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**Structural data of Germany<sup>1</sup>**

	Unit	1960	1970	1980	1990	2000	2010
<b>Population<sup>2</sup></b>	1,000	<b>55,958</b>	<b>61,001</b>	<b>61,658</b>	<b>63,726</b>	<b>82,260</b>	<b>81,752</b>
Male <sup>2</sup>	1,000	26,328	29,072	29,481	30,851	40,157	40,112
Female <sup>2</sup>	1,000	29,631	31,930	32,177	32,875	42,103	41,639
Foreigners <sup>2</sup>	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 <sup>3</sup>	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 (-) <sup>4</sup>	1,000	176	555	298	670	167	128
<b>Employed persons<sup>5</sup></b>	1,000	<b>26,194</b>	<b>25,951</b>	<b>26,874</b>	<b>29,334</b>	<b>36,604</b>	<b>38,938</b>
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
<b>Employed foreigners<sup>6</sup></b>	1,000	<b>279</b>	<b>1,807</b>	<b>2,018</b>	<b>1,775</b>	<b>1,899</b>	<b>1,879</b>
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
<b>Unemployed persons, total<sup>7</sup></b>	1,000	<b>271</b>	<b>149</b>	<b>889</b>	<b>1,883</b>	<b>3,890</b>	<b>3,239</b>
Of which, female	1,000	-	-	462	915	1,836	1,479
Unemployment rate <sup>8</sup>	in %	-	-	-	-	9.6	7.7
<b>Unemployed persons</b>							
Without completed vocational training, total <sup>9</sup>	1,000	-	-	444	808	1,396	1,340
Unemployment rate <sup>10</sup>	in %	-	-	5.9	13.3	22.2	20.7
Of which, female <sup>9</sup>	1,000	-	-	256	409	647	621
With in-company/ school training, total <sup>9</sup>	1,000	-	-	337	800	2,114	1,575
Unemployment rate <sup>10</sup>	in %	-	-	2.1	4.0	8.1	5.8
Of which, female <sup>9</sup>	1,000	-	-	180	390	1,059	702
With university of applied sciences degree, total <sup>9</sup>	1,000	-	-	14	34	49	74
Unemployment rate <sup>10</sup>	in %	-	-	1.8	2.8	-	2.7
Of which, female <sup>9</sup>	1,000	-	-	5	15	19	32
With university degree, total <sup>9</sup>	1,000	-	-	28	86	126	104
Unemployment rate <sup>10</sup>	in %	-	-	1.9	3.9	-	2.3
Of which, female <sup>9</sup>	1,000	-	-	13	44	60	52
<b>Pupils, total</b>	1,000	<b>8457</b>	<b>10976</b>	<b>11763</b>	<b>9044</b>	<b>12642</b>	<b>11485</b>
Male	1,000	-	-	6162	4724	6526	5955
Female	1,000	-	-	5600	4320	6116	5530
Foreigners	1,000	-	187	747	966	1155	933
General schools, total	1,000	6669	8992	9186	6882	9960	8797
Male	1,000	-	-	4704	3521	5063	4479
Female	1,000	-	-	4482	3360	4898	4318
New entrants	1,000	-	-	636	656	812	707
Vocational schools, total	1,000	1788	1984	2576	2162	2682	2688
Male	1,000	-	-	1458	1203	1463	1476
Female	1,000	-	-	1118	960	1218	1212
Pupils at schools for nurses, midwives etc.	1,000	-	65	97	97	113	132

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**Structural data of Germany<sup>1</sup>**

