



PCT Statistics

Meeting of International Authorities
Thirtieth Session

Geneva
November 1, 2023

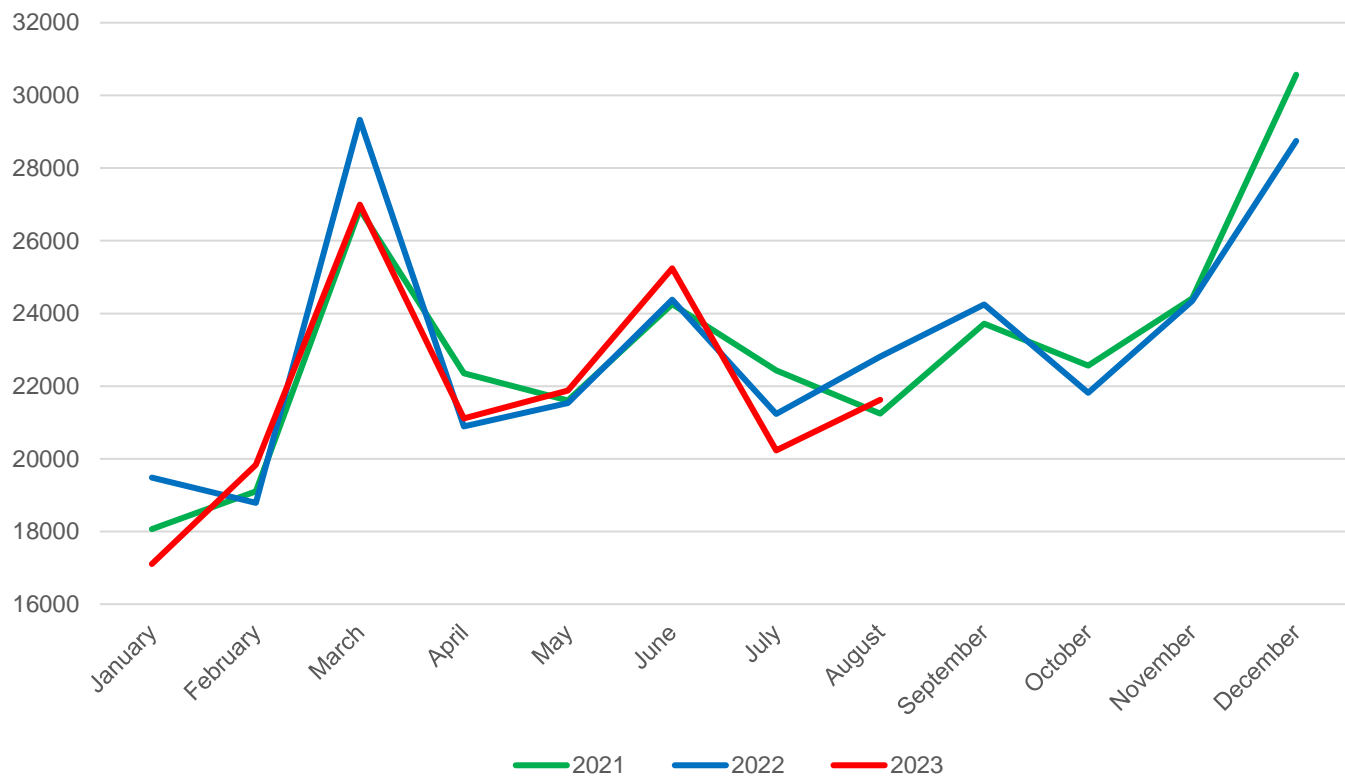
Outline

- International Filings
 - Data for 2022
 - Medium of Filing
- National Phase Entries
- International Authorities
 - International Search
 - Supplementary International Search
 - International Preliminary Examination
- PCT-Patent Prosecution Highway (PPH) pilots

