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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									
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
2022	78,720	9,235	3,172	229	4,153	951	211	113	7,523
Male	38,926	4,666	1,302	103	2,325	513	91	46	1,780
Female	39,794	4,569	1,870	126	1,828	438	120	67	5,743
2023	76,378	8,901	3,257	250	4,200	1,007	166	89	7,755
Male	37,613	4,532	1,304	92	2,342	529	67	30	1,788
Female	38,765	4,369	1,953	158	1,858	478	99	59	5,967
Bavaria									
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
2022	74,957	10,756	4,437	359	4,910	965	146	56	4,756
Male	37,035	5,571	1,646	118	2,649	548	61	19	1,160
Female	37,922	5,185	2,791	241	2,261	417	85	37	3,596
2023	74,777	11,379	4,269	351	4,843	1,029	150	58	4,622
Male	36,848	5,901	1,530	115	2,619	538	64	22	1,146
Female	37,929	5,478	2,739	236	2,224	491	86	36	3,476
Berlin									
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
2022	35,355	7,997	1,560	153	1,987	548	177	75	2,361
Male	16,177	3,914	593	60	969	271	66	33	678
Female	19,178	4,083	967	93	1,018	277	111	42	1,683
2023	34,361	8,429	1,600	164	1,685	540	172	72	2,645
Male	15,756	4,266	545	57	862	274	60	21	714
Female	18,605	4,163	1,055	107	823	266	112	51	1,931
Brandenburg									
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
2022	8,293	1,427	304	39	382	135	1	1	878
Male	3,743	685	112	11	217	73	0	0	267
Female	4,550	742	192	28	165	62	1	1	611
2023	8,366	1,669	286	20	386	157	0	0	810
Male	3,906	833	116	6	208	86	0	0	248
Female	4,460	836	170	14	178	71	0	0	562
Bremen									
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
2022	6,555	1,236	91	4	323	121	45	22	604
Male	3,145	674	34	1	175	55	21	12	137
Female	3,410	562	57	3	148	66	24	10	467
2023	6,108	1,247	117	9	254	68	37	18	585
Male	2,892	686	42	3	145	28	13	6	131
Female	3,216	561	75	6	109	40	24	12	454

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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									
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
2022	19,499	2,247	1,087	63	960	218	12	11	1,259
Male	9,058	1,071	450	18	507	119	5	4	348
Female	10,441	1,176	637	45	453	99	7	7	911
2023	19,412	2,362	912	42	965	210	17	16	1,171
Male	8,642	1,131	383	17	488	117	10	10	340
Female	10,770	1,231	529	25	477	93	7	6	831
Hesse									
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
2022	43,030	5,610	2,323	187	2,042	366	129	43	3,039
Male	20,162	2,763	844	80	1,126	217	51	19	867
Female	22,868	2,847	1,479	107	916	149	78	24	2,172
2023	43,231	5,993	2,371	210	2,170	415	180	63	2,743
Male	20,218	2,988	851	82	1,127	224	68	21	769
Female	23,013	3,005	1,520	128	1,043	191	112	42	1,974
Mecklenburg-Western Pomerania									
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
2022	6,643	742	656	35	518	86	12	8	420
Male	3,143	470	274	16	274	56	8	7	112
Female	3,500	272	382	19	244	30	4	1	308
2023	6,711	702	651	23	489	66	15	7	468
Male	3,106	435	266	7	241	37	5	3	150
Female	3,605	267	385	16	248	29	10	4	318
Lower Saxony									
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
2022	39,429	4,169	1,746	73	2,239	468	98	39	3,916
Male	18,067	2,317	625	25	1,238	259	42	22	906
Female	21,362	1,852	1,121	48	1,001	209	56	17	3,010
2023	37,288	3,932	1,663	78	2,171	456	61	26	3,825
Male	17,098	2,195	507	24	1,165	239	30	11	936
Female	20,190	1,737	1,156	54	1,006	217	31	15	2,889
North Rhine-Westphalia									
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
2022	111,482	13,367	4,707	302	5,641	1,006	208	93	14,545
Male	52,370	7,088	1,761	119	3,128	592	96	36	3,888
Female	59,112	6,279	2,946	183	2,513	414	112	57	10,657
2023	111,588	13,584	4,755	373	5,521	965	213	120	14,715
Male	52,233	7,567	1,815	151	3,041	557	98	56	3,899
Female	59,355	6,017	2,940	222	2,480	408	115	64	10,816

