-937	583-754	147-183	108-139	76-98	32-41

¹⁾ 1986

New Entrants according to Areas of Study Type of Institution of Higher Education and Sex

Year ¹⁾		New Entrants (German and Foreign)			
		Total	of which		
			Lan- guages Arts, Sports	Commerce, Econ- omics, Social Scien- ces	Mathe- matics, Science
Universities and Colleges of Art and Music					
1975	Totals	122751	39658	24853	25992
	Female	50495	23560	7659	9462
1980	Total	138696 ²⁾	40960	33251	26137
	Female	60204 ²⁾	25842	11903	10310
1985	Total	144228 ²⁾	37804	36022	29922
	Female	62694 ²⁾	25157	14093	10714
1986	Total	145399 ²⁾	37213	38785	29204
	Female	63768 ²⁾	25051	15595	10602
1987	Total	158384 ²⁾	39817	43725	31627
	Female	69284 ²⁾	26718	17481	11377
Fachhochschulen					
1975	Total	43819	925	15150	999
	Female	10545	613	6161	223
1980	Total	56307 ²⁾	749	26616	1691
	Female	17912 ²⁾	553	12083	464
1985	Total	63439 ²⁾	942	25772	3024
	Female	19787 ²⁾	729	12553	677
1986	Total	65417 ²⁾	888	27317	3347
	Female	20882 ²⁾	715	13351	871
1987	Total	71320 ²⁾	1131	30223	3695
	Female	23159 ²⁾	921	15058	1002
All Institutions of Higher Education					
1975	Total	166570	40583	40003	26991
	Female	61040	24173	13820	9685
1980	Total	195003 ²⁾	41709	59867	27828
	Female	78116 ²⁾	26395	23986	10774
1985	Total	207675 ²⁾	38746	61794	32946
	Female	82481 ²⁾	25886	26646	11391
1986	Total	210816 ²⁾	38101	66102	32551
	Female	84650 ²⁾	25766	28946	11473
1987	Total	229704 ²⁾	40948	73948	35322
	Female	92443 ²⁾	27639	32539	12379

¹⁾ Summer and following winter semester

²⁾ Including those, where no data are available

New Entrants according to Areas of Study, Type of Institution of Higher Education and Sex (cont.)

New Entrants (German and Foreign)						Year ¹⁾
of which						
Engineering	Human Medicine		Veterinary Medicine	Agriculture, Forestry, Food	Art	
	Total	of which Dentistry				
Universities and Colleges of Art and Music						
15237	5225	754	621	3033	8132	1975
1160	1848	175	195	1670	4941	
15774	10076	1216	899	4265	7134	1980
1501	3998	327	459	2053	4040	
19634	8908	1318	728	4097	6939	1985
2023	3906	210	430	2021	4240	
19486	9399	1332	706	3757	6631	1986
2149	3928	407	433	1810	4074	
21389	10456	1427	743	3725	6746	1987
2502	4586	506	477	1816	4226	
Fachhochschulen						
23110	—	—	—	1625	2010	1975
1939	—	—	—	529	1080	
23109	—	—	—	1926	2216	1980
2763	—	—	—	773	1276	
29425	—	—	—	2290	1986	1985
3658	—	—	—	1044	1126	
29354	—	—	—	2412	2093	1986
3588	—	—	—	1101	1254	
31703	—	—	—	2422	2146	1987
3827	—	—	—	1073	1278	
All Institutions of Higher Education						
38347	5225	754	621	4658	10142	1975
3099	1848	175	195	2199	6021	
38883	10076	1216	899	6191	9350	1980
4264	3998	327	459	2826	5316	
49059	8908	1318	728	6387	8925	1985
5681	3906	210	430	3065	5366	
48840	9399	1332	706	6169	8724	1986
5737	3928	407	433	2911	5328	
53092	10456	1427	743	6147	8892	1987
6329	4586	506	477	2889	5504	

New Entrants aiming at Qualification for the Teaching Profession at Universities and Colleges of Art and Music according to Areas of Study and Sex

Year ¹⁾	New Entrants (German and Foreign)			
	Total	of which		
		Languages, Arts, Sports	Commerce, Economics, Social Sciences	Mathematics, Science

		New Entrants aiming at a Teaching Qualification			
		Number			
1975	Total	40404	24699	1579	9288
	Female	23773	15408	672	4596
1980	Total	28909 ²⁾	17683	1697	6177
	Female	18763 ²⁾	12063	880	3694
1985	Total	11462 ²⁾	6826	735	2140
	Female	7996 ²⁾	4996	416	1412
1986	Total	11025 ²⁾	6873	405	2109
	Female	7912 ²⁾	5169	235	1410
1987	Total	14899 ²⁾	9334	625	2932
	Female	10700 ²⁾	6986	356	1974
		Per Cent ³⁾			
1975	Total	32.9	62.3	6.4	35.7
	Female	47.1	65.4	8.8	48.6
1980	Total	20.8	43.2	5.1	23.6
	Female	31.2	46.7	7.4	35.8
1985	Total	8.0	18.1	2.0	7.2
	Female	12.8	19.9	3.0	13.2
1986	Total	7.6	18.5	1.0	7.2
	Female	12.4	20.6	1.5	13.3
1987	Total	9.4	23.4	1.4	9.3
	Female	15.4	26.2	2.0	17.4

¹⁾ Summer and the following Winter semester

²⁾ Including those where no data are available

³⁾ In per cent of the total number of new entrants at Universities and Colleges of Art and Music

New Entrants aiming at Qualification for the Teaching Profession at Universities and Colleges of Art and Music according to Areas of Study and Sex (cont.)

Year ¹⁾	New Entrants (German and Foreign)				
	of which				
		Engineering	Human Medicine	Veterinary Medicine	Art
			Total	of which Dentistry	Agri-culture, Forestry, Food

		New Entrants aiming at a Teaching Qualification				
		Number				
1975	Total	679	—	—	794	3365
	Female	26	—	—	741	2330
1980	Total	447	—	—	493	2400
	Female	115	—	—	441	1561
1985	Total	234	—	—	247	1268
	Female	76	—	—	209	879
1986	Total	229	—	—	202	1204
	Female	92	—	—	179	824
1987	Total	332	—	—	190	1480
	Female	139	—	—	176	1066
		Per Cent ³⁾				
1975	Total	4.5	—	—	26.2	41.4
	Female	2.3	—	—	93.3	47.2
1980	Total	2.8	—	—	11.6	33.6
	Female	7.7	—	—	21.5	38.6
1985	Total	1.2	—	—	6.0	18.3
	Female	3.8	—	—	10.4	20.7
1986	Total	1.2	—	—	5.4	18.2
	Female	4.3	—	—	9.9	20.2
1987	Total	1.6	—	—	5.1	21.9
	Female	5.6	—	—	9.7	25.2

Students according to Areas of Study, Type of Institution of Higher Education and Sex

Year ¹⁾		Students (German and Foreign)			
		Total ²⁾	of which		
			Lang- guages, Arts, Sports	Commerce Economics, Social Sciences	Mathe- matics, Science
Universities and Colleges of Art and Music					
1975	Total	695548	222631	145878	136078
	Female	250060	123058	35099	44025
1980	Total	842207	256754	188252	153752
	Female	323635	145001	55681	52258
1985	Total	1036774	289441	250050	191581
	Female	419642	172166	86383	62465
1986	Total	1055231	289041	258979	195901
	Female	428248	173376	90545	63258
1987	Total	1082164	290627	270668	203109
	Female	440468	175111	95968	65437
Fachhochschulen					
1975	Total	142209	2743	49032	3277
	Female	33142	1796	19330	565
1980	Total	202003	2846	83550	6281
	Female	59563	2042	38051	1508
1985	Total	301268	4663	109584	14399
	Female	87007	3638	49908	3110
1986	Total	312468	4792	113363	15893
	Female	90184	3752	51592	3475
1987	Total	328625	5837	120503	17450
	Female	95827	4521	54896	3893
All Institutions of Higher Education					
1975	Total	840757	225374	194910	139355
	Female	283202	124854	54429	44590
1980	Total	1044210	259600	271802	160033
	Female	383198	147043	93732	53766
1985	Total	1338042	294104	359634	205980
	Female	506649	175804	136291	65575
1986	Total	1367699	293833	372342	211740
	Female	518432	177128	142137	66733
1987	Total	1410789	296464	391171	220559
	Female	536295	179632	150864	69330

¹⁾ Winter semester

²⁾ Including those where no data are available

Students according to Areas of Study, Type of Institution of Higher Education and Sex (cont.)

Students (German and Foreign)						Year ¹⁾
		of which				
		Engi- neering	Human Medicine	Veteri- nary Medicine	Agri- cul- ture, For- estry, Food	Art
		Total	of which Dentistry			
Universities and Colleges of Art and Music						
85017	53128	7291	3437	14481	34898	1975
5474	15270	1505	1198	7079	18857	
94830	78757	9582	5206	21688	42593	1980
7784	27314	2391	2262	9886	23267	
125143	96293	12226	6548	25226	52098	1985
13506	39487	3564	3603	11757	30052	
128505	97952	12572	6565	25327	52719	1986
14250	40516	3733	3734	11770	30655	
133313	99169	12990	6785	25353	52907	1987
15278	41791	4021	3969	11759	31016	
Fachhochschulen						
78280	-	-	-	3848	8029	1975
6202	-	-	-	1209	4040	
92025	-	-	-	6973	10328	1980
9492	-	-	-	2904	5566	
149340	-	-	-	10057	13225	1985
18190	-	-	-	4677	7484	
154374	-	-	-	10327	13683	1986
18744	-	-	-	4806	7787	
160013	-	-	-	10666	14156	1987
19467	-	-	-	4999	8051	
All Institutions of Higher Education						
163297	53128	7291	3437	18329	42927	1975
11676	15270	1505	1198	8288	22897	
186855	78757	9582	5206	28661	52921	1980
17276	27314	2391	2262	12790	28833	
274483	96293	12226	6548	35283	65323	1985
31696	39487	3564	3603	16434	37536	
282879	97952	12572	6565	35654	66402	1986
32994	40516	3733	3734	16576	38442	
293326	99169	12990	6785	36019	67063	1987
34745	41791	4021	3969	16758	39067	

4 Higher Education

Students aiming at Qualification for the Teaching Profession at Universities and Colleges of Art and Music according to Areas of Study and Sex

Year ¹⁾		Students (German and Foreign)			
		Total ²⁾	of which		
			Lan- guages, Arts, Sports	Commerce, Economics, Social Sciences	Mathe- matics, Science
Students aiming at a Teaching Qualification					
		Number			
1975	Total	243918	144142	13486	58481
	Female	130143	85109	4315	27005
1980	Total	213977	127577	14091	47517
	Female	120501	78041	5656	23621
1985	Total	138569	87443	8342	23980
	Female	84519	56173	3983	12974
1986	Total	120770	77189	6227	20455
	Female	74389	50274	2775	11014
1987	Total	112604	72058	5536	18831
	Female	70370	47453	2515	10384
		Per Cent ³⁾			
1975	Total	35.1	64.8	9.3	43.0
	Female	52.1	69.2	12.3	61.3
1980	Total	25.4	49.8	7.5	30.9
	Female	37.2	53.8	10.2	45.2
1985	Total	13.4	30.2	3.3	12.5
	Female	20.1	32.6	4.6	20.8
1986	Total	11.5	26.7	2.4	10.5
	Female	17.4	29.0	3.1	17.4
1987	Total	10.4	24.8	2.1	9.3
	Female	16.0	27.1	2.6	15.9

Higher Education

Students aiming at Qualification for the Teaching Profession at Universities and Colleges of Art and Music according to Areas of Study and Sex (cont.)

Students (German and Foreign)						Year ¹⁾
of which						
Engi- neering	Human Medicine		Veterinary Medicine	Agri- culture, Forestry, Food	Art	
	Total	of which Dentistry				
Students aiming at a Teaching Qualification						
						Number
7094	—	—	—	3233	17482	1975
234	—	—	—	3082	10398	
5621	—	—	—	3228	15780	1980
739	—	—	—	2818	9546	
2644	—	—	—	2180	13850	1985
713	—	—	—	1846	8750	
2385	—	—	—	1914	12579	1986
700	—	—	—	1623	7990	
2398	—	—	—	1807	11955	1987
746	—	—	—	1519	7742	
						Per Cent ³⁾
8.4	—	—	—	22.3	50.1	1975
4.3	—	—	—	43.5	55.2	
5.9	—	—	—	14.3	37.1	1980
9.5	—	—	—	27.2	41.0	
2.1	—	—	—	8.7	26.6	1985
5.3	—	—	—	15.7	29.1	
1.9	—	—	—	7.6	23.9	1986
4.9	—	—	—	13.8	26.1	
1.8	—	—	—	7.1	22.6	1987
4.9	—	—	—	12.9	25.0	

¹⁾ Winter semester

²⁾ Including those where no data are available

³⁾ In per cent of the total number of students at Universities and Colleges of Art and Music

New German and Foreign Entrants according to Type of Entrance Qualification (EQ) and Type of Institution

Year ¹⁾	Nationality	New German and Foreign Entrants					
		Total	Holding an Entrance Qualification Acquired (within the Federal Republic) at				
			Grammar Schools	Compre- hensive Schools	Specialized Grammar Schools	Fach- ober- schulen	Evening Grammar School, Adult Education Colleges
		Thousand	Per Cent				
Universities and Colleges of Art and Music							
1983	G	127.5	80.8	2.4	6.1	3.9	3.0
	F	9.1	17.3	0.7	1.8	1.3	0.9
1985	G	110.5	81.7	2.8	5.7	3.3	3.0
	F	9.7	21.5	1.0	2.0	1.4	0.7
1987	G	123.0	82.0	3.0	5.5	2.9	2.7
	F	10.9	23.3	1.2	2.1	1.2	0.8
Fachhochschulen							
1983	G	55.4	33.4	0.9	5.6	48.5	1.7
	F	2.1	14.5	0.4	2.2	34.6	2.3
1985	G	49.5	39.7	1.1	6.4	41.6	1.9
	F	1.7	18.2	1.1	4.2	33.9	2.4
1987	G	55.8	42.5	1.2	6.3	37.6	2.1
	F	2.2	20.9	1.0	3.1	30.2	2.7
All Institutions of Higher Education Male and Female							
1983	G	182.9	66.5	2.0	5.9	17.4	2.6
	F	11.2	16.8	0.6	1.9	7.5	1.2
1985	G	160.1	68.7	2.3	5.9	15.1	2.7
	F	11.4	21.0	1.0	2.4	6.4	0.9
1987	G	178.8	69.7	2.4	5.7	13.7	2.5
	F	13.1	22.9	1.2	2.2	6.0	1.1
Female							
1983	G	68.2	75.2	2.3	4.9	9.3	3.1
	F	4.3	18.6	0.9	1.6	2.5	1.1
1985	G	63.7	77.2	2.7	4.6	7.5	3.1
	F	4.7	21.1	1.1	1.8	2.5	0.6
1987	G	72.4	77.9	2.8	4.2	6.8	2.8
	F	5.6	22.6	1.1	1.8	2.6	0.9

G = Germans; F = Foreigners; EQ = entrance qualification

¹⁾ Winter semester

New German and Foreign Entrants according to Type of Entrance Qualification (EQ) and Type of Institution (cont.)

New German and Foreign Entrants						Nationality	Year ¹⁾
Holding on Entrance Qualification Acquired (within the Federal Republic) at			Altogether	Holding EQ ²⁾	Cases where		
Trade and Technical Sch.	Tests for the Full-time Vocat. Schools, Specialized Academies	other Entrance Qualification		Acquired outside Federal Republic	no data are available		
Per Cent							
Universities and Colleges of Art and Music							
0.3	0.5	1.9	98.9	1.0	0.1	G	1983
0.1	0.5	5.5	28.1	67.8	4.1	F	
0.3	0.5	1.8	99.0	0.9	0.1	G	1985
0.1	0.3	4.7	31.8	64.6	3.6	F	
0.4	0.4	2.2	99.1	0.9	0.0	G	1987
0.1	0.2	4.5	33.3	62.6	4.0	F	
Fachhochschulen							
3.5	0.3	4.6	98.5	0.9	0.7	G	1983
1.8	0.5	19.2	75.5	22.8	1.6	F	
3.9	0.3	3.8	98.5	0.8	0.7	G	1985
3.5	0.5	12.2	76.0	22.2	1.8	F	
4.6	0.4	4.4	99.0	0.8	0.2	G	1987
3.4	0.3	11.0	72.5	26.6	0.9	F	
All Institutions of Higher Education							
Male and Female							
1.2	0.5	2.7	98.8	1.0	0.2	G	1983
0.4	0.5	8.0	36.9	59.4	3.7	F	
1.4	0.4	2.4	98.8	0.9	0.3	G	1985
0.6	0.3	5.9	38.5	58.2	3.3	F	
1.7	0.4	2.9	99.1	0.9	0.1	G	1987
0.6	0.3	5.5	39.8	56.7	3.5	F	
Female							
1.1	0.7	2.1	98.7	1.0	0.3	G	1983
0.4	0.6	6.6	32.3	66.6	3.0	F	
1.2	0.7	1.9	98.8	1.0	0.2	G	1987
0.5	0.5	4.9	32.8	64.0	3.2	F	
1.5	0.5	2.6	99.1	0.9	0.1	G	1987
0.5	0.3	4.9	34.5	62.0	3.5	F	

New German Entrants in 1987¹⁾ according to Type and Year of Entrance Qualification (EQ). Type of Higher Education Institution and Sex

Year in which Entrance Qualification was acquired	German New Entrants					
	Total		Holding an Entrance Qualification Acquired (within the Federal Republic) at			
	Number	Per Cent	Number	Grammar Schools	Comprehensive Schools	Specialized Grammar Schools
						Fachhochschulen
						Evening Grammar Schools/Adult Education Colleges
Universities and Colleges of Art						
Male and Female						
1987	52780	42.9	43022	1852	2368	1722
1986	32869	26.7	27350	728	1979	799
1985	18102	14.7	15041	586	1202	411
1984	8236	6.7	6834	238	503	210
1983 ²⁾	10946	8.9	8539	258	658	438
Total ³⁾	122951	100.0	100799	3664	6710	3580
Female						
1987	33554	62.5	28828	1194	1249	423
1986	8463	15.8	6752	272	357	78
1985	3969	7.4	3264	123	193	33
1984	3262	6.1	2779	96	159	46
1983 ²⁾	4463	8.3	3588	115	196	101
Total ³⁾	53716	100.0	45213	1800	2154	681
Fachhochschulen						
Male and Female						
1987	23820	42.7	8354	187	1092	10984
1986	13454	24.1	5171	125	960	5647
1985	7885	14.1	4124	135	659	2159
1984	4022	7.2	2344	89	329	885
1983 ²⁾	6586	11.8	3756	144	449	1295
Total ³⁾	55838	100.0	23757	681	3493	20973
Female						
1987	10039	53.6	5725	106	405	2821
1986	3329	17.8	2099	58	152	617
1985	1985	10.6	1344	37	156	233
1984	1418	7.6	981	20	87	178
1983 ²⁾	1914	10.2	1041	35	107	364
Total ³⁾	18721	100.0	11195	257	908	4214

¹⁾ Winter semester; ²⁾ Including previous years; ³⁾ Including cases where no data are available

New German Entrants in 1987¹⁾ according to Type and Year of Entrance Qualification (EQ), Type of Higher Education Institution and Sex (cont.)