PCT Filings in 2022

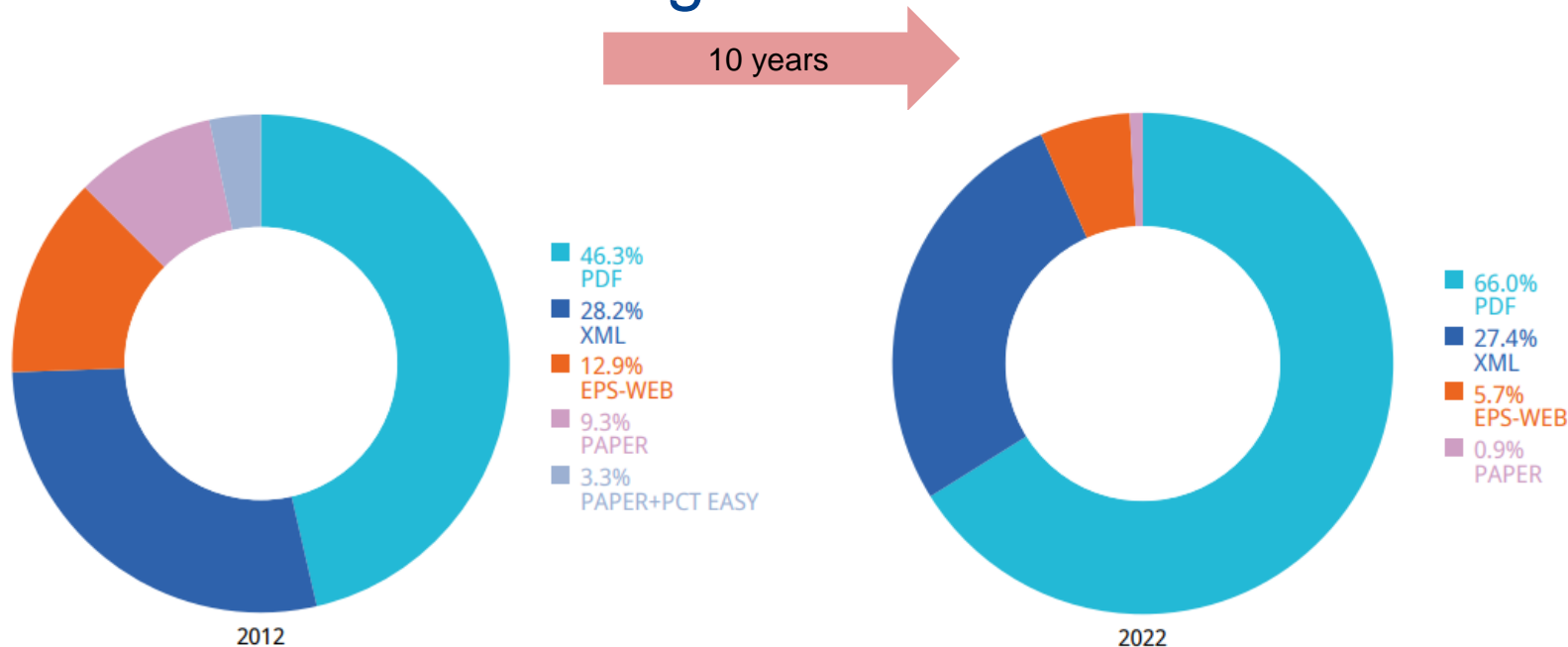
- 278,100 international applications filed in 2022 (+0.3%)
- Top 5 countries: China (70,015 +0.6%), United States of America (59,056, -0.6%), Japan (50,345 +0.2%), Republic of Korea (22,012 +6.2%) and Germany (17,530 +1.5%)
- Top applicant: Huawei Technologies (7,689 published PCT applications in 2022, +10%)
- Top educational institution filer: University of California (552 published PCT applications in 2022, +0.2%)
- More information in [PCT Yearly Review 2023](#)

