

Status of New Articles for EXFOR Compilation (A7)

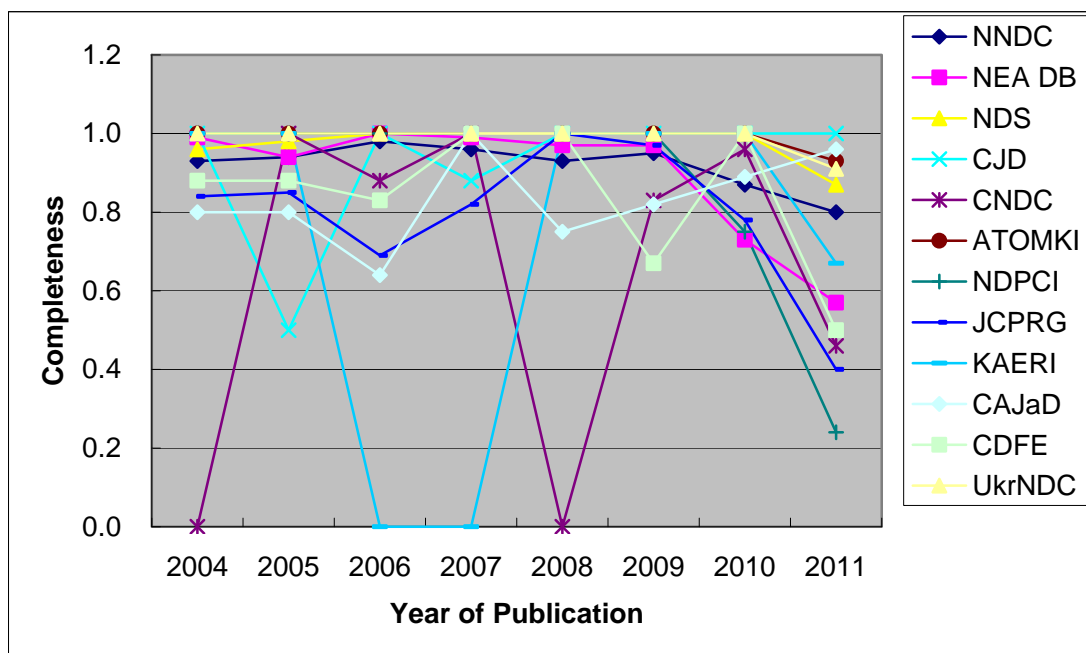
(N. Otsuka, 2012-04-10)

The current status of new articles registered to the EXFOR Compilation Control System was analysed for all projectiles (neutron, light-charged particle, heavy-ion, photon). The numbers of articles registered for compilation are shown in **Table 1**.

**Table 1:** Numbers of new articles for compilation

	NNDC	NEA	NDS	CJD	CNDC	ATOM	NDPCI	JCPRG	KAERI	CAJaD	CDFE	UkrNDC
2004	86	130	31	20	0	13	5	55	3	38	8	6
2005	58	98	44	2	6	7	5	34	1	12	8	8
2006	57	123	42	7	8	16	14	38	0	15	7	3
2007	74	136	65	9	3	24	18	63	0	12	9	10
2008	68	81	64	10	1	13	26	38	2	8	9	13
2009	121	49	54	10	6	19	12	39	6	11	4	5
2010	63	81	45	9	26	11	19	39	8	21	11	6
2011	62	109	49	7	16	18	31	46	16	26	8	11
2012	23	26	10	1	3	11	10	4	3	8	1	0
<b>Total</b>	<b>612</b>	<b>833</b>	<b>404</b>	<b>75</b>	<b>69</b>	<b>132</b>	<b>140</b>	<b>356</b>	<b>39</b>	<b>151</b>	<b>65</b>	<b>62</b>

**Figure 1** shows the completeness of compilation (# of compiled articles/# of registered articles). Entries in both final and preliminary transmission are considered. Articles published in Conference Proceedings are excluded because data are often preliminary and not available. There was no article for compilation by CNDC in 2004, and by KAERI in 2006-2007. Note that KAERI has started compilation since 2009.



