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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 persons⁹							
Without completed vocational training, total	1,000	-	-	444	808	1396	1340
Of which, female	1,000	-	-	256	409	647	621
With in-company/ school training, total	1,000	-	-	337	800	2114	1575
Of which, female	1,000	-	-	180	390	1059	702
With academic degree, total ¹⁰	1,000	-	-	42	120	175	178
Of which, female	1,000	-	-	18	59	79	84
Unemployment rate¹¹							
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
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 ¹²	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 ¹²	1,000	117	200	422	284	441	445
With higher education entrance qualification ¹²	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 education¹³	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 staff¹³	1,000	-	-	161	205	265	274
Full-time staff in the public sector¹⁴	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 sector¹⁴	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 expenditure¹⁵	Billions of €	33	100	379	585	961	1,142
Per inhabitant	€	590	1,646	6,150	9,184	11,680	13,974
Federal Government ²	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 ¹⁶	Billions of €	5,805	14,193	33,910	41,916	79,264	106,219
Per inhabitant	€	103	233	551	663	964	1,299
For schools ^{2,16}	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 ^{16,17}	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	€	627	1,279	3,026	4,410	5,682	6,491
Federal Government ²	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 product¹⁸	Millions of €	154,770	360,600	788,520	1,306,680	2,109,090	2,564,400
Per inhabitant ¹⁹	€	2,792	5,945	12,808	20,658	25,892	31,942

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Structural data of Germany¹

	Unit	2015	2016	2017	2018	2019	2020
Population²	1,000	82,176	82,522	82,792	83,019	83,167	83,155
Male ²	1,000	40,514	40,697	40,844	40,967	41,038	41,027
Female ²	1,000	41,662	41,825	41,949	42,053	42,129	42,129
Foreigners ²	1,000	8,652	9,220	9,679	10,089	10,398	10,585
Live births	1,000	738	792	785	788	778	773
Foreigners ³	1,000	68	97	98	105	106	106
Surplus of births (+) or deaths (-)	1,000	-188	-119	-147	-167	-161	-212
Net immigration (+) or net emigration (-) ⁴	1,000	+1139	+500	+416	+400	+327	+220
Employed persons⁵	1,000	40,279	41,339	41,641	41,895	42,379	41,594
Male	1,000	21,491	22,107	22,272	22,380	22,608	22,151
Female	1,000	18,788	19,232	19,369	19,514	19,771	19,443
Employed foreigners⁶	1,000	2,829	3,134	3,470	3,848	4,153	4,236
Of which,							
Greeks	1,000	124	131	138	145	149	146
Italians	1,000	232	244	255	267	274	269
Portuguese	1,000	56	58	60	61	62	62
Spaniards	1,000	60	64	67	69	71	71
Turks	1,000	510	516	527	539	542	531
Unemployed persons, total⁷	1,000	2,795	2,691	2,533	2,340	2,267	2,695
Of which, female	1,000	1,277	1,208	1,135	1,048	1,004	1,175
Unemployment rate ⁸	in %	6.4	6.1	5.7	5.2	5.0	5.9
Unemployed persons⁹							
Without completed vocational training, total	1,000	1294	1263	1157	1202	1181	1408
Of which, female	1,000	602	576	524	539	525	615
With in-company/ school training, total	1,000	1240	1137	1028	926	877	1028
Of which, female	1,000	552	501	453	408	379	435
With academic degree, total ¹⁰	1,000	202	194	194	185	187	238
Of which, female	1,000	96	90	91	88	90	115
Unemployment rate¹¹							
Without completed vocational training	in %	20.3	19.1	17.9	17.4	17.0	-
With in-company/school training	in %	4.6	4.2	3.9	3.4	3.3	-
With university of applied sciences degree	in %	2.5	2.4	2.4	2.1	2.1	-
With university degree	in %	2.4	2.2	2.2	2.0	2.0	-
Pupils, total	1,000	10,832	10,885	10,837	10,780	10,744	10,735
Male	1,000	5,652	5,709	5,690	5,655	5,632	5,617
Female	1,000	5,180	5,175	5,147	5,125	5,112	5,118
Foreigners	1,000	912	1,098	1,167	1,216	1,269	1,298
General schools, total	1,000	8,335	8,370	8,347	8,330	8,327	8,381
Male	1,000	4,260	4,288	4,271	4,258	4,252	4,274
Female	1,000	4,075	4,082	4,076	4,072	4,074	4,107
New entrants	1,000	704	721	725	728	733	750
Vocational schools, total	1,000	2,497	2,515	2,490	2,450	2,417	2,355
Male	1,000	1,392	1,422	1,419	1,397	1,379	1,343
Female	1,000	1,105	1,093	1,071	1,053	1,038	1,011
Pupils at schools for nurses, midwives etc.	1,000	153	155	154	157	165	149