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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
Rhineland-Palatinate									
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
2022	22,593	2,496	1,131	115	740	118	11	1	3,382
Male	9,969	1,222	469	66	353	53	0	0	940
Female	12,624	1,274	662	49	387	65	11	1	2,442
2023	22,686	2,695	1,124	113	812	148	7	0	3,776
Male	9,903	1,398	472	61	405	84	2	0	1,001
Female	12,783	1,297	652	52	407	64	5	0	2,775
Saarland									
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
2022	6,152	837	412	34	444	87	46	18	439
Male	2,906	424	163	13	228	44	17	6	111
Female	3,246	413	249	21	216	43	29	12	328
2023	5,438	716	396	28	71	25	54	23	175
Male	2,647	370	149	11	51	19	20	12	54
Female	2,791	346	247	17	20	6	34	11	121
Saxony									
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
2022	20,248	3,735	2,402	321	1,553	345	196	75	1,527
Male	9,942	2,129	1,410	226	878	210	81	28	355
Female	10,306	1,606	992	95	675	135	115	47	1,172
2023	20,110	3,923	2,645	350	1,483	344	135	42	1,565
Male	9,756	2,311	1,396	236	797	206	48	14	415
Female	10,354	1,612	1,249	114	686	138	87	28	1,150
Saxony-Anhalt									
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
2022	8,784	1,624	665	31	530	112	44	9	433
Male	4,187	878	263	9	265	59	16	3	131
Female	4,597	746	402	22	265	53	28	6	302
2023	9,753	1,713	693	34	462	116	41	11	496
Male	4,604	929	251	16	252	68	12	4	140
Female	5,149	784	442	18	210	48	29	7	356
Schleswig-Holstein									
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
2022	12,330	795	722	26	634	112	3	1	1,352
Male	5,801	426	264	7	290	53	1	0	390
Female	6,529	369	458	19	344	59	2	1	962
2023	12,108	779	776	31	435	91	6	1	1,478
Male	5,746	435	264	13	211	49	2	0	485
Female	6,362	344	512	18	224	42	4	1	993

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	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners
Thuringia									
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
2022	11,580	1,741	479	16	636	147	11	8	673
Male	5,060	957	180	6	316	83	5	3	216
Female	6,520	784	299	10	320	64	6	5	457
2023	13,610	2,118	532	18	623	166	11	9	721
Male	5,713	1,079	199	6	324	88	4	3	237
Female	7,897	1,039	333	12	299	78	7	6	484
Länder, total									
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
2022	505,650	68,014	25,894	1,987	27,692	5,785	1,350	573	47,107
Male	239,691	35,255	10,390	878	14,938	3,205	561	238	12,286
Female	265,959	32,759	15,504	1,109	12,754	2,580	789	335	34,821
2023	501,925	70,142	26,047	2,094	26,570	5,803	1,265	555	47,550
Male	236,681	37,056	10,090	897	14,278	3,143	503	213	12,453
Female	265,244	33,086	15,957	1,197	12,292	2,660	762	342	35,097

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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									
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
2022	235	631	2	42,017	3,196	21,001	4,499	12	10
Male	45	188	2	21,744	1,581	11,488	2,369	8	7
Female	190	443	0	20,273	1,615	9,513	2,130	4	3
2023	217	322	1	40,530	3,005	20,097	4,323	51	9
Male	45	77	1	20,937	1,523	11,085	2,310	13	2
Female	172	245	0	19,593	1,482	9,012	2,013	38	7
Bavaria									
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
2022	91	1,537	3	34,699	3,456	23,786	5,677	686	149
Male	15	740	1	17,304	1,723	13,235	3,098	240	49
Female	76	797	2	17,395	1,733	10,551	2,579	446	100
2023	106	1,584	5	34,460	3,410	24,155	6,294	694	126
Male	20	788	1	17,241	1,673	13,223	3,489	237	43
Female	86	796	4	17,219	1,737	10,932	2,805	457	83
Berlin									
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
2022	126	261	0	16,317	2,501	12,537	4,552	155	42
Male	36	118	0	7,576	1,185	6,143	2,315	34	14
Female	90	143	0	8,741	1,316	6,394	2,237	121	28
2023	134	257	0	15,201	2,565	12,648	4,916	153	38
Male	34	109	0	7,111	1,226	6,319	2,642	36	12
Female	100	148	0	8,090	1,339	6,329	2,274	117	26
Brandenburg									
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
2022	24	250	0	3,724	392	2,753	835	1	1
Male	10	98	0	1,770	181	1,279	410	0	0
Female	14	152	0	1,954	211	1,474	425	1	1
2023	20	269	2	3,665	404	2,949	1,066	1	0
Male	3	131	1	1,794	189	1,408	548	1	0
Female	17	138	1	1,871	215	1,541	518	0	0
Bremen									
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
2022	32	1	0	3,759	507	1,732	550	0	0
Male	5	1	0	1,858	290	919	311	0	0
Female	27	0	0	1,901	217	813	239	0	0
2023	23	0	0	3,528	570	1,587	559	0	0
Male	4	0	0	1,714	320	847	325	0	0
Female	19	0	0	1,814	250	740	234	0	0

