



International Atomic Energy Agency

**Status of the EXFOR Entry transmission
2010/2011**

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- **Transmission statistics**
- **Preliminary type checking statistics**
- **Status of new article compilation**
- **Status of old entry retransmission.**
- **Duplication in area 1,C and L**
- **Scanning of new publication**



NDC

Area 1

1361	Final	7	6	1	53	51	2
1362		10	5	5	30	11	19
1363		16	0	16	39	6	33
1364		16	0	6	72	0	72
1365		12	0	12	60	2	58
1366		28	4	24	121	46	75
1367		28	6	22	87	45	42
1368		23	1	22	52	3	49
1369		20	0	20	87	3	84
1370		26	0	26	102	51	51
1371	Prelim	9	6	3	33	32	1
Sum		195	28	157	736	250	486

Area C

C096	Final	15	5	10	43	43	0
C097	Final	35	0	35	68	0	68
C098	Final	14	12	2	49	42	7
C099		10	0	10	37	0	37
C100		21	16	5	82	75	7
C101		16	11	5	75	56	19
C102		3	0	3	3	0	3
C103		18	11	7	63	42	21
C104		17	8	9	35	24	11
C105	Prelim	9	1	8	277	222	22
C106	Prelim	6	6	0	24	24	0
Sum		164	70	94	756	528	195

Area L

L013	Final	2	2	0	20	20	0
L014		6	6	0	27	27	0
L015	Prelim	9	6	3	15	13	2
Sum		17	14	3	62	60	2



NEA-DB

Area 2

2218		21	11	10	86	45	41
2219		8	4	4	88	71	17
2220		12	8	4	32	26	6
2221		16	7	9	155	119	36
2222		33	0	33	86	0	86
2223		30	16	14	155	98	57
2224		21	3	18	116	17	99
2225	Prelim	125	0	125	666	4	662
2226	Prelim	77	3	74	317	13	304
Sum		343	52	291	1701	393	1308

Area O

O041		100	78	22	369	302	67
O042		30	0	30	250	0	250
O043	Prelim	11	0	11	84	4	80
O044	Prelim	54	46	8	296	292	4
Sum		195	124	71	999	598	401



**NDS
Area 3**

(NDS with contributions from UkrNDC, India, CNDC and KAERI)

3144	Final	104	2	102	284	5	279
3145		23	6	17	73	57	16
3146		62	20	42	221	72	149
3147		66	0	66	313	2	311
3148		23	7	16	61	21	40
3149	Prelim	23	3	20	38	32	6

Sum 301 38 263 990 189 801

Area D (NDS with contributions from ATOMKI, UkrNDC, India KAERI)

D072	Final	50	9	41	53	30	23
D073		19	10	9	64	43	21
D074		65	38	27	255	211	44
D075		10	3	7	63	50	13
D076		24	4	20	32	29	3
D077	Prelim	26	15	11	104	96	8

Sum 194 79 115 571 459 112

Area G

(NDS with contributions from UkrNDC and KAERI)

G020	Final	15	7	8	33	32	1
G021		8	3	5	25	22	3
G022	Prelim	17	6	11	34	21	13

Sum 40 16 24 92 75 17

Area V

V028		38	0	38	571	4	567
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Sum 38 0 38 571 4 567



CJD

Area 4

4149	Final	26	8	18	256	27	229
4150		20	4	16	61	13	48
4151		41	10	31	179	89	90
4152	Prelim	34	10	24	122	54	68
<hr/>							
Sum		121	32	89	618	183	435

CAJAD

Area A

A067	Final	29	14	15	84	52	32
A068		14	12	2	76	65	11
A069		16	6	10	239	21	218
A070	Prelim	46	2	44	211	0	211
A071	Prelim	20	18	2	81	78	3
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Sum		125	52	73	691	216	475

Area B

B022		2	0	2	1	0	1
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Sum		2	0	2	1	0	1



JCPRG

Area E

E062	Final	15	7	8	89	42	47
E063		26	11	15	228	53	175
E064		17	11	6	82	77	5
E065	Prelim	42	21	21	398	81	217
Sum		100	50	50	797	253	444

Area J

J009		1	0	1	30	0	30
Sum		1	0	1	30	0	30

Area K

K006	Final	3	1	2	4	2	2
K007	Final	7	1	6	8	1	7
K008		3	2	1	3	3	0
K009		12	12	0	63	63	0
K010	Prelim	8	8	0	60	60	0
Sum		33	24	9	138	129	9