German New Entrants					Year in which Entrance Qualification was acquired	
Holding an Entrance Qualification Acquired (within the Federal Republic) at			Altogether	Holding EQ Acquired outside Federal Republic		Cases where not data are available
Trade and Technical Sch., Full-time Vocat. Schools, Specialized Academies	Tests for the Highly Gifted	Other Entrance Qualification				
Number						
Universities and Colleges of Art Male and Female						
143	282	1188	52406	372	2	1987
103	91	734	32682	177	10	1986
84	46	282	17982	120	—	1985
55	9	178	8146	90	—	1984
131	26	349	10586	357	3	1983 ²⁾
516	454	2731	121818	1116	17	Total ³⁾
Female						
65	172	533	33370	183	1	1987
37	45	357	8376	78	9	1986
24	23	112	3926	43	—	1985
25	4	52	3224	38	—	1984
56	14	143	4321	141	1	1983 ²⁾
207	258	1197	53220	483	13	Total ³⁾
Fachhochschulen Male and Female						
1054	174	1255	23636	162	22	1987
542	24	589	13361	82	11	1986
329	8	253	7817	65	3	1985
197	1	84	3993	29	—	1984
444	6	255	6452	129	5	1983 ²⁾
2567	214	2439	55285	467	86	Total ³⁾
Female						
319	82	379	9989	45	5	1987
154	3	136	3303	23	3	1986
89	2	54	1964	20	1	1985
91	—	28	1408	10	—	1984
202	3	81	1873	41	—	1983 ²⁾
856	91	679	18550	139	32	Total ³⁾

EQ = entrance qualification

German Students in Their First Higher Education Semester according to Father's Occupational Status and Type of Institution of Higher Education

Year ¹⁾	German Students in Their First Higher Education Semester					
	Total	Father's Occupational Status				
		Self- Em- ployed	Civil Servant	White Collar Worker	Blue Collar Worker	Other ²⁾
	Thousand	Per Cent				
Universities and Colleges of Art and Music						
1970	67.4	26.5	25.2	34.0	11.9	2.4
1975	93.2	22.8	22.6	36.7	14.9	3.0
1980	108.4	21.5	21.3	39.3	14.7	3.2
1981	120.2	20.4	20.8	38.8	14.3	5.7
1982	124.3	20.4	21.2	40.6	14.5	3.3
1983	127.5	19.2	20.7	40.4	13.5	6.2
1984	119.3	19.1	20.7	39.8	12.7	7.7
1985	110.5	20.1	20.7	39.3	11.5	8.3
1986	111.7	18.1	19.9	37.2	10.3	14.4
1987	123.0	16.7	19.8	36.4	10.0	17.2
Fachhochschulen						
1975	32.1	21.8	14.4	32.8	27.6	3.4
1980	42.8	19.6	15.1	35.4	25.2	4.6
1981	49.0	19.1	14.7	35.5	25.4	5.2
1982	53.4	18.8	14.5	36.0	26.3	4.5
1983	55.4	18.2	14.7	36.5	25.3	5.3
1984	51.6	18.3	14.6	37.0	23.9	6.1
1985	49.5	18.2	15.5	36.7	21.9	7.7
1986	51.0	17.2	15.0	35.5	19.8	12.4
1987	55.8	16.7	15.1	35.2	18.8	14.2
All Institutions of Higher Education						
1975	125.3	22.5	20.5	35.7	18.2	3.1
1980	151.2	20.9	19.6	38.2	17.7	3.6
1981	169.2	20.0	19.0	37.9	17.5	5.6
1982	177.6	19.9	19.2	39.2	18.0	3.6
1983	182.9	18.9	18.9	39.2	17.1	5.9
1984	170.9	18.8	18.9	39.0	16.1	7.2
1985	160.1	19.5	19.1	38.5	14.8	8.1
1986	162.6	17.8	18.4	36.7	13.3	13.8
1987	178.8	16.7	18.3	36.0	12.7	16.2

¹⁾ Winter semester

²⁾ Incl. those where no data are available

German Students in Their First Higher Education Semester according to Type of Higher Education Entrance Qualification and Type of Institution of Higher Education

Year ¹⁾	German Students in Their First Higher Education Semester						
	Total	of which holding Higher Education Entrance Qualification from					
		Gram- mar School	Compre- hensive School	Evening Schools and Colleges	Fach- ober- schul- en	Ability Tests	Others ²⁾
	Thousand	Per Cent					
Universities and Colleges of Art and Music							
1970	67.4	83.7	—	3.3	5.2	1.3	6.5
1975	93.2	85.3	0.8	5.5	3.2	2.1	2.5
1980	108.4	87.0	2.2	3.2	3.6	0.6	3.4
1981	120.2	85.1	2.1	3.1	3.6	0.7	5.4
1982	124.3	87.3	2.5	2.9	3.8	0.6	2.9
1983	127.5	86.9	2.4	3.0	3.9	0.6	3.2
1984	119.2	85.4	2.6	2.7	3.6	0.5	5.2
1985	110.5	87.4	2.8	3.0	3.3	0.5	3.0
1986	111.7	87.1	2.8	2.9	3.1	0.4	3.7
1987	123.0	87.5	3.0	2.7	2.9	0.4	3.5
Fachhochschulen							
1975	32.1	12.8	0.5	3.1	72.2	0.2	11.2
1980	42.8	39.5	0.8	1.1	47.3	0.3	11.0
1981	49.0	40.0	0.8	1.3	45.7	0.4	11.8
1982	53.4	39.7	0.9	1.5	46.9	0.5	10.5
1983	55.4	39.0	0.9	1.7	48.5	0.4	9.5
1984	51.6	41.9	1.1	1.7	45.8	0.3	9.2
1985	49.5	46.1	1.1	1.9	41.6	0.3	9.1
1986	51.0	48.7	1.3	2.0	38.6	0.3	9.1
1987	55.8	48.8	1.0	2.5	37.6	0.4	9.7
All Institutions of Higher Education							
1975	125.3	66.4	0.7	4.7	21.4	1.5	5.3
1980	151.2	73.5	1.8	2.6	16.0	0.5	5.6
1981	169.2	72.1	1.7	2.6	15.8	0.6	7.2
1982	177.6	72.9	2.0	2.5	16.7	0.6	5.3
1983	182.9	72.4	2.0	2.6	17.4	0.5	5.1
1984	170.9	72.2	2.1	2.4	16.4	0.4	6.5
1985	160.1	74.6	2.3	2.7	15.1	0.4	4.9
1986	162.6	75.1	2.3	2.6	14.2	0.4	5.4
1987	178.8	75.4	2.4	2.8	13.7	0.4	5.3

¹⁾ Winter semester

²⁾ Incl. cases where data not available

Foreign Students 1987 according to Type of Higher Education and Nationality

Land of Origin	Foreign Students				
	Total	of which in			
		Univer- sities	Colleges of Art and Music	Fach- hoch- schulen	
	Number	Per Cent	Number		
Europe	42677	52.6	33273	1107	8297
EC-Member States	19458	24.0	16114	490	2854
Belgium	523	0.6	394	16	113
Denmark	262	0.3	215	8	39
France	2650	3.3	2086	89	475
Greece	6208	7.7	5598	51	559
Great Britain ¹⁾	2002	2.5	1577	83	342
Ireland	214	0.3	196	10	8
Italy	2307	2.8	1795	87	425
Luxembourg	1067	1.3	950	25	92
Netherlands	1949	2.4	1486	70	393
Portugal	472	0.6	349	10	113
Spain	1804	2.2	1468	41	295
Other Countries	23219	28.6	17159	617	5443
Bulgaria	121	0.1	105	7	9
Finland	691	0.9	619	20	52
Iceland	219	0.3	182	17	20
Yugoslavia	2153	2.7	1614	65	474
Norway	804	1.0	757	23	24
Austria	4240	5.2	3360	101	779
Poland	1577	1.9	1322	85	170
Romania	223	0.3	168	26	29
Sweden	434	0.5	376	18	40
Switzerland	1259	1.6	918	145	196
USSR	87	0.1	76	3	8
Czechoslovakia	583	0.7	463	24	96
Turkey	9790	12.1	6282	55	3453
Hungary	344	0.4	280	26	38
Cyprus	658	0.8	606	2	50
Other Countries	36	0.0	31	—	5
Africa	4774	5.9	3854	54	866
Egypt	761	0.9	705	15	41
Ethiopia	431	0.5	354	1	76
Algeria	300	0.4	189	14	97
Ghana	282	0.3	234	1	47
Kamerun	311	0.4	253	3	55
Marocco	294	0.4	240	1	53
Nigeria	235	0.3	183	1	51
Tunisia	485	0.6	427	—	58
Other Countries	1675	2.1	1269	18	388

¹⁾ Including Northern Ireland

Foreign Students 1987 according to Type of Higher Education and Nationality (cont.)

Land of Origin	Foreign Students				
	Total	of which in			
		Univer- sities	Colleges of Art and Music	Fach- hoch- schulen	
	Number	Per Cent	Number		
America	7970	9.8	6876	295	799
Argentina	277	0.3	230	23	24
Bolivia	240	0.3	154	4	82
Brazil	633	0.8	553	43	37
Chile	512	0.6	432	22	58
Canada	424	0.5	370	21	33
Columbia	370	0.5	306	5	59
Mexico	256	0.3	234	8	14
Peru	435	0.5	340	9	86
USA	4183	5.2	3770	144	269
Venezuela	134	0.2	96	6	32
Other Countries	506	0.6	391	10	105
Asia	24316	30.0	18607	877	4832
Afghanistan	681	0.8	531	2	148
China (Taiwan)	658	0.8	608	34	16
China	1877	2.3	1805	29	43
India	565	0.7	503	2	60
Indonesia	2131	2.6	1311	24	796
Iraq	386	0.5	319	8	59
Iran	8793	10.8	6128	40	2625
Israel	808	1.0	749	20	39
Japan	1158	1.4	792	348	18
Jordan	963	1.2	855	1	107
Korea (Republic)	3340	4.1	2871	336	133
Lebanon	307	0.4	246	2	59
Pakistan	199	0.2	154	—	45
Syrian	450	0.6	385	—	65
Thailand	218	0.3	171	3	44
Vietnam	1052	1.3	599	3	450
Other Countries	730	0.9	580	25	125
Australia and Oceania	160	0.2	109	23	28
Australia	134	0.2	89	18	27
Other Countries	26	0.0	20	5	1
All Countries ²⁾	81090	100	63731	2365	14994

²⁾ Including cases where no data are available

Students 1984/85 Abroad according to Country

No	Country of Origin	Students Abroad ¹⁾								
		Total	General EC-Member States ²⁾							
			Total	Federal Republic of Germany	Belgium	Denmark	France	Greece	Great Britain ³⁾	Ireland
1	EC-Member States	131859	75728	19702	10745	715	18882	139	5918	1105
2	Federal Republic of Germany	22424	9115	—	712	312	3643	42	1236	—
3	Belgium	3329	2352	586	—	5	887	2	264	18
4	Denmark	1261	656	269	37	—	185	4	94	7
5	France	12500	5744	2654	1563	69	—	8	717	51
6	Greece	34086	25547	6693	843	13	3649	—	1959	6
7	Great Britain ³⁾	14513	6164	1960	267	210	2057	58	—	982
8	Ireland	2218	947	171	23	9	198	—	523	—
9	Italy	17935	7687	2266	3201	22	1453	19	374	8
10	Luxembourg	3594	3053	958	1017	1	996	2	47	5
11	Netherlands	6406	4713	1985	1734	52	495	4	341	10
12	Portugal	4187	3344	501	245	6	2197	—	147	2
13	Spain	9406	6406	1659	1102	16	3122	—	216	16
14	German Democratic Republic	866	243	—	2	5	56	—	5	118
15	Finland	1666	1004	702	17	40	146	3	27	4
16	Yugoslavia	4377	2853	2068	71	32	374	4	18	—
17	Norway	4457	2591	808	34	663	190	—	737	23
18	Austria	5725	4750	3960	385	20	174	5	42	2
19	Poland	4540	2703	1564	77	26	854	—	59	—
20	Sweden	2909	1298	493	28	286	294	2	62	5
21	Switzerland	4132	2842	1302	152	41	450	1	221	5
22	USSR	1444	236	92	3	5	113	3	8	—
23	Turkey	16168	12368	10060	337	56	854	427	158	3
24	Australia	2465	718	142	7	9	113	5	339	19
25	China	42481	2452	1117	191	26	768	2	227	7
26	Indonesia	12850	3446	2260	103	2	262	1	263	—
27	Iran	41043	19843	7872	338	22	5361	44	1977	8
28	Japan	15335	2372	1134	22	16	805	4	332	3
29	Canada	16245	2418	429	76	31	949	48	626	59
30	USA	19707	13247	4042	264	183	3549	252	2751	287

¹⁾ Only the fifty most strongly represented countries²⁾ Not including Luxembourg³⁾ Including Northern Ireland

Source: UNESCO

Students 1984/85 Abroad according to Country (cont.)

Students Abroad ¹⁾													No.
EC-Member States ²⁾				Other European Countries				Other Non-European Countries					
Italy	Netherlands	Portugal	Spain	Total	Austria	Switzerland	Holland	Total	China	Canada	USA		
14752	2682	110	978	27649	8546	10603	4684	28482	356	3390	22952	1	
1740	1198	23	208	8728	4352	3810	255	4581	123	279	4060	2	
95	436	4	55	244	24	170	37	733	16	56	639	3	
17	36	—	7	79	24	39	2	526	15	36	469	4	
336	135	16	195	2546	121	2192	187	4210	63	599	3161	5	
12222	72	3	87	4246	572	435	9	4293	3	400	3809	6	
174	364	9	83	721	130	342	179	7628	65	1540	5097	7	
7	16	—	—	234	11	24	196	1037	2	147	885	8	
—	200	6	138	8428	2825	2415	3123	1820	37	85	1618	9	
18	9	—	—	500	351	147	2	41	1	1	39	10	
55	—	3	34	329	44	241	19	1364	25	99	1211	11	
23	52	—	171	247	31	93	91	596	1	94	469	12	
65	164	46	—	1347	61	695	584	1653	5	54	1495	13	
49	8	—	—	510	14	1	—	113	12	9	79	14	
28	37	—	—	148	88	49	1	514	5	24	478	15	
244	26	—	16	989	377	174	103	535	13	38	453	16	
24	98	—	14	228	46	157	4	1638	8	67	1560	17	
56	85	—	21	587	—	512	50	388	20	13	344	18	
55	67	1	—	1141	246	179	258	696	11	31	599	19	
41	74	—	13	349	71	134	5	1262	16	32	1204	20	
520	94	1	55	301	237	—	37	989	33	69	853	21	
8	4	—	—	908	12	9	—	300	132	2	83	22	
135	338	—	—	1214	828	252	2	2586	4	97	2109	23	
32	41	3	8	122	24	31	43	1625	31	161	1313	24	
38	64	—	12	378	255	97	12	39651	—	1104	32400	25	
—	555	—	—	119	42	17	51	9285	—	288	7048	26	
3534	49	6	632	4664	1364	302	2	16536	25	271	12198	27	
—	33	—	23	356	207	69	40	12607	643	195	11467	28	
93	81	20	6	388	56	138	112	13439	26	—	13227	29	
976	289	40	614	1983	404	541	709	4477	74	2462	—	30	

Examinations according to Type of Examination and Laender (Thousands)

Year ¹⁾	Examinations Passed (Persons) Total									
Land	Total		of which							
			Diplomas, First State Examinations ²⁾		Doktor's Degree first degree following first degree		Teaching Qualifications ³⁾		Diplomas at Fachhochschulen ⁴⁾	
	G+F	F	G+F	F	G+F					F
Federal Republic										
1960	47800	1800	20300	900	1000	5200	9500	11800	400	
1965	66500	1966	25500	1357	1086	5885	17100	16200	900	
1970	87000	2663	30100	1822	1400	9900	25800	19800	1300	
1975	117301	4295	33669	1867	1476	9242	40344	31865	1290	
1980	123680	4816	46331	2503	1040	11182	30452	34675	1202	
1981	121949	4501	46879	2242	933	11350	27362	35425	1165	
1982	131126	4891	50642	2517	982	11981	27796	39725	1285	
1983	137664	5070	54766	2602	1055	12582	27368	41893	1261	
1984	141546	5043	57153	2639	824	13309	25611	44649	1250	
1985	146920	5529	61083	2925	699	14252	22883	48003	1460	
1986	150112	5595	63866	2964	586	14944	20354	50362	1505	
Laender 1986										
BW	24839	901	9643	458	37	2835	3086	9238	222	
BA	24960	647	11358	367	33	3091	2680	7798	108	
HE	15893	651	7198	339	59	1410	1783	5443	200	
NS	14566	363	6225	215	23	1368	2320	4630	48	
NW	39381	1521	16186	721	203	3433	6739	12820	530	
RP	6831	190	2505	118	58	552	696	3020	46	
SA	2175	123	1125	70	34	211	316	489	27	
SH	4195	140	1512	61	28	380	765	1510	53	
BE	8912	673	4522	443	69	901	990	2430	118	
BR	1703	115	446	45	—	82	198	977	61	
HA	6657	271	3146	127	42	681	781	2007	92	

G+F = Germans and Foreigners; F = Foreigners

¹⁾ Winter and following Summer Semester²⁾ Not incl. teaching qualifications³⁾ 1st state examination not incl. additional supplementary or extension examinations⁴⁾ Diploma or examinations (in some cases graduations) incl. the appropriate examinations at comprehensive universities

Examinations according to Type of Examination and Laender (Thousands) (cont.)

Year ¹⁾	Examinations Passed (Persons) Female									
Land	Total		of which							
			Diplomas, First State Examinations ²⁾		Doctor's Degree first degree following first degree		Teaching Qualifications ³⁾		Diplomas at Fachhochschulen ⁴⁾	
	G+F	F	G+F	F	G+F					F
Federal Republic										
1960	10100	600	3100	200	100	800	6000	100	10	
1965	16400	600	3700	200	100	988	11571	200	10	
1970	18700	800	4600	400	200	1500	12200	200	15	
1975	37556	787	6225	376	341	1458	22753	6779	149	
1980	42118	1126	13112	699	292	2100	17382	9232	133	
1981	41860	1041	13308	667	283	2208	15530	10531	129	
1982	46827	1248	15219	778	309	2403	16199	12697	196	
1983	50466	1255	17178	770	360	2688	16346	13894	197	
1984	52542	1354	18711	837	272	3006	15779	14774	221	
1985	54016	1394	20078	857	240	3358	14443	15897	253	
1986	56005	1593	22197	986	199	3721	13037	16851	319	
Laender 1986										
BW	8882	292	3256	181	12	687	2048	2879	59	
BA	9318	196	3963	131	11	860	1918	2566	27	
HE	5773	150	2610	98	24	361	1039	1739	27	
NS	5430	87	2107	50	10	350	1470	1493	9	
NW	5032	429	5286	245	58	814	4174	4700	117	
RP	2662	79	1066	54	17	150	458	971	17	
SA	809	58	421	46	13	40	200	135	4	
SH	1578	38	601	26	7	67	539	364	2	
BE	3438	158	1700	105	22	196	583	937	21	
BR	594	35	159	13	—	16	124	295	19	
HA	489	71	1028	37	25	180	484	772	17	

Examinations according to Areas of Study and Type of Examination (Thousands)

Year ¹⁾	Examinations Passed (German and Foreign Students; Persons)							
	Total ²⁾	of which in						
		Lan- guages, Arts, Sports	Com- merce, Eco- nomics, Social Science	Mathe- matics, Science	Engi- neering	Human Medicine, Veteri- nary Medicine	Agri- culture, Food	Art
Diploma, First State Examination, Total								
1973	32.3	3.8	10.3	5.4	4.4	6.7	1.0	0.2
1975	33.7	4.6	10.6	5.6	4.8	6.3	1.0	0.2
1977	37.5	6.3	11.9	6.1	5.8	5.3	1.2	1.0
1979	42.8	6.0	13.3	6.3	6.5	8.0	1.4	1.2
1981	46.9	7.0	14.6	7.3	6.8	7.9	1.8	1.4
1983	54.8	8.7	14.7	8.9	7.7	10.6	2.1	2.0
1984	57.2	9.5	15.3	9.4	8.1	10.2	2.2	2.4
1985	61.1	10.2	15.9	10.2	8.5	11.7	2.2	2.4
1986	63.9	10.3	17.6	10.8	8.5	11.8	2.3	2.6
Doctor's Degree, Total								
1973	10.1	1.2	1.2	2.0	0.7	4.6	0.2	0.1
1975	11.4	1.4	1.3	2.6	1.0	4.7	0.3	0.1
1977	11.4	1.6	1.3	2.8	1.0	4.2	0.3	0.1
1979	11.9	1.1	1.2	2.7	1.1	5.3	0.3	0.1
1981	12.3	1.1	1.2	2.7	1.0	5.8	0.3	0.1
1983	13.6	1.3	1.3	2.7	1.0	6.7	0.4	0.2
1984	14.1	1.2	1.4	3.0	1.2	6.8	0.4	0.2
1985	15.0	1.3	1.3	3.3	1.1	7.3	0.4	0.2
1986	15.5	1.3	1.5	3.5	1.2	7.4	0.4	0.2
Teaching Qualifications, Total								
1973	30.0	16.4	1.3	7.0	0.2	—	0.2	1.7
1975	40.4	21.7	2.8	9.8	0.6	—	0.2	2.5
1977	40.4	23.4	3.9	9.3	0.8	—	0.2	2.8
1979	33.2	20.6	2.6	6.9	0.7	—	0.2	2.2
1981	26.0	15.6	1.8	6.0	0.6	—	0.3	1.8
1983	27.4	15.6	1.7	6.1	0.9	—	0.7	2.3
1984	25.6	15.4	1.8	5.0	0.7	—	0.5	2.2
1985	22.9	14.1	1.4	4.4	0.5	—	0.4	2.1
1986	20.4	12.4	1.3	3.8	0.4	—	0.5	2.0
Diplomas at Fachhochschulen, Total								
1973	29.2	0.6	7.6	0.2	18.4	—	1.3	1.4
1975	31.9	0.5	12.0	0.6	16.3	—	0.9	2.0
1977	33.3	0.9	12.9	0.3	16.8	—	0.9	1.5
1979	34.1	0.8	14.0	0.8	15.9	—	1.4	1.1
1981	35.4	0.8	15.0	1.0	15.7	—	1.7	1.3
1983	41.9	0.9	21.9	1.1	14.9	—	1.7	1.5
1984	44.6	0.9	22.9	1.3	16.4	—	1.7	1.4
1985	48.0	1.0	24.1	1.6	18.2	—	1.8	1.4
1986	50.4	1.0	23.8	1.8	20.2	—	2.0	1.6

¹⁾ Winter and following summer semester; ²⁾ Including cases where no data is available

Examinations according to Areas of Study and Type of Examination (Thousands) (cont.)