PCT Filings from 2021, month-to-month



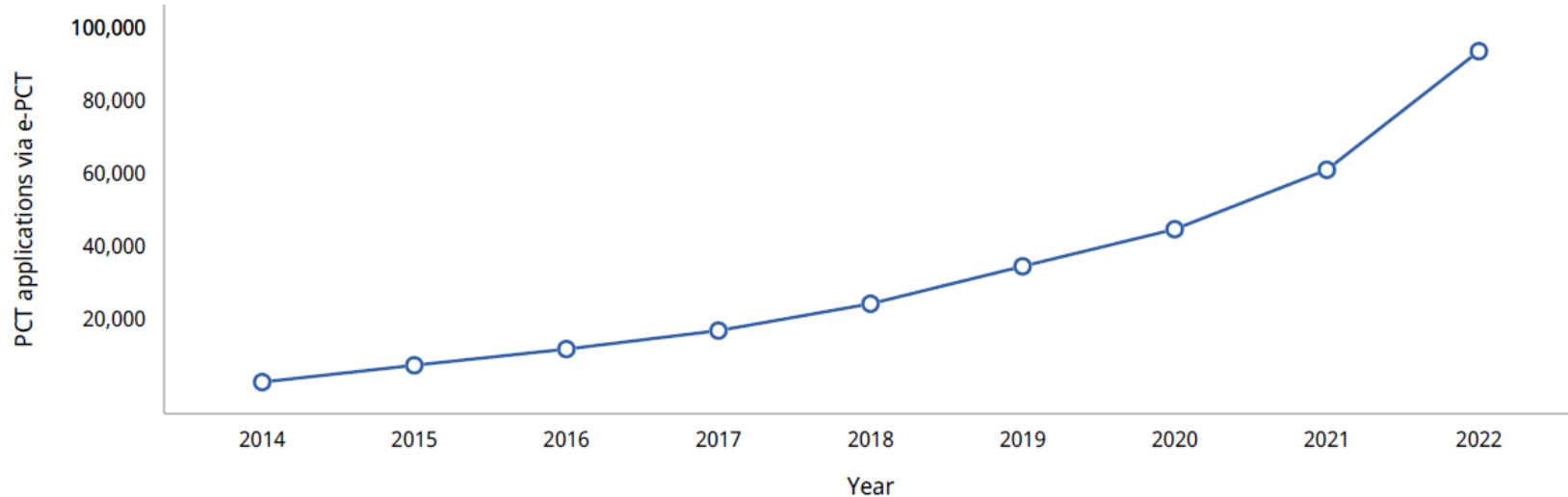
Source: WIPO Statistics Database, October 2023

Medium of Filing



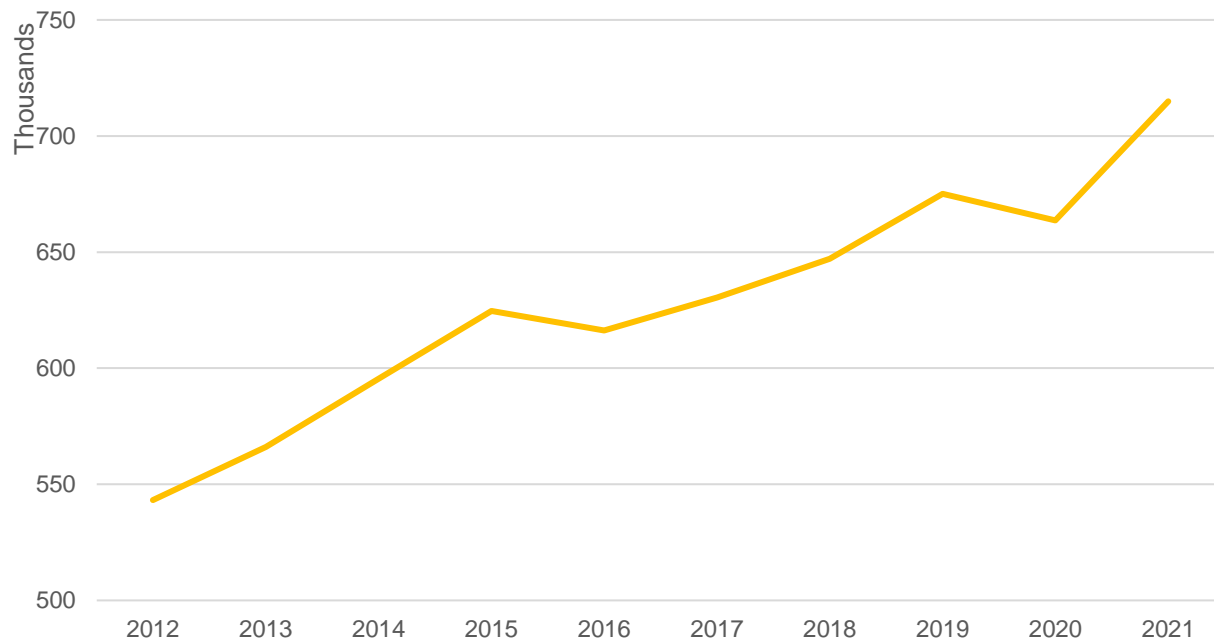
■ Filing medium distribution for 2022 (2021):
66.0% (65.0%) PDF, 27.4% (27.3%) XML, 0.9% (1.3%) Paper