	Unit	1960	1970	1980	1990	2000	2010
<b>Apprentices, total</b>	1,000	<b>1,279</b>	<b>1,269</b>	<b>1,715</b>	<b>1,477</b>	<b>1,702</b>	<b>1,508</b>
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
<b>Students at higher education</b>	1,000	<b>247</b>	<b>422</b>	<b>1,036</b>	<b>1,579</b>	<b>1,799</b>	<b>2,218</b>
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
<b>School graduates/ school-leavers</b>							
From full-time schools <sup>11</sup>	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 <sup>11</sup>	1,000	117	200	422	284	441	445
With higher education entrance qualification <sup>11</sup>	1,000	57	92	222	275	348	457
<b>Passed qualifying examinations</b>							
By apprentices	1,000	-	-	568	532	503	479
Higher education graduates	1,000	48	87	124	166	214	362
<b>Teachers at all schools</b>	1,000	<b>264</b>	<b>389</b>	<b>557</b>	<b>542</b>	<b>785</b>	<b>798</b>
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
<b>Teachers at higher education<sup>12</sup></b>	1,000	-	-	<b>85</b>	<b>109</b>	<b>157</b>	<b>211</b>
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
<b>Other higher education staff<sup>12</sup></b>	1,000	-	-	<b>161</b>	<b>205</b>	<b>265</b>	<b>274</b>
<b>Full-time staff in the public sector<sup>13</sup></b>	1,000	-	-	-	-	<b>3,697</b>	<b>3,107</b>
At federal level	1,000	-	-	-	-	555	461
At Länder level	1,000	-	-	-	-	1,805	1,567
At local government level	1,000	-	-	-	-	1,066	820
<b>Part-time staff in the public sector<sup>13</sup></b>	1,000	-	-	-	-	<b>1,212</b>	<b>1,479</b>
At federal level	1,000	-	-	-	-	42	69
At Länder level	1,000	-	-	-	-	586	750
At local government level	1,000	-	-	-	-	506	536
<b>Total public expenditure<sup>14</sup></b>	Billions of €	<b>33</b>	<b>100</b>	<b>379</b>	<b>585</b>	<b>961</b>	<b>1,142</b>
Per inhabitant <sup>2</sup>	€	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 Germany<sup>1</sup>**

	Unit	1960	1970	1980	1990	2000	2010
Public expenditure on education <sup>15</sup>	Billions of €	5,805	14,193	33,910	41,916	79,264	106,219
Per inhabitant <sup>2</sup>	€	103	233	551	663	964	1,299
For schools <sup>15</sup>	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 <sup>15 16</sup>	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
<b>Tax revenue in cash terms</b>	Millions of €	<b>35,100</b>	<b>78,000</b>	<b>186,579</b>	<b>281,040</b>	<b>467,413</b>	<b>530,673</b>
Per inhabitant <sup>2</sup>	€	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
<b>Gross domestic product<sup>17</sup></b>	Millions of €	<b>154,770</b>	<b>360,600</b>	<b>788,520</b>	<b>1,306,680</b>	<b>2,116,480</b>	<b>2,580,060</b>
Per inhabitant <sup>18</sup>	€	2,792	5,945	12,808	20,658	25,983	32,137

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**Structural data of Germany<sup>1</sup>**

	Unit	2012	2013	2014	2015	2016	2017
<b>Population<sup>2</sup></b>	1,000	<b>80,524</b>	<b>80,767</b>	<b>81,198</b>	<b>82,176</b>	<b>82,522</b>	<b>82,792</b>
Male <sup>2</sup>	1,000	39,381	39,557	39,835	40,514	40,697	40,844
Female <sup>2</sup>	1,000	41,143	41,211	41,362	41,662	41,825	41,949
Foreigners <sup>2</sup>	1,000	6,644	7,015	7,540	8,652	9,220	9,679
Live births	1,000	674	682	715	738	792	785
Foreigners <sup>3</sup>	1,000	32	39	52	68	97	98
Surplus of births (+) or deaths (-)	1,000	-196	-212	-153	-188	-119	-147
Net immigration (+) or net emigration (-) <sup>4</sup>	1,000	369	429	550	1,139	500	416
<b>Employed persons<sup>5</sup></b>	1,000	<b>39,206</b>	<b>39,618</b>	<b>39,942</b>	<b>40,279</b>	<b>41,339</b>	<b>41,641</b>
Male	1,000	21,067	21,193	21,344	21,491	22,107	22,272
Female	1,000	18,139	18,425	18,597	18,788	19,232	19,369
<b>Employed foreigners<sup>6</sup></b>	1,000	<b>2,193</b>	<b>2,341</b>	<b>2,563</b>	<b>2,829</b>	<b>3,134</b>	<b>3,470</b>
Of which,							
Greeks	1,000	100	109	117	124	131	138
Italians	1,000	196	206	218	232	244	255
Portuguese	1,000	47	51	53	56	58	60
Spaniards	1,000	40	48	56	60	64	67
Turks	1,000	501	499	503	510	516	527
<b>Unemployed persons, total<sup>7</sup></b>	1,000	<b>2,897</b>	<b>2,950</b>	<b>2,898</b>	<b>2,795</b>	<b>2,691</b>	<b>2,533</b>
Of which, female	1,000	1,347	1,353	1,333	1,277	1,208	1,135
Unemployment rate <sup>8</sup>	in %	6.8	6.9	6.7	6.4	6.1	5.7
<b>Unemployed persons</b>							
Without completed vocational training, total <sup>9</sup>	1,000	1,215	1,284	1,303	1,294	1,263	1,157
Unemployment rate <sup>10</sup>	in %	19.7	20.0	19.9	20.3	19.1	17.9
Of which, female <sup>9</sup>	1,000	571	599	611	602	576	524
With in-company/ school training, total <sup>9</sup>	1,000	1,307	1,359	1,327	1,240	1,137	1,028
Unemployment rate <sup>10</sup>	in %	5.0	5.1	4.9	4.6	4.2	3.9
Of which, female <sup>9</sup>	1,000	595	607	595	552	501	453
With university of applied sciences degree, total <sup>9</sup>	1,000	66	72	75	75	71	69
Unemployment rate <sup>10</sup>	in %	2.6	2.6	2.7	2.5	2.4	2.4
Of which, female <sup>9</sup>	1,000	30	32	33	33	31	30
With university degree, total <sup>9</sup>	1,000	104	119	127	127	122	119
Unemployment rate <sup>10</sup>	in %	2.5	2.4	2.5	2.4	2.2	2.2
Of which, female <sup>9</sup>	1,000	53	60	64	63	60	58
<b>Pupils, total</b>	1,000	<b>11114</b>	<b>10951</b>	<b>10872</b>	<b>10832</b>	<b>10885</b>	<b>10837</b>
Male	1,000	5777	5698	5661	5652	5709	5690
Female	1,000	5337	5253	5211	5180	5175	5147
Foreigners	1,000	835	818	833	912	1098	1167
General schools, total	1,000	8557	8420	8367	8335	8370	8347
Male	1,000	4366	4300	4273	4260	4288	4271
Female	1,000	4191	4120	4093	4075	4082	4076
New entrants	1,000	688	690	711	704	721	725
Vocational schools, total	1,000	2557	2531	2506	2497	2515	2490
Male	1,000	1412	1398	1388	1392	1422	1419
Female	1,000	1146	1133	1118	1105	1093	1071
Pupils at schools for nurses, midwives etc.	1,000	149	150	153	153	155	154