Year ¹⁾	Examinations Passed (German and Foreign Students; Persons)							
	Total ²⁾	of which						
		Lan- guages, Arts, Sports	Com- merce, Eco- nomics, Social Science	Mathe- matics, Science	Engi- neering	Human Medicine, Veteri- nary Medicine	Agri- culture, Food	Art
Diploma, First State Examination, Females								
1973	5.9	1.3	1.2	1.1	0.2	1.6	0.3	0.3
1975	6.2	1.9	1.3	0.8	0.2	1.4	0.3	0.4
1977	8.5	2.9	2.0	1.3	0.3	1.2	0.4	0.4
1979	11.4	2.9	3.1	1.5	0.4	2.3	0.6	0.6
1981	13.3	3.3	3.8	2.0	0.4	2.3	0.7	0.7
1983	17.2	4.4	4.2	2.7	0.5	3.5	0.8	1.0
1984	18.7	5.0	4.4	3.0	0.6	3.6	0.9	1.2
1985	20.1	5.4	4.6	3.1	0.7	4.2	0.9	1.2
1986	22.2	5.7	5.5	3.5	0.7	4.6	1.0	1.3
Doctor's Degree								
1973	1.6	0.3	0.07	0.1	0.01	1.1	0.01	0.04
1975	1.8	0.3	0.1	0.2	0.01	1.0	0.03	0.05
1977	1.8	0.4	0.1	0.3	0.01	0.9	0.04	0.05
1979	2.2	0.3	0.1	0.3	0.01	1.4	0.06	0.05
1981	2.5	0.3	0.1	0.3	0.02	1.6	0.08	0.05
1983	3.0	0.4	0.2	0.4	0.03	1.8	0.11	0.10
1984	3.3	0.3	0.2	0.5	0.02	2.0	0.10	0.09
1985	3.6	0.4	0.2	0.6	0.04	2.2	0.10	0.10
1986	3.9	0.4	0.2	0.7	0.03	2.4	0.10	0.09
Teaching Qualifications, Females								
1973	16.3	10.7	0.6	3.6	0.0	—	0.2	1.2
1975	22.8	13.9	1.3	5.4	0.0	—	0.3	1.9
1977	21.8	13.6	1.4	4.7	0.04	—	0.2	1.8
1979	19.1	12.6	1.1	3.5	0.08	—	0.2	1.6
1981	14.7	9.4	0.8	3.0	0.08	—	0.2	1.3
1983	16.3	10.1	0.8	3.3	0.13	—	0.5	1.5
1984	15.8	10.2	0.8	2.8	0.12	—	0.4	1.4
1985	14.4	9.3	0.7	2.6	0.09	—	0.3	1.4
1986	13.0	8.3	0.6	2.2	0.11	—	0.4	1.4
Diplomas at Fachhochschulen, Females								
1973	3.8	0.4	2.0	0.02	0.6	—	0.3	0.4
1975	6.8	0.4	4.5	0.08	0.8	—	0.3	0.6
1977	8.3	0.6	5.3	0.05	1.4	—	0.2	0.7
1979	8.8	0.6	5.8	0.15	1.2	—	0.4	0.6
1981	10.5	0.6	7.2	0.21	1.3	—	0.6	0.7
1983	13.9	0.7	10.1	0.27	1.5	—	0.6	0.8
1984	14.8	0.7	10.7	0.28	1.7	—	0.6	0.8
1985	15.9	0.8	11.1	0.35	2.1	—	0.6	0.8
1986	16.9	0.8	11.4	0.41	2.6	—	0.8	0.9

Staff according to Rank and Type of Institution of Higher Education

Year	Staff						
	General Total	of which					
		Full-time Staff					
		Total	Academic and Creative Arts Staff				
			Total	Students per Person	Pro- fessors	Academic and Artistic Assistants	Teachers with Special Assignment
Universities and Colleges of Art and Music							
1972	199679	160269	57978	9	14060	40350	3568
1975	249329	201838	68003	10	17751	47716	2536
1976	254297	203511	68201	11	18077	47533	2591
1978	270215	206925	70285	11	19438	48828	2019
1979	284463	218396	72670	11	20108	50648	1914
1980	288451	228512	76013	11	20311	53112	2590
1981	296229	238825	78212	11	20725	54384	3102
1982	281684	246650	79541	12	20898	55821	2825
1984	287707	254367	81171	13	21508	56720	2943
1985	293820	258558	82639	13	21498	57542	3599
1986	303086	267813	85618	12	21572	59574	4472
of which Colleges of Art and Music							
1972	3203	2115	1370	10	728	243	399
1975	4148	2475	1530	10	827	96	607
1976	4396	2527	1617	9	866	159	592
1978	4658	2518	1587	10	948	87	552
1979	4850	2572	1557	11	964	104	489
1980	5434	2621	1675	11	1025	201	449
1981	5832	2746	1762	11	1041	242	379
1982	5413	2849	1815	11	1193	344	278
1984	5769	2875	1836	11	1267	333	236
1985	5974	2967	1889	11	1314	338	237
1986	6408	3254	2087	11	1328	501	258

Staff according to Rank and Type of Institution of Higher Education

Staff								Year
of which								
Part-time Staff								
Adminis- trative Technical and other Staff	Total	Academic and Creative Arts Staff				Adminis- trative Technical and other Staff ¹⁾		
		Total	Pro- fessors	Academic Assistants	Staff with Teaching Com- mission			
Universities and Colleges of Art and Music								
102290	39412	17309	2220	6140	8949	22103	1972	
133835	47494	21641	2645	6155	12841	25853	1975	
135310	50787	23737	3538	7092	13107	27050	1976	
136640	63292	26335	4042	7621	14672	36957	1978	
145727	66067	27296	3883	9437	13976	38771	1979	
152499	59939	33685	4856	13761	15068	26254	1980	
160613	57405	32250	4361	12786	15102	25155	1981	
167109	35034	30737	4297	11240	15200	4297	1982	
173196	33342	31973	4579	11102	16292	1369	1984	
175920	35261	33734	5166	11679	16889	1527	1985	
182195	35273	33661	5329	11091	17241	1612	1986	
of which Colleges of Art and Music								
745	1088	1009	35	—	974	79	1972	
946	1673	1506	37	4	1465	167	1975	
910	1869	1648	20	11	1617	221	1976	
931	2140	1783	36	7	1740	357	1978	
1015	2279	1900	60	4	1836	379	1979	
946	2813	2567	107	42	2418	246	1980	
984	3086	2814	89	428	2297	272	1981	
1034	2564	2548	102	380	2066	16	1982	
1039	2894	2849	123	251	2475	45	1984	
1078	3007	2972	141	293	2538	35	1985	
1167	3154	3104	130	260	2714	50	1986	

¹⁾ From 1982 onwards, not including auxiliary student personnel

Staff according to Rank and Type of Institution of Higher Education

Year	Staff						
	General Total	of which					
		Full-time Staff					
		Total	Academic and Creative Arts Staff				
			Total	Students per Person	Pro- fessors	Academic and Artistic	Teachers with Special Assignment
Fachhochschulen							
1972	18746	13549	7825	14	6711	706	408
1975	20883	14419	8147	18	7171	595	381
1976	22212	15308	8492	18	7449	545	498
1978	24479	16505	8918	19	7939	558	421
1979	25086	16842	8986	20	7979	490	517
1980	26986	17303	9221	22	7909	490	822
1981	28825	18209	9652	23	8279	353	1020
1982	29778	19215	10063	25	8433	341	1290
1984	31585	20045	10204	29	8713	316	1175
1985	33235	20551	10277	29	8768	306	1203
1986	33911	20885	10437	30	8950	277	1210
All Institutions of Higher Education							
1972	218425	173818	65803	10	20771	41056	3976
1975	270212	216257	76150	11	24922	48311	2917
1976	276509	218819	76693	11	25526	48078	3089
1978	294694	223430	79203	12	27377	49386	2440
1979	309549	235238	81656	12	28087	51138	2431
1980	315437	245815	85234	12	28220	53602	3412
1981	325052	257033	87864	13	29004	54738	4122
1982	311460	265863	89603	13	29331	56160	4114
1984	319292	274412	91373	14	30221	57036	4118
1985	327055	279109	92916	14	30265	57848	4802
1986	336996	288698	96055	14	30522	59851	5681

Staff according to Rank and Type of Institution of Higher Education

Staff							Year
of which							
Part-time Staff							
Adminis- trative Technical and other Staff	Total	Academic and Creative Arts Staff				Adminis- trative Technical and other Staff ¹⁾	
		Total	Pro- fessors	Academic Assistents	Staff with Teaching Com- mission		
Fachhochschulen							
5725	5198 ^a	5048	3	26	5019	150	1972
6272	6464	6157	3	52	6102	308	1975
6816	6904	6324	2	33	6289	580	1976
7587	7974	6798	7	23	6768	1176	1978
7855	8245	7129	19	40	7070	1116	1979
8082	9683	8464	39	36	8389	1219	1980
8557	10616	9668	153	413	9103	948	1981
9152	10563	10402	95	458	9849	161 ¹⁾	1982
9841	11540	11221	93	1083	10045	319	1984
10274	12684	12362	98	1520	10744	322	1985
10448	13026	12487	125	1434	10928	539	1986
All Institutions of Higher Education							
108015	44610	22357	2223	6166	13968	22253	1972
140107	53959	27798	2648	6207	18943	26161	1975
142126	57691	30061	3540	7125	19396	27630	1976
144227	71266	33133	4049	7644	21440	38133	1978
153582	74312	34425	3902	9477	21046	39887	1979
160581	69622	42149	4895	13797	23457	27473	1980
169169	68020	41917	4514	13199	24204	26103	1981
176260	45597	41139	4392	11698	25049	4458 ¹⁾	1982
183037	44882	43194	4672	12185	26337	1688	1984
186194	47945	46096	5264	13199	27633	1849	1985
192643	48299	46148	5454	12525	28169	2151	1986

¹⁾ From 1982 onwards, not including auxiliary student personnel

Staff according to Type of Institution of Higher Education and to Areas of Study

Year	Full-time Academic and Creative Arts Staff						
	Total ¹⁾	of which					
		Lan- guages, Arts, Sports	Com- merce, Eco- nomics, Social Sciences	Mathe- matics, Science	Engi- neering	Medicine	Agri- culture, Forestry, Food
							Art
1972	Universities and Colleges of Art and Music						
	57978	13235	5132	12297	6487	15064	1637
1975	68003	13477	6725	14665	7922	17647	1962
1976	68201	13297	6923	14695	8321	17775	1786
1978	70285	13389	7371	15843	9068	17171	1815
1979	72670	13654	7798	16171	9614	17379	1905
1980	76013	13282	7796	17035	10276	18658	1894
1981	78212	14735	7876	18000	10376	19494	1914
1982	79540	14472	7956	18975	10560	19635	1775
1984	81169	14510	7822	19839	10893	20149	1952
1985	82639	14195	7835	19924	11279	20335	2006
1986	85618	14371	8175	21157	11585	21103	2108
	Fachhochschulen						
1972	7825	132	1499	292	5122	—	141
1975	8147	133	1855	462	4905	—	178
1976	8492	119	2140	482	4947	—	196
1978	8918	84	2440	470	5052	—	228
1979	8986	104	2522	469	5026	—	201
1980	9221	107	3076	439	4626	—	335
1981	9652	135	3352	447	4748	—	327
1982	10063	146	3468	541	4838	—	365
1984	10204	152	3562	553	4836	—	373
1985	10277	159	3599	576	4832	—	374
1986	10436	187	3633	592	4912	—	376
	All Institutions of Higher Education						
1972	65803	13367	6631	12589	11609	15064	1778
1975	76150	13610	8580	15127	12827	17647	2140
1976	76693	13416	9063	15177	13268	17775	1982
1978	79203	13473	9811	16313	14120	17171	2043
1979	81656	13758	10320	16640	14640	17379	2106
1980	85234	13389	10872	17474	14902	18658	2229
1981	87864	14870	11228	18447	15124	19494	2241
1982	89603	14618	11424	19516	15398	19635	2140
1984	91373	14662	11384	20392	15729	20149	2325
1985	92916	14354	11434	20500	16111	20335	2380
1986	96054	14558	11808	21749	16497	21103	2484

¹⁾ Incl. central facilities

Duration of Studies of German Students at Successful Completion of Final Examination according to Type of Institution of Higher Education, Sex and Age

Type of Institution of Higher Education	Fea- ture	Duration of Studies in Years (Average) at Completion of Examination in Study Year					Age (in Years) at Examination Time
		1977	1981	1983	1985	1986	
Universities	a)	6.9	7.2	7.4	7.5	7.6	28.4
	b)	6.1	6.5	6.7	6.9	6.9	
	c)	5.4	5.7	5.8	6.1	6.2	
Comprehensive Universities	a)	4.4	5.5	6.0	6.5	6.5	28.1
	b)	4.1	5.1	5.3	6.2	6.2	
	c)	3.6	4.5	4.6	5.5	5.6	
of which Short Courses of Study	a)	4.3	4.1	4.7	5.0	4.8	26.9
	b)	4.3	4.0	4.6	5.0	4.7	
	c)	3.9	3.6	4.2	4.7	4.5	
Colleges of Education	a)	4.7	5.3	5.6	5.8	5.9	26.9
	b)	4.2	4.7	4.9	4.9	4.9	
	c)	3.6	3.7	4.0	3.9	4.0	
Theological Colleges	a)	6.3	6.4	7.0	6.8	6.8	27.4
	b)	5.7	5.9	6.6	6.4	6.4	
	c)	5.2	5.3	5.8	5.7	5.7	
Colleges of Art and Music	a)	5.9	6.3	6.2	6.4	6.3	26.9
	b)	5.5	6.0	6.0	6.2	6.1	
	c)	4.5	4.7	4.8	5.0	5.0	
Fachhochschulen	a)	3.8	4.2	4.5	4.6	4.6	26.7
	b)	3.7	4.1	4.5	4.5	4.5	
	c)	3.5	3.8	4.1	4.1	4.2	
Colleges of Public Administration	a)	•	•	3.1	3.2	3.2	25.9
	b)	•	•	3.1	3.1	3.1	
	c)	•	•	2.9	3.0	3.0	
Total – Male	a)	6.0	6.4	6.6	6.6	6.6	28.2
	b)	5.4	5.9	6.0	6.1	6.1	
	c)	4.8	5.1	5.3	5.4	5.4	
– Female	a)	5.0	5.8	6.0	6.1	6.1	27.0
	b)	4.6	5.4	5.5	5.7	5.8	
	c)	4.1	4.8	4.9	5.2	5.3	
– Total	a)	5.6	6.2	6.3	6.4	6.4	27.7
	b)	5.1	5.7	5.8	6.0	6.0	
	c)	4.5	5.0	5.1	5.3	5.4	

a) = Duration of studies from first registration at a university or other institution of higher education to completed final examinations

b) = Duration of studies according to semesters in higher education

c) = Duration of studies according to subject – related semesters

Definitions**Legal Basis**

Training assistance is provided under the Federal Training Assistance Act (Bundesausbildungsförderungsgesetz – BAföG) which came into force on 1 September 1971.

The Principle of Assistance

A person has a legal claim to individual assistance for training of Assistance corresponding to his/her inclination, aptitude and achievements if the funds required for his/her subsistence and training "are not available from other sources", i.e. if the person concerned or – in this sequence – his/her spouse or his/her parents cannot meet these costs.

Persons entitled to training assistance include: Germans as defined by the Basic Law, stateless foreigners and persons entitled to political asylum and, under certain conditions, also other foreigners.

Pupils at secondary schools receive training assistance only if, for the purpose of their training, they are compelled to live away from home; the assistance is paid as a grant without the obligation of repayment. Students at higher education institutions receive assistance in the form of loans only.

Institutions of education and training

The number of students completing their pre-vocational or basic vocational training years are not shown separately in the tables on training assistance, but are included in the number of students receiving assistance and attending full-time vocational schools. The numbers under the heading universities include students at comprehensive universities, colleges of theology and colleges of education.

Persons assisted

The number of recipients fluctuates from month to month: with every new school year or semester, a new age-group of pupils and students becomes eligible for training assistance, while others conclude their training during the year under review (which corresponds to the calendar year) or cease to be eligible for BAföG training assistance for other reasons. Constant fluctuations in the number of assisted students thus lead to different ways of counting the number of pupils and students receiving grants or loans under the BAföG scheme. In the following tables the number of persons assisted is given in two different forms according to the type of information to be derived from the figures:

- Where the number of recipients is related to total BAföG expenditure (as shown in the tables below), this number is defined as average monthly number of recipients (arithmetic mean of the 12 monthly figures recorded) permitting calculation of the average monthly expenditure per person assisted.
- If the number of recipients is to be broken down e.g. by age, sex, educational background or family status, the total number of persons assisted during a specific year is given without regard to the actual duration of assistance, even if it has only been paid for certain months of that year. This total number is hence considerably greater than the average monthly number of recipients, who are assumed to receive assistance for the whole year under review. The total number of persons assisted which is given in the tables is the accumulated number of persons counted for the year under review.

Definitions (cont.)**Expenditure**

On behalf of the supreme Laender authorities responsible for training assistance, the Laender computer centres charged with the calculation of the amounts of assistance pass on their statistics to the statistical offices in the form of extracts from their input data and their calculation results. In the interest of using this rather efficient method of data acquisition for statistical purposes, small deviations of the expenditure recorded in the statistics (total of computer-calculated amounts of assistance) from the total of the payments actually made must be accepted. Such deviations may for instance occur when subsequent payments are made for the preceding calendar year after the statistics have been passed on. Another reason is the fact that, although nearly all amounts paid are calculated by computers, there is a need in certain special cases for manual calculation or correction.

Contents

Groups of requirement rates and education institutions

Persons assisted according to residence and type of assistance, average monthly number of persons assisted

104 to 106

according to family status and sex

107 to 109

Expenditure

according to type of assistance provided

107 to 109

**Persons assisted according to Residence during Training,
Type of Assistance provided, Groups of Requirement Rates and
Education Institutions**

Year	Persons assisted						Average monthly Stock
	Total	of which		received full Amount			
		lived with Parents	lived away from home	Total	of which lived		
					with Parents	away from home	
Number			Per Cent		Number		
1. Secondary General Schools							
1979	295	4	291	222	—	100.0	137
1981	348	1	347	183	—	100.0	150
1983	467	7	460	194	2.1	97.9	209
1985	467	—	467	206	—	100.0	214
1987	460	—	460	207	—	100.0	223
2. Intermediate Schools							
1979	1407	2	1405	801	0.1	99.9	699
1981	1558	6	1552	688	0.3	99.7	709
1983	1424	1	1423	664	—	100.0	680
1985	1107	—	1107	497	—	100.0	519
1987	863	1	862	424	0.2	99.8	399
3. Integrated Comprehensive Schools							
1979	3405	3262	143	1284	95.1	4.9	2326
1981	4612	4371	241	1229	93.7	6.3	2993
1983	2941	2746	195	905	92.8	7.2	1835
1985	398	225	173	207	61.4	38.6	225
1987	171	4	167	70	2.9	97.1	104
4. Grammar Schools							
1979	220493	207015	13478	88870	92.2	7.8	150001
1981	241225	227032	14193	66334	92.2	7.8	160777
1983	142731	130331	12400	43064	87.6	12.4	87340
1985	19338	9013	10325	50.5	50.5	49.5	11118
1987	9851	43	9808	5066	0.5	99.5	6295
5. Full-time Vocational Schools							
1979	286701	253441	33260	150175	90.8	9.2	162717
1981	355749	317666	38083	145938	91.8	8.2	194304
1983	231960	189762	42198	90662	83.8	16.2	135918
1985	44017	3352	40665	17241	11.0	89.0	26494
1987	38921	180	38741	14823	0.8	99.2	23313
6. Technical Secondary School Grades (completed Vocational Training not required)							
1979	23916	20218	3698	10494	83.0	17.0	14659
1981	26212	22639	3573	8940	84.8	15.2	15786
1983	15736	12786	2949	5667	78.8	21.2	9345
1985	3014	238	2776	1388	10.2	89.8	1671
1987	2748	—	2748	1236	—	100.0	1533
7. Total (1.-6.)							
1979	536217	483942	52275	251846	90.6	9.4	330530
1981	629704	571715	57989	223312	91.3	8.7	374719
1983	395258	335633	59625	141156	84.3	15.7	235317
1985	68341	12828	55513	29822	24.7	75.3	40241
1987	53014	228	52786	21826	0.7	99.3	31867

**Persons assisted according to Residence during Training,
Type of Assistance provided, Groups of Requirement Rates and
Education Institutions (cont.)**

Year	Persons assisted						Average monthly Stock
	Total	of which		received full Amount			
		lived with- Parents	lived away from home	Total	of which lived		
					with Parents	away from home	
8 Evening General Schools							
1979	1078	622	456	584	53.8	46.2	530
1981	2004	1231	773	1036	54.7	45.3	1058
1983	2128	1396	732	1079	63.9	36.1	1045
1985	1787	1249	538	883	65.8	34.2	879
1987	1836	1211	625	948	62.7	37.3	944
9 Vocational Extension Schools							
1979	18387	13125	5262	10317	67.0	33.0	10347
1981	25522	18434	7088	14351	73.0	27.0	14939
1983	17028	12527	4501	8857	74.7	25.3	9771
1985	2828	23	2805	1515	0.7	99.3	1455
1987	3222	1	3221	1754	0.1	99.9	1600
10 Technical Secondary School Grades (completed Vocational Training required)							
1979	30691	24667	6024	15681	76.5	23.5	16097
1981	48522	38486	10036	30313	81.2	18.8	23997
1983	31423	22542	8881	15742	72.8	27.2	16502
1985	6301	42	6259	3512	0.6	99.4	3059
1987	8936	—	8936	4784	—	100.0	4111
11. Total (8 bis 10.)							
1979	50156	38414	11742	26582	72.3	27.7	26974
1981	76048	58151	17897	45700	78.0	22.0	39994
1983	50579	36465	14114	25678	73.1	26.9	27318
1985	10916	1314	9602	5910	10.4	89.6	5393
1987	13994	1212	12782	7486	7.9	92.1	6655
12. Evening Grammar Schools							
1979	3796	583	3213	3270	15.2	84.8	2464
1981	3947	673	3274	2523	16.2	83.8	1564
1983	3309	519	2790	1444	9.9	90.1	2106
1985	2755	430	2325	1321	12.4	87.6	1732
1987	2776	487	2289	1327	12.9	87.1	1749
13. Full-time Adult Education Colleges							
1979	15920	3755	12165	14217	23.5	76.5	11457
1981	20631	5993	14638	9478	20.9	79.1	14577
1983	20146	5972	14174	51541	11.6	88.4	14465
1985	19958	5268	14690	5955	11.3	88.7	13945
1987	21255	5669	15586	6739	12.6	87.4	14694
14 Trade and Technical Schools							
1979	54763	30920	23843	27496	58.0	42.0	34839
1981	55745	33735	23810	25355	63.7	36.3	36118
1983	35272	21293	13979	19254	66.1	33.9	19063
1985	23084	13853	9231	15978	66.0	34.0	11874
1987	25525	15078	10452	17343	65.6	34.4	12963

Training Assistance

Persons assisted according to Residence during Training,
Type of Assistance provided, Groups of Requirement Rates and
Education Institutions (cont.)

