



# TITLE

DATE: 07 DECEMBER 2021

# Summary and Abstract

Some text goes here

## Exciting things like data and table

Overall coverage of DOIs in OpenAlex and Crossref metadata

Coverage for outputs published in 2020

Coverage for "current" outputs (published 2019-21)

Alluvial Current

OpenAlex Value Add All Time

OpenAlex Value Add "Current" (2019-21)

OpenAlex Value Add 2020

Value Add By Crossref Type

Abstracts

Affiliations

Citations to

References from

Subjects

Crossref coverage in OpenAlex by Pubdate

**Table 2.** Metadata Coverage and OpenAlex Value Add for Crossref DOIs

Time Period	Total DOIs	CR Affiliation (%)	CR ORCIDS (%)	CR Abstract (%)	CR Subject (%)	CR Citations to (%)	CR References from (%)	CR Open References (%)	OpenAlex Added Affiliation String (%)	OpenAlex Added Author ID (%)	OpenAlex Added Abstract (%)	OpenAlex With Level 0 Field (%)	OpenAlex Added Subject (%)	OpenAlex Added Citations (%)	OpenAlex Higher Citation Count (%)	OpenAlex Added References (%)	OpenAlex Higher Reference Count (%)	OpenAlex Added to Open References (%)
All Time	17308423	13	6	10	62	47	47	42	34	39	43	70	20	4	32	6	10	11
Crossref Current 2019-21	17391660	20	26	25	49	29	52	47	33	29	36	71	27	4	17	4	8	8
2020 Only	6884382	20	26	26	46	30	52	46	31	28	34	69	27	4	17	4	7	7

**Table 2.** Metadata Coverage and OpenAlex Value Add by Crossref Type - All Time

Crossref Type	Total DOIs	CR Affiliation (%)	CR ORCIDS (%)	CR Abstract (%)	CR Subject (%)	CR Citations to (%)	CR References from (%)	CR Open References (%)	OpenAlex Added Affiliation String (%)	OpenAlex Added Author ID (%)	OpenAlex Added Abstract (%)	OpenAlex With Level 0 Field (%)	OpenAlex Added Subject (%)	OpenAlex Added Citations (%)	OpenAlex Higher Citation Count (%)	OpenAlex Added References (%)	OpenAlex Higher Reference Count (%)	OpenAlex Added to Open References (%)
journal-article	88387747	14	7	12	80	55	51	47	38	44	47	77	12	4	37	7	12	10
book-chapter	1648704	1	0	2	0	18	39	38	20	20	28	42	42	5	13	1	4	1
proceedings-article	805966	15	0	5	0	43	53	11	52	64	69	91	91	10	37	12	15	52
dataset	1264421	31	14	0	0	4	7	0	0	0	0	6	6	0	0	0	0	0
book	893631	1	0	8	0	50	0	0	5	5	8	29	29	5	19	2	2	2
journal-issue	62966	0	0	0	65	9	0	0	0	0	1	1	0	0	0	0	0	0
reference-entry	748631	5	0	4	0	8	39	39	5	7	6	10	10	2	3	0	0	0
posted-content	740254	22	52	76	0	15	25	25	23	8	1	41	41	3	7	3	8	3
report	667868	10	2	1	0	21	0	0	3	7	39	64	64	9	17	10	10	10

monograph	519491	2	1	2	0	40	1	1	2	2	6	23	23	4	12	1	1	1
component	512395	0	0	0	0	2	0	0	0	0	1	26	26	1	1	0	0	0
other	503285	1	3	6	0	11	16	15	5	5	3	23	23	3	7	2	3	2
reference-book	21008	0	0	0	0	8	0	0	1	1	2	5	5	1	2	0	0	0
peer-review	187367	7	6	0	0	2	0	0	0	2	0	22	22	0	0	0	0	0
proceedings	50688	0	0	0	0	9	0	0	0	0	1	2	2	0	1	0	0	0
report-series	16425	3	1	6	0	46	1	1	28	28	42	47	47	8	28	20	20	20
book-section	8585	0	0	0	0	10	88	88	0	0	0	6	6	0	0	0	0	0
book-part	6737	1	1	1	0	3	17	17	2	3	1	14	14	1	1	1	1	1
standard	1703	0	0	0	0	11	2	0	0	0	0	0	0	0	0	0	0	0
proceedings-series	564	0	0	0	0	18	0	0	1	1	2	7	7	1	2	1	1	1
book-track	32	56	59	0	0	0	56	56	0	0	0	72	72	0	0	0	0	0

