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Total higher education graduates and foreign higher education graduates, by examination types, Länder and sex¹

Land/Year/Sex	Number								
	Total degrees		University degree ^{2,3}		Doctorate		Artistic degree ²		Teacher's degree ⁴
	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners
Baden-Württemberg									
1999	32,338	2,003	12,079	841	3,766	313	532	198	4,792
Male	19,616	1,176	7,646	486	2,651	214	211	64	1,431
Female	12,722	827	4,433	355	1,115	99	321	134	3,361
2020	75,415	9,284	3,062	213	4,167	965	161	73	6,736
Male	38,183	4,848	1,286	107	2,365	529	61	26	1,654
Female	37,232	4,436	1,776	106	1,802	436	100	47	5,082
2021	80,971	9,673	3,270	223	4,369	1,000	212	88	7,626
Male	39,851	4,926	1,340	77	2,444	550	99	33	1,850
Female	41,120	4,747	1,930	146	1,925	450	113	55	5,776
Bavaria									
1999	31,857	1,439	13,704	741	3,975	246	266	90	4,437
Male	18,219	787	7,907	379	2,578	165	128	33	1,466
Female	13,638	652	5,797	362	1,397	81	138	57	2,971
2020	72,446	8,785	4,424	370	4,654	826	104	32	4,575
Male	35,810	4,413	1,665	126	2,474	436	51	13	1,215
Female	36,636	4,372	2,759	244	2,180	390	53	19	3,360
2021	78,626	10,816	4,195	317	4,946	970	144	52	4,953
Male	38,727	5,409	1,577	106	2,658	530	68	18	1,201
Female	39,899	5,407	2,618	211	2,288	440	76	34	3,752
Berlin									
1999	15,434	1,145	7,387	611	2,008	166	745	143	974
Male	7,998	644	3,831	328	1,232	120	327	52	284
Female	7,436	501	3,556	283	776	46	418	91	690
2020	29,132	5,977	1,317	130	1,747	516	201	78	1,829
Male	13,676	2,938	494	43	913	273	92	38	553
Female	15,456	3,039	823	87	834	243	109	40	1,276
2021	33,681	6,898	1,840	177	2,144	578	184	78	2,234
Male	15,134	3,246	714	66	1,070	277	74	28	581
Female	18,547	3,652	1,126	111	1,074	301	110	50	1,653
Brandenburg									
1999	3,027	109	731	75	138	13	42	2	1,006
Male	1,321	59	404	38	99	9	26	2	213
Female	1,706	50	327	37	39	4	16	0	793
2020	7,613	1,227	129	28	367	118	1	0	819
Male	3,401	522	45	9	200	61	0	0	245
Female	4,212	705	84	19	167	57	1	0	574
2021	8,426	1,352	293	19	364	139	2	1	920
Male	3,701	571	134	10	198	76	1	0	286
Female	4,725	781	159	9	166	63	1	1	634
Bremen									
1999	2,733	175	913	59	264	17	108	9	278
Male	1,582	83	499	31	186	12	44	2	95
Female	1,151	92	414	28	78	5	64	7	183
2020	6,030	1,032	147	7	307	111	32	14	467
Male	2,886	556	55	2	183	66	16	5	105
Female	3,144	476	92	5	124	45	16	9	362
2021	6,153	1,046	108	6	158	65	34	16	637
Male	2,836	577	40	2	79	30	18	6	140
Female	3,317	469	68	4	79	35	16	10	497