Year	Persons assisted						Average monthly Stock	
	Total	of which			received full Amount			
		lived with Parents	lived away from home	Total				
						of which lived		
						with Parents		away from home
Number	Per Cent					Number		
15. Total (12. - 14.)								
1979	74479	35258	39221	44983	44.0	56.0	48760	
1981	82123	40401	41722	37356	49.6	50.4	53259	
1983	58727	27784	30943	25839	52.1	47.9	35634	
1985	45797	19551	26246	23254	48.9	51.1	27551	
1987	63550	21229	28327	25409	48.8	51.2	29406	
16. Advanced Trade and Technical Schools, Academies								
1979	9834	4132	5702	3563	35.7	64.3	6568	
1981	10311	4502	5809	3154	38.2	61.8	6970	
1983	7929	3350	4579	2480	34.4	65.6	6081	
1985	7022	2488	4534	2585	30.0	70.0	4618	
1987	6261	2195	4066	2068	27.7	72.3	4118	
17. Fachhochschulen								
1979	118954	32652	86302	55848	25.1	74.9	82042	
1981	133629	37514	96115	49205	28.9	71.1	90454	
1983	142239	41575	100664	53785	27.8	72.2	96339	
1985	134819	38117	96702	54084	27.0	73.0	91913	
1987	135791	37983	97808	50057	27.2	72.8	92622	
18. Colleges of Art and Music								
1979	5712	850	4862	2204	10.9	89.1	4231	
1981	5884	824	5060	1782	9.9	90.1	4420	
1983	4917	583	4334	1629	7.4	92.6	3663	
1985	4341	440	3901	1531	7.6	92.4	3116	
1987	4023	320	3703	1418	6.7	93.3	3004	
19. Universities								
1979	315955	59240	256715	118850	14.7	85.3	231513	
1981	332005	61626	270379	88305	15.9	84.1	242171	
1983	320121	55957	246164	90603	15.3	84.7	220854	
1985	264708	45270	219438	89892	14.6	85.4	190639	
1987	238989	40759	198230	80307	15.3	84.7	173114	
20. Total (16. - 19.)								
1979	450455	98874	353581	180465	18.3	81.7	324354	
1981	481829	104466	377363	142446	20.8	79.2	344015	
1983	457206	101465	355741	148497	20.1	79.9	326937	
1985	410890	86315	824575	148092	19.3	80.7	290286	
1987	385064	81257	303807	133850	19.3	80.2	272858	
21. Total (7., 11., 15. and 20.)								
1979	1111343	654499	456844	503905	59.6	40.4	730634	
1981	1269758	774746	495012	448854	64.1	35.9	812014	
1983	961797	501357	460440	341183	53.1	46.6	625223	
1985	535969	120013	415956	207095	23.2	76.8	363485	
1987	501660	103933	397727	188592	21.0	79.0	340802	

Expenditure according to Type of Assistance and assisted Persons according to Family Status, Groups of Requirement Rates and Education Institutions

Year	Expenditure			Persons assisted			
	Total	of which Loans	average Amount granted per assisted Person	Family Status			
				Single		Married	
	Thousand DM	Per Cent	DM per Month	Male	Female	Male	Female
	1. Secondary General Schools						
1979	1188	—	723	126	168	—	1
1981	1405	—	781	141	204	—	2
1983	2132	—	850	235	229	2	1
1985	2196	—	855	261	203	—	2
1987	1977	—	739	258	200	—	2
	2. Intermediate Schools						
1979	3558	—	424	410	991	1	5
1981	4030	0.0	474	520	1036	—	2
1983	3767	—	469	502	923	—	*
1985	3303	—	487	399	7075	—	1
1987	2498	—	522	305	553	1	1
	3. Integrated-Comprehensive Schools						
1979	5230	—	187	1727	1661	2	15
1981	6863	—	191	2329	2257	2	18
1983	4454	—	202	1486	1433	6	12
1985	805	—	298	192	195	2	6
1987	558	—	447	78	83	1	8
	4. Grammar Schools						
1979	359204	0.0	200	116815	102869	214	500
1981	387974	0.0	201	124064	116168	291	565
1983	229918	0.0	219	72455	69544	232	388
1985	49571	0.0	372	10415	8510	150	194
1987	41568	—	550	5481	3834	190	252
	5. Full-Time Vocational Schools						
1979	454589	0.0	233	109624	175248	275	1187
1981	550844	0.0	236	142715	210844	336	1385
1983 ²⁾	431296	0.0	264	83262	146541	437	1313
1985 ²⁾	128700	0.0	405	8920	33813	316	6794
1987 ²⁾	123461	0.0	441	8046	29328	366	802
	6. Technical Secondary School Grades (completed Vocational Training not required)						
1979	39556	0.0	225	13222	10274	117	189
1981	43376	0.0	229	13651	12162	118	182
1983	27724	0.0	247	8070	7404	88	105
1985	8627	—	430	1550	1364	25	42
1987	8749	0.1	476	1300	1284	44	64
	7. Total (1 - 6.)						
1979	863325	0.0	218	241924	291211	609	1897
1981	994492	0.0	221	283420	342671	748	2154
1983	699291	0.0	258	166009	226074	765	1819
1985	192929	0.0	400	21737	44792	493	924
1987	178811	0.0	468	15468	35282	602	1129

Training Assistance

Expenditure according to Type of Assistance and assisted Persons according to Family Status, Groups of Requirement Rates and Education Institutions (cont.)

Year	Expenditure			Persons assisted			
	Total	of which Loans	average Amount granted per assisted Person	Family Status			
				Single		Married	
				Male	Female	Male	Female
	Thousand DM	Per Cent	DM per Month				
8. Evening General Schools							
1979	2659	—	418	443	411	37	107
1981	5621	—	443	942	822	32	95
1983	5709	—	455	1024	901	35	79
1985	4898	—	464	827	802	21	67
1987	5574	—	492	878	800	29	54
9. Vocational Extension Schools							
1979	50096	—	404	11130	5836	570	430
1981	79545	0.0	444	15930	8116	619	394
1983	53577	0.0	457	11240	5069	313	179
1985	9939	—	569	1632	971	100	59
1987	11649	—	607	1890	999	149	74
10. Technical Secondary School Grades (Completed Vocational Training required)							
1979	76706	0.0	397	23762	5083	986	429
1981	131285	0.0	456	37429	8806	1165	584
1983	92653	0.0	468	24658	5360	805	275
1985	21495	—	586	4036	1846	214	95
1987	30490	—	618	5538	2554	438	185
11. Total (8 - 10)							
1979	129461	0.0	400	35335	11330	1593	966
1981	216451	0.0	451	54301	17744	1816	1073
1983	151939	0.0	463	36922	11330	1153	533
1985	36332	—	561	6495	3619	335	221
1987	47713	—	597	8306	4353	616	313
12. Evening Grammar Schools							
1979	16201	—	548	1410	1445	246	360
1981	17553	0.0	570	1535	1584	177	316
1983	14633	—	579	1281	1453	129	227
1985	12548	—	604	1079	1243	91	192
1987	13272	0.0	632	1175	1251	63	156
13. Full-time Adult Education Colleges							
1979	75084	0.0	546	8653	5233	558	685
1981	95909	0.0	548	11138	7457	541	666
1983	94484	0.0	544	10958	7467	427	547
1985	96507	0.0	577	10969	7494	364	467
1987	107493	0.0	610	11347	8472	293	457
14. Trade and Technical Schools							
1979	176158	0.0	421	14393	37466	898	1586
1981	187661	0.0	433	16702	38105	908	1466
1983	108473	0.1	474	15847	17610	853	700
1985	74726	0.2	524	14768	7233	667	269
1987	84652	0.1	544	15786	8616	669	319

Training Assistance

Expenditure according to Type of Assistance and assisted Persons according to Family Status, Groups of Requirement Rates and Education Institutions (cont.)

Year	Expenditure			Persons assisted			
	Total	of which Loans	average Amount granted per assisted Person	Family Status			
				Single		Married	
				Male	Female	Male	Female
	Thousand DM	Per Cent	DM per Month				
15. Total (12 - 14)							
1979	267443	0.0	457	24456	44144	1702	2631
1981	301123	0.0	471	29375	47146	1626	2448
1983	217590	0.0	509	28086	26530	1409	1474
1985	183781	0.1	556	26816	15970	1122	928
1987	205417	0.0	582	28308	18339	1025	932
16. Advanced Trade and Technical Schools, Academies							
1979	35925	30.5	456	1587	7719	198	259
1981	38909	29.0	465	1762	7982	236	272
1983	35372	48.3	485	1417	6052	213	194
1985	28582	97.9	516	1345	5304	193	141
1987	25639	98.0	519	1321	4637	144	129
17. Fachhochschulen							
1979	466264	32.5	474	73902	29973	10159	3073
1981	560711	29.8	517	82123	36278	9678	3478
1983	618404	47.3	535	90427	36858	9615	3240
1985	619225	98.7	561	88565	33866	7999	2595
1987	651726	99.7	586	92391	32776	7051	2064
18. Colleges of Art and Music							
1979	23802	40.3	469	3021	2085	274	186
1981	26262	36.9	495	3080	2218	259	182
1983	22991	48.4	523	2535	1885	218	156
1985	20808	98.6	556	2181	1791	168	114
1987	21258	98.7	590	2051	1665	134	104
19. Universities							
1979	1273057	37.9	458	171524	110575	18027	10800
1981	1413137	35.4	486	177656	121371	16462	11112
1983	1348602	46.9	509	163072	111304	13341	9621
1985	1235949	98.4	540	145357	97722	10148	7480
1987	1175118	99.1	566	132763	89447	7706	5741
20. Total (16 - 19)							
1979	1799048	36.4	462	250034	150352	28658	14318
1981	2039019	33.8	494	264621	167849	26635	15044
1983	2025369	47.0	516	257451	156099	23387	13211
1985	1904564	98.5	547	237448	138683	18508	10330
1987	1873741	99.3	572	228526	128525	15035	8038
21. Insgesamt (7, 11., 15 and 20)							
1979	3059375	21.4	349	551770	497044	32565	19815
1981	3551261	19.4	364	631739	575429	30830	20723
1983	3094297	30.8	412	488484	420039	26718	17038
1985	2317702	81.0	531	292508	203071	20461	12403
1987	2305796	80.7	564	280621	186508	17282	10414

Definitions**Definition of
"continuing education"**

Since there are many different types of continuing education and since it overlaps with other forms of education, a generally accepted definition is very difficult to apply in statistics. The definition given by the Federal-Laender Commission for Education Planning may serve as an example: "Continuing education is the continuation or resumption of organized learning after completion of a first phase of education and after embarking on working life."

**Statistics supplied by
continuing education
institutions**

Complete statistics on students, number and subjects of continuing education courses are available so far for few institutions only. As an example of the type of statistical data supplied by institutions information on Adult Education Institutes (Volkshochschulen), i.e. institutions holding an important position in continuing general and vocational education, is compiled below.

Other continuing education institutions are for example:
Chambers of Industry and Commerce,
Central Organisation of the German Crafts,
Association of Chambers of Agriculture,
Rationalisation Board of German Industry,
German Trade Union Federation,
German Protestant Working Association for Adult Education,
Federal Catholic Working Association for Adult Education.

Remark:

Further vocational education and re-training are provided according to the Labour Promotion Act (AFG). The Federal Employment Institute is responsible for the financing.

	Contents	
Participants	according to Purpose of Education and Subjects Taught	112
	according to Age, Sex, Qualification, Type and Duration of Courses	115
Adult Education Centres (Volkshochschulen)	according to Institutions, Staff, Students and Laender	114
Adult Education Events	organized by the Protestant and Catholic Churches and by Adult Education Centres according to Subjects, Classes and Participants	113

Participants in Continuing Education Courses according to Purpose of Education and Subjects Taught

Purpose/ Subjects	In Per Cent of Population aged 19 to under 65		
	1979	1982	1985
All Continuing Vocational Education	10	12	12
Retraining Courses	1	1	1
Courses for Occupational Promotion (e.g. to the Level of Master, Technician or Business Manager)	2	2	2
Special Courses Offered by a Company to Train Staff for New Jobs	3	4	3
Other Education during Employment	6	8	8
All Continuing General Education¹⁾	12	14	11
Health and Health-Conscious Life-Styles	3	3	2
Insurance, Pension and Tax Law and Other Legal Matters	2	2	2
Domestic Science	1	0	0
Child Care	1	1	1
Personal/Family Problems	1	1	1
Languages	3	4	4
Practical Knowledge (e.g. First-Aid, House and Car Repair Work etc.)	3	3	2
Science and Technology	2	1	2
Leisure Pursuits (e.g. Amateur Handicrafts, Playing an Instrument, Animal Care, Gardening and Other Hobbies)	2	3	3
Art, Literature, Religion, History, Geography etc.	2	2	1
Political Further Education			
Participation in Courses or Lectures on the Rights and Obligations of Citizens and on Political Subjects	2	2	2
Participation in at Least One of the Above Types of Continuing Education¹⁾ (Vocational, General or Political)	18	22	19
Resumed Education or Training	2	4	3
Other Continuing Education	3	5	5
Total Percentage)	23	29	25

¹⁾ Under the individual subjects (e.g. "Health and Health-conscious life-styles") each participant has been counted only once irrespective of the number of courses he or she took in that subject. Since some participants followed several courses in different subjects, the aggregate of the individual percentages may exceed the sub-totals given for the categories showing the purpose of their continuing education (e.g. continuing general education) and the total percentage.

Source: BMBW, Berichtssystem Weiterbildungsverhalten (Federal Ministry of Education and Science: A Reporting System on Continuing Education Patterns, a representative survey of some 8 000 persons in 1979 and 1982 and some 4 000 persons in 1985).

Adult Education Events Organized by the Protestant and Catholic Churches and by Adult Education Centres according to Subjects

Year/ Subject	Protestant Church ¹⁾			Catholic Church ²⁾			Events Organized by Adult Education Centres		
	E	C	P	E	C	P	E	C	P
	Total (Thousands)								
1977	36	677	1699	74	1482	5145	288	7892	6844
1978	64	970	2600	84	1888	5636	322	8982	7306
1979	91	740	2799	92	1864	6311	353	8946	7704
1980	113	888	3398	98	2332	6761	379	9668	7979
1981	117	974	3350	102	2246	6497	387	9954	8297
1982	117	995	3425	122	2093	6281	379	9815	7712
1983	116	1035	3509	131	2195	6470	387	9964	7699
1984	115	1048	3282	139	2256	6620	407	10559	8182
1985	115	1063	3201	140	2310	6432	417	10920	7920
1986	121	1163	3338	144	2625	6753	441	11721	8376
1987	•	•	•	144	2686	6761	464	12407	8592
	Subjects (Per Cent)								
social Science	12.3	11.2	14.0	9.8	6.6	10.0	2.1	0.9	3.1
Current Affairs etc.	2.1	2.3	1.9	2.2	2.1	1.8	1.6	0.8	2.2
Sociology etc.									
Education and School Matters	19.4	22.6	16.1	16.9	15.4	14.5	3.7	2.5	4.0
Humanities									
Philosophy, Theology	23.0	15.3	25.4	24.4	14.4	27.5	0.5	0.3	0.7
Literature, Art	18.2	12.1	24.3	20.0	13.1	28.6	9.1	1.1	18.1
Languages	0.5	0.9	0.5	1.2	4.3	0.5	25.7	31.7	18.7
Economy and Commercial Studies	0.4	0.4	0.4	1.2	2.0	0.9	5.5	9.1	4.6
Mathematics, Natural Sciences, Engineering	1.2	1.0	1.2	1.7	1.2	1.7	6.6	6.9	6.8
Leisure Pursuits, Health, Domestic Science									
Handicrafts	9.4	13.6	6.5	7.0	8.8	4.4	16.8	13.4	11.8
Health	12.1	17.0	8.6	14.2	22.7	9.2	22.3	16.3	19.8
School Courses									
School Certificates	0.0	1.0	0.0	8.3	6.6	0.1	0.9	9.2	0.8
Other Subjects	1.4	2.5	1.1	1.2	2.8	0.8	5.2	6.9	9.3

E = Events; C = Classes; P = Participants

¹⁾ Minimum number recorded (incomplete); 1985 subjects

²⁾ 1985 subjects; not including North-Rhine Westphalia

³⁾ 1987 subjects

⁴⁾ Including study trips and tours

Source: German Protestant Working Group for Adult Education, Federal Catholic Working Group for Adult Education, Association of German Adult Education Centres

Adult Education Centres (Volkshochschulen) according to Institutions, Staff, Students, and Laender

Year Land	Adult Education Centres						
	Institu- tions ¹⁾	Courses	Students	Individual Events ²⁾		Staff ³⁾	
				Total	Students	Total	of which Teachers
	Number	Thousands	Number	Thousands	Number		
Federal Republic							
1965	5870	77837	1695.7	66000	5086.7	28100	13500
1970	5237	109881	2227.3	60849	3736.3	41700	21100
1971	5089	126245	2540.6	57362	3666.4	44980	23540
1972	4775	145754	2868.2	56613	3657.7	51211	27840
1973	4636	165857	3212.4	61180	3764.1	59253	31140
1974	4494	181763	3458.1	60612	3834.7	65442	34769
1975	4289	195546	3761.0	64766	3748.0	71704	38067
1976	4264	210805	3770.5	55841	3392.2	78608	40916
1977	5021	224831	3757.5	53307	2675.4	84815	40055
1978	5388	253199	4144.1	60305	3227.4	99573	47611
1979	4905	280488	4411.6	62981	3355.2	106568	46673
1980	4817	301444	4633.0	68091	3411.7	118007	50260
1981	4906	308380	4676.8	69517	3668.0	117768	47954
1982	5050	303215	4551.9	67704	3278.2	118244	29841
1983	4919	311427	4606.6	67829	3227.5	117644	27407
1984	4834	327167	4773.5	72106	3521.2	122269	34207
1985	4801	334993	4826.3	74364	3365.7	126947	35537
1986	4683	360463	5184.3	73436	3424.4	134115	36234
1987	4762	377877	5336.9	78072	3474.2	143376	39866
Laender 1987							
BW	1067	70329	931.1	16775	737.8	24660	8664
BA	1300	80183	1143.2	22044	1031.7	27360	5512
HE	445	38308	495.6	7166	353.6	13993	3184
NS	563	50060	671.9	3767	133.3	21111	6942
NW	504	78964	1214.6	16343	641.4	32796	9174
RP	494	20993	280.0	5117	269.0	8162	2859
SA	84	5559	82.4	1232	71.1	1972	923
SH	275	18879	262.0	3603	181.6	7878	1959
BE	16	9511	166.7	1869	50.3	3009	253
BR	6	2549	39.7	75	1.6	1134	198
HA	8	2542	49.7	81	2.8	1301	198

¹⁾ Including external departments

²⁾ Including lecture series

³⁾ Not including persons giving individual lectures

Source: Association of German Adult Education Centres

Persons Who Have Followed Continuing Vocational Education Courses since 1983 (1987 Sample Census)

Variables	Workforce ¹⁾						
	Total		Participants in Courses since 1983				
	Total	Female	Total	Female	Total	Male	Female
	Thousands				Per Cent ²⁾		
Aged							
15-20	1853	848	126	61	6.8	6.4	7.2
20-25	4110	1921	512	246	12.5	12.2	12.8
25-30	3731	1576	643	231	17.2	19.1	14.7
30-35	3356	1303	580	180	17.3	19.5	13.8
35-40	3303	1284	508	147	15.4	17.9	11.5
40-45	2968	1134	388	108	13.1	15.3	9.6
45-50	3845	1421	375	104	9.7	11.2	7.3
50-55	2995	1051	204	54	6.8	7.7	5.1
55+	3290	1120	150	33	4.6	5.4	3.0
Total	29449	11656	3486	1165	11.8	13.0	10.0
Previous General Education/Qualification							
Secondary General School Certificate	17998	6592	1251	325	6.9	8.1	4.9
Intermediate School Certificate	6670	3372	1071	451	16.1	18.8	13.4
Entrance Qualification for Higher Education Institutions	4586	1606	1160	387	25.3	25.9	24.1
Type of Continuing Vocational Education							
On-the-Job-Training	1314	413	1314	413	37.7	38.9	35.4
Courses offered by Chambers	241	65	241	65	6.9	7.6	5.5
At Special Retraining Centres	1123	384	1123	384	32.2	31.8	33.0
At a Vocational School/Institution of Higher Education	306	115	306	115	8.8	8.2	9.9
Correspondence Courses	43	13	43	13	1.2	1.3	1.2
Other	459	175	459	175	13.2	12.2	15.0
Total	3486	1165	3486	1165	100	100	100
Duration of Courses							
Less than 1 Month	1673	553	1673	553	48.0	48.2	47.5
1 to under 6 Months	661	205	661	205	18.9	19.6	17.6
6 to under 12 Months	248	89	248	89	7.1	6.9	7.6
1 Year to under 2 Years	222	83	222	83	6.4	6.0	7.1
2 Years and More	219	70	219	70	6.3	6.4	6.0
Still lasting at Time of Census	463	165	463	165	13.3	12.8	14.1
Total	3486	1165	3486	1165	100.0	100.0	100.0

¹⁾ 1987 sample census results; ²⁾ Per cent of workforce

Definitions**The Education Budget**

The education budget in the strict sense includes the statistically established expenditure on the entire sector of education, which, in accordance with the definition given in the General Plan for Education, includes the pre-school sector and the out-of-school youth education, school and higher education, continuing education, training assistance and the joint research support provided by the Federal and the Laender governments.

Expenditure on research and development, expenditure by the Federal Employment Office on educational measures and the outlay of private industry for education and research are not broken down specifically.

Expenditure on administration, retirement pensions and the cultural sector are not included.

Pre-School Education, Out-Of-School Youth Education

Expenditure given for this area includes expenditure on kindergartens and on out-of-school youth education plus expenditure on some government-supported youth welfare institutions and some of the support given to private and NPO youth welfare institutions to the extent that these funds are used for out-of-school youth education.

