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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 ³	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 (-) ⁴	1,000	+176	+555	+298	+670	+167	+128
Employed persons⁵	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 foreigners⁶	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, total⁷	1,000	271	149	889	1,883	3,890	3,239
Of which, female	1,000	-	-	462	915	1,836	1,479
Unemployment rate ⁸	in %	-	-	-	-	9.6	7.7
Unemployed persons							
Without completed vocational training, total ⁹	1,000	-	-	444	808	1,396	1,340
Unemployment rate ¹⁰	in %	-	-	5.9	13.3	22.2	20.7
Of which, female ⁹	1,000	-	-	256	409	647	621
With in-company/ school training, total ⁹	1,000	-	-	337	800	2,114	1,575
Unemployment rate ¹⁰	in %	-	-	2.1	4.0	8.1	5.8
Of which, female ⁹	1,000	-	-	180	390	1,059	702
With university of applied sciences degree, total ⁹	1,000	-	-	14	34	49	74
Unemployment rate ¹⁰	in %	-	-	1.8	2.8	-	2.7
Of which, female ⁹	1,000	-	-	5	15	19	32
With university degree, total ⁹	1,000	-	-	28	86	126	104
Unemployment rate ¹⁰	in %	-	-	1.9	3.9	-	2.3
Of which, female ⁹	1,000	-	-	13	44	60	52
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

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Structural data of Germany¹

	Unit	1960	1970	1980	1990	2000	2010
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
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 €	33	100	379	585	961	1,142
Per inhabitant ²	€	590	1,646	6,150	9,184	11,680	13,974
Federal Government	Billions of €	16	45	111	159	266	355
Länder governments	Billions of €	13	39	107	153	251	307
Local governments	Billions of €	8	29	74	107	146	191
Expenditure on staff	Billions of €	9	31	88	127	182	224
Federal Government	Billions of €	2	7	16	22	27	42
Länder governments	Billions of €	5	16	45	64	95	115
Local governments	Billions of €	2	8	22	33	40	49

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Structural data of Germany¹

	Unit	1960	1970	1980	1990	2000	2010
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	37,887	44,605
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	4,410	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	2,109,090	2,564,400
Per inhabitant ¹⁸	€	2,792	5,945	12,808	20,658	25,892	31,942

