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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									
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
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
Bavaria									
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
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
Berlin									
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
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
Brandenburg									
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
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
Bremen									
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
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

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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									
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
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
Hesse									
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
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
Mecklenburg-Western Pomerania									
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
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
Lower Saxony									
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
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
North Rhine-Westphalia									
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
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

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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									
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
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
Saarland									
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
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
Saxony									
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
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
Saxony-Anhalt									
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
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
Schleswig-Holstein									
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
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

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	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners
Thuringia									
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
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
Länder, total									
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
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

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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									
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
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
Bavaria									
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
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
Berlin									
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
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
Brandenburg									
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
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
Bremen									
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
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

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	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners	Germans and foreigners	Foreigners
Hamburg									
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
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
Hesse									
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
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
Mecklenburg-Western Pomerania									
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
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
Lower Saxony									
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
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
North Rhine-Westphalia									
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
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

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Rhineland-Palatinate									
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
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
Saarland									
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
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
Saxony									
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
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
Saxony-Anhalt									
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
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
Schleswig-Holstein									
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
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

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									
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
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
Länder, total									
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
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

1 An examination year includes a summer semester and the preceding winter semester (e.g. 2022 = WS 2021/2022 and SS 2022).

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: December 4, 2023

Source: Federal Statistical Office, special evaluation

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