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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Humanities	2001	1,415	1,375	1,238	137	40	18
	2015	1,588	1,563	1,322	240	25	9
	2016	1,628	1,602	1,358	244	26	10
	2017	1,677	1,636	1,396	240	41	23
	2018	1,749	1,706	1,459	247	43	27
Humanities in general	2001	94	76	59	17	19	11
	2015	150	146	117	29	4	2
	2016	149	145	116	29	4	1
	2017	156	150	121	29	6	3
	2018	165	160	128	32	5	3
Evangelical theology	2001	64	63	59	4	1	1
	2015	103	102	85	17	1	0
	2016	107	106	89	17	1	0
	2017	110	108	92	17	2	0
	2018	114	112	96	17	2	1
Catholic theology	2001	60	60	54	5	0	0
	2015	78	77	67	11	1	0
	2016	82	80	69	11	2	1
	2017	82	81	71	11	1	1
	2018	87	86	74	12	1	0
Philosophy	2001	60	60	53	6	1	0
	2015	109	108	92	16	1	1
	2016	116	114	97	18	2	1
	2017	117	116	99	17	1	0
	2018	125	124	106	18	1	0
History	2001	162	160	143	17	2	0
	2015	271	265	221	45	5	2
	2016	280	274	228	46	6	3
	2017	284	277	233	45	7	4
	2018	297	291	244	47	6	4
Library science, documentation, media studies	2001	49	43	37	6	6	2
	2015	52	49	36	13	3	0
	2016	49	47	34	13	2	1
	2017	49	47	35	12	2	1
	2018	53	49	35	14	5	3
General and comparative literature studies and linguistics	2001	100	98	89	9	2	0
	2015	127	125	104	21	2	0
	2016	126	124	104	20	2	0
	2017	124	122	102	19	2	0
	2018	128	126	107	19	2	0
Classical philology	2001	29	29	27	3	0	0
	2015	37	37	32	5	0	0
	2016	38	38	33	5	0	0
	2017	36	36	32	4	0	0
	2018	38	38	33	4	0	0

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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
German studies (German, Germanic languages)	2001	147	146	135	11	1	1
	2015	235	231	204	27	4	3
	2016	243	241	215	26	2	0
	2017	253	251	226	25	2	0
	2018	260	258	233	25	2	0
Anglistics, American studies	2001	83	83	78	5	0	0
	2015	127	126	114	12	1	0
	2016	132	131	118	13	1	0
	2017	137	136	122	14	1	0
	2018	142	140	127	14	1	0
Romance studies	2001	72	71	67	4	0	0
	2015	97	96	85	11	1	0
	2016	99	98	88	10	1	0
	2017	98	97	87	10	1	1
	2018	100	99	89	10	1	0
Slavic, Baltic, Finno-Ugrian studies	2001	28	28	26	2	0	0
	2015	33	32	29	4	0	0
	2016	34	34	30	4	0	0
	2017	34	34	30	4	0	0
	2018	35	35	31	4	0	0
Others/non-European linguistics and literary studies	2001	67	67	61	6	0	0
	2015	114	112	91	22	1	0
	2016	117	115	92	23	2	1
	2017	130	117	95	23	13	12
	2018	142	127	104	24	15	14
Cultural studies proper	2001	14	14	12	2	0	0
	2015	48	47	39	8	1	0
	2016	47	47	39	8	1	0
	2017	54	53	44	10	1	0
	2018	50	49	42	8	0	0
Islamic studies	2001	-	-	-	-	-	-
	2015	8	8	7	1	0	-
	2016	9	9	8	1	0	0
	2017	11	11	10	1	0	0
	2018	12	12	11	1	0	-
Sports	2001	122	113	92	21	8	5
	2015	190	180	137	43	10	4
	2016	198	183	140	43	15	6
	2017	205	186	145	42	18	10
	2018	215	186	144	42	29	22
Law, economics, social sciences	2001	1,544	1,477	1,273	204	67	29
	2015	3,902	3,744	2,963	781	158	78
	2016	4,089	3,935	3,094	841	154	75
	2017	4,268	4,111	3,248	863	157	64
	2018	4,527	4,370	3,451	918	157	74