Schools

Expenditure on schools includes that on primary schools, secondary general schools, special schools, intermediate schools, grammar schools, comprehensive schools, vocational schools including trade and technical schools as well as the outlay for courses which cannot be assigned to any individual school type.

Institutions of Higher education

Expenditure on higher education includes expenditure on universities, technical universities, university clinics, colleges of education and institutions offering in-service training for teachers, comprehensive universities, colleges of art and music, Fachhochschulen and on courses which cannot be assigned to any individual type of institution.

Continuing Education

Expenditure includes that on adult education centres, in-service training of teachers, initial and continuing in-firm and inter-firm training, political education, public libraries, vocational and specialized academies as well as on other measures or institutions of continuing education.

Assistance Measures

Expenditure includes that on training and other assistance to pupils as well as that on pupil transport; the outlay for loans and grants awarded to students including other assistance to students as well as support for student accommodation; other measures in support of education.

R&D Expenditure

Expenditure on research and experimental development as defined in the Frascati Manual: "creative work undertaken on a systematic basis in order to increase the stock of knowledge including knowledge of man, culture and society and the use of this stock of knowledge to devise new applications."

Of the expenditure on higher education institutions and university clinics, only the amounts spent on research and development have been included.

	Contents	
Expenditure on Education and Research	Public and Private Expenditure according to Expenditure Areas	118
	Public and Private Expenditure according to Expenditure Areas in Per Cent of the National Product	119
Expenditure on Education in terms of the Education Budget	according to Expenditure Areas	120
	according to Expenditure Areas and Types of Expenditure	121
	Annual Growth in Per Cent	122
	Per Inhabitant in DM	122
	In Per Cent of the Total Public Budget	123
	In Per Cent of the National Product	123

Expenditure on Education and Research by the Public and the Private Sectors according to Expenditure Areas
DM Billion

Expenditure Area	Public and Private Expenditure on Education and Research in					
	1970	1975	1980	1985	1986	1987
Expenditure on Education as Defined by the Education Budget						
Pre-School Stage						
out-of-School						
Youth Education	0.9	2.4	3.5	4.3	4.5	4.9
Schools	17.1	32.8	43.8	46.8	48.1	49.2
Institutions of Higher Education	6.9	13.6	17.8	21.4	23.1	24.7
Continuing Education	0.6	1.1	2.3	3.0	3.1	3.2
Promotion Measures of which:	1.0	4.4	6.2	5.3	5.1	4.8
Training Assistance ¹⁾	•	2.6	3.6	2.3	2.4	2.4
Joint Research Support ²⁾	1.3	2.6	3.6	4.5	4.8	5.0
Total	27.8	56.8	77.1	85.3	88.7	91.9
Other Public Expenditure on Research and Development in Specific Areas (incl. Defence)						
Total	3.7	6.2	9.2	12.5 ³⁾	12.7 ³⁾	13.5 ³⁾
Expenditure on Measures by the Federal Employment Office						
Total	0.9	3.3	4.6	5.9	7.2	8.8
Expenditure on Education and Research by the Private Sector (incl. Foundations and Donations)						
Vocational Education and Training, Continuing Education ³⁾	6.9	10.0	15.5	31.4 ⁴⁾	32.8 ⁴⁾	34.0 ⁴⁾
Research and Development ⁴⁾	7.9	12.0	20.3	31.5 ⁴⁾	33.1 ⁴⁾	35.1 ⁴⁾
Total	14.8	22.0	35.8	62.9	65.9	69.1
Total Expenditure						
Total	47.2	88.3	126.7	166.2	174.5	183.3

¹⁾ Expenditure by virtue of the Federal Training Assistance Act

²⁾ Up to 1984, actual expenditure; for 1985, planned expenditure

³⁾ Estimates; since 1981 new estimates on the basis of recent research by the Federal Institute for Vocational Training

⁴⁾ Since 1980 extended basis

Expenditure on Education and Research by the Public and the Private Sectors according to Expenditure Areas
in Per Cent of the National Product

Expenditure Area	Public and Private Expenditure on Education and Research in					
	1970	1975	1980	1985	1986	1987
Expenditure on Education as Defined by the Education Budget						
Pre-School Stage						
out-of-School						
Youth Education	0.13	0.24	0.24	0.23	0.23	0.24
Schools	2.53	3.19	2.95	2.54	2.47	2.43
Institutions of Higher Education	1.02	1.32	1.19	1.16	1.18	1.22
Continuing Education	0.09	0.10	0.15	0.16	0.16	0.16
Promotion Measures of which:	0.15	0.43	0.42	0.29	0.26	0.24
Training Assistance	•	0.25	0.24	0.14	0.12	0.12
Joint Research Support	0.20	0.25	0.24	0.25	0.25	0.25
Total	4.11	5.52	5.19	4.62	4.55	4.54
Other Public Expenditure on Research and Development in Specific Areas (incl. Defence)						
Total	0.54	0.60	0.62	0.66	0.63	0.67
Expenditure on Measures by the Federal Employment Office						
Total	0.13	0.32	0.31	0.32	0.37	0.43
Expenditure on Education and Research by the Private Sector (incl. Foundations and Donations)						
Vocational Education and Training, Continuing Education	1.02	0.97	1.04	1.71	1.68	1.68
Research and Development	1.16	1.16	1.44	1.69	1.71	1.73
Total	2.18	2.13	2.48	3.41	3.39	3.42
Total Expenditure						
Total	6.99	8.58	8.60	6.98	8.94	9.06

⁵⁾ Estimates

⁶⁾ Including DM 9.6 billion on continuing education for 1984 and 1983

⁷⁾ Estimate of minimum amount

Source: Bund-Länder Commission for Education at Planning and Research Promotion; Federal Ministry for Research and Technology; Federal Employment Office

7 The Education Budget/Research Expenditure

Expenditure on Education¹⁾ by the Federal Government, the Laender and Local Authorities according to Expenditure Areas DM Billion

Year	Expenditure on Education ¹⁾						
	Total	of which					
		Elementary Stage, out-of-school Youth Education	Schools	Institutions of Higher Education	Continuing Education	Promotion Measures	Joint Research Promotion ²⁾
1965	15676	614	10209	3541	293	385	634
1970	27759	902	17066	6873	581	1010	1327
1971	34876	1154	21394	8430	697	1688	1513
1972	39255	1452	23337	9441	820	2480	1725
1973	44624	1733	26495	10688	965	2776	1966
1974	52130	2304	30322	12802	928	3533	2242
1975	56835	2421	32779	13585	1054	4430	2566
1976	58093	2610	33504	13782	1284	4172	2740
1977	60407	2601	34737	14325	1517	4404	2825
1978	64674	2861	37236	14890	1831	4835	3021
1979	69936	3290	39971	16064	2124	5221	3266
1980	77127	3556	43780	17750	2291	6183	3566
1981	80873	4017	45775	18651	2374	6290	3766
1982	81832	3927	45845	19296	2379	6413	3972
1983	82605	4073	45695	20278	2411	5926	4223
1984	83151	4017	45835	21292	2636	5009	4362
1985	85264	4265	46807	21415	2951	5304	4521
1986	88722	4498	48145	23073	3137	5052	4818
1987 ³⁾	91893	4949	49156	24715	3216	4812	5046
1988 ³⁾	92312	5080	49760	24592	2874	4831	5175

¹⁾ Net expenditure

²⁾ By the Federal Government and the Laender

³⁾ Estimates

Source: Bund-Laender Commission for Education at Planning and Research Promotion

7 The Education Budget/Research Expenditure

Expenditure on Education¹⁾ according to Expenditure Areas and Types of Expenditure DM Billion

Year	Expenditure on Education ¹⁾						
	Total	of which					
		Elementary Stage, out-of-school Youth Education	Schools	Institutions of Higher Education	Continuing Education	Promotion Measures	Joint Research Promotion ²⁾
Expenditure on Staff							
1970	13726	272	10015	3208	230	1	—
1975	29806	695	20679	7958	471	3	—
1980	43356	1141	30252	11172	776	16	—
1985	51253	1391	34797	14103	933	29	—
1986	53435	1504	36021	14871	1009	30	—
1987 ²⁾	55117	1577	36940	15513	1071	31	—
1988 ²⁾	56489	1630	37750	16002	1084	38	—
Expenditure on Material							
1970	3218	80	1795	1120	148	75	—
1975	7910	159	3637	2590	376	1149	—
1980	12367	415	5718	4065	603	1566	—
1985	16013	798	6646	5318	1136	2116	—
1986	16335	784	6660	5627	1252	2011	—
1987 ²⁾	17236	830	6697	6204	1281	2060	—
1988 ²⁾	17224	856	6905	6278	919	2106	—
Investment in Fixed Assets							
1970	6704	96	4152	2363	89	4	—
1975	10752	419	7604	2642	78	9	—
1980	9726	261	6784	2464	198	19	—
1985	6617	207	3670	2554	172	14	—
1986	6838	254	3632	2762	182	8	—
1987 ²⁾	7483	254	3692	3344	191	8	—
1988 ²⁾	6948	270	3836	2656	185	7	—

¹⁾ Direct expenditure

²⁾ Estimates

Source: Bund-Laender Commission for Education at Planning and Research Promotion

The Education Budget/Research Expenditure

Expenditure on Education¹⁾ according to Expenditure Areas, Annual Growth and per Inhabitant

Year	Expenditure on Education ¹⁾						
	Total		of which				
			Elementary Stage, out-of-School Youth Education	Schools	Institutions of Higher Education	Continuing Education	Promotion Measures Joint Research Promotion ²⁾
1965	16.2	16.1	14.0	21.5	8.1	22.6	24.8
1970	24.6	18.2	18.0	30.1	57.0	117.0	16.8
1975	8.2	5.1	6.6	5.9	-21.1	23.2	29.7
1980	10.3	8.1	9.5	10.5	7.9	18.4	9.2
1981	4.9	13.0	4.6	5.1	3.6	1.7	5.6
1982	1.2	-2.2	0.2	3.5	0.2	2.0	5.5
1983	0.9	3.7	-0.3	5.1	1.3	-7.6	6.3
1984	0.7	-1.4	0.3	5.0	9.3	-15.5	3.3
1985	2.6	6.2	2.1	0.6	12.0	5.9	3.7
1986	4.1	5.5	2.9	7.7	6.3	-4.8	6.6
1987	3.6	10.0	2.1	7.1	2.5	-4.8	4.7
1988	0.5	2.6	1.2	-0.5	10.6	0.4	2.6

Annual Growth in Per Cent

1965	16.2	16.1	14.0	21.5	8.1	22.6	24.8
1970	24.6	18.2	18.0	30.1	57.0	117.0	16.8
1975	8.2	5.1	6.6	5.9	-21.1	23.2	29.7
1980	10.3	8.1	9.5	10.5	7.9	18.4	9.2
1981	4.9	13.0	4.6	5.1	3.6	1.7	5.6
1982	1.2	-2.2	0.2	3.5	0.2	2.0	5.5
1983	0.9	3.7	-0.3	5.1	1.3	-7.6	6.3
1984	0.7	-1.4	0.3	5.0	9.3	-15.5	3.3
1985	2.6	6.2	2.1	0.6	12.0	5.9	3.7
1986	4.1	5.5	2.9	7.7	6.3	-4.8	6.6
1987	3.6	10.0	2.1	7.1	2.5	-4.8	4.7
1988	0.5	2.6	1.2	-0.5	10.6	0.4	2.6

Per Inhabitant in DM

1965	264	10	172	60	5	6	11
1970	455	15	280	113	10	17	22
1975	922	39	532	220	17	72	42
1980	1251	58	710	288	37	100	58
1981	1310	65	742	302	38	102	61
1982	1330	64	745	314	39	104	65
1983	1347	66	745	330	39	97	69
1984	1362	66	751	349	43	82	71
1985	1397	70	767	351	48	87	74
1986	1451	74	787	377	51	83	79
1987	1502	81	804	404	53	79	83
1988	1509	83	813	402	47	79	85

¹⁾ Net expenditure

²⁾ By the Federal Government and the Laender

The Education Budget/Research Expenditure

Expenditure on Education¹⁾ according to Expenditure Areas and Shares of the Total Budget and the National Product in Per Cent

Year	Expenditure on Education ¹⁾						
	Total		of which				
			Elementary Stage, out-of-School Youth Education	Schools	Institutions of Higher Education	Continuing Education	Promotion Measures Joint Research Promotion ²⁾
1965	11.2	0.4	7.3	2.5	0.2	0.3	0.5
1970	14.1	0.5	8.4	3.5	0.3	0.8	0.6
1975	15.8	0.7	9.2	3.8	0.3	1.2	0.7
1980	15.1	0.7	8.6	3.5	0.5	1.2	0.7
1981	14.9	0.7	8.5	3.4	0.4	1.2	0.7
1982	14.6	0.7	8.2	3.4	0.4	1.1	0.7
1983	14.5	0.7	8.0	3.6	0.4	1.0	0.7
1984	14.2	0.7	7.9	3.6	0.5	0.9	0.7
1985	14.1	0.7	7.7	3.5	0.5	0.9	0.7
1986	14.1	0.7	7.7	3.7	0.5	0.8	0.8
1987	14.1	0.8	7.6	3.8	0.5	0.7	0.8
1988	13.7	0.8	7.4	3.7	0.4	0.7	0.8

In Per Cent of the Total Public Budget

1965	11.2	0.4	7.3	2.5	0.2	0.3	0.5
1970	14.1	0.5	8.4	3.5	0.3	0.8	0.6
1975	15.8	0.7	9.2	3.8	0.3	1.2	0.7
1980	15.1	0.7	8.6	3.5	0.5	1.2	0.7
1981	14.9	0.7	8.5	3.4	0.4	1.2	0.7
1982	14.6	0.7	8.2	3.4	0.4	1.1	0.7
1983	14.5	0.7	8.0	3.6	0.4	1.0	0.7
1984	14.2	0.7	7.9	3.6	0.5	0.9	0.7
1985	14.1	0.7	7.7	3.5	0.5	0.9	0.7
1986	14.1	0.7	7.7	3.7	0.5	0.8	0.8
1987	14.1	0.8	7.6	3.8	0.5	0.7	0.8
1988	13.7	0.8	7.4	3.7	0.4	0.7	0.8

In Per Cent of the National Product

1965	3.4	0.13	2.2	0.77	0.06	0.08	0.14
1970	4.1	0.13	2.5	1.01	0.08	0.15	0.20
1975	5.5	0.24	3.2	1.32	0.10	0.43	0.25
1980	5.2	0.24	2.9	1.20	0.16	0.42	0.24
1981	5.2	0.26	3.0	1.21	0.15	0.41	0.24
1982	5.1	0.25	2.9	1.21	0.15	0.40	0.25
1983	4.9	0.24	2.7	1.21	0.14	0.35	0.25
1984	4.7	0.23	2.6	1.20	0.15	0.28	0.25
1985	4.6	0.23	2.5	1.16	0.16	0.29	0.25
1986	4.6	0.23	2.5	1.18	0.16	0.26	0.25
1987	4.5	0.24	2.4	1.22	0.16	0.24	0.25
1988	4.4	0.24	2.4	1.17	0.14	0.23	0.25

¹⁾ Net expenditure

²⁾ By the Federal Government and the Laender

Definitions**Labour Force**

Persons resident in the Federal Republic of Germany (resident concept) who exercise or seek an activity which is gainful directly or indirectly without regard for the importance of these earnings for their subsistence and without regard for the working time actually put in or due by contract.

Persons in Employment

Persons in gainful employment (including helping family members) and persons running a business on their own account.

	Contents	
The Population	Selected Aspects of Demographic Developments	126
	Selected Age-Groups	127
	according to Age and Sex	128 to 129
	Forecast according to Age and Sex	130 to 137
	according to Employment and Sex	138
	according to Type of Qualification obtained in General Education Schools	140 to 141
Labour Force	according to Employment and Sex	138
	according to Age-Groups	139
	according to Type of Qualification obtained in General Education Schools	140 to 141
Labour Force Participation	according to Age-Groups Rate	139
Persons in Employment	according to Sex	138
Gross National Product	National Income and Income of Private Households	142 to 143
Public Expenditure	by all Authorities, Federal Government, Länder, Local Authorities according to Expenditure on Staff, Current Spending on Material, Capital Spending	144 to 145

Selected Aspects of Demographic Developments

Year	Live Births	Surplus of Births	Marriages	Live Births	Surplus of Births	Marriages
	Thousand			Per Thousand Inhabitants		
German and Foreign						
1960	968.6	+325.7	521.4	17.4	+ 5.9	9.4
1965	1044.3	+366.7	492.1	17.1	+ 6.2	8.3
1970	810.8	+ 76.0	444.5	13.4	+ 1.3	7.3
1975	600.5	-148.7	386.7	9.7	- 2.4	6.3
1980	620.7	- 93.5	362.4	10.1	- 1.5	5.9
1981	624.6	- 97.6	359.7	10.1	- 1.6	5.8
1982	621.2	- 94.7	362.0	10.1	- 1.5	5.9
1983	594.2	-124.2	370.0	9.7	- 2.0	6.0
1984	584.2	-112.0	364.1	9.5	- 1.8	5.9
1985	586.2	-118.1	364.7	9.6	- 1.9	6.0
1986	626.0	- 75.9	372.0	10.3	- 1.2	6.1
1987	642.0	- 45.4	382.4	10.5	- 0.7	6.3
German						
1970	747.8	+ 21.0	•	12.8	+ 0.4	•
1975	504.7	-235.6	•	8.7	- 1.4	•
1980	540.0	-165.6	•	9.4	- 2.9	•
1981	544.5	-169.1	•	9.5	- 3.0	•
1982	548.2	-159.1	•	9.6	- 2.8	•
1983	532.7	-177.6	•	9.4	- 3.1	•
1984	529.4	-158.9	•	9.3	- 2.8	•
1985	532.4	-164.2	•	9.4	- 2.9	•
1986	567.3	-126.7	•	10.0	- 2.2	•
1987	574.8	-104.6	•	10.2	- 1.9	•
Foreign						
1970	63.0	+ 55.0	•	22.5	+19.6	•
1975	95.9	+ 86.9	•	24.1	+21.9	•
1980	80.7	+ 72.2	•	18.2	+16.3	•
1981	80.0	+ 71.5	•	17.2	+15.4	•
1982	73.0	+ 64.5	•	15.5	+13.7	•
1983	61.5	+ 53.4	•	13.6	+11.8	•
1984	54.8	+ 47.0	•	12.5	+10.7	•
1985	53.7	+ 46.0	•	12.3	+10.5	•
1986	58.7	+ 50.8	•	12.8	+11.1	•
1987	67.2	+ 59.2	•	14.2	+12.5	•

Selected Age-Groups of the Resident Population (Thousands)

Year	Age-Groups									
	3 to under 6		6 to under 10		10 to under 16		16 to under 19		19 to under 26	
	Total	For- eign	Total	For- eign	Total	For- eign	Total	For- eign	Total	For- eign
Actual Figures										
1960	2408	•	3050	•	4116	•	2312	•	6389	•
1965	2915	•	3495	•	4718	•	2307	•	5797	•
1970	3028	•	3968	•	5165	•	2378	•	5149	•
1971	2962	•	4080	•	5478	•	2448	•	5671	•
1972	2842	•	4123	•	5653	•	2522	•	5846	•
1973	2651	198	4101	214	5839	247	2600	158	6019	725
1974	2471	236	4026	240	6010	277	2670	150	6003	655
1975	2259	254	3886	247	6097	288	2740	134	5953	560
1976	2075	268	3649	254	6163	302	2823	138	5976	503
1977	1908	274	3413	273	6173	323	2927	144	6075	490
1978	1806	273	3143	302	6151	355	3000	156	6217	488
1979	1788	272	2876	336	6041	404	3096	179	6429	529
1980	1769	263	2696	371	5823	457	3190	227	6657	580
1981	1760	253	2513	373	5570	495	3231	248	6855	594
1982	1737	238	2405	354	5206	503	3210	248	7014	572
1983	1762	228	2344	321	4795	507	3136	233	7164	563
1984	1792	213	2291	279	4392	490	3049	222	7297	571
1985	1832	211	2289	272	4062	493	2912	224	7407	603
1986	1821	204	2321	277	3856	501	2716	241	7468	638
Forecast										
1986	1817	202	2328	285	3849	495	2706	232	7390	569
1987	1787	188	2377	293	3654	483	2504	245	7340	573
1988	1770	179	2427	295	3543	472	2284	257	7217	575
1989	1783	176	2446	287	3510	463	2096	267	6954	576
1990	1814	176	2421	273	3529	457	1927	270	6644	580
1991	1839	175	2403	260	3575	459	1819	263	6278	589
1992	1860	174	2395	251	3610	459	1791	252	5849	601
1993	1872	174	2417	248	3637	457	1766	238	5443	622
1994	1876	174	2454	247	3657	450	1762	234	5051	630
1995	1868	174	2484	247	3679	439	1757	235	4736	632
1996	1849	175	2506	246	3675	426	1801	244	4507	628
1997	1819	175	2516	246	3675	412	1850	250	4312	618
1998	1778	176	2512	246	3682	402	1890	249	4210	611
1999	1728	177	2495	246	3715	398	1872	238	4212	605
2000	1672	179	2463	248	3759	401	1844	226	4237	601
2005	1388	188	2133	261	3728	412	1919	218	4388	584
2010	1233	183	1788	265	3243	421	1878	219	4485	544
2015	1183	154	1616	229	2698	387	1589	205	4333	502
2020	1172	136	1577	193	2433	332	1322	187	3708	467
2025	1104	123	1546	172	2368	280	1207	159	3106	423
2030	975	113	1426	157	2316	249	1184	134	2825	360

Resident Population according to Age (Thousands)

