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Structural data of Germany¹

	Unit	1960	1970	1980	1990	2000	2010
Population²	1,000	55,958	61,001	61,658	63,726	82,260	81,752
Male ²	1,000	26,328	29,072	29,481	30,851	40,157	40,112
Female ²	1,000	29,631	31,930	32,177	32,875	42,103	41,639
Foreigners ²	1,000	-	2,738	4,566	5,447	7,268	7,199
Live births	1,000	1,262	1,048	866	906	767	678
Foreigners	1,000	11	63	81	86	50	33
Surplus of births (+) or deaths (-)	1,000	+385	+72	-87	-16	-72	-181
Net immigration (+) or net emigration (-) ³	1,000	+176	+555	+298	+670	+167	+128
Employed persons⁴	1,000	26,194	25,951	26,874	29,334	36,604	38,938
Male	1,000	16,340	16,441	16,782	17,585	20,680	21,048
Female	1,000	9,854	9,510	10,092	11,749	15,924	17,891
Employed foreigners⁵	1,000	279	1,807	2,018	1,775	1,899	1,879
Of which,							
Greeks	1,000	-	230	132	103	109	85
Italians	1,000	-	364	305	170	203	179
Portuguese	1,000	-	40	59	42	48	41
Spaniards	1,000	-	163	86	61	40	34
Turks	1,000	-	323	578	598	543	475
Unemployed persons, total⁶	1,000	271	149	889	1,883	3,890	3,239
Female	1,000	-	-	462	915	1,836	1,479
Male	1,000	-	-	426	968	2,053	1,760
Unemployment rate ⁷	in %	-	-	-	-	9.6	7.7
Unemployed persons⁸							
Without completed vocational training, total	1,000	-	-	444	808	1,396	1,340
Female	1,000	-	-	256	409	647	621
Male	1,000	-	-	188	399	749	718
With in-company/ school training, total	1,000	-	-	337	800	2,114	1,575
Female	1,000	-	-	180	390	1,059	702
Male	1,000	-	-	157	410	1,055	873
With academic degree, total ⁹	1,000	-	-	42	120	175	178
Female	1,000	-	-	18	59	79	84
Male	1,000	-	-	24	61	96	94
Unemployment rate¹⁰							
Without completed vocational training	in %	-	-	5.9	13.3	22.2	20.7
With in-company/school training	in %	-	-	2.1	4.0	8.1	5.8
With university of applied sciences degree	in %	-	-	1.8	2.8	-	2.7
With university degree	in %	-	-	1.9	3.9	-	2.3