**Table 2.** Metadata Coverage and OpenAlex Value Add by Crossref Type - Current Period

Crossref Type	Total DOIs	CR Affiliation (%)	CR ORCID (%)	CR Abstract (%)	CR Subject (%)	CR Citations to (%)	CR References from (%)	CR Open References (%)	OpenAlex Added Affiliation String (%)	OpenAlex Added Author ID (%)	OpenAlex Added Abstract (%)	OpenAlex With Level 0 Field (%)	OpenAlex Added Subject (%)	OpenAlex Added Citations (%)	OpenAlex Higher Citation Count (%)	OpenAlex Added References (%)	OpenAlex Higher Reference Count (%)	OpenAlex Added to Open References (%)
journal-article	12075655	24	34	30	70	37	60	56	39	32	41	82	20	5	21	5	9	7
book-chapter	2582614	2	3	5	0	7	37	37	18	17	22	38	38	2	4	0	2	0
proceedings-article	1028303	18	1	5	0	19	51	14	43	60	61	87	87	7	16	10	11	42
posted-content	584824	29	58	85	0	12	23	23	23	6	2	46	46	3	7	3	8	3
dataset	162263	48	13	0	0	1	0	0	0	0	0	6	6	0	0	0	0	0
journal-issue	460570	0	0	0	37	2	0	0	1	1	2	1	1	0	0	0	0	0
book	143892	1	2	9	0	22	0	0	2	2	5	15	15	3	5	1	1	1

peer-review	142745	5	4	0	0	1	0	0	0	1	0	23	23	0	0	0	0	0
reference-entry	11390	1	0	11	0	2	74	74	5	5	0	8	8	1	1	0	0	0
other	140975	1	1	9	0	4	32	31	7	8	1	23	23	1	2	0	0	0
component	136649	0	0	0	0	1	0	0	0	0	1	18	18	0	0	0	0	0
monograph	64134	4	3	9	0	21	4	4	3	3	7	18	18	2	4	1	1	1
report	42797	25	16	8	0	13	1	1	5	15	15	58	58	4	7	4	4	4
proceedings	9539	0	0	0	0	3	0	0	1	1	1	2	2	0	0	0	0	0
reference-book	5403	0	0	1	0	17	0	0	4	4	8	51	51	7	11	3	3	3
book-part	4408	1	1	1	0	1	15	14	3	4	1	14	14	0	0	1	1	1
report-series	2753	4	5	7	0	22	4	4	17	17	47	55	55	9	15	8	8	8
book-section	465	0	0	0	0	3	19	19	0	0	0	38	38	2	2	0	0	0
proceedings-series	661	0	0	0	0	7	0	0	1	2	2	6	6	0	1	1	1	1
book-track	32	56	59	0	0	0	56	56	0	0	0	72	72	0	0	0	0	0

**Table 2.** Metadata Coverage and OpenAlex Value Add by Crossref Type - 2020 Publications

Crossref Type	Total DOIs	CR Affiliation (%)	CR ORCID (%)	CR Abstract (%)	CR Subject (%)	CR Citations to (%)	CR References from (%)	CR Open References (%)	OpenAlex Added Affiliation String (%)	OpenAlex Added Author ID (%)	OpenAlex Added Abstract (%)	OpenAlex With Level 0 Field (%)	OpenAlex Added Subject (%)	OpenAlex Added Citations (%)	OpenAlex Higher Citation Count (%)	OpenAlex Added References (%)	OpenAlex Higher Reference Count (%)	OpenAlex Added to Open References (%)
journal-article	4632119	25	34	32	68	40	60	55	38	32	40	82	21	5	22	5	9	7
book-chapter	1041128	2	2	5	0	6	38	38	17	16	21	37	37	2	4	0	1	0
proceedings-article	106636	20	2	6	0	15	50	14	42	60	60	87	87	8	15	11	12	42
posted-content	242720	33	61	84	0	15	24	24	23	6	3	44	44	3	8	2	7	2
reference-entry	124312	0	0	5	0	1	82	82	2	2	0	4	4	0	0	0	0	0
dataset	81043	66	10	0	0	1	0	0	0	0	0	5	5	0	0	0	0	0

peer-review	78793	4	4	0	0	1	0	0	0	1	0	24	24	0	0	0	0	0
other	69401	1	1	7	0	3	36	36	6	6	1	23	23	1	2	0	0	0
journal-issue	63029	0	0	0	34	2	0	0	1	1	2	2	1	0	0	0	0	0
book	57320	1	2	10	0	21	0	0	2	2	5	16	16	3	5	1	1	1
component	46830	0	0	0	0	1	0	0	0	0	0	20	20	0	0	0	0	0
monograph	25151	3	3	9	0	20	4	4	3	3	10	18	18	2	4	1	1	1
report	16501	25	16	8	0	15	1	1	6	15	17	62	62	4	8	4	4	4
proceedings	3739	0	0	0	0	3	0	0	1	1	1	2	2	0	0	0	0	0
reference-book	2670	0	0	1	0	14	0	0	4	4	10	50	50	10	12	1	1	1
book-part	1834	1	0	0	0	1	22	21	4	5	1	14	14	0	0	0	1	0
report-series	1166	4	5	2	0	23	4	4	14	14	42	45	45	8	13	3	4	3
proceedings-series	44	0	0	1	0	5	0	0	3	4	3	6	6	0	0	0	0	0
book-section	50	0	0	0	0	6	30	30	0	0	0	42	42	2	2	0	0	0
book-track	10	20	20	0	0	0	20	20	0	0	0	50	50	0	0	0	0	0