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Structural data of Germany¹

	Unit	2015	2016	2017	2018	2019	2020
Apprentices, total	1,000	1,337	1,321	1,324	1,331	1,329	1,289
Male	1,000	827	822	834	851	859	840
Female	1,000	510	499	490	480	470	449
Foreigners	1,000	87	96	113	131	143	141
With new training contracts	1,000	517	510	516	522	513	466
Students at higher education	1,000	2,758	2,807	2,845	2,868	2,891	2,944
Male	1,000	1,434	1,454	1,465	1,466	1,465	1,476
Female	1,000	1,324	1,353	1,380	1,402	1,426	1,468
Foreigners	1,000	340	359	375	395	412	416
First-year students	1,000	507	510	513	512	509	490
Foreigners	1,000	115	118	122	126	125	100
School graduates/ school-leavers							
From full-time schools ¹²	1,000	187	188	187	187	185	169
With secondary general school certificate	1,000	140	139	134	134	132	124
Without secondary general school certificate	1,000	47	49	53	54	53	45
With intermediate school certificate ¹²	1,000	460	465	444	425	419	427
With higher education entrance qualification ¹²	1,000	445	454	441	433	419	382
Passed qualifying examinations							
By apprentices	1,000	415	400	393	387	383	380
Higher education graduates	1,000	482	492	502	499	508	477
Teachers at all schools	1,000	790	799	805	811	818	827
At general schools	1,000	668	674	679	686	694	702
Student-teacher ratio	Number	12	12	12	12	12	12
At vocational schools	1,000	123	125	126	125	125	125
Student-teacher ratio	Number	20	20	20	20	19	19
Teachers at higher education¹³	1,000	239	242	250	256	261	269
Universities	1,000	204	207	212	216	220	227
Students per teacher	Number	9	9	9	8	8	9
Universities of applied sciences	1,000	35	36	38	40	41	42
Students per teacher	Number	27	28	27	26	26	27
Other higher education staff¹³	1,000	295	300	304	311	325	339
Full-time staff in the public sector¹⁴	1,000	3,159	3,186	3,207	3,232	3,269	3,310
At federal level	1,000	432	433	437	439	444	451
At Länder level	1,000	1,604	1,614	1,624	1,637	1,657	1,673
At local government level	1,000	878	894	906	919	936	955
Part-time staff in the public sector¹⁴	1,000	1,487	1,504	1,533	1,571	1,616	1,658
At federal level	1,000	58	57	57	57	58	59
At Länder level	1,000	743	750	765	783	803	821
At local government level	1,000	561	570	581	599	621	642
Total public expenditure¹⁵	Billions of €	1,273	1,326	1,368	1,429	1,497	1,679
Per inhabitant	€	15,488	16,070	16,521	17,207	18,005	20,187
Federal Government ²	Billions of €	341	363	376	386	397	512
Länder governments	Billions of €	355	371	383	399	417	487
Local governments	Billions of €	228	242	248	260	277	293
Expenditure on staff	Billions of €	263	271	282	294	308	321
Federal Government	Billions of €	48	49	51	52	54	56
Länder governments	Billions of €	135	139	145	151	159	166
Local governments	Billions of €	61	63	66	69	73	76

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Structural data of Germany¹

	Unit	2015	2016	2017	2018	2019	2020
Public expenditure on education ¹⁶	Billions of €	124,015	129,134	135,133	141,262	150,110	158,644
Per inhabitant	€	1,509	1,565	1,632	1,702	1,805	1,903
For schools ^{2,16}	Millions of €	62,788	64,274	66,546	69,629	73,837	76,382
Länder governments	Millions of €	51,677	52,397	54,250	56,297	59,791	61,563
Local governments	Millions of €	11,090	11,860	12,273	13,304	14,022	14,782
For higher education ^{16,17}	Millions of €	28,675	29,843	30,501	30,618	32,134	32,650
Federal Government	Millions of €	5,030	5,491	5,794	5,261	5,371	4,754
Länder governments	Millions of €	23,644	24,352	24,707	25,356	26,763	27,896
Tax revenue in cash terms	Millions of €	673,525	705,712	734,695	776,379	799,390	739,992
Per inhabitant	€	8,196	8,552	8,874	9,352	9,612	8,899
Federal Government ²	Millions of €	281,608	289,018	309,361	322,359	329,052	283,115
Länder governments	Millions of €	267,939	288,674	298,414	314,058	324,517	316,331
Local governments	Millions of €	93,040	98,747	105,237	111,374	114,899	107,755
Gross domestic product¹⁸	Millions of €	3,026,180	3,134,740	3,267,160	3,367,860	3,473,350	3,367,560
Per inhabitant ¹⁹	€	37,046	38,067	39,527	40,623	41,801	40,494

- 1 Until 1990, former West Germany.
- 2 Until 2010, population data are based on past censuses. As of 2015, results of the population census (Bevölkerungsfortschreibung) are based on 2011 Census.
- 3 In 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 2015, 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. As of 2020, findings of the 2020 Microcensus, comparability with the previous years is limited.
- 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 Until 2016: sum of university degree and university of applied sciences degree.
- 11 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 2015, revised data for employed persons based on 2011 Census. In 2020: data not available due to methodical reasons.
- 12 General schools and vocational schools. As of 2015, the school part of the entrance qualification for universities of applied sciences is counted to the intermediate school certificate.
- 13 Staff in main professions only.
- 14 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.
- 15 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.
- 16 Basic funds excluding expenditure on pensions. From 2015 to 2020: preliminary ACTUAL.
- 17 Until 1990, including teaching hospitals which keep commercial accounts. As of 2000, expenditure including teaching hospitals, not including DFG and special research programmes.
- 18 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: November 2021.
- 19 Inhabitants data in the regional accounts are annual averages. Until 2010, population data are based on past censuses. As of 2015, population data are based on 2011 Census.

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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