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Structural data of Germany¹

	Unit	1960	1970	1980	1990	2000	2010
Pupils, total	1,000	8,457	10,976	11,763	9,044	12,642	11,485
Male	1,000	-	-	6,162	4,724	6,526	5,955
Female	1,000	-	-	5,600	4,320	6,116	5,530
Foreigners	1,000	-	187	747	966	1,155	933
General schools, total	1,000	6,669	8,992	9,186	6,882	9,960	8,797
Male	1,000	-	-	4,704	3,521	5,063	4,479
Female	1,000	-	-	4,482	3,360	4,898	4,318
New entrants	1,000	-	-	636	656	812	707
Vocational schools, total	1,000	1,788	1,984	2,576	2,162	2,682	2,688
Male	1,000	-	-	1,458	1,203	1,463	1,476
Female	1,000	-	-	1,118	960	1,218	1,212
Pupils at schools for nurses, midwives etc.	1,000	-	65	97	97	113	132
Apprentices, total	1,000	1,279	1,269	1,715	1,477	1,702	1,508
Male	1,000	818	820	1,061	847	1,007	909
Female	1,000	461	449	655	630	695	600
Foreigners	1,000	-	-	-	98	97	77
With new training contracts	1,000	-	-	670	538	623	559
Students at higher education	1,000	247	422	1,036	1,579	1,799	2,218
Male	1,000	181	292	656	974	970	1,158
Female	1,000	66	130	380	605	829	1,060
Foreigners	1,000	21	25	58	100	187	252
First-year students	1,000	53	87	193	278	315	445
Foreigners	1,000	5	5	13	24	55	80
School graduates/ school-leavers							
From full-time schools ¹¹	1,000	469	489	501	254	321	233
With secondary general school certificate	1,000	355	349	391	200	234	180
Without secondary general school certificate	1,000	114	140	109	54	87	53
With intermediate school certificate ¹¹	1,000	117	200	422	284	441	445
With higher education entrance qualification ¹¹	1,000	57	92	222	275	348	457
Passed qualifying examinations							
By apprentices	1,000	-	-	568	532	503	479
Higher education graduates	1,000	48	87	124	166	214	362
Teachers at all schools	1,000	264	389	557	542	785	798
At general schools	1,000	224	339	478	458	672	673
Student-teacher ratio	Number	30	27	19	15	15	13
At vocational schools	1,000	39	51	79	84	113	125
Student-teacher ratio	Number	45	39	33	26	24	22
Teachers at higher education¹²	1,000	-	-	85	109	157	211
Universities	1,000	-	-	76	98	139	183
Students per teacher	Number	-	-	11	12	10	8
Universities of applied sciences	1,000	-	-	9	11	18	27
Students per teacher	Number	-	-	22	34	25	26
Other higher education staff¹²	1,000	-	-	161	205	265	274

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Structural data of Germany¹

	Unit	1960	1970	1980	1990	2000	2010
Full-time staff in the public sector¹³	1,000	-	-	-	-	3,697	3,107
At federal level	1,000	-	-	-	-	555	461
At Länder level	1,000	-	-	-	-	1,805	1,568
At local government level	1,000	-	-	-	-	1,066	820
Part-time staff in the public sector¹³	1,000	-	-	-	-	1,212	1,479
At federal level	1,000	-	-	-	-	43	69
At Länder level	1,000	-	-	-	-	586	750
At local government level	1,000	-	-	-	-	506	536
Total public expenditure¹⁴	Billions of €	-	-	379	585	961	1,142
Per inhabitant ²	€	-	-	6,150	7,338	11,680	13,974
Federal Government	Billions of €	-	-	111	159	266	355
Länder governments	Billions of €	-	-	107	153	251	307
Local governments	Billions of €	-	-	74	107	146	191
Expenditure on staff	Billions of €	-	-	88	127	182	224
Federal Government	Billions of €	-	-	16	22	27	42
Länder governments	Billions of €	-	-	45	64	95	115
Local governments	Billions of €	-	-	22	33	40	49
Public expenditure on education ¹⁵	Billions of €	5,805	14,193	33,910	41,916	79,264	106,219
Per inhabitant ²	€	103	233	551	663	964	1,299
For schools ¹⁵	Millions of €	4,138	8,726	22,866	27,728	46,723	59,059
Länder governments	Millions of €	2,596	5,840	17,268	22,055	37,888	46,270
Local governments	Millions of €	1,616	2,872	5,578	5,668	8,834	11,124
For higher education ^{15 16}	Millions of €	1,667	3,514	7,155	10,570	17,243	22,527
Federal Government	Millions of €	141	504	663	1,014	1,936	3,224
Länder governments	Millions of €	829	3,003	6,492	9,556	15,306	19,303
Tax revenue in cash terms	Millions of €	35,100	78,000	186,579	281,040	467,413	530,673
Per inhabitant ²	€	627	1,279	3,026	3,524	5,682	6,491
Federal Government	Millions of €	18,711	42,742	90,776	133,873	198,790	225,811
Länder governments	Millions of €	10,978	25,811	64,154	97,793	189,493	210,052
Local governments	Millions of €	4,378	9,326	26,229	38,155	57,297	70,443
Gross domestic product¹⁷	Millions of €	154,770	360,600	788,520	1,306,680	2,129,660	2,616,060
Per inhabitant ¹⁸	€	2,792	5,945	12,808	20,658	26,145	32,585