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Land/Year/Sex	Number								
	Total degrees		University degree ^{2,3}		Doctorate		Artistic degree ²		Teacher's degree ⁴
	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners
Hamburg									
1999	8,110	433	3,856	212	734	45	154	28	771
Male	4,792	229	2,243	110	456	29	76	9	256
Female	3,318	204	1,613	102	278	16	78	19	515
2020	17,024	1,842	870	55	955	196	9	9	994
Male	8,109	883	353	24	538	112	1	1	309
Female	8,915	959	517	31	417	84	8	8	685
2021	19,082	2,039	934	45	1,067	197	17	15	1,260
Male	8,810	996	415	19	538	113	9	7	332
Female	10,272	1,043	519	26	529	84	8	8	928
Hesse									
1999	18,630	1,193	8,416	592	2,211	177	174	31	1,718
Male	10,848	755	4,778	359	1,452	121	88	12	491
Female	7,782	438	3,638	233	759	56	86	19	1,227
2020	39,979	5,028	2,375	202	2,141	388	135	33	2,795
Male	19,432	2,558	899	88	1,156	233	68	14	876
Female	20,547	2,470	1,476	114	985	155	67	19	1,919
2021	44,376	5,683	2,448	224	2,142	403	153	36	2,721
Male	20,879	2,775	922	109	1,153	214	72	18	778
Female	23,497	2,908	1,526	115	989	189	81	18	1,943
Mecklenburg-Western Pomerania									
1999	2,546	51	1,294	19	360	17	48	9	129
Male	1,305	33	639	14	230	12	17	1	30
Female	1,241	18	655	5	130	5	31	8	99
2020	6,287	668	570	15	460	62	15	7	591
Male	2,975	408	233	7	244	43	8	4	180
Female	3,312	260	337	8	216	19	7	3	411
2021	6,945	690	670	36	549	73	7	5	513
Male	3,238	425	266	18	291	44	3	2	158
Female	3,707	265	404	18	258	29	4	3	355
Lower Saxony									
1999	19,922	751	8,792	403	2,179	178	191	19	2,460
Male	11,304	477	5,120	240	1,467	140	90	6	680
Female	8,618	274	3,672	163	712	38	101	13	1,780
2020	38,835	3,603	1,851	90	2,102	440	68	19	3,713
Male	17,768	1,906	546	36	1,141	251	32	8	887
Female	21,067	1,697	1,305	54	961	189	36	11	2,826
2021	41,211	3,953	1,769	72	2,305	461	80	28	4,146
Male	18,875	2,191	574	28	1,250	255	32	10	1,059
Female	22,336	1,762	1,195	44	1,055	206	48	18	3,087
North Rhine-Westphalia									
1999	50,208	2,920	21,861	1,323	5,300	349	843	310	7,121
Male	28,278	1,743	12,948	770	3,625	254	369	102	1,929
Female	21,930	1,177	8,913	553	1,675	95	474	208	5,192
2020	107,269	11,016	5,086	307	5,083	866	207	63	13,830
Male	51,088	5,754	1,974	109	2,853	494	90	25	3,695
Female	56,181	5,262	3,112	198	2,230	372	117	38	10,135
2021	114,695	12,531	4,811	325	5,501	979	188	85	15,470
Male	53,224	6,432	1,813	128	3,053	577	83	36	4,159
Female	61,471	6,099	2,998	197	2,448	402	105	49	11,311

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Total higher education graduates and foreign higher education graduates, by examination types, Länder and sex¹

Land/Year/Sex	Number								
	Total degrees		University degree ^{2,3}		Doctorate		Artistic degree ²		Teacher's degree ⁴
	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners
Rhineland-Palatinate									
1999	11,375	545	4,605	314	982	64	13	0	1,583
Male	6,268	295	2,500	161	664	42	5	0	381
Female	5,107	250	2,105	153	318	22	8	0	1,202
2020	22,062	2,082	1,181	95	933	149	7	2	3,298
Male	9,938	1,014	502	42	445	85	1	0	899
Female	12,124	1,068	679	53	488	64	6	2	2,399
2021	23,808	2,430	1,222	87	942	165	3	1	3,780
Male	10,540	1,178	507	44	493	88	1	0	1,020
Female	13,268	1,252	715	43	449	77	2	1	2,760
Saarland									
1999	2,472	295	1,316	118	333	19	94	20	216
Male	1,414	142	728	63	229	11	37	1	96
Female	1,058	153	588	55	104	8	57	19	120
2020	5,765	625	399	29	180	60	54	14	179
Male	2,827	321	176	13	126	43	24	5	48
Female	2,938	304	223	16	54	17	30	9	131
2021	6,125	860	422	31	196	59	59	28	238
Male	3,023	451	171	14	116	42	25	12	62
Female	3,102	409	251	17	80	17	34	16	176
Saxony									
1999	9,201	311	4,004	160	833	44	417	52	724
Male	4,813	194	2,121	105	554	37	176	19	173
Female	4,388	117	1,883	55	279	7	241	33	551
2020	20,064	3,148	2,611	262	1,443	281	188	43	1,479
Male	10,183	1,903	1,488	169	834	172	83	17	359
Female	9,881	1,245	1,123	93	609	109	105	26	1,120
2021	20,982	3,476	2,620	265	1,530	299	181	49	1,428
Male	10,298	1,994	1,448	160	870	184	59	15	374
Female	10,684	1,482	1,172	105	660	115	122	34	1,054
Saxony-Anhalt									
1999	3,958	72	1,371	19	434	22	96	4	392
Male	1,897	50	695	14	281	17	44	2	87
Female	2,061	22	676	5	153	5	52	2	305
2020	8,492	1,254	616	27	485	98	50	14	378
Male	3,962	691	246	13	250	62	17	6	128
Female	4,530	563	370	14	235	36	33	8	250
2021	8,853	1,492	728	21	584	115	60	15	382
Male	4,092	801	297	11	317	69	22	6	113
Female	4,761	691	431	10	267	46	38	9	269
Schleswig-Holstein									
1999	6,143	189	1,964	62	675	44	78	15	760
Male	3,657	107	1,010	29	426	32	40	5	218
Female	2,486	82	954	33	249	12	38	10	542
2020	10,918	773	864	38	542	85	1	0	1,027
Male	5,381	393	302	7	286	46	0	0	315
Female	5,537	380	562	31	256	39	1	0	712
2021	12,337	742	796	43	675	86	2	1	1,473
Male	5,666	361	283	15	310	51	2	1	436
Female	6,671	381	513	28	365	35	0	0	1,037