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Structural data of Germany¹

	Unit	2014	2015	2016	2017	2018	2019
Population²	1,000	81,198	82,176	82,522	82,792	83,019	83,167
Male ²	1,000	39,835	40,514	40,697	40,844	40,967	41,038
Female ²	1,000	41,362	41,662	41,825	41,949	42,053	42,129
Foreigners ²	1,000	7,540	8,652	9,220	9,679	10,089	10,398
Live births	1,000	715	738	792	785	788	778
Foreigners ³	1,000	52	68	97	98	105	106
Surplus of births (+) or deaths (-)	1,000	-153	-188	-119	-147	-167	-161
Net immigration (+) or net emigration (-) ⁴	1,000	+550	+1,139	+500	+416	+400	+327
Employed persons⁵	1,000	39,942	40,279	41,339	41,641	41,895	42,379
Male	1,000	21,344	21,491	22,107	22,272	22,380	22,608
Female	1,000	18,597	18,788	19,232	19,369	19,514	19,771
Employed foreigners⁶	1,000	2,563	2,829	3,134	3,470	3,848	4,153
Of which,							
Greeks	1,000	117	124	131	138	145	149
Italians	1,000	218	232	244	255	267	274
Portuguese	1,000	53	56	58	60	61	62
Spaniards	1,000	56	60	64	67	69	71
Turks	1,000	503	510	516	527	539	542
Unemployed persons, total⁷	1,000	2,898	2,795	2,691	2,533	2,340	2,267
Of which, female	1,000	1,333	1,277	1,208	1,135	1,048	1,004
Unemployment rate ⁸	in %	6.7	6.4	6.1	5.7	5.2	5.0
Unemployed persons							
Without completed vocational training, total ⁹	1,000	1,303	1,294	1,263	1,157	1,202	1,181
Unemployment rate ¹⁰	in %	19.9	20.3	19.1	17.9	17.4	17.0
Of which, female ⁹	1,000	611	602	576	524	539	525
With in-company/ school training, total ⁹	1,000	1,327	1,240	1,137	1,028	926	877
Unemployment rate ¹⁰	in %	4.9	4.6	4.2	3.9	3.4	3.3
Of which, female ⁹	1,000	595	552	501	453	408	379
With university of applied sciences degree, total ⁹	1,000	75	75	71	69	65	65
Unemployment rate ¹⁰	in %	2.7	2.5	2.4	2.4	2.1	2.1
Of which, female ⁹	1,000	33	33	31	30	29	29
With university degree, total ⁹	1,000	127	127	122	119	114	115
Unemployment rate ¹⁰	in %	2.5	2.4	2.2	2.2	2.0	2.0
Of which, female ⁹	1,000	64	63	60	58	56	57
Pupils, total	1,000	10,872	10,832	10,885	10,837	10,780	10,744
Male	1,000	5,661	5,652	5,709	5,690	5,655	5,632
Female	1,000	5,211	5,180	5,175	5,147	5,125	5,112
Foreigners	1,000	833	912	1,098	1,167	1,216	1,269
General schools, total	1,000	8,367	8,335	8,370	8,347	8,330	8,327
Male	1,000	4,273	4,260	4,288	4,271	4,258	4,252
Female	1,000	4,093	4,075	4,082	4,076	4,072	4,074
New entrants	1,000	711	704	721	725	728	733
Vocational schools, total	1,000	2,506	2,497	2,515	2,490	2,450	2,417
Male	1,000	1,388	1,392	1,422	1,419	1,397	1,379
Female	1,000	1,118	1,105	1,093	1,071	1,053	1,038
Pupils at schools for nurses, midwives etc.	1,000	153	153	155	154	157	165

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Structural data of Germany¹

	Unit	2014	2015	2016	2017	2018	2019
Apprentices, total	1,000	1,359	1,337	1,321	1,324	1,331	1,329
Male	1,000	838	827	822	834	851	859
Female	1,000	521	510	499	490	480	470
Foreigners	1,000	83	87	96	113	131	143
With new training contracts	1,000	518	517	510	516	522	513
Students at higher education	1,000	2,699	2,758	2,807	2,845	2,868	2,891
Male	1,000	1,409	1,434	1,454	1,465	1,466	1,465
Female	1,000	1,290	1,324	1,353	1,380	1,402	1,426
Foreigners	1,000	322	340	359	375	395	412
First-year students	1,000	505	507	510	513	512	509
Foreigners	1,000	109	115	118	122	126	125
School graduates/ school-leavers							
From full-time schools ¹¹	1,000	194	187	188	187	187	185
With secondary general school certificate	1,000	147	140	139	134	134	132
Without secondary general school certificate	1,000	47	47	49	53	54	53
With intermediate school certificate ¹¹	1,000	469	460	465	444	425	419
With higher education entrance qualification ¹¹	1,000	435	445	454	441	433	419
Passed qualifying examinations							
By apprentices	1,000	424	415	400	393	387	383
Higher education graduates	1,000	461	482	492	502	499	512
Teachers at all schools	1,000	786	790	799	805	811	818
At general schools	1,000	664	668	674	679	686	694
Student-teacher ratio	Number	13	12	12	12	12	12
At vocational schools	1,000	122	123	125	126	125	125
Student-teacher ratio	Number	21	20	20	20	20	19
Teachers at higher education¹²	1,000	236	239	242	250	256	261
Universities	1,000	202	204	207	212	216	220
Students per teacher	Number	9	9	9	9	8	8
Universities of applied sciences	1,000	34	35	36	38	40	41
Students per teacher	Number	27	27	28	27	26	26
Other higher education staff¹²	1,000	289	295	300	304	311	325
Full-time staff in the public sector¹³	1,000	3,162	3,159	3,186	3,207	3,232	3,269
At federal level	1,000	437	432	433	437	439	444
At Länder level	1,000	1,607	1,604	1,614	1,624	1,637	1,657
At local government level	1,000	871	878	894	906	919	936
Part-time staff in the public sector¹³	1,000	1,490	1,487	1,504	1,533	1,571	1,616
At federal level	1,000	60	58	57	57	57	58
At Länder level	1,000	750	743	750	765	783	803
At local government level	1,000	557	561	570	581	599	621
Total public expenditure¹⁴	Billions of €	1,237	1,273	1,326	1,368	1,429	1,497
Per inhabitant ²	€	15,230	15,488	16,070	16,521	17,207	18,005
Federal Government	Billions of €	345	341	363	376	386	397
Länder governments	Billions of €	341	355	371	383	399	417
Local governments	Billions of €	215	228	242	248	260	277
Expenditure on staff	Billions of €	255	263	271	282	294	308
Federal Government	Billions of €	46	48	49	51	52	54
Länder governments	Billions of €	131	135	139	145	151	159
Local governments	Billions of €	58	61	63	66	69	73