Area R - no



CNPD-VNIIEF**Area F**

F038	Final	24	11	13	74	61	13
F039		25	19	6	163	144	19
F040		22	10	12	149	101	48
F041	Prelim	29	15	14	128	108	20
Sum		100	55	45	514	414	100

CDFE**Area M**

M053		12	4	8	90	13	77
M054		6	4	2	25	24	1
M055		21	4	17	153	67	86
M056		25	4	21	121	12	109
M057		8	6	2	34	16	18
M058	Prelim	8	3	5	24	14	10
Sum		80	25	55	447	146	301

CNDC**Area S**

S014		9	8	1	21	21	1
Sum		9	8	1	21	21	1



Summary by data type

Neutron data

Area 1	195	28	157	736	250	486
Area 2	343	52	291	1701	393	1308
Area 3	301	38	263	990	189	801
Area 4	121	32	89	618	183	435
Area V	38	0	38	571	4	571
Sum	998	150	838	4616	1019	3601

CPND

Area A	125	52	73	691	216	475
Area C	164	70	94	756	528	195
Area D	194	79	115	571	459	112
Area E	100	50	50	797	253	444
Area J	1	0	1	30	0	30
Area F	100	55	45	514	414	100
Area O	195	124	71	999	598	401
Area S	9	8	1	21	21	1
Sum	888	438	450	4379	2489	1758

Photonuclear

Area G	40	16	24	92	75	17
Area K	33	24	9	138	129	9
Area L	17	14	3	62	60	2
Area M	80	25	55	447	146	301
Sum	170	79	91	739	410	329

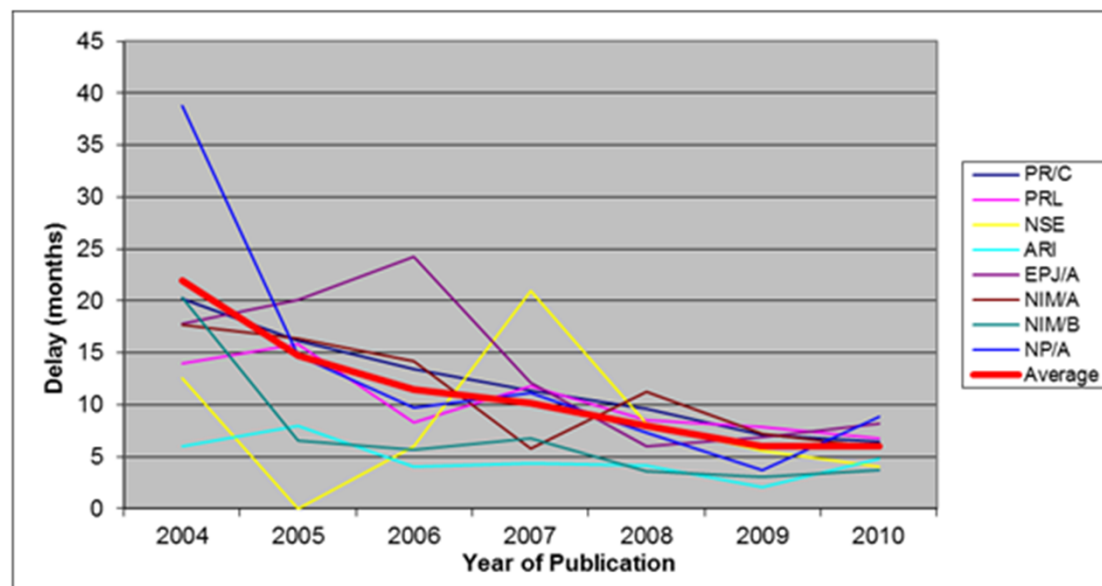
All EXFOR 2056 667 1379 9734 3918 5688

2010 2066 661 1404 9847 4199 5709

Area	Number of final trans submitted	Number of trans files checked by Centres					
		NDS	NEA DB	CJD	UKRNDC	CNDC	CDFE
1	10	10	8	3	1		
2	7	7					
3	5		5	3			
4	2	2	2				
A	2	2					
B	1	1					
C	6	6	5			1	
D	4		4				
E	2	2	2				
F	2	2	2				
G	2		2				1
J	1	1	1				
K	2	2	2				2
L	1	1	1				1
M	5	5	5				
O	2	2		1			
S	1	1	1				
V	1		1				