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Total higher education graduates and foreign higher education graduates, by examination types, Länder and sex¹

Land/Year/Sex	Number								
	Total degrees		University degree ^{2,3}		Doctorate		Artistic degree ²		Teacher's degree ⁴
	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners
Thuringia									
1999	3,742	127	1,646	37	353	25	120	39	377
Male	1,993	77	928	26	229	16	63	20	78
Female	1,749	50	718	11	124	9	57	19	299
2020	9,582	1,326	539	20	654	160	13	8	538
Male	4,534	690	201	10	387	95	5	4	195
Female	5,048	636	338	10	267	65	8	4	343
2021	11,673	1,766	521	15	681	174	15	10	634
Male	5,266	924	189	8	386	114	8	6	197
Female	6,407	842	332	7	295	60	7	4	437
Länder, total									
1999	221,696	11,758	93,939	5,586	24,545	1,739	3,921	969	27,738
Male	125,305	6,851	53,997	3,153	16,359	1,231	1,741	330	7,908
Female	96,391	4,907	39,942	2,433	8,186	508	2,180	639	19,830
2020	476,913	57,670	26,041	1,888	26,220	5,321	1,246	409	43,248
Male	230,153	29,798	10,465	805	14,395	3,001	549	166	11,663
Female	246,760	27,872	15,576	1,083	11,825	2,320	697	243	31,585
2021	517,944	65,447	26,647	1,906	28,153	5,763	1,341	508	48,415
Male	244,160	33,257	10,690	815	15,226	3,214	576	198	12,746
Female	273,784	32,190	15,957	1,091	12,927	2,549	765	310	35,669

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Total higher education graduates and foreign higher education graduates, by examination types, Länder and sex¹

Land/Year/Sex	Number								
	Teacher's degree ⁴	Degree from university of applied sciences ²		Bachelor's degree ³		Master's degree ³		Other degree	
	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners
Baden-Württemberg									
1999	50	11,152	589	0	0	0	0	17	12
Male	9	7,665	396	0	0	0	0	12	7
Female	41	3,487	193	0	0	0	0	5	5
2020	210	465	0	40,833	3,340	19,987	4,481	4	2
Male	50	155	0	21,391	1,702	11,271	2,434	0	0
Female	160	310	0	19,442	1,638	8,716	2,047	4	2
2021	213	1,091	3	43,297	3,484	21,105	4,662	1	0
Male	35	364	1	22,062	1,725	11,692	2,505	0	0
Female	178	727	2	21,235	1,759	9,413	2,157	1	0
Bavaria									
1999	28	9,330	307	0	0	0	0	145	27
Male	9	6,057	184	0	0	0	0	83	17
Female	19	3,273	123	0	0	0	0	62	10
2020	87	1,676	1	35,104	3,099	21,436	4,235	473	135
Male	26	824	0	17,543	1,455	11,828	2,313	210	44
Female	61	852	1	17,561	1,644	9,608	1,922	263	91
2021	116	1,911	11	37,634	3,654	24,331	5,556	512	140
Male	16	856	3	18,831	1,727	13,361	2,981	175	28
Female	100	1,055	8	18,803	1,927	10,970	2,575	337	112
Berlin									
1999	11	4,113	194	0	0	0	0	207	20
Male	4	2,240	128	0	0	0	0	84	12
Female	7	1,873	66	0	0	0	0	123	8
2020	113	115	0	13,617	1,890	10,230	3,214	76	36
Male	32	31	0	6,358	858	5,216	1,686	19	8
Female	81	84	0	7,259	1,032	5,014	1,528	57	28
2021	130	110	0	15,618	2,164	11,377	3,727	174	44
Male	28	40	0	7,109	931	5,511	1,902	35	14
Female	102	70	0	8,509	1,233	5,866	1,825	139	30
Brandenburg									
1999	1	1,087	14	0	0	0	0	23	4
Male	0	563	8	0	0	0	0	16	2
Female	1	524	6	0	0	0	0	7	2
2020	24	210	0	3,611	430	2,475	627	1	0
Male	8	119	0	1,657	183	1,134	261	1	0
Female	16	91	0	1,954	247	1,341	366	0	0
2021	18	218	1	3,894	448	2,733	725	2	1
Male	2	100	0	1,773	176	1,209	307	0	0
Female	16	118	1	2,121	272	1,524	418	2	1
Bremen									
1999	7	1,170	83	0	0	0	0	0	0
Male	1	758	37	0	0	0	0	0	0
Female	6	412	46	0	0	0	0	0	0
2020	23	0	0	3,534	448	1,543	429	0	0
Male	5	0	0	1,700	236	827	242	0	0
Female	18	0	0	1,834	212	716	187	0	0
2021	42	0	0	3,661	450	1,555	467	0	0
Male	8	0	0	1,718	266	841	265	0	0
Female	34	0	0	1,943	184	714	202	0	0