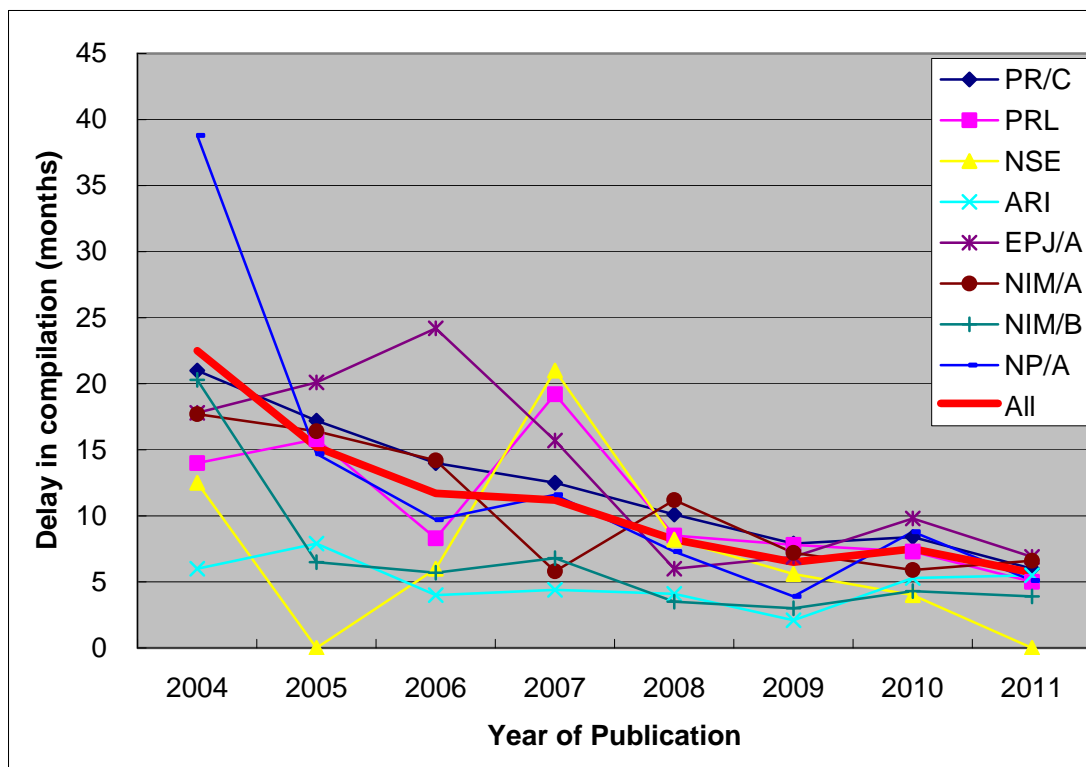
**Fig.1:** Completeness of compilation for each publication year

**Table 2** and **Fig. 2** show delay in compilation (= date of transmission – date of publication) for new articles published in selected journals (publishing 57% of all registered articles, see also appendix of the paper) and coded as the primary reference in new entries. Articles still missing in EXFOR are not considered. The averaged delay is **5.7 months** for articles published in 2011.

The averaged delay reported in NRDC 2011 is also shown in Table 2 for comparison. Averaged delay of each publication year has been slightly increased since NRDC 2011 meeting. Remember that compilation of the new articles published in 2004-2010 is still on-going.

**Table 2:** Averaged delay in compilation for articles in selected journals

Pub. Year	PR/C	PRL	NSE	ARI	EPJ/A	NIM/A	NIM/B	NP/A	All	Ave. NRDC 2011
2004	21.0	14.0	12.5	6.0	17.8	17.7	20.3	38.8	22.5	22.0
2005	17.2	15.8	-	7.9	20.1	16.4	6.5	14.7	15.2	14.7
2006	14.0	8.3	6.0	4.0	24.2	14.2	5.7	9.7	11.7	11.4
2007	12.5	19.2	21.0	4.4	15.7	5.8	6.8	11.6	11.2	10.1
2008	10.1	8.5	8.2	4.1	6.0	11.2	3.5	7.3	8.2	7.9
2009	7.9	7.8	5.6	2.1	6.9	7.2	3.0	3.9	6.5	6.0
2010	8.4	7.3	4.0	5.3	9.8	5.9	4.3	8.8	7.5	6.0
2011	6.0	5.0	-	5.5	6.9	6.6	3.9	5.1	5.7	-



**Fig. 2:** Averaged delay in compilation for articles in selected journals

Figure 3 shows distribution of delay in compilation. Most probably each article is compiled between 3 to 6 months after publication.

