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Doctorates and habilitations, by subject groups and sex¹

	Subject groups, total ²	Number							
		Humanities	Sports	Law, economics, social sciences	Mathematics, natural sciences	Human medicine, health sciences	Agricultural, forestry and nutritional sciences, Veterinary medicine	Engineering	Art, art theory
Doctorate									
1996	22,849	2,091	59	2,651	7,006	7,337	1,060	2,307	303
Male	15,745	1,244	45	2,040	5,239	4,318	552	2,144	140
Female	7,104	847	14	611	1,767	3,019	508	163	163
2000	25,780	2,674	58	3,261	7,607	8,397	1,068	2,398	317
Male	16,928	1,477	42	2,327	5,584	4,687	532	2,152	127
Female	8,852	1,197	16	934	2,023	3,710	536	246	190
2005	25,952	2,852	90	3,811	7,068	8,224	1,243	2,336	328
Male	15,680	1,453	63	2,621	4,715	4,165	522	2,019	122
Female	10,272	1,399	27	1,190	2,353	4,059	721	317	206
2010	25,629	2,760	115	3,534	8,092	7,287	1,019	2,561	261
Male	14,328	1,255	66	2,233	4,913	3,220	384	2,167	90
Female	11,301	1,505	49	1,301	3,179	4,067	635	394	171
2015	29,218	3,036	148	3,692	9,950	7,322	1,016	3,736	318
Male	16,166	1,263	83	2,317	6,077	2,948	354	3,016	108
Female	13,052	1,773	65	1,375	3,873	4,374	662	720	210
2018	27,838	1,990	140	4,242	8,445	7,301	946	4,458	315
Male	15,261	903	85	2,287	4,934	3,016	325	3,605	105
Female	12,577	1,087	55	1,955	3,511	4,285	621	853	210
2019	28,280	2,013	117	4,157	8,314	7,715	889	4,773	297
Male	15,418	938	66	2,201	4,818	3,074	335	3,881	101
Female	12,862	1,075	51	1,956	3,496	4,641	554	892	196
2020	26,220	1,682	104	3,898	7,930	7,256	892	4,215	239
Male	14,395	747	57	2,098	4,665	3,009	324	3,397	95
Female	11,825	935	47	1,800	3,265	4,247	568	818	144
2021	28,153	1,775	145	3,891	7,896	8,753	901	4,560	230
Male	15,226	791	76	2,081	4,638	3,573	315	3,678	72
Female	12,927	984	69	1,810	3,258	5,180	586	882	158
2022	27,692	1,727	117	3,910	7,755	8,721	827	4,416	217
Male	14,938	823	68	2,042	4,638	3,450	293	3,537	85
Female	12,754	904	49	1,868	3,117	5,271	534	879	132
2023	26,570	1,569	107	3,768	7,488	8,111	831	4,486	199
Male	14,278	748	60	1,999	4,344	3,169	284	3,606	59
Female	12,292	821	47	1,769	3,144	4,942	547	880	140

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Habilitation									
1996	1,609	320	9	171	424	541	48	65	31
Male	1,401	250	9	150	381	489	42	60	20
Female	208	70	0	21	43	52	6	5	11
2000	2,128	410	16	253	587	700	52	83	27
Male	1,736	282	14	215	493	604	35	76	17
Female	392	128	2	38	94	96	17	7	10
2005	2,001	371	9	225	371	856	57	82	30
Male	1,541	238	8	184	302	684	38	71	16
Female	460	133	1	41	69	172	19	11	14
2010	1,755	318	14	139	295	867	44	57	21
Male	1,318	201	10	102	237	679	28	49	12
Female	437	117	4	37	58	188	16	8	9
2015	1,627	236	9	201	247	796	36	79	23
Male	1,165	159	7	139	181	571	22	72	14
Female	462	77	2	62	66	225	14	7	9
2018	1,529	203	16	176	218	778	34	81	23
Male	1,046	113	13	102	175	541	15	75	12
Female	483	90	3	74	43	237	19	6	11
2019	1,518	212	18	199	170	797	31	84	7
Male	1,034	122	15	130	135	542	15	71	4
Female	484	90	3	69	35	255	16	13	3
2020	1,533	191	10	175	196	847	32	65	17
Male	995	102	8	102	138	572	12	51	10
Female	538	89	2	73	58	275	20	14	7
2021	1,621	213	25	182	180	908	29	76	8
Male	1,071	125	13	109	138	600	14	65	7
Female	550	88	12	73	42	308	15	11	1
2022	1,535	213	20	156	161	870	25	68	22
Male	974	119	15	89	115	552	12	59	13
Female	561	94	5	67	46	318	13	9	9
2023	1,592	186	9	166	196	955	20	51	9
Male	1,004	109	9	89	139	603	11	36	8
Female	588	77	0	77	57	352	9	15	1

1 There have been changes in the subject classification that apply to the habilitation statistics as of 2015, and to doctorates (examination statistics) as of 2018, so parts of the data are of limited comparability with the previous years. For more information see source. Subject group "Languages, cultural studies" has been renamed "Humanities". Former group "Veterinary medicine" has been added to group "Agricultural, forestry and nutritional sciences, veterinary medicine"; the values have been retrospectively adjusted to all years presented. There have been changes in the subject classification that apply to the habilitation statistics as of 2020, and to doctorates (examination statistics) as of 2021, so parts of the data are of limited comparability with the previous years.

2 Doctorates including subjects outside the fields of study structure.

Last update: September 16, 2024

This table also appears in the Federal Report on Research and Innovation as Table 18.

Source: Federal Statistical Office (Statistischer Bericht Prüfungsstatistik, Statistischer Bericht Habilitationsstatistik, Fachserie 11 Reihe 4.2, Fachserie 11 Reihe 4.4, GENESIS-Online database - 21351 Statistics of habilitations)

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