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	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners
Hamburg									
1999	8	2,567	122	0	0	0	0	28	18
Male	2	1,750	72	0	0	0	0	11	7
Female	6	817	50	0	0	0	0	17	11
2020	39	333	35	8,711	656	5,139	848	13	4
Male	10	113	14	4,145	272	2,644	448	6	2
Female	29	220	21	4,566	384	2,495	400	7	2
2021	56	94	2	10,495	794	5,209	925	6	5
Male	10	35	0	4,962	355	2,515	489	4	3
Female	46	59	2	5,533	439	2,694	436	2	2
Hesse									
1999	10	6,024	372	0	0	0	0	87	11
Male	3	4,004	260	0	0	0	0	35	0
Female	7	2,020	112	0	0	0	0	52	11
2020	89	507	10	20,670	2,097	11,279	2,207	77	2
Male	24	202	2	10,121	1,039	6,092	1,157	18	1
Female	65	305	8	10,549	1,058	5,187	1,050	59	1
2021	99	581	9	23,502	2,286	12,756	2,625	73	1
Male	27	238	5	11,010	1,027	6,685	1,375	21	0
Female	72	343	4	12,492	1,259	6,071	1,250	52	1
Mecklenburg-Western Pomerania									
1999	0	715	6	0	0	0	0	0	0
Male	0	389	6	0	0	0	0	0	0
Female	0	326	0	0	0	0	0	0	0
2020	4	138	5	2,644	129	1,869	446	0	0
Male	0	66	2	1,216	69	1,028	283	0	0
Female	4	72	3	1,428	60	841	163	0	0
2021	3	81	0	3,071	132	2,054	441	0	0
Male	1	50	0	1,371	82	1,099	278	0	0
Female	2	31	0	1,700	50	955	163	0	0
Lower Saxony									
1999	18	6,201	132	0	0	0	0	99	1
Male	3	3,918	88	0	0	0	0	29	0
Female	15	2,283	44	0	0	0	0	70	1
2020	60	502	1	20,701	1,185	9,792	1,803	106	5
Male	17	166	0	9,668	623	5,301	969	27	2
Female	43	336	1	11,033	562	4,491	834	79	3
2021	57	548	0	21,892	1,293	10,326	2,037	145	5
Male	13	203	0	10,139	692	5,576	1,191	42	2
Female	44	345	0	11,753	601	4,750	846	103	3
North Rhine-Westphalia									
1999	78	14,793	851	0	0	0	0	290	9
Male	15	9,223	600	0	0	0	0	184	2
Female	63	5,570	251	0	0	0	0	106	7
2020	423	1,500	6	52,308	4,319	28,932	5,017	323	15
Male	94	654	1	25,645	2,094	16,053	2,929	124	8
Female	329	846	5	26,663	2,225	12,879	2,088	199	7
2021	567	1,567	3	56,940	5,197	29,592	5,321	626	54
Male	126	636	0	27,355	2,516	15,882	3,026	243	23
Female	441	931	3	29,585	2,681	13,710	2,295	383	31