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Structural data of Germany¹

	Unit	2014	2015	2016	2017	2018	2019
Public expenditure on education ¹⁵	Billions of €	121,598	124,015	129,134	135,133	141,262	150,110
Per inhabitant ²	€	1,498	1,509	1,565	1,632	1,702	1,805
For schools ¹⁵	Millions of €	61,782	62,788	64,274	66,546	69,629	73,837
Länder governments	Millions of €	50,547	51,655	52,380	54,228	56,269	59,767
Local governments	Millions of €	11,196	11,090	11,860	12,273	13,304	14,022
For higher education ^{15 16}	Millions of €	27,943	28,675	29,843	30,501	30,618	32,134
Federal Government	Millions of €	4,967	5,030	5,491	5,794	5,261	5,371
Länder governments	Millions of €	22,976	23,644	24,352	24,707	25,356	26,763
Tax revenue in cash terms	Millions of €	643,496	673,525	705,712	734,695	776,379	799,390
Per inhabitant ²	€	7,925	8,196	8,552	8,874	9,352	9,612
Federal Government	Millions of €	270,746	281,608	289,018	309,361	322,359	329,052
Länder governments	Millions of €	254,276	267,939	288,674	298,414	314,058	324,517
Local governments	Millions of €	87,488	93,040	98,747	105,237	111,374	114,899
Gross domestic product¹⁷	Millions of €	2,927,430	3,026,180	3,134,740	3,259,860	3,356,410	3,449,050
Per inhabitant ¹⁸	€	36,149	37,046	38,067	39,438	40,485	41,508

- 1 Until 1990, former West Germany.
- 2 Until 2010, population data are based on past censuses. As of 2014, results of the population census (Bevölkerungsfortschreibung) are based on 2011 Census.
- 3 From 2014 to 2015, figures on children with foreign nationality are artificially inflated due to methodological reasons.
- 4 2010 data are of limited comparability because of corrections in the register of residents. Due to methodological changes 2016 data are of limited comparability with the previous years; furthermore, over-coverage or under-coverage of the registration data on asylum seekers is possible.
- 5 Findings of the Microcensus. As of 2010, annual averages. As of 2014, calculated with data of the population census (Bevölkerungsfortschreibung) that is based on 2011 Census, comparability with the previous years is limited. As of 2017, population in private household without collective living quarters.
- 6 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.
- 7 As of 2010, revised data due to a revision of the unemployment statistics.
- 8 Referring to the total civilian labour force (excluding apprentices) of the same qualification.
- 9 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.
- 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 2014, revised data for employed persons based on 2011 Census.
- 11 General schools and vocational schools. As of 2014, 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 2005, including company health insurance funds.
- 14 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 2014 to 2019: 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, 2019 revision (the results were calculated back to 2000). Date of calculations: August 2020.
- 18 Inhabitants data in the regional accounts are annual averages. Until 2010, population data are based on past censuses. As of 2014, population data are based on 2011 Census.

Last update: March 2021

Source: Federal Statistical Office (Statistisches Jahrbuch, Bildungsfinanzbericht, diverse Fachserien, GENESIS-Online Datenbank: Fortschreibung des Bevölkerungsstandes, 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