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Structural data of Germany¹

	Unit	2018	2019	2020	2021	2022	2023
Population²	1,000	83,019	83,167	83,155	83,237	84,359	84,669
Male ²	1,000	40,967	41,038	41,027	41,067	41,559	41,784
Female ²	1,000	42,053	42,129	42,129	42,170	42,800	42,886
Foreigners ²	1,000	10,089	10,398	10,585	10,893	12,324	12,908
Live births	1,000	788	778	773	795	739	693
Foreigners	1,000	105	106	106	106	111	110
Surplus of births (+) or deaths (-)	1,000	-167	-161	-212	-228	-328	-335
Net immigration (+) or net emigration (-) ³	1,000	+400	+327	+220	+329	+1,462	+663
Employed persons⁴	1,000	41,895	42,379	41,562	41,552	42,527	43,117
Male	1,000	22,380	22,608	22,141	22,130	22,626	22,909
Female	1,000	19,514	19,771	19,421	19,422	19,901	20,207
Employed foreigners⁵	1,000	3,848	4,153	4,236	4,546	4,984	5,326
Of which,							
Greeks	1,000	145	149	146	149	155	156
Italians	1,000	267	274	269	275	283	285
Portuguese	1,000	61	62	62	64	66	67
Spaniards	1,000	69	71	71	76	82	86
Turks	1,000	539	542	531	539	556	567
Unemployed persons, total⁶	1,000	2,340	2,267	2,695	2,613	2,418	2,609
Female	1,000	1,048	1,004	1,175	1,159	1,106	1,196
Male	1,000	1,292	1,263	1,521	1,455	1,313	1,412
Unemployment rate ⁷	in %	5.2	5.0	5.9	5.7	5.3	5.7
Unemployed persons⁸							
Without completed vocational training, total	1,000	1,202	1,181	1,408	1,403	1,344	1,454
Female	1,000	539	525	615	629	627	675
Male	1,000	662	656	793	774	716	779
With in-company/ school training, total	1,000	926	877	1,028	969	846	879
Female	1,000	408	379	435	415	362	377
Male	1,000	518	498	593	555	484	502
With academic degree, total ⁹	1,000	185	187	238	222	205	243
Female	1,000	88	90	115	107	103	128
Male	1,000	97	98	123	115	101	115
Unemployment rate¹⁰							
Without completed vocational training	in %	17.4	17.0	-	-	-	-
With in-company/school training	in %	3.4	3.3	-	-	-	-
With university of applied sciences degree	in %	2.1	2.1	-	-	-	-
With university degree	in %	2.0	2.0	-	-	-	-