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	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners
Hamburg									
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
2022	59	127	3	10,192	873	5,851	1,020	11	0
Male	16	47	0	4,829	416	2,871	498	1	0
Female	43	80	3	5,363	457	2,980	522	10	0
2023	50	94	1	10,202	889	6,041	1,153	10	1
Male	14	36	1	4,502	387	2,883	585	0	0
Female	36	58	0	5,700	502	3,158	568	10	1
Hesse									
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
2022	108	963	10	21,719	2,327	12,796	2,569	19	0
Male	13	405	2	10,154	1,121	6,705	1,311	10	0
Female	95	558	8	11,565	1,206	6,091	1,258	9	0
2023	80	549	12	22,495	2,456	12,671	2,755	52	2
Male	21	225	2	10,772	1,240	6,396	1,397	10	1
Female	59	324	10	11,723	1,216	6,275	1,358	42	1
Mecklenburg-Western Pomerania									
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
2022	0	64	1	2,942	149	2,031	463	0	0
Male	0	34	0	1,321	101	1,120	290	0	0
Female	0	30	1	1,621	48	911	173	0	0
2023	1	37	2	2,976	150	2,075	453	0	0
Male	1	25	0	1,298	97	1,121	290	0	0
Female	0	12	2	1,678	53	954	163	0	0
Lower Saxony									
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
2022	71	533	1	20,559	1,359	10,216	2,150	122	8
Male	15	197	1	9,558	734	5,458	1,254	43	7
Female	56	336	0	11,001	625	4,758	896	79	1
2023	75	536	0	19,283	1,331	9,618	1,958	131	8
Male	16	173	0	9,092	776	5,159	1,126	36	3
Female	59	363	0	10,191	555	4,459	832	95	5
North Rhine-Westphalia									
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
2022	524	1,784	3	54,505	5,442	29,482	5,936	610	61
Male	111	717	0	26,611	2,777	15,945	3,434	224	19
Female	413	1,067	3	27,894	2,665	13,537	2,502	386	42
2023	485	1,916	5	54,539	5,707	29,300	5,871	629	58
Male	121	800	1	26,662	3,165	15,684	3,496	234	20
Female	364	1,116	4	27,877	2,542	13,616	2,375	395	38

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Rhineland-Palatinate									
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
2022	70	216	0	10,185	889	6,785	1,265	143	38
Male	16	84	0	4,707	414	3,337	659	79	14
Female	54	132	0	5,478	475	3,448	606	64	24
2023	83	218	0	9,738	941	6,927	1,400	84	10
Male	13	80	0	4,521	475	3,390	760	32	5
Female	70	138	0	5,217	466	3,537	640	52	5
Saarland									
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
2022	10	167	2	3,120	307	1,510	371	14	8
Male	1	82	1	1,580	172	716	180	9	7
Female	9	85	1	1,540	135	794	191	5	1
2023	3	189	2	2,992	292	1,502	324	59	19
Male	0	92	1	1,546	144	716	168	19	15
Female	3	97	1	1,446	148	786	156	40	4
Saxony									
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
2022	17	1,040	329	7,227	682	5,779	1,944	524	22
Male	2	835	291	3,272	320	2,914	1,050	197	2
Female	15	205	38	3,955	362	2,865	894	327	20
2023	19	1,042	313	6,689	609	6,098	2,081	453	165
Male	4	799	270	2,978	305	3,129	1,174	194	102
Female	15	243	43	3,711	304	2,969	907	259	63
Saxony-Anhalt									
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
2022	1	11	0	4,072	392	2,998	1,065	31	14
Male	1	10	0	1,922	194	1,562	600	18	12
Female	0	1	0	2,150	198	1,436	465	13	2
2023	3	0	0	4,533	396	3,521	1,153	7	0
Male	1	0	0	2,180	193	1,767	647	2	0
Female	2	0	0	2,353	203	1,754	506	5	0
Schleswig-Holstein									
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
2022	20	833	1	5,943	258	2,843	377	0	0
Male	7	589	0	2,879	154	1,388	205	0	0
Female	13	244	1	3,064	104	1,455	172	0	0
2023	14	805	0	5,811	281	2,797	361	0	0
Male	2	591	0	2,830	172	1,363	199	0	0
Female	12	214	0	2,981	109	1,434	162	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									
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
2022	9	38	0	5,822	436	3,777	1,120	144	5
Male	5	15	0	2,368	205	1,897	653	63	2
Female	4	23	0	3,454	231	1,880	467	81	3
2023	7	50	0	6,991	537	4,498	1,372	184	9
Male	0	21	0	2,613	193	2,227	785	88	4
Female	7	29	0	4,378	344	2,271	587	96	5
Länder, total									
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
2022	1,397	8,456	355	246,802	23,166	145,877	34,393	2,472	358
Male	298	4,160	298	119,453	11,568	76,977	18,637	926	133
Female	1,099	4,296	57	127,349	11,598	68,900	15,756	1,546	225
2023	1,320	7,868	343	243,633	23,543	146,484	36,039	2,508	445
Male	299	3,947	278	117,791	12,078	76,717	19,941	902	207
Female	1,021	3,921	65	125,842	11,465	69,767	16,098	1,606	238

1 An examination year includes a summer semester and the preceding winter semester (e.g. 2023 = WS 2022/2023 and SS 2023).

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.

Last update: November 12, 2024

Source: Federal Statistical Office, special evaluation

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