Medium of Filing : focus on ePCT



- Nearly 100k PCT applications were filed by applicants using ePCT in 2022, 53.5% more than in 2021
- About a third of all PCT applications filed globally in 2022 were filed using ePCT

PCT National Phase Entries



715,200 total national phase entries in 2021 (+7.6%)

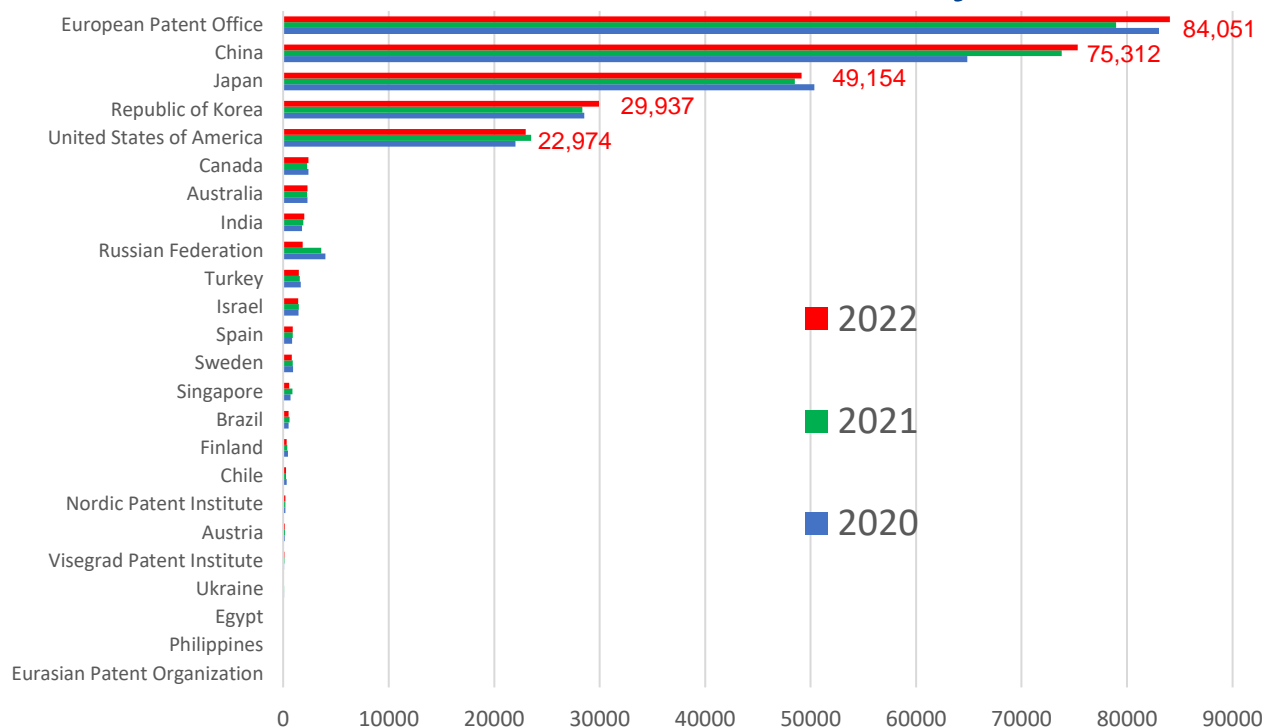
598,600 non-resident national phase entries in 2021

PCT system accounted for 58.9% of all non-resident filings in 2021 (+2%)

International Authorities

- International Search Reports
 - Distribution by International Authority
 - Timeliness of Transmission to International Bureau
 - A1 Publication Percentage
- Supplementary International Search Reports
- International Preliminary Examination Reports
 - Number of IPRPs per IPEA
 - Timeliness of Transmission to International Bureau