Status of new articles compilation

Publication Year	PR/C	PRL	NSE	ARI	EPJ/A	NIM/A	NIM/B	NP/A	Average
2004	20.2	14.0	12.5	6.0	17.8	17.7	20.3	38.8	22.0
2005	16.2	15.8	(none)	7.9	20.1	16.4	6.5	14.7	14.7
2006	13.4	8.3	6.0	4.0	24.2	14.2	5.7	9.7	11.4
2007	11.3	11.8	21.0	4.4	12.1	5.8	6.8	11.1	10.1
2008	9.6	8.5	8.2	4.1	6.0	11.2	3.6	7.3	7.9
2009	7.1	7.8	5.6	2.1	4.4	7.2	3.0	3.7	6.0
2010	6.4	6.7	4	4.8	8.2	5.9	3.7	8.8	6.0



Status: Retransmission of Old Entries

Area	Centre	2 digits/Total number of Entries	Upper/Total number of Entries
1	NNDC	58%	53%
2	NEA DB	60%	66%
3	NDS	0%	0%
4	CJD	49%	68%
A	CAJaD	20%	16%
B	CAJaD	0%	0%
C	NNDC	11%	6%
D	NDS	0%	0%
E	JCPRG	7%	17%
F	CNPD	0%	0%
G	NDS	0%	0%
J	JCPRG	0%	0%
K	JCPRG	0%	0%
L	NNDC	28%	3%
M	CDFE	53%	68%
O	NEA DB	15%	6%
P	NDS	0%	0%
R	JCPRG	25%	25%
S	CNDC	0%	0%
T	NNDC	0%	0%
V	NDS	2%	2%
Total		32%	33%



Duplications in area 1, C, and L.

Entry		Date of Transmission		Source*		# of points	
NNDC	Regional	NNDC	Regional	NNDC	Regional	NNDC	Regional
C1665	E2132	2009-07-21	2009-07-01	Table	Author	6	39
C1676	E2139	2009-07-21	2009-07-01	Author +Table	Author +Table	52	52
C1679	E2134	2009-08-31	2009-07-01	Author	Author	66	77
C1719	E2149	2010-02-15	2009-10-26	Author	Author	53	65
C1724	E2107	2010-02-15	2009-10-26	Table +Curve	Table +Author	173	203
L0144	K2111	2009-07-21	2009-07-07	Curve	Author	11	11



N	Code of journal	Title of journal	Comments
1.	ACA	Analitica Chimica Acta	stopped scanning. Not rel.to EXFOR
2.	AE	Atomnaya Energiya	
3.	AEJ	Journal of the Atomic Energy Society of Japan	scanned by Otsuka from vol.1 till current. No any research article is expected later than 2002. (see NST)
4.	AIP-	Conf.proceedings by Am.Inst.of Phys.	from 1005 till 1036
5.	AND	Atomic Data and Nuclear Data Tables	2000.01 (1995.01)
6.	ANE	Annals of Nuclear Energy	2000.01 (1995)
7.	APP/B	Acta Physica Polonica, Part B	2004 (1999) stopped scanning. No articles relevant to EXFOR
8.	APPL/A	Applied Physics A	stopped in 06.2007 No articles rel.to X4
9.	APPL/B	Applied Physics B	stopped in 06.2007 No articles rel.to X4
10.	ARI	Applied Radiation and Isotopes	2001.01 (1995)
11.	ASI	Acta Physica Sinica	not yet
12.	ASL	Acta Physica Slovaca	not yet
13.	BAS	Bull.Russian Academy of Sciences	
14.	CHP	Chinese Journal of Physics (Taiwan)	(full coll. are scanned)
15.	CJP	Canadian Journal of Physics	2004.06 (1997); stopped in 06.2007 No articles rel.to X4
16.	CP	Chinese Physics	
17.	CPL	Chinese Physics Letters	2005-05-26
18.	EPJ/A	European Physical Journal A	1998.01; 2002 - checked thr. NSR
19.	EPJ/AP	European Physical Journal AP	Applied Physics, stop scanning.
20.	EPJ/AS	European Physical Journal AS	

