

Status of CINDA database

V.Zerkin, IAEA-NDS, 28-April-2023

CINDA database status

1. Regular automatic updates using the EXFOR and NSR databases have been frozen since December 2018 because newer NSR database is no longer available.
2. Import from EXFOR version 2023-04-19 was performed once (2023-04-26) to keep maintenance system alive. Import from NSR was performed from NSR database version 2018-11-30.
3. Complete MySQL dump of CINDA database was sent to Mirror-sites.

CINDA update statistics 2020-08-28 vs. 2022-06-02 vs. 2023-04-26

Initial CINDA	2014-06-25		
File	Lines		
cinda1.c2k	95,836		
cinda2.c2k	88,798		
cinda3.c2k	45,547		
cinda4.c2k	61,486		
Import from EXFOR:	2020-08-27	2022-05-31	2023-04-19
x4auto_XA1.exch2	59,382	↗ 62,135	↗ 63,613
x4auto_XA2.exch2	85,525	↗ 88,090	↗ 89,608
x4auto_XA3.exch2	30,010	↗ 31,436	↗ 32,325
x4auto_XA4.exch2	54,018	↗ 58,318	↘ 57,482
x4auto_XA1.read2	20	= 20	= 20
x4auto_XA2.read2	206	↘ 201	= 201
x4auto_XA3.read2	9	= 9	= 9
x4auto_XA4.read2	17	↗ 22	= 22
Import from NSR:	2018-11-30	2018-11-30	2018-11-30
nsr.exch0.c2k	87,295	↘ 86,761	↘ 86,489
CINDA by areas:	2020-08-28	2022-06-02	2023-04-26
cinda1.c2k	153,422	↗ 156,266	↗ 157,590
cinda2.c2k	166,037	↗ 168,691	↗ 169,973
cinda3.c2k	73,014	↗ 74,588	↗ 75,373
cinda4.c2k	110,331	↗ 113,648	↘ 112,923
cinda9.c2k	87,295	↘ 86,761	↘ 86,489
Final CINDA Lines:	590,099	↗ 599,954	↗ 602,348
Blocks:	297,599	↗ 300,056	↗ 300,785

CINDA database summary (2023-04-26)

Database	All Entries	References	References exported to CINDA
Initial CINDA	291,667 Lines	39,810	39,810 ~44.1% of Final CINDA
EXFOR	26,172 ENTRY	35,448	26,674 ~75.2% of EXFOR
NSR-2018	230,106 KeyNo	193,994	28,326 ~14.6% of NSR
Final CINDA	602,348 Lines	90,320	90,320

CINDA Web statistics on www-nds.iaea.org

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Search	4,008	4,116	6,032	3,083	2,180	3,156	1,666	1,752	1,853	4,171
+%	+22%	+3%	+47%	-49%	-29%	+44%	-47%	+5%	+6%	+125%