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**Structural data of Germany<sup>1</sup>**

	Unit	2012	2013	2014	2015	2016	2017
<b>Apprentices, total</b>	1,000	<b>1,430</b>	<b>1,392</b>	<b>1,359</b>	<b>1,337</b>	<b>1,321</b>	<b>1,324</b>
Male	1,000	873	854	838	827	822	834
Female	1,000	557	538	521	510	499	490
Foreigners	1,000	79	80	83	87	96	113
With new training contracts	1,000	549	526	518	517	510	516
<b>Students at higher education</b>	1,000	<b>2,499</b>	<b>2,617</b>	<b>2,699</b>	<b>2,758</b>	<b>2,807</b>	<b>2,845</b>
Male	1,000	1,314	1,372	1,409	1,434	1,454	1,465
Female	1,000	1,185	1,245	1,290	1,324	1,353	1,380
Foreigners	1,000	282	301	322	340	359	375
First-year students	1,000	495	509	505	507	510	513
Foreigners	1,000	95	102	109	115	118	122
<b>School graduates/ school-leavers</b>							
From full-time schools <sup>11</sup>	1,000	205	198	194	187	188	187
With secondary general school certificate	1,000	157	151	147	140	139	134
Without secondary general school certificate	1,000	48	46	47	47	49	53
With intermediate school certificate <sup>11</sup>	1,000	431	475	469	460	465	444
With higher education entrance qualification <sup>11</sup>	1,000	500	476	435	445	454	441
<b>Passed qualifying examinations</b>							
By apprentices	1,000	445	430	424	415	400	393
Higher education graduates	1,000	413	436	461	482	492	502
<b>Teachers at all schools</b>	1,000	<b>789</b>	<b>787</b>	<b>786</b>	<b>790</b>	<b>798</b>	<b>805</b>
At general schools	1,000	666	665	664	667	673	679
Student-teacher ratio	Number	13	13	13	12	12	12
At vocational schools	1,000	123	122	122	123	125	126
Student-teacher ratio	Number	21	21	21	20	20	20
<b>Teachers at higher education<sup>12</sup></b>	1,000	<b>225</b>	<b>233</b>	<b>236</b>	<b>239</b>	<b>242</b>	<b>250</b>
Universities	1,000	194	200	202	204	207	212
Students per teacher	Number	9	9	9	9	9	9
Universities of applied sciences	1,000	31	33	34	35	36	38
Students per teacher	Number	27	27	27	27	28	27
<b>Other higher education staff<sup>12</sup></b>	1,000	<b>283</b>	<b>288</b>	<b>289</b>	<b>295</b>	<b>300</b>	<b>304</b>
<b>Full-time staff in the public sector<sup>13</sup></b>	1,000	<b>3,120</b>	<b>3,144</b>	<b>3,162</b>	<b>3,159</b>	<b>3,185</b>	<b>3,206</b>
At federal level	1,000	449	442	437	432	433	437
At Länder level	1,000	1,583	1,598	1,607	1,604	1,614	1,622
At local government level	1,000	841	856	871	878	894	906
<b>Part-time staff in the public sector<sup>13</sup></b>	1,000	<b>1,497</b>	<b>1,492</b>	<b>1,490</b>	<b>1,487</b>	<b>1,504</b>	<b>1,532</b>
At federal level	1,000	65	62	60	57	57	57
At Länder level	1,000	764	756	749	743	750	765
At local government level	1,000	545	550	557	561	570	581
<b>Total public expenditure<sup>14</sup></b>	Billions of €	<b>1,182</b>	<b>1,204</b>	<b>1,237</b>	<b>1,273</b>	<b>1,326</b>	<b>1,368</b>
Per inhabitant <sup>2</sup>	€	14,682	14,910	15,230	15,488	16,070	16,521
Federal Government	Billions of €	356	349	345	341	363	376
Länder governments	Billions of €	325	330	341	355	371	383
Local governments	Billions of €	197	205	215	228	242	248
Expenditure on staff	Billions of €	236	243	255	263	271	282
Federal Government	Billions of €	43	44	46	48	49	51
Länder governments	Billions of €	122	126	131	135	139	145
Local governments	Billions of €	53	55	58	61	63	66