Aged from up to under Years	Resident Population at the End of the Year									
	1982		1983		1984		1985		1986	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
German										
0-1	279.4	264.7	271.3	257.7	270.1	255.9	270.6	258.8	289.3	275.1
1-2	276.3	263.2	279.0	264.3	271.1	257.5	270.0	255.9	270.6	258.8
2-3	273.7	261.0	276.3	263.2	279.2	264.6	271.4	257.8	270.3	256.1
3-4	256.8	245.2	273.8	261.0	276.5	263.6	279.5	264.8	271.7	258.2
4-5	254.8	242.4	257.0	245.3	274.1	261.4	276.9	263.9	279.9	265.2
5-6	256.5	243.3	255.0	242.5	257.4	245.8	274.5	261.7	277.3	264.4
6-7	261.2	249.6	256.7	243.5	255.4	243.0	257.7	246.1	274.9	262.2
7-8	255.3	242.9	261.3	249.7	257.1	243.9	255.8	234.4	258.1	246.5
8-9	262.0	250.3	255.5	243.1	261.8	250.1	257.5	244.3	256.3	243.8
9-10	270.4	259.3	262.2	250.4	255.9	243.5	262.1	250.5	257.9	244.7
10-11	307.4	293.6	270.7	259.5	262.7	250.9	256.3	243.8	262.6	250.9
11-12	352.0	334.9	307.6	293.9	271.1	259.9	263.1	251.2	256.7	244.3
12-13	372.9	356.8	352.2	335.2	308.0	294.3	271.4	260.3	263.4	251.6
13-14	426.7	408.0	373.0	357.0	352.6	335.7	308.3	294.6	271.8	260.7
14-15	462.9	441.5	426.8	408.2	373.4	357.4	352.6	336.0	308.7	294.9
15-16	483.7	462.2	463.0	441.6	427.1	408.6	373.7	357.7	353.2	336.3
16-17	499.3	447.0	483.6	462.3	463.2	442.0	427.3	408.9	373.9	358.0
17-18	502.5	478.6	499.0	477.1	483.6	462.7	463.2	442.2	427.4	409.2
18-19	514.4	490.4	502.0	478.7	498.9	477.3	483.5	463.0	463.3	442.5
19-20	509.7	487.3	514.0	490.3	502.1	478.8	498.9	477.5	483.6	464.4
20-21	491.7	469.6	509.3	487.1	514.0	490.4	502.2	479.1	499.0	477.8
21-22	489.5	468.3	491.3	469.3	509.4	487.4	514.1	490.7	502.4	479.4
22-23	472.2	451.5	489.1	468.2	491.4	469.5	509.5	487.7	514.3	491.1
23-24	461.6	438.6	471.9	451.2	489.5	468.4	491.5	469.8	509.8	488.2
24-25	440.7	418.7	461.3	483.3	472.3	451.6	489.7	468.8	491.9	470.2
25-26	431.8	411.0	440.5	418.5	461.8	438.6	472.7	451.9	490.1	469.2
26-27	415.2	397.0	431.7	410.8	440.9	418.9	462.0	438.9	473.0	452.2
27-28	399.1	380.2	414.9	396.8	432.1	411.1	441.2	419.0	462.3	439.2
28-29	398.7	382.9	398.9	380.1	415.4	397.2	432.4	411.3	441.6	419.3
29-30	383.8	369.3	398.3	382.2	399.5	380.5	415.7	397.5	432.6	411.6
30-65	12215.3	13204.4	12385.3	13315.7	12513.7	13342.1	12583.3	13268.3	12668.2	13218.1
65-	3161.1	5891.9	3059.3	5797.2	3031.9	5817.6	3058.4	5926.3	3091.4	6027.9
Total	26838.6	30035.6	26791.8	29940.7	26773.5	29870.3	26747.2	29791.7	26747.5	29731.1

Resident Population according to Age (Thousands)

Aged from up to under Years	Resident Population at the End of the Year									
	1982		1983		1984		1985		1986	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Foreign										
37.1	35.4	31.5	29.7	27.7	26.6	28.3	26.6	31.1	29.6	0-1
40.4	38.0	35.5	34.2	29.9	28.5	28.5	27.3	30.1	28.4	1-2
41.0	38.8	38.6	36.7	33.4	32.4	30.3	28.8	30.1	28.8	2-3
39.7	38.1	39.4	37.5	36.3	34.7	33.8	32.7	31.8	30.1	3-4
40.6	38.3	38.2	36.9	37.0	35.4	36.5	34.9	35.1	33.9	4-5
41.6	39.6	38.9	36.8	35.6	34.7	37.0	35.6	37.6	36.1	5-6
42.5	41.4	37.9	36.8	34.4	33.3	34.3	33.7	36.8	35.7	6-7
42.3	41.7	38.5	38.5	33.4	33.3	33.1	32.5	34.2	33.8	7-8
45.9	47.0	40.0	40.1	35.4	36.1	33.3	33.3	34.1	33.5	8-9
46.9	46.3	43.9	45.8	36.7	37.6	35.4	36.1	34.4	34.2	9-10
46.6	45.7	45.0	45.1	40.9	43.4	36.7	37.6	36.4	37.0	10-11
46.8	44.7	45.0	44.5	42.1	42.7	41.0	43.6	37.9	38.7	11-12
44.2	40.5	45.1	43.6	42.2	42.3	42.2	42.8	42.2	44.4	12-13
43.7	38.2	42.7	39.3	42.6	41.3	42.5	42.3	43.6	43.7	13-14
42.4	36.5	41.1	37.1	40.3	37.2	43.3	41.6	44.4	43.3	14-15
39.6	34.3	41.4	35.6	40.3	35.2	41.7	37.8	46.1	42.9	15-16
44.7	36.4	38.5	33.1	39.6	33.6	41.2	35.5	43.7	39.1	16-17
46.1	36.2	43.9	35.5	37.7	31.9	40.4	44.1	42.7	36.8	17-18
47.9	36.6	45.9	36.2	44.0	35.3	39.4	33.2	42.8	36.4	18-19
45.6	35.3	46.8	37.0	45.6	36.7	45.4	37.2	41.4	36.3	19-20
43.4	35.6	45.5	36.0	47.8	37.9	48.3	39.3	49.0	41.1	20-21
40.6	34.3	43.2	35.6	46.7	36.4	51.1	39.7	52.4	42.4	21-22
45.9	39.0	40.3	34.0	44.3	35.8	49.9	38.2	55.8	43.0	22-23
45.1	36.4	44.7	38.6	41.3	34.5	47.8	37.6	55.1	40.9	23-24
48.4	36.2	43.6	36.0	45.3	38.7	44.4	36.0	52.9	40.2	24-25
49.9	36.1	46.3	35.8	44.0	36.1	48.1	40.0	48.9	38.4	25-26
54.8	39.6	47.3	35.5	46.3	35.6	46.2	37.3	52.7	42.2	26-27
51.5	43.2	51.7	38.9	46.8	35.0	47.9	36.5	49.6	39.1	27-28
49.6	47.5	48.5	42.3	50.6	38.1	48.3	35.8	51.2	38.2	28-29
46.5	48.4	46.7	46.5	47.3	41.1	51.5	38.6	50.9	37.6	29-30
1192.9	832.1	1180.4	853.7	1130.4	846.9	1149.6	876.2	1191.8	915.9	30-65
55.0	65.2	57.1	67.1	60.4	70.9	65.5	76.4	70.9	82.9	65-
2589.2	2082.6	2514.0	2060.2	2406.2	1999.3	2442.8	2038.8	2537.9	2124.0	Total

Resident Population according to Age (Thousands)

Aged from ... up to ... under ... Years	Resident Population at the End of the Year									
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
German and Foreign Total										
0-1	611	618	622	624	621	615	605	591	574	554
1-2	601	610	617	621	622	620	614	604	590	573
2-3	592	602	611	618	622	624	621	615	605	591
3-4	582	593	604	612	619	624	625	623	616	606
4-5	591	583	595	605	614	621	625	626	624	618
5-6	614	593	585	596	606	615	622	626	628	625
6-7	616	616	594	586	598	608	617	624	628	629
7-8	613	617	617	596	588	599	609	618	625	629
8-9	578	614	619	619	597	589	601	611	619	626
9-10	571	580	616	620	620	599	591	602	612	621
10-11	573	573	581	617	622	622	600	592	604	614
11-12	588	574	574	583	619	623	623	602	594	605
12-13	579	590	576	576	584	620	625	625	603	595
13-14	603	580	591	577	577	586	622	626	626	605
14-15	621	604	582	593	579	577	587	623	628	627
15-16	691	622	606	583	594	580	580	589	625	629
16-17	777	693	623	607	585	596	582	582	590	626
17-18	813	778	694	625	608	586	597	583	583	591
18-19	915	814	779	695	626	610	587	598	584	584
19-20	981	816	814	780	696	627	611	588	599	585
20-21	1018	982	916	815	781	697	628	612	589	600
21-22	1058	1019	983	917	816	782	698	629	613	590
22-23	1065	1058	1020	984	918	817	783	699	630	614
23-24	1092	1066	1059	1021	985	919	818	784	700	631
24-25	1082	1093	1067	1060	1021	985	920	819	785	701
25-26	1043	1083	1094	1068	1061	1022	986	921	820	786
26-27	1036	1044	1084	1095	1069	1062	1023	987	922	821
27-28	1011	1037	1045	1085	1096	1069	1062	1024	988	923
28-29	983	1011	1038	1046	1085	1096	1070	1063	1025	989
29-30	944	984	1012	1039	1047	1086	1097	1071	1064	1026
30-35	4422	4526	4639	4782	4918	5038	5179	5292	5351	5376
35-40	4244	4271	4285	4293	4362	4438	4541	4653	4796	4931
40-45	3708	3710	3776	4031	4161	4269	4276	4290	4298	4366
45-50	4788	4630	4400	3972	3718	3687	3690	3755	4007	4136
50-55	4160	4432	4617	4764	4816	4699	4546	4321	3904	3656
55-60	3570	3481	3550	3657	3833	4036	4301	4482	4626	4678
60-65	3308	3376	3428	3453	3437	3401	3319	3389	3494	3664
65-	9378	9448	9518	9623	9718	9813	9944	10061	10189	10262
Total	61019	61023	61030	61036	61040	61038	61025	60998	60955	60882

Resident Population according to Age (Thousands)

Resident Population at the End of the Year										Aged from ... up to ... under ... Years
1997	1998	1999	2000	2005	2010	2015	2020	2025	2030	
German and Foreign Total										
534	513	492	474	413	396	394	376	336	291	0- 1
554	533	512	492	420	397	393	380	344	298	1- 2
574	555	534	514	432	401	394	385	353	307	2- 3
592	575	556	536	446	405	394	388	361	316	3- 4
608	594	577	558	462	411	394	391	368	325	4- 5
619	609	595	578	480	418	395	392	375	334	5- 6
627	620	610	597	500	427	398	393	381	344	6- 7
630	628	622	612	522	439	401	394	385	353	7- 8
631	632	629	624	544	453	405	394	389	361	8- 9
628	632	633	631	566	469	411	395	391	369	9-10
622	629	633	635	587	488	419	396	393	375	10-11
615	624	631	635	605	507	428	399	394	381	11-12
607	616	625	632	621	529	440	402	395	386	12-13
597	608	618	627	632	551	454	406	395	389	13-14
606	598	609	619	640	573	470	412	396	392	14-15
629	607	599	611	644	594	488	419	396	393	15-16
630	630	609	601	644	612	508	429	399	394	16-17
627	632	631	610	641	627	530	440	402	395	17-18
592	628	633	633	635	638	551	454	406	395	18-19
585	593	629	634	627	646	573	470	412	395	19-20
586	586	594	630	618	649	593	488	419	396	20-21
601	587	587	596	608	649	611	507	428	398	21-22
591	602	588	588	617	646	626	529	439	401	22-23
615	592	603	590	639	640	637	550	453	405	23-24
632	616	593	605	641	632	645	572	469	411	24-25
702	633	617	595	637	624	648	592	487	418	25-26
787	703	634	618	603	613	648	610	506	427	26-27
822	788	704	636	596	623	645	625	528	438	27-28
924	823	789	706	597	645	639	636	550	452	28-29
990	924	824	790	612	646	631	643	571	468	29-30
5355	5258	5085	4840	3378	3071	3145	3204	3101	2636	30-35
5050	5191	5303	5363	4862	3398	3061	3134	3193	3088	35-40
4441	4544	4654	4797	5367	4861	3378	3043	3114	3171	40-45
4222	4248	4262	4269	4766	5327	4808	3343	3012	3080	45-50
3627	3630	3695	3941	4198	4683	5228	4718	3282	2957	50-55
4564	4415	4198	3794	3834	4080	4545	5073	4576	3186	55-60
3859	4111	4283	4420	3625	3669	3898	4339	4841	4304	60-65
10308	10339	10494	10667	11790	11980	12139	12397	12982	14004	65-
60779	60646	60484	60296	59047	57415	55362	53117	50618	47832	Total

Resident Population according to Age (Thousands)

Aged from ... up to ... under ... Years	Resident Population at the End of the Year									
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
German and Foreign Female										
0- 1	297	301	303	303	302	299	294	287	279	270
1- 2	293	297	300	302	303	302	299	294	287	279
2- 3	288	293	297	301	303	304	303	299	295	288
3- 4	283	289	294	298	302	304	304	303	300	295
4- 5	288	284	290	294	299	302	304	305	304	301
5- 6	299	289	285	290	295	299	303	305	306	304
6- 7	301	300	290	286	291	296	300	304	306	306
7- 8	299	301	301	290	286	292	297	301	304	306
8- 9	283	300	302	301	291	287	292	297	302	305
9-10	279	284	301	303	302	292	288	293	298	302
10-11	280	280	284	301	304	303	292	288	294	299
11-12	289	280	280	285	302	304	304	293	289	295
12-13	283	289	281	281	286	303	305	304	294	290
13-14	297	284	290	282	282	287	304	306	305	295
14-15	305	297	285	291	283	283	287	304	306	306
15-16	339	306	298	286	292	283	283	288	305	307
16-17	379	340	306	299	286	292	284	284	289	306
17-18	397	380	340	307	300	287	293	285	285	289
18-19	446	397	380	341	308	300	288	293	285	285
19-20	477	446	398	381	341	308	301	288	294	286
20-21	496	478	447	398	381	342	309	301	289	294
21-22	514	496	478	447	399	382	342	309	301	289
22-23	517	514	497	478	447	399	382	343	309	302
23-24	530	517	515	497	479	448	399	383	343	310
24-25	525	530	517	515	497	479	448	400	383	343
25-26	507	525	530	518	515	498	480	449	400	384
26-27	504	507	526	531	518	516	498	480	449	401
27-28	492	505	508	526	531	519	516	499	481	450
28-29	476	492	505	508	527	532	519	517	499	481
29-30	456	477	493	506	508	527	532	520	517	500
30-35	2153	2195	2243	2314	2384	2445	2516	2572	2598	2610
35-40	2073	2092	2105	2107	2133	2161	2203	2251	2322	2391
40-45	1821	1820	1846	1968	2033	2079	2098	2110	2112	2138
45-50	2350	2273	2163	1955	1831	1818	1817	1842	1963	2028
50-55	2060	2195	2286	2358	2383	2324	2248	2140	1935	1813
55-60	1803	1756	1786	1837	1923	2023	2155	2245	2316	2342
60-65	1897	1875	1847	1819	1782	1750	1705	1736	1787	1870
65-	6188	6244	6296	6352	6389	6410	6437	6457	6483	6480
Total	31760	31726	31691	31655	31617	31575	31528	31474	31412	31336

Resident Population according to Age (Thousands)

Aged from ... up to ... under ... Years	Resident Population at the End of the Year									
	1997	1998	1999	2000	2005	2010	2015	2020	2025	2030
German and Foreign Female										
0- 1	260	249	240	231	201	193	192	183	163	142
1- 2	270	259	249	240	205	193	191	185	167	145
2- 3	280	270	260	250	210	195	192	187	172	149
3- 4	288	280	271	261	217	197	192	189	176	154
4- 5	296	289	281	271	225	200	192	190	179	158
5- 6	301	296	290	282	234	200	192	191	183	163
6- 7	305	302	297	290	243	208	194	192	185	167
7- 8	307	306	303	298	254	213	195	192	188	172
8- 9	307	308	306	303	265	220	197	192	189	176
9-10	306	308	308	307	275	228	200	192	191	180
10-11	303	306	308	309	286	237	204	193	191	183
11-12	299	304	307	309	294	247	208	194	192	186
12-13	295	300	304	308	302	257	214	196	192	188
13-14	290	296	301	305	308	268	221	198	192	190
14-15	295	291	297	301	311	279	228	200	193	191
15-16	306	296	292	297	313	289	237	204	193	192
16-17	308	307	296	293	313	298	247	208	194	192
17-18	306	308	308	297	312	305	257	214	196	192
18-19	290	307	309	308	309	311	268	221	198	192
19-20	286	290	307	309	305	314	279	228	200	193
20-21	286	286	291	308	301	316	289	237	204	193
21-22	295	287	286	291	296	316	297	247	208	194
22-23	289	295	287	287	300	314	305	257	214	196
23-24	302	290	296	288	311	311	310	268	220	198
24-25	310	303	290	296	312	307	314	278	228	200
25-26	344	311	303	291	311	303	315	288	237	204
26-27	384	344	311	304	294	298	315	297	247	208
27-28	401	384	345	312	290	303	314	304	257	214
28-29	450	402	385	346	291	313	311	310	268	220
29-30	481	450	402	385	299	315	307	315	278	228
30-35	2601	2555	2473	2357	1652	1496	1530	1561	1512	1285
35-40	2452	2523	2578	2605	2367	1661	1494	1527	1557	1508
40-45	2166	2208	2256	2326	2610	2369	1655	1488	1521	1550
45-50	2073	2092	2104	2105	2319	2599	2353	1645	1478	1510
50-55	1800	1799	1825	1944	2084	2293	2568	2324	1626	1461
55-60	2283	2209	2103	1902	1912	2048	2251	2520	2280	1596
60-65	1968	2096	2183	2252	1849	1861	1991	2187	2447	2213
65-	6463	6437	6476	6529	6957	6966	6984	7096	7369	7867
Total	31246	31142	31025	30896	30134	29243	28202	27098	25886	24546

Resident Population according to Age (Thousands)

Aged from ... up to ... under ... Years	Resident Population at the End of the Year									
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
German Total										
0-1	557	563	568	570	567	561	550	536	519	499
1-2	545	555	562	566	568	565	559	548	534	517
2-3	535	546	555	562	567	568	565	559	549	535
3-4	525	536	546	555	562	567	568	566	559	549
4-5	530	525	536	546	555	563	567	568	566	560
5-6	545	530	526	536	547	556	563	567	569	566
6-7	542	546	531	526	537	547	556	563	568	569
7-8	537	542	546	531	527	537	548	557	564	568
8-9	505	538	543	547	532	527	538	548	557	564
9-10	501	506	539	544	547	533	528	539	549	558
10-11	503	501	506	539	544	548	533	528	539	549
11-12	514	504	502	507	540	545	549	534	529	540
12-13	502	515	504	502	508	540	545	549	534	529
13-14	516	502	515	505	503	508	541	546	550	535
14-15	533	516	503	516	506	504	509	541	546	550
15-16	604	534	517	503	516	506	504	509	542	547
16-17	690	605	534	517	504	517	506	505	510	542
17-18	732	690	605	535	518	504	517	507	505	510
18-19	836	732	690	605	535	518	504	517	507	505
19-20	905	836	732	690	605	535	518	504	517	507
20-21	946	905	836	732	690	605	535	518	505	518
21-22	976	946	905	836	732	690	605	535	518	505
22-23	980	975	946	905	836	732	690	605	535	518
23-24	1004	980	975	945	905	836	732	690	605	535
24-25	996	1004	980	975	945	905	836	732	691	606
25-26	961	996	1004	980	975	945	905	836	732	691
26-27	958	961	997	1004	980	975	945	905	836	733
27-28	924	958	961	997	1004	980	975	946	905	837
28-29	901	925	958	961	997	1004	980	975	946	905
29-30	860	901	925	958	961	997	1004	980	976	946
30-35	3974	4081	4199	4343	4489	4606	4742	4845	4900	4918
35-40	3741	3777	3798	3818	3885	3971	4078	4196	4339	4484
40-45	3282	3253	3290	3518	3643	3726	3762	3783	3803	3870
45-50	4445	4274	4030	3591	3312	3256	3228	3265	3490	3613
50-55	3921	4174	4338	4460	4498	4361	4195	3957	3528	3256
55-60	3414	3310	3363	3457	3313	3801	4047	4207	4327	4365
60-65	3204	3264	3308	3332	3299	3249	3153	3207	3300	3451
65-	9218	9276	9533	9424	9503	9582	9695	9794	9899	9950
Total	56360	56281	56205	56130	56052	55968	55875	55769	55647	55496

Resident Population according to Age (Thousands)

