



A	OER - Public Domain, CC0, CC-BY, CC-BY-SA
B	other CC licences that restrict NC or ND
C	other free access (i.e. school broadcast)
D	licence information is missing

## OER and other free accessible educational content in Germany

Data collected from 4 central referatories

by WirLernenOnline.de team in October 2024

		Elementary Sector 3.000				School Sector 307.000								Vocational / Adult edu. 25.500								Higher Education Sector 99.200																			
		Kita.bayern, WirLernenOnline 2.291				Mundo 712				WirLernenOnline 243.957				Mundo 63.010				WirLernenOnline 18.044				Mundo 7.473				OERSI.org 94.515				WirLernenOnline 4.730											
Fach	Subject	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D								
Total OER (rounded):		900				60.100				60.100				6.900				6.900				49.653				50.800															
Umweltgefährdung, Umweltschutz	Environmental Risks & Protection	1		7		1		10		104	115	402	204	254	169	510	23	16	3	57		116	66	150	2									11	2	5					
Agrarwirtschaft	Agriculture							1		3	1	14	2	79	21	24	8	2		8		66	5	16	1					1											
Ingenieurwissenschaften, Arbeitslehre	Engineering																													19.873	11.668		705								
Farbtechnik und Raumgestaltung	Color technology and interior design									2						2		1																1							
Informatik	Computer Science	30	2	11	1	1			1	2.550	205	1.071	412	720	257	593	55	175	52	179	30	77	132	63										46	8	48					
Elektrotechnik	Electrical Engineering			1						29	17	65	2	15	7	13		5	1	15	1	3	7	12														3			
Werken	Handicrafts (school sector)	1								4	2	11	17	5	7	9	1	1		3														1				1			
Hauswirtschaft	Housekeeping									5		23	26	29	1	1	10	1		3	27	14			1									1				1			
Metalltechnik	Metal Technology											24	59	12	36	8				4	14	12	33	6														1			1
Bautechnik	Structural Engineering									2		5		93	6	16				2	2	91	6	15																	
Textiltechnik und Bekleidung	Textile Engineering, Clothing									1		4				7				3	2			6																	
Holztechnik	Wood technology									2		2	1	1	4	2						2	1	3	2																
Berufliche Bildung	professional orientation (in schools)		1	3						49	48	551	168	292	228	506	18	38	15	165	9	339	170	297	3									2	3	80	4				
Kunst, Kunstwissenschaft	Art																													1.552	1.225		288								
Kunst	Art	16	1	133	1	2		18		511	54	2.157	223	385	111	316	3	31	10	191	3	18	12	4										12	10	13	1				
Darstellendes Spiel	Acting	1		32						72	14	589	18	3	1	2		8	2	95	1													13	2	135	1				
Musik	Music	3		17	1	1		6		266	124	1.772	589	241	40	2.114	19	12	2	42	15	8	7											26	6	44	3				
Allgemein, Sonstiges, Unzugeordnet (missing value)	General, Miscellaneous, Unallocated - missing value -									1	1	1																		11.025	2.920		999								
Allgemein	General	259	17	29	22	37		6	1	979	210	5.318	8.275	230	48	15.346	10	389	49	512	74	69	16	72	1									128	14	321	5				
Nachhaltigkeit	Sustainability	3	3	74	1					606	100	831	49	1	1	2		96	38	328	4													49	31	174	4				
Open Educational Resources	Open Educational Resources*	57	2	4	1					147	5	10	5					111	3	8	1													21		1	1				
Sucht und Prävention	Addiction and Prevention																																								
Ukrainische Schulbücher	ukrainian textbooks (several subj.)																																								
Zeitgemäße Bildung	Contemporary Education*	9		27						186	9	219	6					91	8	145	2													30	7	102	1				
Weiterbildung	Further Training	1	1	1						11	8	12	2	4	10	6		38	12	12	1	4	7	3										31	4	4					
Sonstiges	Miscellaneous	1		1						4		21						35	1	21														35	1	18					

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		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Fach	Subject	753	174	922	442	154	38	497	23	41.767	28.649	70.538	103.003	18.358	8.101	35.655	896	3.881	1.527	9.197	3.439	3.061	1.691	2.657	64	49.653	41.059	0	3.803	1.110	340	3.239	41
<b>Total OER (rounded):</b>		900				60.100								6.900								50.800											

\*\*\*\*The table represent so far centrally\* collected OER and other free accessible content according to the knowledge of the WLO team as of October 2024.

\* This includes the inventory of:

1.  
KITA.bayern, which started to compile content in the elementary sector. The data was requested from the WirLernenOnline.de referatorium. The content is available via KITA.bayern and WirLernenOnline. Number of active user see WirLernenOnline.

2.  
WirLernenOnline launched its search engine in April 2020 with more than 30.000 free educational contents to support schools in the Corona pandemic. Today more than 200.000 materials have being collected from all education sectors. AI and other automatic metadata generators and quality checks are being developed. This Project has been founded by the German OER Community (Bündnis Freie Bildung and JOINTLY.info Project) and has been funded by the German government\*. The WirLernenOnline.de portal has 600.000 user (The main target group of German teachers at general schools comprises 790,608 teachers) Concepts and technical solution are under free licences.

3.  
Mundo.schule since autumn 2020 is the showcase of Sodix, a referatory commissioned by the German states.

4.  
OERSI.org, which indexes OER from the Länder referatoriums in the higher education sector.

These referatories collect largely free accessible content. Just the first column is known as OER.  
- OER includes the following licenses: CC0, CC-BY, CC-BY-SA, PDM  
- other CC includes creative commons licences which restrict non commercial (NC) or non derivatives (ND)  
- other free access includes free accessible content with other licences including copyright, for instance school broadcast  
- missing metadata counts all contents where no licence is tagged. Reusable and editable content is also believed to be included in this set, but the publishers did not clearly indicate this.

Estimated overlapping of 10% between WirLernenOnline and Mundo sources have been eliminated.

\*The JOINTLY.info and WirLernenOnline.de (WLO) projects funded by the German Federal Ministry of Research and Education (BMBF) made it possible to compile these statistical figures. The OERinfo funding programme enabled to start cooperation for the preparation of data formats and technical interfaces through which metadata and statistical analyses are possible today.

This data do not present the complete sum of all OER in Germany. From our point of view, the 4 projects seem to be the OER development projects of the respective educational sectors with the largest content inventory. They are indexing other units, but have not yet indexed all the content stocks in Germany.

We hope that this first statistic can revitalise the communication in Germany about a common systematic statistical collection. For this purpose, concepts from cooperations around JOINTLY.info and technical preliminary work from WirLernenOnline can be used. Such statistical overviews shall be integrated in central OER Websites like OERinfo and WirLernenOnline or OERSI.

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The Author shall be named as "WirLernenOnline.de Team"

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