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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Law, economics, social sciences in general	2001	64	61	44	18	3	1
	2015	216	202	142	60	14	10
	2016	228	213	148	66	15	10
	2017	237	221	153	67	17	12
	2018	245	229	159	70	16	11
Regional sciences	2001	7	7	5	1	0	0
	2015	10	10	8	3	0	0
	2016	15	15	12	3	0	0
	2017	15	15	12	3	0	0
	2018	11	11	8	3	0	0
Political sciences	2001	67	67	60	7	0	0
	2015	120	119	97	22	1	0
	2016	119	117	96	21	1	0
	2017	124	123	102	21	1	0
	2018	134	132	109	23	1	0
Social sciences	2001	101	101	91	10	1	0
	2015	206	203	173	30	2	0
	2016	210	207	177	31	2	0
	2017	221	218	186	32	2	0
	2018	233	231	198	33	2	0
Social work	2001	169	163	142	22	6	3
	2015	256	251	210	41	4	0
	2016	267	262	221	41	6	1
	2017	290	284	236	48	6	1
	2018	311	303	250	53	8	2
Law	2001	224	218	194	24	6	3
	2015	359	355	297	58	4	1
	2016	370	366	305	62	4	1
	2017	373	368	312	56	6	1
	2018	387	381	324	57	6	2
Administrative sciences	2001	150	143	122	21	7	5
	2015	290	283	214	69	7	4
	2016	318	310	233	77	9	3
	2017	357	344	257	87	13	4
	2018	432	410	296	113	22	12
Economics	2001	696	660	568	92	36	16
	2015	1,617	1,530	1,171	359	87	48
	2016	1,687	1,610	1,215	395	78	43
	2017	1,737	1,663	1,261	402	74	25
	2018	1,803	1,735	1,327	408	68	32
Business engineering specialising in economics	2001	65	57	47	10	9	2
	2015	115	107	82	26	7	3
	2016	111	105	81	24	6	2
	2017	113	106	86	20	7	4
	2018	112	108	87	21	4	1

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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Psychology	2001	157	152	135	17	5	3
	2015	327	310	248	62	16	3
	2016	350	335	270	65	15	3
	2017	362	351	283	68	11	1
	2018	392	380	308	72	12	2
Educational sciences ³	2001	196	194	173	21	2	0
	2015	387	373	322	51	15	10
	2016	414	395	338	56	19	14
	2017	439	419	361	58	20	15
	2018	469	451	386	65	17	12
Special education ³	2001	31	31	29	2	0	0
	2015	y	y	y	y	y	y
	2016	y	y	y	y	y	y
	2017	y	y	y	y	y	y
	2018	y	y	y	y	y	y
Mathematics, natural sciences	2001	3,291	2,807	2,332	476	484	193
	2015	4,302	3,798	2,976	822	503	208
	2016	4,317	3,849	3,031	818	469	167
	2017	4,458	3,942	3,129	812	516	169
	2018	4,588	4,068	3,250	817	520	188
Mathematics, natural sciences in general	2001	92	80	55	25	12	6
	2015	119	90	62	29	28	20
	2016	110	85	63	22	25	18
	2017	118	88	67	22	29	23
	2018	124	90	69	21	34	26
Mathematics	2001	278	270	248	22	8	1
	2015	455	443	384	59	12	5
	2016	462	451	393	58	11	4
	2017	479	465	410	55	14	4
	2018	495	485	429	56	10	4
Physics, astronomy	2001	791	620	508	112	171	75
	2015	1,141	962	750	212	178	71
	2016	1,120	960	755	205	160	55
	2017	1,152	986	776	210	166	47
	2018	1,180	1,018	810	209	161	48
Chemistry	2001	649	555	468	87	94	37
	2015	1,028	874	675	199	154	66
	2016	1,034	889	691	198	145	54
	2017	1,062	902	707	195	161	51
	2018	1,071	922	729	193	149	49
Pharmacy	2001	125	97	80	16	28	9
	2015	150	134	103	32	15	8
	2016	147	139	106	34	8	2
	2017	152	143	109	33	9	1
	2018	159	149	115	34	10	1