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Structural data of Germany¹

	Unit	2018	2019	2020	2021	2022	2023
Pupils, total	1,000	10,780	10,744	10,735	10,746	10,953	11,075
Male	1,000	5,655	5,632	5,617	5,616	5,717	5,779
Female	1,000	5,125	5,112	5,118	5,130	5,236	5,296
Foreigners	1,000	1,216	1,269	1,298	1,341	1,568	1,718
General schools, total	1,000	8,330	8,327	8,381	8,436	8,693	8,819
Male	1,000	4,258	4,252	4,274	4,299	4,428	4,492
Female	1,000	4,072	4,074	4,107	4,138	4,265	4,328
New entrants	1,000	728	733	750	771	814	832
Vocational schools, total	1,000	2,450	2,417	2,355	2,310	2,260	2,256
Male	1,000	1,397	1,379	1,343	1,318	1,289	1,287
Female	1,000	1,053	1,038	1,011	992	971	968
Pupils at schools for nurses, midwives etc.	1,000	157	165	149	140	185	189
Apprentices, total	1,000	1,331	1,329	1,289	1,255	1,216	1,217
Male	1,000	851	859	840	822	796	795
Female	1,000	480	470	449	433	420	422
Foreigners	1,000	131	143	141	135	130	135
With new training contracts	1,000	522	513	466	466	470	480
Students at higher education	1,000	2,868	2,891	2,944	2,946	2,920	2,868
Male	1,000	1,466	1,465	1,476	1,468	1,444	1,408
Female	1,000	1,402	1,426	1,468	1,478	1,476	1,460
Foreigners	1,000	395	412	416	441	458	469
First-year students	1,000	512	509	490	472	474	482
Foreigners	1,000	126	125	100	117	129	132
School graduates/ school-leavers							
From full-time schools ¹¹	1,000	187	185	169	170	177	186
With secondary general school certificate	1,000	134	132	124	122	125	130
Without secondary general school certificate	1,000	54	53	45	47	52	56
With intermediate school certificate ¹¹	1,000	425	419	419	417	412	410
With higher education entrance qualification ¹¹	1,000	433	419	382	394	385	381
Passed qualifying examinations							
By apprentices	1,000	387	383	380	379	377	348
Higher education graduates	1,000	499	508	477	518	506	502
Teachers at all schools	1,000	811	818	827	833	848	863
At general schools	1,000	686	694	702	709	725	739
Student-teacher ratio	Number	12	12	12	12	12	12
At vocational schools	1,000	125	125	125	124	124	124
Student-teacher ratio	Number	20	19	19	19	18	18
Teachers at higher education¹²	1,000	256	261	269	276	278	282
Universities	1,000	216	220	227	232	233	236
Students per teacher	Number	8	8	8	8	8	7
Universities of applied sciences	1,000	40	41	42	44	45	46
Students per teacher	Number	26	26	27	26	26	25
Other higher education staff¹²	1,000	311	325	339	347	353	360

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Structural data of Germany¹

	Unit	2018	2019	2020	2021	2022	2023
Full-time staff in the public sector¹³	1,000	3,232	3,269	3,310	3,371	3,404	3,421
At federal level	1,000	439	444	451	460	462	460
At Länder level	1,000	1,637	1,657	1,673	1,691	1,707	1,708
At local government level	1,000	919	936	955	984	1,002	1,019
Part-time staff in the public sector¹³	1,000	1,571	1,616	1,658	1,724	1,802	1,849
At federal level	1,000	57	58	59	61	64	65
At Länder level	1,000	783	803	821	851	897	921
At local government level	1,000	599	621	642	673	700	720
Total public expenditure¹⁴	Billions of €	1,429	1,497	1,679	1,762	1,875	1,952
Per inhabitant ²	€	17,207	18,005	20,187	21,173	22,232	23,054
Federal Government	Billions of €	386	397	512	561	609	614
Länder governments	Billions of €	399	417	487	507	522	529
Local governments	Billions of €	260	277	293	303	326	365
Expenditure on staff	Billions of €	294	308	321	333	348	373
Federal Government	Billions of €	52	54	56	58	60	66
Länder governments	Billions of €	151	159	166	171	178	186
Local governments	Billions of €	69	73	76	80	86	96
Public expenditure on education ¹⁵	Billions of €	141,657	150,533	164,002	167,412	176,330	181,017
Per inhabitant ²	€	1,706	1,810	1,972	2,011	2,090	2,138
For schools ¹⁵	Millions of €	70,132	74,186	79,408	82,032	87,481	87,435
Länder governments	Millions of €	56,284	59,786	61,979	65,141	68,199	69,273
Local governments	Millions of €	13,101	14,376	15,677	16,296	17,178	18,123
For higher education ^{15 16}	Millions of €	30,618	32,134	33,187	33,859	35,423	36,086
Federal Government	Millions of €	5,261	5,371	4,705	4,688	4,918	5,079
Länder governments	Millions of €	25,356	26,763	28,482	29,171	30,505	31,007
Tax revenue in cash terms	Millions of €	776,379	799,390	739,992	831,843	894,340	917,644
Per inhabitant ²	€	9,352	9,612	8,899	9,994	10,602	10,838
Federal Government	Millions of €	322,359	329,052	283,115	313,667	337,209	356,042
Länder governments	Millions of €	314,058	324,517	316,331	355,088	384,495	382,627
Local governments	Millions of €	111,374	114,899	107,755	124,865	134,018	143,531
Gross domestic product¹⁷	Millions of €	3,431,130	3,534,880	3,449,620	3,676,460	3,953,850	4,185,550
Per inhabitant ¹⁸	€	41,386	42,541	41,481	44,190	47,183	49,525