1.	EPJ/C	European Physical Journal C	stopped scanning. No X4 data
2.	EPJ/ST	European Physical Journal ST	stopped scanning. No X4 data
3.	EPJ/CS	European Physical Journal Web of Conferences	From 2011
4.	EUL	European Phys.Letters	2000.01. stopped scanning. No X4 data
5.	FIZ/B	Fizika B	
6.	HFH	He Huaxue yu Fangshe Huaxue	stopped scanning. No X4 data
7.	IJP/A	Indian Journal of Physics A	IJP from 06.2004.stopped scanning. No X4 data
8.	IMP/E	Int. Journal of Modern Physics, Part E	.stopped scanning. No X4 data
9.	IPA	Indian Journal of Pure and Applied Physics	2003.12. stop registered
10.	IPC	Radiation Physics and Chemistry	77 (1-8) - only 1 relev. To EXFOR . No data relevant to EXFOR
11.	IRE	IEE Transactions on Nuclear Science	
12.	ISINN-	Int.Sem.on Interactions of Neutrons with Nuclei	
13.	IAEA-C-	IAERI-reports	(formerly JAERI-C)
14.	JAP	Journal of Applied Physics	stopped scanning. No data relevant to EXFOR
15.	JEL	J.Experim.&Theor. Phys. Letters	stopped scanning. No data relevant to EXFOR
16.	JET	J.Experim.&Theor. Phys. - Soviet Physics	stopped scanning. No data relevant to EXFOR
17.	JNRS	Journal of Nuclear and Radiochemical Sciences	
18.	JP/CS	Jour.of Physics, Conference Series	
19.	JP/D	Jour. of Physics, Part D	
20.	JP/G	Jour. of Physics, Part G	



1.	JPJ	Journal of the Physical Society of Japan	2005.01
2.	JPR	Journal de Physique	J. Phys. IV France: Proceedings of international scientific conferences or schools in all areas of physics.
3.	JRN	Journal of Radioanalytical and Nuclear Chemistry	from 2000 (v.243)
4.	KPS	Journal of the Korean Physical Society	from 1997
5.	NC	Nuovo Cimento	not yet
6.	NC/B	Nuovo Cimento B	stopped scanning. Not relevant to EXFOR
7.	NIM/A	Nucl. Instrum. Methods in Physics Res., Sect.A	2003.09 (1995.01)
8.	NIM/B	Nucl. Instrum. Methods in Physics Res., Sect.B	2004.12 (1995.01)
9.	NP/A	Nuclear Physics A	2002.01 (1995.01)
10.	NP/B	Nuclear Physics B	not yet
11.	NSE	Nuclear Science and Engineering	1997.09 (1997.09)
12.	NST	J. of Nuclear Science and Technology	1999.01 (1999.01)
13.	NSTP	Progress in NUCLEAR SCIENCE and TECHNOLOGY	From 2011
14.	NSTS	J. of Nuclear Science and Technology, Supplement	supplement for conf. proc.
15.	NT	Nuclear Technology	2004.04. stop scanning. No data relevant to X4
16.	NUC	Nukleonik	

1.	PAN	Physics of Atomic Nuclei	2000.01-pr.day
2.	PHE	High Energy Physics and Nucl.Physics	scanned by Naohiko from Vol.25(1)-Vol.31(9)
3.	PL/B	Physics Letters,Section B	2004.10 (1995.01)
4.	PPN/L	Physics of Particles and Nuclei Letters	
5.	PR/C	Physical Review C	2002.01 (2002.01)
6.	PRL	Physical Review Letters	
7.	PRM	Pramana	2-5-absent; all others are scanned!.stopped scanning
8.	PTP	Progress of Theoretical Physics	scanned by Naohiko
9.	RAK	Radiokhimiya	
10.	RBF	Brasilian Journal of Physics	2001.01 (1997.06)
11.	RCA	Radiochimica Acta	2003.01 (2003.01)
12.	RJP	Romanian Journal of Physics	stopped scanned at 06.2006
13.	RM	Radiation Measurements	stop reg. no articles relevant to EXFOR
14.	SPS	Soviet Physics-Crystallography	stopped scanning. Not relevant to EXFOR
15.	SRA	Soviet Radiochemistry=Radiokhimiya	2004.08
16.	UFZ	Ukrainskii Fizichnii Zhurnal	scanned by Ukr.Center
17.	YF	=PAN	not yet
18.	YK	Vop. At.Nauki i Tekhn.,Ser.Yadernye	
19.	ZNJD	Zbirnik Nauk. Institutu Yadernikh Doslidzhen	
20.	ZP	Zeitschrift fuer Physik	



*Thank you very much
to all of you
for your input
and fruitful cooperation*