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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Biology	2001	593	520	418	102	73	24
	2015	958	877	675	203	81	28
	2016	988	900	690	209	89	30
	2017	1,029	921	716	204	108	38
	2018	1,061	946	735	210	116	48
Earth sciences	2001	241	212	167	45	29	8
	2015	311	281	218	63	30	8
	2016	315	290	222	68	25	4
	2017	323	298	230	67	25	6
	2018	347	310	243	68	37	13
Geography	2001	101	95	81	14	5	2
	2015	141	136	110	25	5	2
	2016	140	135	111	24	5	0
	2017	144	139	114	25	4	0
	2018	151	147	120	27	4	0
Human medicine, health sciences	2001	10,017	8,971	5,545	3,426	1,046	599
	2015	15,830	14,939	8,832	6,107	891	495
	2016	16,702	15,684	9,218	6,465	1,018	584
	2017	17,494	16,451	9,607	6,845	1,043	547
	2018	18,558	17,650	10,183	7,468	908	424
Agricultural, forestry and nutritional sciences, veterinary medicine ⁴	2001	563	514	414	100	49	26
	2015	723	667	528	139	56	15
	2016	739	686	544	142	53	19
	2017	773	709	561	148	64	24
	2018	828	748	592	156	80	43
Veterinary medicine ⁴	2001	158	137	106	31	20	13
	2015	188	172	134	38	16	5
	2016	195	181	140	40	14	6
	2017	202	183	142	41	19	12
	2018	227	199	155	43	28	19
Agricultural, forestry and nutritional sciences in general	2001	24	19	13	6	5	3
	2015	56	50	41	10	6	2
	2016	55	50	40	9	5	2
	2017	62	52	42	9	10	2
	2018	77	59	46	13	19	15
Landscape and ecological planning	2001	43	42	34	8	1	0
	2015	45	38	32	6	6	0
	2016	43	40	33	7	3	1
	2017	41	40	33	7	2	0
	2018	43	41	34	7	2	0
Agricultural sciences, food and nutrition sciences	2001	241	229	188	41	13	3
	2015	321	300	231	69	21	6
	2016	333	309	239	70	24	8
	2017	341	316	246	70	25	7
	2018	349	326	255	70	23	8

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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Forestry, wood sciences	2001	64	56	46	10	8	6
	2015	63	59	49	9	4	1
	2016	63	59	51	8	4	1
	2017	72	68	55	13	4	1
	2018	74	71	57	13	4	1
Nutritional sciences and home economics	2001	32	31	27	4	1	0
	2015	51	47	40	7	3	0
	2016	52	49	41	8	3	1
	2017	55	51	43	8	4	2
	2018	57	54	45	9	4	1
Engineering	2001	2,681	2,374	2,020	354	307	103
	2015	5,535	5,005	4,107	898	530	130
	2016	5,583	5,082	4,187	895	501	122
	2017	5,808	5,236	4,323	912	572	172
	2018	5,972	5,422	4,475	947	550	148
Engineering in general	2001	161	135	111	24	26	12
	2015	368	326	264	62	43	17
	2016	373	335	274	61	38	16
	2017	410	350	291	59	60	35
	2018	407	349	286	63	58	31
Business engineering specialising in engineering sciences	2001	-	-	-	-	-	-
	2015	76	71	61	11	5	2
	2016	72	69	58	11	3	1
	2017	81	77	63	14	4	1
	2018	84	80	66	14	4	2
Mining, metallurgy	2001	59	54	44	10	5	3
	2015	75	66	48	19	9	1
	2016	65	58	46	12	7	0
	2017	69	60	48	13	9	0
	2018	39	36	25	11	3	1
Mechanical engineering, process engineering	2001	1,160	1,027	868	159	133	41
	2015	1,940	1,710	1,421	289	230	43
	2016	1,944	1,748	1,425	323	196	33
	2017	2,017	1,807	1,477	330	210	39
	2018	2,064	1,860	1,520	339	205	37
Electrical and computer engineering	2001	642	549	472	77	93	27
	2015	1,003	895	733	162	109	32
	2016	1,010	894	741	154	116	45
	2017	1,050	912	754	157	138	64
	2018	1,074	940	778	162	134	51
Traffic engineering, nautical sciences	2001	51	46	39	6	5	3
	2015	162	145	114	30	18	5
	2016	169	154	120	34	16	2
	2017	180	158	123	35	22	4
	2018	179	162	130	32	18	3