Resident Population at the End of the Year										Aged from ... up to ... under ... Years
1997	1998	1999	2000	2005	2010	2015	2020	2025	2030	
German Total										
478	457	436	417	355	343	346	334	297	256	0- 1
498	477	455	435	362	342	345	337	304	262	1- 2
517	498	477	456	372	343	345	341	313	270	2- 3
535	518	498	477	384	346	344	344	320	279	3- 4
549	535	518	498	399	349	343	345	327	287	4- 5
560	549	535	518	417	355	343	346	333	296	5- 6
567	560	550	536	436	363	343	346	339	305	6- 7
570	567	561	550	457	373	345	346	343	314	7- 8
569	570	568	561	479	386	347	346	346	322	8- 9
565	569	570	568	500	401	352	345	348	329	9-10
558	565	570	571	520	419	357	345	348	335	10-11
550	559	566	570	538	438	365	346	349	340	11-12
540	550	559	566	552	459	376	347	348	345	12-13
530	540	551	560	563	481	388	350	348	347	13-14
535	530	541	551	570	502	403	354	348	349	14-15
550	535	531	541	573	522	421	360	347	350	15-16
547	551	536	531	572	540	440	367	348	350	16-17
543	547	551	536	568	554	461	378	349	350	17-18
510	543	547	551	561	565	483	390	352	349	18-19
505	510	543	547	552	571	504	405	355	349	19-20
507	505	510	543	542	574	523	422	361	348	20-21
518	507	505	510	531	572	540	441	369	349	21-22
505	518	507	505	536	568	554	462	379	350	22-23
518	505	518	507	551	561	565	483	391	352	23-24
535	519	505	518	548	552	571	504	406	356	24-25
606	536	519	505	543	543	574	524	423	362	25-26
691	606	536	519	511	532	573	541	443	370	26-27
733	691	606	536	507	538	569	556	464	380	27-28
837	733	691	607	509	553	563	567	485	393	28-29
905	837	733	692	520	549	554	573	506	408	29-30
4902	4810	4643	4396	2865	2598	2723	2843	2771	2329	30-35
4600	4736	4838	4893	4391	2868	2602	2728	2848	2773	35-40
3955	4060	4177	4319	4868	4370	2860	2597	2722	2838	40-45
3695	3730	3751	3770	4279	4821	4328	2837	2578	2699	45-50
3201	3175	3212	3431	3704	4203	4733	4249	2789	2534	50-55
4232	4070	3840	3424	3332	3595	4079	4592	4121	2705	55-60
3630	3864	4017	4131	3266	3183	3431	3892	4380	3927	60-65
9970	9972	10096	10256	11255	11250	11049	11017	11391	12192	65-
55315	55105	54866	54603	52988	51081	49044	46898	44584	42048	Total

Resident Population according to Age (Thousands)

Aged from ... up to ... under ... Years	Resident Population at the End of the Year										
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	
German Female											
0-1	271	274	277	277	276	273	268	261	252	243	
1-2	266	270	274	276	276	275	272	267	260	252	
2-3	261	266	270	274	276	276	275	272	267	260	
3-4	255	261	266	270	274	276	277	275	272	267	
4-5	258	256	261	266	270	274	276	277	276	272	
5-6	265	258	256	261	266	271	274	276	277	276	
6-7	264	266	259	256	261	266	271	274	277	277	
7-8	262	265	266	259	256	262	267	271	275	277	
8-9	247	263	265	266	259	257	262	267	271	275	
9-10	244	247	263	265	266	260	257	262	267	272	
10-11	245	244	247	263	266	267	260	257	263	267	
11-12	251	245	245	248	264	266	267	260	258	263	
12-13	245	252	246	245	248	264	266	267	260	258	
13-14	252	245	252	246	245	248	264	266	267	261	
14-15	261	252	245	252	246	246	249	264	267	268	
15-16	295	261	253	245	252	246	246	249	265	267	
16-17	337	296	262	253	246	253	247	246	249	265	
17-18	358	337	296	262	253	246	253	247	246	249	
18-19	409	358	337	296	262	253	246	253	247	246	
19-20	442	409	358	337	296	262	253	246	253	247	
20-21	463	442	409	358	337	296	262	253	246	253	
21-22	477	463	442	409	358	337	296	262	253	246	
22-23	479	477	463	442	409	358	337	296	262	253	
23-24	490	479	477	463	442	409	358	337	296	262	
24-25	487	490	479	477	463	442	409	359	337	296	
25-26	470	488	491	479	477	463	443	410	359	337	
26-27	469	470	488	491	479	478	463	443	410	359	
27-28	452	469	470	488	491	479	478	463	443	410	
28-29	439	452	469	470	488	491	480	478	463	443	
29-30	420	439	453	469	471	488	491	480	478	464	
30-35	1945	1995	2051	2123	2195	2253	2322	2374	2401	2409	
35-40	1829	1847	1861	1872	1905	1947	1997	2052	2124	2196	
40-45	1642	1623	1632	1736	1791	1827	1845	1859	1870	1902	
45-50	2224	2139	2019	1801	1664	1635	1617	1625	1729	1783	
50-55	1973	2101	2185	2248	2267	2199	2115	1997	1783	1647	
55-60	1740	1689	1716	1762	1841	1937	2062	2145	2207	2226	
60-65	1851	1826	1796	1764	1725	1688	1640	1666	1713	1790	
65-	6103	6154	6200	6249	6279	6293	6312	6325	6341	6329	
Total	29641	29567	29493	29418	29341	29260	29174	29081	28981	28867	

Resident Population according to Age (Thousands)

Resident Population at the End of the Year											Aged from up to under Years
1997	1998	1999	2000	2005	2010	2015	2020	2025	2030		
German Female											
233	222	212	203	173	167	169	162	144	124	0- 1	
242	232	222	212	176	167	168	164	148	128	1- 2	
252	242	232	222	181	167	168	166	152	132	2- 3	
260	252	243	232	187	168	167	167	156	136	3- 4	
267	261	252	243	194	170	167	168	159	140	4- 5	
273	268	261	252	203	173	167	169	162	144	5- 6	
276	273	268	261	212	177	167	169	165	148	6- 7	
277	276	273	268	223	182	168	169	167	153	7- 8	
277	278	276	273	233	188	169	168	168	157	8- 9	
275	277	278	277	244	195	171	168	169	160	9-10	
272	275	277	278	253	204	174	168	170	163	10-11	
268	272	276	278	262	213	178	168	170	166	11-12	
263	268	272	276	269	224	183	169	170	168	12-13	
258	263	268	273	274	234	189	170	169	169	13-14	
261	258	263	268	278	245	196	172	169	170	14-15	
268	261	258	264	279	254	205	175	169	171	15-16	
267	268	261	259	279	263	215	179	169	171	16-17	
265	267	268	261	277	270	225	184	170	171	17-18	
249	265	267	268	273	275	235	190	171	170	18-19	
246	249	265	267	269	278	245	197	173	170	19-20	
247	246	249	265	264	280	255	206	176	170	20-21	
253	247	247	250	259	279	263	215	180	170	21-22	
246	253	247	247	262	277	270	225	185	171	22-23	
254	246	253	247	269	274	276	236	191	172	23-24	
262	254	246	253	268	269	279	246	198	174	24-25	
296	263	254	247	266	265	280	256	207	176	25-26	
338	297	263	254	250	260	280	264	216	180	26-27	
359	338	297	263	248	263	278	271	226	186	27-28	
410	359	338	297	248	270	275	277	237	192	28-29	
443	410	360	338	255	269	271	280	247	199	29-30	
2402	2357	2276	2156	1403	1272	1332	1390	1355	1140	30-35	
2254	2323	2374	2401	2157	1408	1277	1337	1396	1359	35-40	
1943	1993	2048	2120	2394	2152	1407	1277	1337	1394	40-45	
1819	1836	1850	1860	2108	2380	2139	1401	1272	1330	45-50	
1619	1601	1609	1711	1840	2084	2352	2114	1386	1258	50-55	
2159	2076	1961	1751	1681	1807	2046	2309	2075	1360	55-60	
1883	2004	2084	2144	1700	1634	1755	1987	2241	2013	60-65	
6302	6265	6293	6340	6720	6638	6470	6408	6566	6971	65-	
28738	28596	28441	28275	27328	26291	25230	24141	22981	21723	Total	

Resident Population according to Employment

Year ¹⁾	Resident Population									
	Total		of which Labour Force ²⁾							
	Total		Persons in Employment ²⁾						Unemployed	
	Total		Total		Foreign Workers		Short Time		Total	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
Thousands										
1960	55433	29459	26518	26247	9747	279	43	3.3	271	92
1965	58619	30832	27034	26887	9803	1119	269	1.1	147	42
1970	60651	31784	26817	26668	9582	1807	529	9.6	149	56
1975	61829	32330	26884	25810	9608	2061	651	773.3	1074	452
1980	61566	32149	27217	26328	9829	2018	625	136.6	889	462
1981	61682	32181	27416	26144	9818	1912	586	346.9	1272	619
1982	61638	32156	27542	25709	9723	1787	549	606.1	1833	812
1983	61423	32058	27589	25331	9595	1694	520	675.1	2258	985
1984	61175	31934	27629	25363	9658	1609	495	383.7	2266	989
1985	61024	31843	27844	25540	9751	1568	484	234.5	2304	1015
1986	61066	31833	28024	25796	9911	1570	483	197.4	2228	1028
1987	61170	31870	28216	25987	10056	1577	486	278.0	2229	1021
Index (1975 = 100)										
1960	90	91	99	102	101	14	7	0	25	20
1965	95	95	101	104	102	54	41	0	14	9
1970	98	98	100	103	100	88	81	1	14	12
1975	100	100	100	100	100	100	100	100	100	100
1980	100	99	101	102	102	98	96	18	83	102
1981	100	100	102	101	102	93	90	45	118	137
1982	100	99	102	100	101	87	84	78	171	180
1983	99	99	103	98	100	82	80	87	210	218
1984	99	99	103	98	101	78	76	50	211	219
1985	99	98	104	99	101	76	74	30	214	225
1986	99	98	104	100	103	76	74	26	207	228
1987	99	98	105	101	105	77	75	36	207	226

¹⁾ Average, ²⁾ 1986 and 1987 preliminary result
Source: Federal Statistical Office, Federal Employment Institute

Labour Force according to Age-Groups, and Labour Force Participation Rates

Sex	Year ¹⁾	Labour Force									
		Total		of which							
		15	20	25	30	40	50	55	60	65	
		20	25	30	40	50	55	60	65		
Thousand											
Total	1960	26653	2918	4087	2846	5300	4300	2592	2242	1368	834
	1970	26617	2211	2898	2826	6428	5600	1773	2168	1699	1000
	1980	27640	2367	3333	3048	6280	6732	2730	2097	604	450
	1985	29012	2219	3942	3485	6301	7107	2748	2198	706	305
	1987	29449	1853	4110	3731	6659	6812	2995	2257	736	297
Male	1960	16716	1506	2285	1868	3453	2684	1718	1573	992	546
	1970	17027	1167	1646	1859	4481	3560	1068	1377	1201	660
	1980	17161	1312	1836	1805	4061	4416	1777	1266	420	268
	1985	17578	1221	2113	2015	3870	4471	1793	1442	474	180
	1987	17792	1005	2189	2154	4072	4258	1944	1494	507	170
Female	1960	9937	1411	1802	977	1847	1616	874	669	377	287
	1970	9591	1044	1252	967	1947	2040	705	791	499	341
	1980	10478	1055	1497	1243	2220	2316	953	830	183	182
	1985	11433	998	1830	1471	2431	2636	955	756	232	126
	1987	11656	848	1921	1576	2587	2554	1051	763	229	127
In Percentage of the Resident Population of Same Age (Labour Force Participation Rate)											
Total	1960	47.7	75.9	83.5	74.9	69.7	65.7	62.8	58.8	43.1	13.6
	1970	43.9	54.5	78.2	72.6	73.1	71.5	65.7	59.1	44.5	11.7
	1980	44.9	45.0	76.7	76.4	77.2	76.1	69.6	56.9	25.6	4.6
	1985	47.6	45.0	77.1	77.7	79.5	78.5	71.8	57.5	19.8	3.3
	1987	48.2	42.5	78.3	77.5	79.6	79.2	72.6	60.0	21.1	3.1
Male	1960	63.6	76.7	90.8	95.9	97.9	96.5	94.1	89.0	72.6	22.0
	1970	59.1	55.4	86.0	92.9	98.6	97.7	95.1	89.2	74.7	19.7
	1980	58.4	48.5	82.0	90.2	97.8	97.5	93.3	82.3	44.2	7.4
	1985	60.3	47.9	80.1	87.9	97.0	97.1	93.2	79.1	33.0	5.4
	1987	60.7	45.2	81.5	87.4	96.7	96.9	93.2	79.8	34.2	5.0
Female	1960	33.6	75.0	75.7	52.7	45.2	43.0	37.9	32.7	20.9	7.8
	1970	30.2	53.6	69.8	51.2	45.8	48.7	44.8	37.3	22.6	6.5
	1980	32.6	41.4	71.1	62.5	55.8	53.7	47.1	38.7	13.0	3.0
	1985	35.9	41.9	73.8	67.0	61.7	59.2	50.2	37.8	10.9	2.1
	1987	36.6	39.6	75.0	67.2	62.3	60.7	51.5	40.3	11.4	2.0

¹⁾ Result of micro-census

Resident Population and Labour Force according to Type of Qualification obtained in General Education Schools 1987¹⁾

Aged from up to under	Category of Popu- lation	Resident Population respectively Labour Force						
		Total			of which			
					no Qualification or still in School Education			with a
								Secondary General Schools Certificate
		Total	Male	Female	Total	Male	Female	Total
		Thousand			Per Cent			
—15	R	8750	4489	4262	•	•	•	•
	LF	—	—	—	—	—	—	—
15—20	R	4362	2222	2139	45.8	44.8	46.7	29.8
	LF	1853	1005	848	3.0	2.6	3.4	55.2
20—25	R	5247	2685	2562	2.6	2.7	2.5	42.3
	LF	4110	2189	1921	0.5	0.6	0.5	47.9
25—30	R	4812	2466	2346	0.9	0.9	0.9	48.3
	LF	3731	2154	1576	0.5	0.6	0.3	50.3
30—40	R	8364	4213	4152	0.9	0.6	1.2	58.8
	LF	6659	4072	2587	0.5	0.4	0.5	57.3
40—50	R	8606	4395	4210	0.9	0.6	1.1	69.6
	LF	6812	4258	2554	0.5	0.5	0.6	68.0
50—60	R	7889	3927	3932	1.0	0.7	1.3	78.8
	LF	5252	3437	1814	0.5	0.4	0.7	76.3
60—65	R	3487	1479	2008	1.5	1.2	1.8	77.9
	LF	736	507	229	•	•	•	65.6
65—	R	9625	3386	6240	2.3	2.1	2.5	80.2
	LF	297	170	127	•	•	•	65.2
Total	R	61142	29292	31850	18.7	19.6	17.8	54.6
	LF	29449	17792	11656	0.7	0.6	0.7	61.1

R = Resident Population
LF = Labour Force

¹⁾ Result of micro-census

Resident Population and Labour Force according to Type of Qualification obtained in General Education Schools 1987¹⁾ (cont.)

Resident Population respectively Labour Force								Category of Population	Aged from up to under
of which									
Qualification obtained in General Education Schools									
Secondary General Schools Certificate			Intermediate School Certificate or Equivalent			University, College and Fachhochschule Entrance Qualification			
Male	Female	Total	Male	Female	Total	Male	Female		
Per Cent									
•	•	—	—	—	—	—	—	R LF	— 15
33.9	25.7	21.4	18.6	24.3	3.0	2.8	3.3	R LF	15-20
62.1	47.1	38.4	32.0	46.0	3.4	3.3	3.5	LF	
47.7	36.6	30.7	25.0	36.7	24.4	24.6	24.2	R LF	20-25
56.4	38.2	35.6	28.2	44.0	16.0	14.8	17.3	R LF	
51.3	45.1	25.9	20.4	31.7	24.9	27.4	22.3	R LF	25-30
57.1	41.1	28.4	22.5	36.4	20.8	19.8	22.1	LF	
57.5	60.1	20.1	17.0	23.1	20.2	24.8	15.6	R LF	30-40
58.2	55.8	20.4	17.4	25.3	21.8	24.0	18.4	R LF	
68.6	70.6	17.5	15.1	20.0	12.1	15.6	8.3	R LF	40-50
68.3	67.5	17.7	15.3	21.7	13.8	15.9	10.3	LF	
77.4	80.1	12.6	11.5	13.8	7.6	10.4	4.8	R LF	50-60
76.1	76.6	13.5	12.2	16.1	9.7	11.3	6.6	LF	
75.3	79.8	12.5	11.5	13.2	8.1	12.0	5.3	R LF	60-65
64.0	69.3	15.1	14.1	17.2	18.7	21.5	12.6	R LF	
76.2	82.3	11.9	11.4	12.2	5.6	10.3	3.0	R LF	65-
57.8	75.0	16.2	15.1	17.7	18.2	26.7	6.8	LF	
52.9	56.2	15.6	13.6	17.5	11.1	13.9	8.5	R LF	Total
64.1	56.6	22.6	18.5	28.9	15.6	16.8	13.8	R LF	

Gross National Product, National Income and Gross Wage and Salary Income

Year	Gross National Product			Depre- cia- tion	Indirect Taxes ¹⁾	National Income				
	Current Prices	1980 Prices	Current Prices							
	DM Billion		DM per inhab- itant			Per Cent ³⁾		DM Billion	DM per inhab- itant	DM per Person in Employ- ment
1960	303.0	731.7	5466	7.8	13.0	240.1	4332	9148		
1965	458.2	922.7	7817	9.5	12.3	358.5	6115	13332		
1970	675.7	1134.0	11141	10.1	11.4	530.4	8745	19889		
1971	751.8	1168.0	12267	10.3	11.4	588.2	9598	21933		
1972	825.1	1217.0	13379	10.3	11.4	645.3	10464	24130		
1973	918.9	1274.1	14827	10.3	11.1	721.9	11648	26814		
1974	985.6	1276.5	15883	10.8	10.8	773.0	12456	29097		
1975	1029.4	1258.0	16649	11.3	10.7	803.6	12997	31134		
1976	1126.2	1328.2	18303	11.0	10.6	882.2	14337	34471		
1977	1199.2	1363.4	19531	11.1	10.7	938.3	15282	36730		
1978	1291.6	1407.9	22161	11.1	10.7	1010.2	16473	39310		
1979	1396.6	1463.6	22761	11.2	10.9	1087.9	17730	41768		
1980	1485.2	1485.2	24124	11.7	11.0	1148.6	18656	43627		
1981	1545.1	1485.3	25049	12.2	11.0	1187.3	19248	45412		
1982	1597.1	1471.0	25911	12.6	10.8	1223.5	19850	47591		
1983	1680.4	1498.9	27358	12.6	10.9	1286.2	20941	50777		
1984	1769.9	1548.1	28932	12.6	10.8	1357.9	22197	53540		
1985	1844.3	1578.1	30223	12.6	10.4	1420.0	23270	55600		
1986 ^{a)}	1945.2	1614.7	31854	12.4	10.0	1509.4	24718	58514		
1987 ^{a)}	2020.1	1643.2	33009	12.4	10.0	1568.3	25626	60349		

¹⁾ Minus subsidies²⁾ Income tax, social insurance³⁾ Share of gross national product in current prices⁴⁾ Share of national income⁵⁾ Share of gross wage and salary income

Gross National Product, National Income and Gross Wage and Salary Income (cont.)

Gross Wage and Salary Income		Employer's Contribution	Gross Wage and Salary Bill		Deductions ²⁾	Net Wage and Salary Bill		Year
Current Prices								
DM Billion	Per Cent ⁴⁾	Per Cent ⁵⁾	DM Billion	Per worker ⁶⁾	Per Cent ⁷⁾	DM Billion	Per worker ⁶⁾	
144.4	60.1	13.7	124.5	512	15.8	104.9	431	1960
234.1	65.3	13.2	203.1	778	17.1	168.3	645	1965
360.6	68.0	14.6	307.9	1153	22.5	238.6	894	1970
409.1	69.6	14.9	348.2	1284	23.8	265.2	978	1971
450.3	69.8	15.4	380.7	1402	23.7	290.7	1070	1972
510.9	70.8	16.1	428.6	1559	26.1	316.7	1152	1973
563.1	72.9	16.6	469.6	1729	27.1	342.4	1260	1974
587.2	73.1	17.3	485.9	1839	26.9	355.4	1345	1975
631.3	71.6	17.9	518.2	1968	28.6	369.8	1404	1976
676.0	72.0	17.8	556.0	2103	29.4	392.5	1485	1977
721.6	71.4	17.9	592.1	2216	28.7	422.4	1581	1978
777.9	71.5	18.1	637.0	2342	28.4	456.1	1677	1979
844.4	73.5	18.3	690.2	2500	29.4	487.2	1764	1980
883.0	74.4	18.5	719.4	2621	29.7	505.8	1843	1981
902.5	73.8	18.6	734.8	2729	30.5	510.8	1897	1982
920.9	71.6	19.0	745.8	2818	31.2	513.4	1940	1983
954.0	70.3	19.3	769.5	2902	32.0	523.4	1974	1984
991.0	69.8	19.4	798.4	2987	32.9	536.1	2006	1985
1041.2	69.0	19.5	838.3	3100	32.6	565.0	2089	1986 ⁸⁾
1081.5	69.0	19.4	871.2	3193	33.4	580.6	2128	1987 ⁸⁾

⁶⁾ DM monthly per average worker employed⁷⁾ Share of gross wage and salary bill^{a)} Preliminary result

Public Expenditure by Spending Authority

Year	Public Expenditure						
	All Authorities			of which Federal Government ¹⁾			
	Total	of which		Total	of which		
		Expendi- ture on Staff	Current Spending on Ma- terial	Capital Spending	Expendi- ture on Staff	Current Spending on Ma- terial	Capital Spending
DM Billion							
1970	196.28	61.42	32.04	32.24	87.87	14.55	13.98
1975	360.51	118.11	52.87	46.03	158.80	25.45	22.24
1976	376.76	124.24	55.98	43.63	165.20	26.25	23.52
1977	395.17	132.07	58.97	43.21	172.39	27.47	23.91
1978	433.40	140.94	65.09	47.56	189.66	28.77	26.22
1979	469.85	150.46	71.75	53.32	203.41	30.17	28.22
1980	509.24	162.47	77.98	60.00	215.72	32.14	30.14
1981	541.76	172.51	83.11	56.99	233.00	34.08	32.58
1982	561.61	177.24	87.02	52.01	244.65	34.40	34.81
1983	570.08	182.14	90.49	48.50	246.75	35.14	36.67
1984	583.58	184.94	94.68	47.62	251.78	35.46	38.01
1985	604.40	191.81	98.82	50.18	257.11	36.67	38.48
1986	627.83	200.53	101.62	53.20	261.53	37.94	39.43
1987	649.78	209.13	104.22	54.21	269.05	39.28	40.04
1988 ²⁾	671.50	215.00	106.50	55.00	275.50	40.00	40.50
Per Cent (Change as compared with previous year)							
1970	+13.3	+ 8.6	•	- 0.2	+18.5	+5.9	+10.0
1975	+11.4	+10.0	+ 6.9	- 0.2	+14.2	+7.2	+ 8.8
1976	+ 4.4	+ 5.0	+ 5.7	- 5.3	+ 4.0	+3.2	+ 5.8
1977	+ 4.9	+ 6.3	+ 5.3	- 1.0	+ 4.4	+4.6	+ 1.6
1978	+ 9.3	+ 6.1	+10.3	+10.1	+10.0	+4.7	+10.4
1979	+ 8.4	+ 6.8	+10.2	+12.1	+ 7.2	+4.9	+ 7.6
1980	+ 8.4	+ 8.0	+ 8.7	+12.5	+ 6.1	+6.5	+ 6.8
1981	+ 6.4	+ 6.2	+ 6.6	- 5.0	+ 8.0	+6.0	+ 8.1
1982	+ 3.7	+ 2.7	+ 4.7	- 8.7	+ 5.0	+0.9	+ 6.8
1983	+ 1.5	+ 2.8	+ 4.0	- 6.8	+ 0.9	+2.2	+ 5.4
1984	+ 2.4	+ 1.5	+ 4.7	- 1.8	+ 2.0	+0.9	+ 3.7
1985	+ 3.5	+ 3.7	+ 4.4	+ 5.4	+ 2.1	+3.4	+ 1.2
1986	+ 3.9	+ 4.5	+ 2.8	+ 6.0	+ 1.7	+3.5	+ 2.5
1987	+ 3.5	+ 4.3	+ 2.6	+ 1.9	+ 2.9	+3.5	+ 1.5
1988 ²⁾	+ 3.5	+ 2.5	+ 2.0	+ 2.0	+ 2.5	+2.5	+ 1.0

¹⁾ Not including Equalization Fund, ERP Special Fund, EC contributions²⁾ Estimates

Source: Federal Minister of Finance (Financial Reports)

Public Expenditure by Spending Authority (cont.)