Distribution of ISRs established by ISA

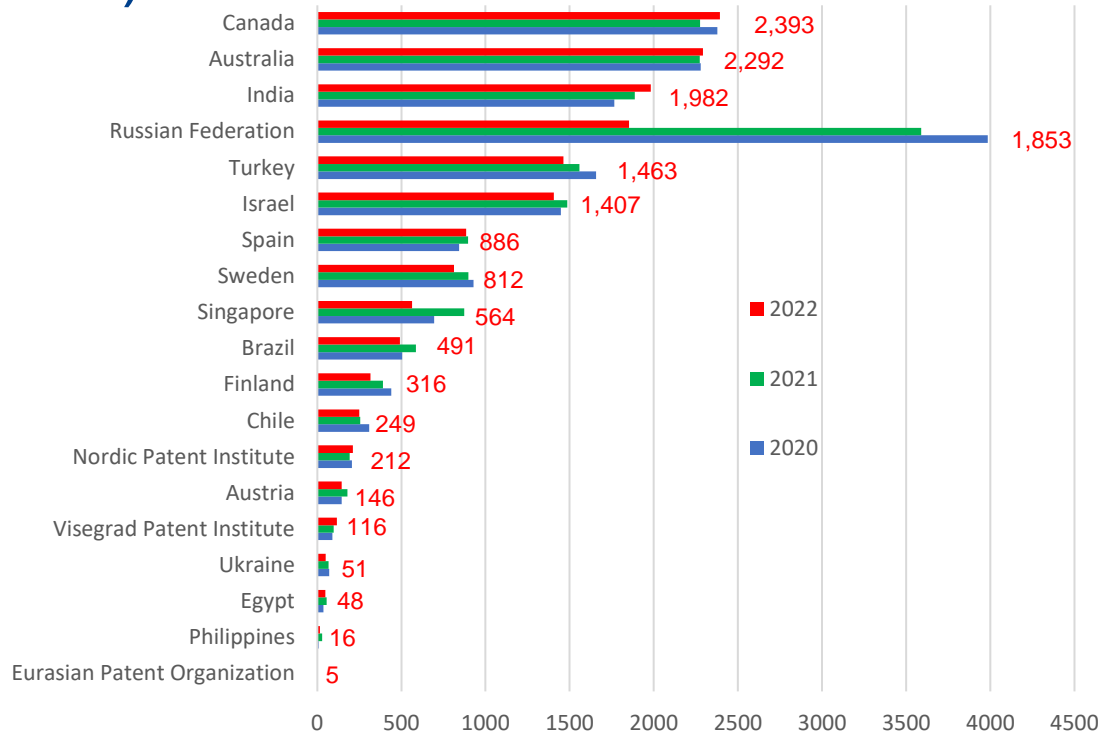


IP5 Offices produce 94.4% of International Search Reports

Data based on international filing year of application

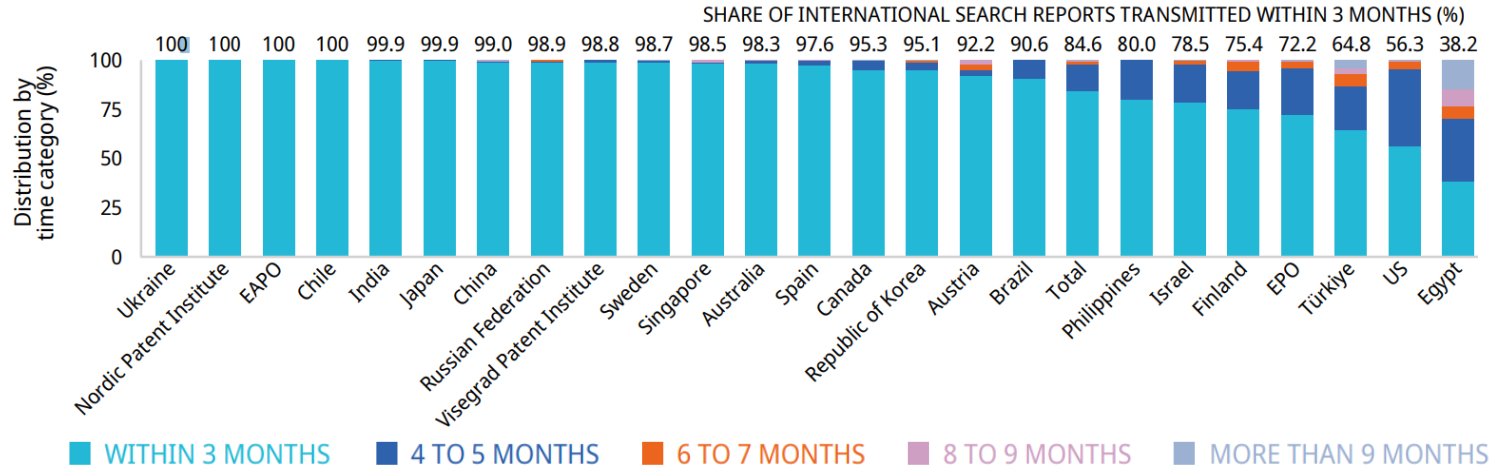
Source: WIPO statistics database. October 2023