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## Structural data of Germany<sup>1</sup>

	Unit	2012	2013	2014	2015	2016	2017
Public expenditure on education <sup>15</sup>	Billions of €	112,163	116,951	121,598	124,015	128,374	133,373
Per inhabitant <sup>2</sup>	€	1,393	1,448	1,498	1,509	1,556	1,605
For schools <sup>15</sup>	Millions of €	58,838	60,157	61,782	62,788	63,997	66,079
Länder governments	Millions of €	48,310	49,468	50,566	51,677	52,397	54,250
Local governments	Millions of €	10,525	10,687	11,196	11,090	11,583	11,806
For higher education <sup>15 16</sup>	Millions of €	24,680	26,702	27,943	28,675	29,843	30,501
Federal Government	Millions of €	3,977	4,907	4,967	5,030	5,491	5,794
Länder governments	Millions of €	20,703	21,794	22,976	23,644	24,352	24,707
<b>Tax revenue in cash terms</b>	Millions of €	<b>600,214</b>	<b>619,515</b>	<b>643,496</b>	<b>673,525</b>	<b>705,712</b>	<b>734,695</b>
Per inhabitant <sup>2</sup>	€	7,454	7,670	7,925	8,196	8,552	8,874
Federal Government	Millions of €	256,303	259,866	270,746	281,608	289,018	309,361
Länder governments	Millions of €	236,344	244,206	254,276	267,939	288,674	298,414
Local governments	Millions of €	81,251	84,342	87,488	93,040	98,747	105,237
<b>Gross domestic product<sup>17</sup></b>	Millions of €	<b>2,758,260</b>	<b>2,826,240</b>	<b>2,938,590</b>	<b>3,048,860</b>	<b>3,159,750</b>	<b>3,277,340</b>
Per inhabitant <sup>18</sup>	€	34,296	35,045	36,287	37,324	38,370	39,649

- 1 Until 1990, former West Germany.
- 2 Until 2010, population data are based on past censuses. As of 2011, results of the population census (Bevölkerungsfortschreibung) are based on 2011 Census.
- 3 From 2013 to 2015, figures on children with foreign nationality are artificially inflated due to methodological reasons.
- 4 From 2008 to 2011, 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 2012, 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 2011, revised data for employed persons based on 2011 Census.
- 11 General schools and vocational schools. As of 2013, 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.
- 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 2012 to 2017: 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), 2014 revision. Date of calculations: August 2018.
- 18 Inhabitants data in the regional accounts are annual averages. Until 2010, population data are based on past censuses. As of 2011, 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, Volkswirtschaftliche Gesamtrechnungen - 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