Structural data of Germany¹

- 1 Until 1990, former West Germany.
- 2 Until 2010, population data are based on past censuses. As of 2018, results of the population census (Bevölkerungsfortschreibung) are based on 2011 Census.
- 3 2010 data are of limited comparability because of corrections in the register of residents.
- 4 Findings of the Microcensus. As of 2010, annual averages. As of 2018, calculated with data of the population census (Bevölkerungsfortschreibung) that is based on 2011 Census, comparability with the previous years is limited. As of 2018, population in private household without collective living quarters. As of 2020, findings of the 2020 Microcensus, comparability with the previous years is limited.
- 5 Results of counts of employed persons registered with the Federal Employment Office. As of 1980, figures from statistics on employment covered by social security; as of 2000, revised data of the employment statistics; annual averages. As of 2000, survey reference day for each year is 30 June.
- 6 As of 2010, revised data due to a revision of the unemployment statistics.
- 7 Referring to the total civilian labour force (excluding apprentices) of the same qualification.
- 8 Up to and including 2000, data are from the Institute for Employment Research. As of 2010, data are from the Federal Employment Agency. As of 2010, data are revised due to a revision of the unemployment statistics.
- 9 Until 2010: sum of university degree and university of applied sciences degree.
- 10 According to calculations of the Institute for Employment Research. The figures differ from the unemployment statistics of the Federal Employment Agency because different basic values have been used. Referring to the total civilian labour force. As of 2018, revised data for employed persons based on 2011 Census. As of 2020, data not available due to methodical reasons.
- 11 General schools and vocational schools. As of 2018, the school part of the entrance qualification for universities of applied sciences is counted to the intermediate school certificate.
- 12 Staff in main professions only.
- 13 Findings of the statistics on public service personnel. Survey reference day for each year is 30 June. Including social insurance and the Federal Employment Agency; as of 2010, including company health insurance funds.
- 14 Including social insurance and EU shares. As of 2000, excluding hospitals and teaching hospitals which keep commercial accounts. Due to the new budgetary system, as of 2010, limited comparability with the previous years only. Until 2000, findings of the financial statistics (Rechnungsstatistik), as of 2010, quarterly cash results with extended group of respondents.
- 15 Basic funds excluding expenditure on pensions. From 2018 to 2023: preliminary ACTUAL.
- 16 Until 1990, including teaching hospitals which keep commercial accounts. As of 2000, expenditure including teaching hospitals, not including DFG and special research programmes.
- 17 Annual findings of the German Regional Accounts. Pursuant to the European System of Accounts (ESA) 2010, 2024 revision (the results were calculated back to 2000). Date of calculations: August 2024.
- 18 Inhabitants data in the regional accounts are annual averages. Until 2010, population data are based on past censuses. As of 2018, population data are based on 2011 Census.

Last update: December 10, 2024

Source: Federal Statistical Office (Statistisches Jahrbuch, Bildungsfinanzbericht, diverse Fachserien, diverse Statistische Berichte, GENESIS-Online database, Regional Accounts VGRdL - Lange Reihen ab 1925); Working group "Regional Accounts", "Reihe 1, Länderergebnisse Band 1"; Federal Employment Agency (Arbeitslosigkeit im Zeitverlauf, Sozialversicherungspflichtig Beschäftigte nach Staatsangehörigkeiten und Geschlecht, special evaluation); Institute for Employment Research, Qualifikationsspezifische Arbeitslosenquoten