Year	Public Expenditure						
	Laender			Local Authorities			
	Total	of which		Total	of which		
		Expendi- ture on Staff	Current Spending on Ma- terial	Capital Spending	Expendi- ture on Staff	Current Spending on Ma- terial	Capital Spending
DM Billion							
1970	77.47	31.65	7.26	6.40	56.71	15.22	10.79
1975	146.28	62.30	13.21	8.59	101.23	30.36	17.38
1976	154.39	66.17	13.88	8.12	104.08	31.82	18.55
1977	161.60	70.84	14.91	8.38	107.65	33.77	20.13
1978	176.52	75.39	16.16	8.75	118.19	36.78	22.69
1979	191.83	80.80	17.91	9.35	130.35	39.49	25.60
1980	208.61	87.44	19.37	10.56	145.47	42.89	28.46
1981	216.63	92.80	20.11	10.02	152.13	45.63	30.40
1982	224.21	95.83	20.85	9.94	153.06	47.01	31.35
1983	228.29	98.78	21.83	9.87	151.66	48.23	31.96
1984	234.29	100.22	22.71	9.96	154.70	49.27	33.94
1985	243.33	103.77	24.22	10.58	162.94	51.37	36.10
1986	253.74	108.09	25.59	10.05	171.55	54.50	36.59
1987	263.05	112.33	26.71	11.30	178.06	57.52	37.46
1988 ²⁾	270.00	115.50	27.50	11.50	183.50	59.00	38.50
Per Cent (Change as compared with previous year)							
1970	+9.1	+ 9.6	•	- 0.8	+ 5.6	+ 9.0	•
1975	+8.8	+10.9	+ 4.5	- 0.8	+ 5.4	+10.5	+ 6.3
1976	+5.5	+ 6.2	+ 5.0	- 5.4	+ 2.6	+ 4.2	+ 6.2
1977	+4.7	+ 7.1	+ 7.4	+ 3.2	+ 3.4	+ 6.1	+ 8.5
1978	+9.2	+ 6.4	+ 8.4	+ 4.3	+ 8.3	+ 6.5	+11.8
1979	+8.7	+ 7.2	+10.9	+ 6.9	+10.3	+ 7.4	+12.8
1980	+8.7	+ 8.2	+ 8.1	+13.0	+11.6	+ 8.6	+11.2
1981	+3.8	+ 6.1	+ 3.8	- 5.1	+ 4.6	+ 6.4	+ 6.8
1982	+3.5	+ 3.3	+ 3.7	- 0.8	+ 0.6	+ 3.0	+ 3.1
1983	+1.8	+ 3.1	+ 4.7	- 0.7	- 0.9	+ 2.6	+ 2.0
1984	+2.6	+ 1.5	+ 4.0	+ 1.0	+ 2.0	+ 2.2	+ 6.2
1985	+3.9	+ 3.5	+ 6.7	+ 6.1	+ 5.3	+ 4.3	+ 6.3
1986	+4.3	+ 4.2	+ 5.6	+ 4.5	+ 5.3	+ 6.1	+ 7.5
1987	+3.7	+ 3.9	+ 4.4	+ 2.3	+ 3.8	+ 5.5	+ 2.4
1988 ²⁾	+2.5	+ 3.0	+ 3.5	+ 0.5	+ 3.0	+ 3.0	+ 1.5

Definitions

Levels

In this presentation levels of educational institutions are defined with respect to duration of education and training:

- The primary level comprises schools which provide general basic education during a time span from four up to mainly six years. This general education is part of compulsory schooling and pupils are normally enrolled at the age of six.
- The secondary level generally comprises two educational cycles of different length and includes general education as well as vocational training. In most countries, the longer cycle (secondary level, stage I) covers the years up to the end of compulsory schooling. The following shorter cycle (secondary level stage II) provides qualifications entitling to further studies. In many countries, teacher training for institutions at pre-school and primary levels is provided in this shorter cycle.
- The tertiary level comprises training and studies after completion of compulsory schooling. Entrance, generally, is possible at the age of 18 or 19 years. Specialized vocational schools and similar institutions are grouped under this level.

Students at part-time institutions and students attending institutions of adult education (evening schools and distance education) are not included in the following tables. Exceptions, however, are - in the Federal Republic of Germany - part-time institutions belonging to the dual system of vocational training and - in the German Democratic Republic - part-time institutions belonging to the tertiary level.

Pupils and Students

Contents

Primary Level	148 to 149
Secondary Level, Stage I	150 to 157
Secondary Level, Stage II	152 to 153
Tertiary Level	154 to 155

Pupils and students according to Laender and Levels

Year	Federal Republic of Germany	Belgium	Denmark	France	Greece	Great Britain, Northern Ireland
------	-----------------------------	---------	---------	--------	--------	---------------------------------

Primary Level

Attendance from ... up to under ... Years

6-10 6-12 7-13 6-11 6-12 5-11

Pupils in Thousands

1970	4083	1044	454	5147	920	5847
1975	4024	959	491	4838	939	5780
1980	2875	857	435	4909	901	4962
1981	2685	836	432	4787	892	4739
1982	2530	812	432	4572	890	4522
1983	2441	789	427	4424	888	4369
1984	2398	784	415	4304	892	4318
1985	2360	758	403	4147	900	4337

Percentage of the Population of the same Age

1980	99.9	103.5	97.5	116.5	•	101.3
1981	99.6	103.4	98.8	115.1	•	100.9
1982	100.7	•	99.5	112.7	105.1	101.8
1983	101.5	103.1	98.1	111.3	106.1	103.6
1984	102.3	105.0	96.6	112.0	106.4	105.5
1985	103.0	103.5	95.2	111.3	106.8	106.2

Percentage of the Total Population

1980	4.7	8.7	8.5	9.2	9.3	8.9
1981	4.4	8.5	8.4	8.9	9.2	8.5
1982	4.1	8.2	8.4	8.4	9.1	8.1
1983	4.0	8.0	8.3	8.1	9.0	7.7
1984	3.9	8.0	8.1	7.9	9.0	7.7
1985	3.9	7.7	7.9	7.5	9.1	7.7

Percentage of the Labour Force

1980	10.4	20.6	17.7	21.1	26.1	18.8
1981	9.6	20.1	16.2	20.5	24.3	18.2
1982	8.9	18.8	17.5	19.4	23.1	17.0
1983	8.6	18.3	15.6	18.6	23.3	16.3
1984	8.3	19.0	16.7	18.1	21.3	16.0
1985	8.1	18.0	14.6	17.4	23.2	15.7

Pupils and students according to Laender and Levels (cont.)

Ireland	Italy	Luxembourg	Netherlands	Portugal	Spain	Year
---------	-------	------------	-------------	----------	-------	------

Primary Level

Attendance from ... up to under ... Years

6-12 6-11 6-12 6-12 6-12 6-11

Pupils in Thousands

400	4929	32	1530	1147	3559	1970
414	4880	32	1523	1212	3697	1975
430	4437	27	1403	1163	3697	1980
431	4345	26	1340	1179	3725	1981
432	4215	25	1271	1306	3732	1982
429	4073	•	1209	1228	3706	1983
429	3914	•	1163	1275	3669	1984
428	3724	24	1177	•	3582	1985

Percentage of the Population of the same Age

•	127.7	95.0	101.5	112.2	•	1980
102.5	100.0	96.7	100.2	114.7	•	1981
•	97.0	•	100.2	•	•	1982
•	•	•	100.4	•	•	1983
•	96.4	•	101.5	•	•	1984
•	95.4	99.2	106.7	•	•	1985

Percentage of the Total Population

12.6	7.8	7.4	10.0	12.3	9.9	1980
12.5	7.6	7.1	9.4	12.4	9.9	1981
12.4	7.4	•	8.9	13.1	9.8	1982
12.2	7.2	•	8.4	12.4	9.7	1983
12.1	6.9	•	8.1	12.7	9.5	1984
12.1	6.5	6.6	8.1	•	9.4	1985

Percentage of the Labour Force

35.1	19.5	16.8	26.4	26.5	27.7	1980
34.5	18.8	16.0	•	27.0	27.8	1981
36.5	18.3	•	•	33.8	27.5	1982
32.8	17.7	•	•	31.6	27.1	1983
31.6	16.7	•	•	32.9	26.8	1984
32.6	15.9	•	•	•	25.6	1985

Pupils and students according to Laender and Levels (cont.)

Year	Federal Republic of Germany	Belgium	Denmark	France	Greece	Great Britain, Northern Ireland
------	-----------------------------	---------	---------	--------	--------	---------------------------------

Secondary Level, Stage I

Attendance from ... up to under ... Years

10-16 12-15 13-16 11-15 12-15 11-14

Pupils in Thousands

1970	4512	509	258	2772	332	2470
1975	5495	537	281	3272	374	2832
1980	5572	516	299	3250	452	2778
1981	5403	•	290	3297	459	2713
1982	5151	•	277	3349	452	2671
1983	4813	•	264	3396	441	2611
1984	4433	•	261	3459	442	2528
1985	4092	•	263	3399	•	2393

Percentage of the Population of the same Age

1980	92.2	114.4	117.9	97.0	•	102.3
1981	92.7	•	115.0	99.1	•	101.5
1982	92.5	•	114.6	101.0	96.9	101.3
1983	92.5	•	117.1	99.4	96.5	100.1
1984	92.4	•	120.9	100.1	99.5	100.2
1985	93.2	•	121.5	98.1	•	100.1

Percentage of the Total Population

1980	9.1	5.2	5.8	6.1	4.7	5.0
1981	8.8	•	5.7	6.1	4.7	4.9
1982	8.4	•	5.4	6.2	4.6	4.8
1983	7.8	•	5.2	6.2	4.5	4.6
1984	7.2	•	5.1	6.3	4.4	4.5
1985	6.7	•	5.1	6.2	•	4.2

Percentage of the Labour Force

1980	20.2	12.4	12.2	14.0	13.1	10.5
1981	19.3	•	10.8	14.1	12.5	10.4
1982	18.2	•	11.2	14.2	12.1	10.1
1983	16.9	•	9.7	14.3	11.6	9.8
1984	15.3	•	10.5	14.5	10.6	9.4
1985	14.1	•	9.6	14.2	•	8.7

Pupils and students according to Laender and Levels (cont.)

Ireland	Italy	Luxembourg ¹⁾	Netherlands	Portugal	Spain	Year
---------	-------	--------------------------	-------------	----------	-------	------

Secondary Level, Stage I

Attendance from ... up to under ... Years

12-15 11-14 12-15 12-15 12-15 11-14

Pupils in Thousands

1970	152	2168	15	800	226	1741	1970
1975	187	2779	16	991	317	1941	1975
1980	200	2885	16	1022	293	1997	1980
1981	202	2856	16	1027	268	1996	1981
1982	205	2850	15	1033	316	2000	1982
1983	208	2816	13	1023	337	2025	1983
1984	211	2789	12	997	358	2251	1984
1985	212	2765	13	957	•	2290	1985

Percentage of the Population of the same Age

1980	•	104.9	98.8	139.8	53.4	•	1980
1981	100.0	105.2	101.9	141.2	52.4	•	1981
1982	•	105.0	•	140.1	•	•	1982
1983	•	•	87.8	138.3	•	•	1983
1984	•	104.1	83.3	136.4	•	•	1984
1985	•	104.0	94.2	137.4	•	•	1985

Percentage of the Total Population

1980	5.9	5.1	4.4	7.3	3.1	5.3	1980
1981	5.9	5.0	4.4	7.2	2.8	5.3	1981
1982	5.9	5.0	•	7.2	3.2	5.3	1982
1983	5.9	5.0	3.6	7.1	3.4	5.3	1983
1984	6.0	4.9	3.3	6.9	3.6	5.9	1984
1985	6.0	4.9	3.6	6.6	•	6.0	1985

Percentage of the Labour Force

1980	16.3	12.7	9.9	19.2	6.7	15.0	1980
1981	16.2	12.4	9.9	•	6.1	14.9	1981
1982	17.3	12.4	•	•	8.2	14.7	1982
1983	15.9	12.3	•	•	8.7	14.8	1983
1984	15.6	11.9	•	•	9.2	16.5	1984
1985	16.1	11.8	•	•	•	•	1985

Pupils and students according to Laender and Levels (cont.)

Year	Federal Republic of Germany	Belgium	Denmark	France	Greece	Great Britain, Northern Ireland
------	-----------------------------------	---------	---------	--------	--------	--

Secondary Level, Stage II

Attendance from ... up to under ... Years

	16-19	15-18	16-19	15-18	15-18	14-18
--	-------	-------	-------	-------	-------	-------

Pupils in Thousands

1970	598	224	123	1498	222	1741
1975	932	281	145	1709	305	2418
1980	1252	334	200	1876	288	2654
1981	1342	•	208	2012	319	2705
1982	1393	•	219	2040	301	2713
1983	1382	•	223	1953	350	2649
1984	1348	•	222	1978	363	2582
1985	1302	•	224	2026	•	2568

Percentage of the Population of the same Age

1980	40.4	69.5	85.7	72.6	•	70.7
1981	42.1	•	86.7	77.6	•	72.0
1982	43.1	•	88.2	79.4	65.9	72.1
1983	43.1	•	87.7	75.4	74.6	71.4
1984	43.0	•	87.9	77.3	77.2	71.1
1985	42.7	•	90.4	79.8	•	72.0

Percentage of the Total Population

1980	2.0	3.4	3.9	3.5	3.0	4.7
1981	2.2	•	4.1	3.7	3.3	4.8
1982	2.3	•	4.3	3.8	3.1	4.9
1983	2.2	•	4.4	3.6	3.6	4.7
1984	2.2	•	4.3	3.6	3.6	4.6
1985	2.1	•	4.4	3.7	•	4.5

Percentage of the Labour Force

1980	4.5	8.0	8.1	8.1	8.3	10.1
1981	4.8	•	7.8	8.6	8.7	10.4
1982	4.9	•	8.8	8.7	8.1	10.2
1983	4.8	•	8.2	8.2	9.2	9.9
1984	4.7	•	8.9	8.3	8.7	9.6
1985	4.5	•	8.1	8.5	•	9.3

Pupils and students according to Laender and Levels (cont.)

Ireland	Italy	Luxem- bourg	Nether- lands	Portugal	Spain	Year
---------	-------	-----------------	------------------	----------	-------	------

Secondary Level, Stage II

Attendance from ... up to under ... Years

	15-17	14-19	15-19	15-18	15-18	14-18
--	-------	-------	-------	-------	-------	-------

Pupils in Thousands

1970	56	1665	6	206	51	457
1975	84	2113	8	305	106	1249
1980	101	2452	10	394	178	1980
1981	107	2457	10	414	206	2096
1982	112	2502	11	440	227	2173
1983	116	2542	11	471	263	2276
1984	122	2584	11	494	239	2152
1985	126	2642	11	513	•	2220

Percentage of the Population of the same Age

1980	•	53.3	44.4	52.2	32.1	•
1981	78.8	53.0	44.8	54.5	39.4	•
1982	•	53.6	•	58.6	•	•
1983	•	•	50.2	63.9	•	•
1984	•	54.8	51.4	67.7	•	•
1985	•	56.7	53.1	69.5	•	•

Percentage of the Total Population

1980	3.0	4.3	2.7	2.8	1.9	5.3
1981	3.1	4.3	2.7	2.9	2.2	5.6
1982	3.2	4.4	•	3.1	2.3	5.7
1983	3.3	4.5	3.0	3.3	2.6	6.0
1984	3.5	4.5	3.0	3.4	2.4	5.6
1985	3.6	4.6	3.0	3.5	•	5.8

Percentage of the Labour Force

1980	8.3	10.8	6.2	7.4	4.1	14.8
1981	8.6	10.7	6.2	•	4.7	15.7
1982	9.5	10.9	•	•	5.9	16.0
1983	8.9	11.1	•	•	6.8	16.6
1984	9.0	11.0	•	•	6.2	15.7
1985	9.6	11.3	•	•	•	15.8

Pupils and students according to Laender and Levels (cont.)

Year	Federal Republic of Germany	Belgium	Denmark	France	Greece	Great Britain, Northern Ireland
------	-----------------------------	---------	---------	--------	--------	---------------------------------

Tertiary Level

Attendance from ... up to under ... Years

19-26 18-25 19-26 18-15 18-25 18-25

Pupils in Thousands

1970	672	125	94	766	86	457
1975	1035	158	16	942	117	516
1980	1212	197	106	1024	121	535
1981	1312	202	107	1151	125	556
1982	1392	207	111	1174	137	568
1983	1458	212	113	1118	149	581
1984	1503	218	115	1249	168	590
1985	1530	247	116	1279	•	600

Percentage of the Population of the same Age

1980	18.9	17.8	20.3	17.3	•	9.1
1981	19.7	18.2	20.5	19.5	•	9.2
1982	20.3	•	21.2	19.8	13.9	9.3
1983	20.8	18.9	21.4	18.6	14.8	9.1
1984	21.0	19.7	21.4	20.7	16.4	9.0
1985	21.0	22.6	21.3	21.2	•	9.1

Percentage of the Total Population

1980	2.0	2.0	2.1	1.9	1.3	1.0
1981	2.1	2.0	2.1	2.8	1.3	1.0
1982	2.3	2.1	2.2	2.2	1.4	1.0
1983	2.4	2.2	2.2	2.1	1.5	1.0
1984	2.5	2.2	2.2	2.3	1.7	1.0
1985	2.5	2.5	2.3	2.3	•	1.1

Percentage of the Labour Force

1980	4.4	4.7	4.3	4.4	3.5	2.0
1981	4.7	4.9	4.0	6.5	3.4	2.1
1982	4.9	4.8	4.5	5.0	3.7	2.1
1983	5.1	4.9	4.1	4.7	3.9	2.2
1984	5.2	5.3	4.6	5.2	4.0	2.2
1985	5.3	5.9	4.2	5.4	•	2.2

Pupils and students according to Laender and Levels (cont.)

Ireland	Italy	Luxembourg	Netherlands	Portugal	Spain	Year
---------	-------	------------	-------------	----------	-------	------

Tertiary Level

Attendance from ... up to under ... Years

17-24 19-26 19-22 18-25 18-26 18-25

Pupils in Thousands

26	687	1	175	68	352	1970
33	944	1	234	85	539	1975
42	1055	1	285	91	681	1980
45	1032	1	288	95	704	1981
48	1030	1	297	99	731	1982
50	1063	1	301	106	780	1983
52	1115	1	307	118	857	1984
55	1118	•	308	•	935	1985

Percentage of the Population of the same Age

•	18.3	5.8	16.9	6.9	•	1980
10.8	17.7	5.8	16.8	7.6	•	1981
•	17.6	•	17.1	•	•	1982
•	•	5.7	17.2	•	•	1983
•	17.8	5.7	17.4	•	•	1984
•	17.4	•	17.5	•	•	1985

Percentage of the Total Population

1.2	1.9	0.3	2.0	1.0	1.8	1980
1.3	1.8	0.3	2.0	1.0	1.9	1981
1.4	1.8	•	2.1	1.0	1.9	1982
1.4	1.9	0.3	2.1	1.1	2.0	1983
1.5	2.0	0.3	2.1	1.2	2.2	1984
1.6	2.0	•	2.1	•	2.5	1985

Percentage of the Labour Force

3.4	4.6	0.6	5.4	2.1	5.1	1980
3.6	4.5	0.6	•	2.2	5.3	1981
4.1	4.5	•	•	2.6	5.4	1982
3.8	4.6	•	•	2.7	5.7	1983
3.8	4.8	•	•	3.0	6.3	1984
4.2	4.8	•	•	•	6.7	1985