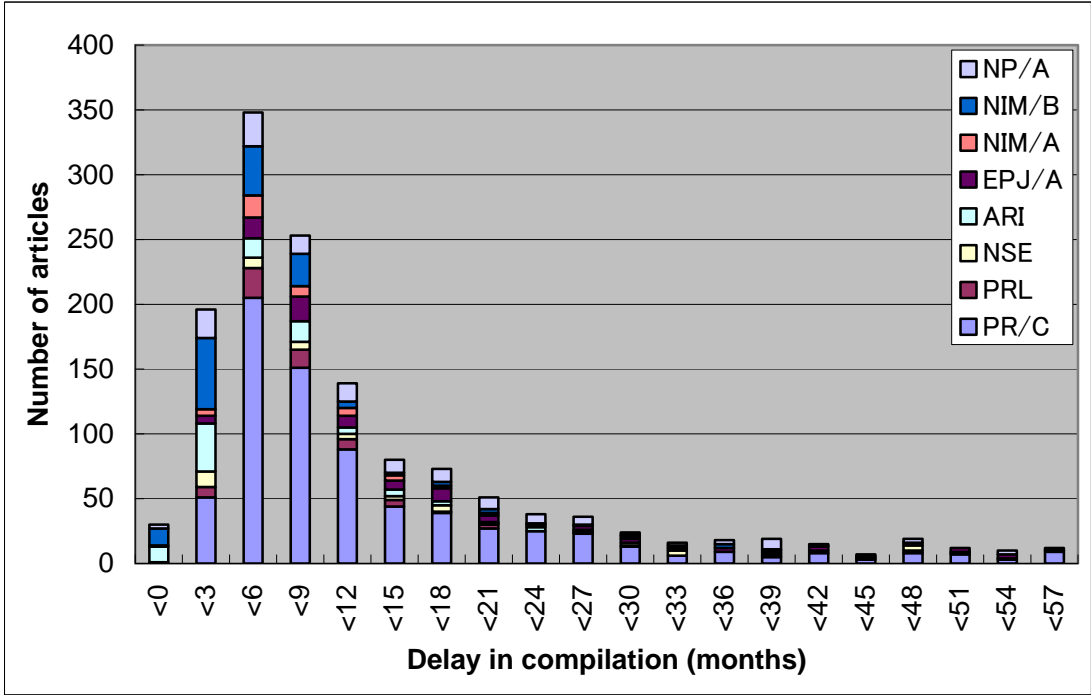


Fig. 3: Distribution of delay in compilation (“<6” means compiled between 3 months and 6 months. “<0” means compiled in the month of publication or before publication.)

## Appendix

List of journals which published two or more articles for EXFOR compilation

Journal	2007	2008	2009	2010	2011	2012	Sum
PR/C	101	99	116	108	112	35	571
NIM/B	34	31	26	21	20	9	141
NP/A	30	16	10	30	13	4	103
EPJ/A	12	3	21	27	19	5	87
ARI	14	18	18	16	9	5	80
AIP	0	12	39	19	8	1	79
KPS	7	3	0	0	63	0	73
PAN	9	16	9	15	13	3	65
PRL	8	11	20	13	10	3	65
PL/B	10	10	9	9	10	6	54
NIM/A	9	8	7	8	11	2	45
BAS	4	9	6	9	14	0	42
JRN	6	3	7	11	11	1	39
EPJ/CS	0	0	0	19	10	7	36
RCA	7	5	8	5	7	3	35
JP/G	3	8	7	8	7	1	34
NSE	7	8	6	3	2	1	27
NST	5	4	1	5	4	0	19
ANE	1	4	4	1	6	2	18
JP/CS	0	2	0	1	14	1	18
CPL	2	1	3	4	4	0	14
EPJ/ST	11	0	0	0	0	0	11
IMP/E	0	6	3	2	0	0	11
JPJ	2	3	2	1	2	0	10
AE/T	0	0	3	0	4	0	7
NSTS	0	7	0	0	0	0	7
PRM	4	0	1	2	0	0	7
RM	0	1	1	4	1	0	7
NSTP	0	0	0	0	5	0	5
PPN/L	0	0	2	2	1	0	5
APP/B	0	1	0	1	0	2	4
IPC	0	1	0	2	0	1	4
JLCR	3	0	0	0	0	0	3
ND/B	0	0	0	3	0	0	3
UFZ	3	0	0	0	0	0	3
IJP	0	0	1	0	1	0	2
NT	0	2	0	0	0	0	2
PHE	2	0	0	0	0	0	2