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	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners
Rhineland-Palatinate									
1999	14	3,961	141	0	0	0	0	231	12
Male	0	2,567	83	0	0	0	0	151	9
Female	14	1,394	58	0	0	0	0	80	3
2020	64	197	0	9,910	704	6,458	1,055	78	13
Male	16	85	0	4,699	323	3,267	543	40	5
Female	48	112	0	5,211	381	3,191	512	38	8
2021	69	203	1	10,837	925	6,741	1,160	80	22
Male	13	85	1	5,066	417	3,330	604	38	11
Female	56	118	0	5,771	508	3,411	556	42	11
Saarland									
1999	5	401	63	0	0	0	0	112	70
Male	1	283	44	0	0	0	0	41	22
Female	4	118	19	0	0	0	0	71	48
2020	1	152	0	3,368	256	1,433	265	0	0
Male	0	82	0	1,628	118	743	142	0	0
Female	1	70	0	1,740	138	690	123	0	0
2021	5	162	1	3,251	303	1,797	433	0	0
Male	1	94	1	1,627	156	928	225	0	0
Female	4	68	0	1,624	147	869	208	0	0
Saxony									
1999	3	3,127	44	0	0	0	0	96	8
Male	2	1,750	26	0	0	0	0	39	5
Female	1	1,377	18	0	0	0	0	57	3
2020	10	1,195	387	7,544	626	5,458	1,418	146	121
Male	3	957	359	3,488	282	2,897	832	77	69
Female	7	238	28	4,056	344	2,561	586	69	52
2021	20	1,059	327	7,632	653	5,868	1,839	664	24
Male	1	853	286	3,532	332	2,985	1,013	177	3
Female	19	206	41	4,100	321	2,883	826	487	21
Saxony-Anhalt									
1999	0	1,628	17	0	0	0	0	37	10
Male	0	762	8	0	0	0	0	28	9
Female	0	866	9	0	0	0	0	9	1
2020	2	17	0	4,116	323	2,815	789	15	1
Male	1	9	0	1,820	161	1,484	447	8	1
Female	1	8	0	2,296	162	1,331	342	7	0
2021	5	7	0	4,258	451	2,814	877	20	8
Male	1	5	0	1,936	207	1,391	504	11	3
Female	4	2	0	2,322	244	1,423	373	9	5
Schleswig-Holstein									
1999	12	2,666	56	0	0	0	0	0	0
Male	2	1,963	39	0	0	0	0	0	0
Female	10	703	17	0	0	0	0	0	0
2020	13	611	0	5,250	251	2,622	386	1	0
Male	4	479	0	2,625	126	1,374	210	0	0
Female	9	132	0	2,625	125	1,248	176	1	0
2021	17	712	0	5,936	223	2,743	372	0	0
Male	4	501	0	2,804	99	1,330	191	0	0
Female	13	211	0	3,132	124	1,413	181	0	0

Total higher education graduates and foreign higher education graduates, by examination types, Länder and sex¹

Land/Year/Sex	Number								
	Teacher's degree ⁴	Degree from university of applied sciences ²		Bachelor's degree ³		Master's degree ³		Other degree	
	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners
Thuringia									
1999	1	1,192	7	0	0	0	0	54	18
Male	0	656	4	0	0	0	0	39	11
Female	1	536	3	0	0	0	0	15	7
2020	11	46	0	4,551	275	3,064	848	177	4
Male	3	12	0	2,048	125	1,606	450	80	3
Female	8	34	0	2,503	150	1,458	398	97	1
2021	11	40	0	5,798	427	3,781	1,122	203	7
Male	1	16	0	2,487	207	1,874	586	109	2
Female	10	24	0	3,311	220	1,907	536	94	5
Länder, total									
1999	246	70,127	2,998	0	0	0	0	1,426	220
Male	51	44,548	1,983	0	0	0	0	752	103
Female	195	25,579	1,015	0	0	0	0	674	117
2020	1,173	7,664	445	236,472	20,028	134,532	28,068	1,490	338
Male	293	3,954	378	115,752	9,666	72,765	15,346	610	143
Female	880	3,710	67	120,720	10,362	61,767	12,722	880	195
2021	1,428	8,384	358	257,716	22,884	144,782	32,289	2,506	311
Male	287	4,076	297	123,782	10,915	76,209	17,442	855	89
Female	1,141	4,308	61	133,934	11,969	68,573	14,847	1,651	222

1 An examination year includes a summer semester and the preceding winter semester (e.g. 2021 = WS 2020/2021 and SS 2021).

2 Excluding bachelor's degree and master's degree.

3 Excluding teacher's degree.

4 Including teacher's bachelor degree and teacher's master degree.

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Source: Federal Statistical Office, special evaluation

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<https://www.govdata.de/dl-de/by-2-0>