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Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Architecture	2001	179	163	144	19	16	8
	2015	232	221	182	39	11	4
	2016	243	229	187	42	14	7
	2017	254	235	194	41	19	10
	2018	253	240	196	44	13	5
Spatial planning	2001	19	19	17	2	0	0
	2015	53	52	44	9	1	0
	2016	55	54	44	9	1	0
	2017	58	57	46	11	1	0
	2018	63	59	49	11	3	1
Civil engineering	2001	360	334	284	50	26	10
	2015	503	462	383	79	41	15
	2016	510	470	393	78	40	9
	2017	523	483	407	77	40	8
	2018	548	508	424	84	40	9
Surveying	2001	49	46	40	6	3	0
	2015	67	64	53	11	3	0
	2016	70	66	54	12	4	0
	2017	70	67	55	11	3	0
	2018	72	68	57	12	3	0
Computer sciences	2001	421	358	306	52	63	31
	2015	922	875	732	143	46	8
	2016	955	903	767	136	52	9
	2017	987	934	794	141	52	10
	2018	1,043	987	839	148	57	8
Materials sciences and materials engineering	2001	-	-	-	-	-	-
	2015	133	117	73	45	16	3
	2016	115	101	77	25	14	1
	2017	110	96	72	24	13	1
	2018	146	134	106	28	13	0
Art, art theory	2001	501	455	396	59	45	24
	2015	794	758	601	157	36	12
	2016	820	791	617	174	29	7
	2017	849	806	631	176	42	11
	2018	883	848	665	183	35	8
Art, art theory in general	2001	60	54	47	7	6	4
	2015	107	102	82	21	5	2
	2016	112	109	86	23	3	2
	2017	101	98	81	17	3	1
	2018	103	101	85	16	2	1
Visual arts	2001	58	49	42	7	9	7
	2015	80	78	60	18	2	0
	2016	92	89	66	23	2	0
	2017	96	92	67	25	4	2
	2018	102	98	73	25	4	2

Expenditure of higher education institutions, by subject groups, teaching and research areas and types of expenses

Millions of €							
Subject group/ Teaching and research area ¹	Year	Total expenditure	Current expenditure	Of which staff expenditure	Of which other current expenditure	Capital expenditure	Of which construction measures ²
Design	2001	106	98	85	13	8	0
	2015	190	177	136	41	13	4
	2016	186	178	136	42	8	1
	2017	194	185	143	42	9	1
	2018	206	197	151	46	9	1
Performing arts, film and television, theater studies	2001	59	55	43	12	4	0
	2015	93	90	69	21	4	1
	2016	99	94	71	23	5	1
	2017	105	97	75	23	8	2
	2018	107	102	79	23	5	1
Music, musicology	2001	218	199	180	19	18	13
	2015	324	311	255	56	13	4
	2016	332	322	259	63	10	3
	2017	353	334	264	70	18	5
	2018	364	350	278	72	14	3
Central facilities (excluding university clinics) ⁵	2001	5,283	4,408	2,553	1,855	875	551
	2015	10,285	8,727	4,465	4,263	1,557	995
	2016	10,383	9,121	4,679	4,441	1,262	769
	2017	10,951	9,590	5,047	4,543	1,361	773
	2018	11,488	10,106	5,258	4,848	1,382	846
Central facilities of university clinic ⁶	2001	3,233	2,921	1,598	1,324	312	187
	2015	6,858	6,271	2,957	3,314	587	339
	2016	7,654	6,595	3,119	3,477	1,058	775
	2017	7,649	6,938	3,253	3,685	711	487
	2018	8,477	7,421	3,500	3,921	1,056	805
Subject groups, total	2001	28,648	25,415	17,461	7,955	3,233	1,735
	2015	50,006	45,652	28,888	16,764	4,354	2,287
	2016	52,114	47,528	29,988	17,541	4,585	2,535
	2017	54,131	49,606	31,340	18,266	4,525	2,280
	2018	57,283	52,525	32,978	19,547	4,758	2,586

1 As of winter semester 2015/2016, there has been a change in the subject classification so parts of the data are of limited comparability with the previous years. For more information see source.

2 Including acquisition of land and buildings.

3 The teaching and research area "Special education", which was documented separately until 2014, was merged into the teaching and research area "Educational sciences" from 2015.

4 The teaching and research area "Veterinary medicine", which was documented separately until 2014, was merged into the teaching and research area "Agricultural, forestry and nutritional sciences, veterinary medicine" from 2015; the values have been retrospectively adjusted to all years presented. Teaching and research area including pre-clinical, clinical-theoretical and clinical-practical veterinary medicine.

5 Including category "Total institutions excluding university clinics".

6 Only human medicine.

Last update: September 2020

Source: Federal Statistical Office (Fachserie 11 Reihe 4.5, special evaluation)

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