Distribution of ISRs established by ISA (excluding IP5 Offices)



Data based on international filing year of application

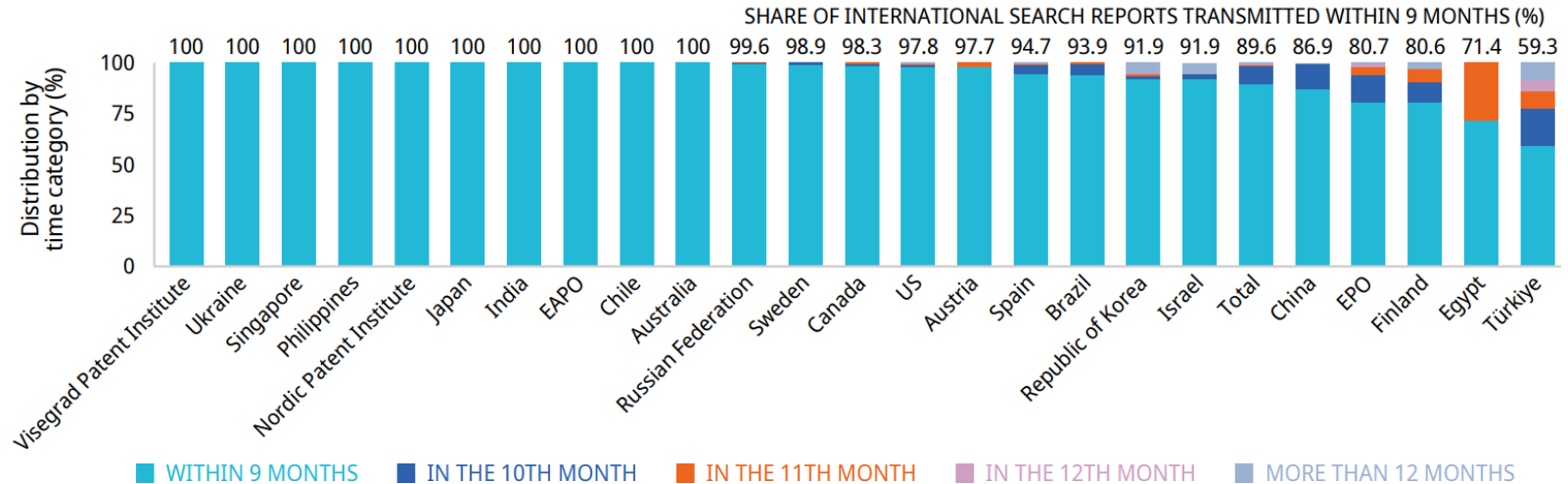
Timeliness in Transmitting ISRs to the IB measured from Date of Receipt of Search Copy by ISA for 2022



All ISRs that ought to be transmitted to the International Bureau within 3 months of the date of receipt of the search copy met this deadline at the Office of Chile, Ukraine, the Nordic Patent Institute and Eurasian Patent Office.

In 2021, 85.6 % of all ISRs were transmitted within 3 months

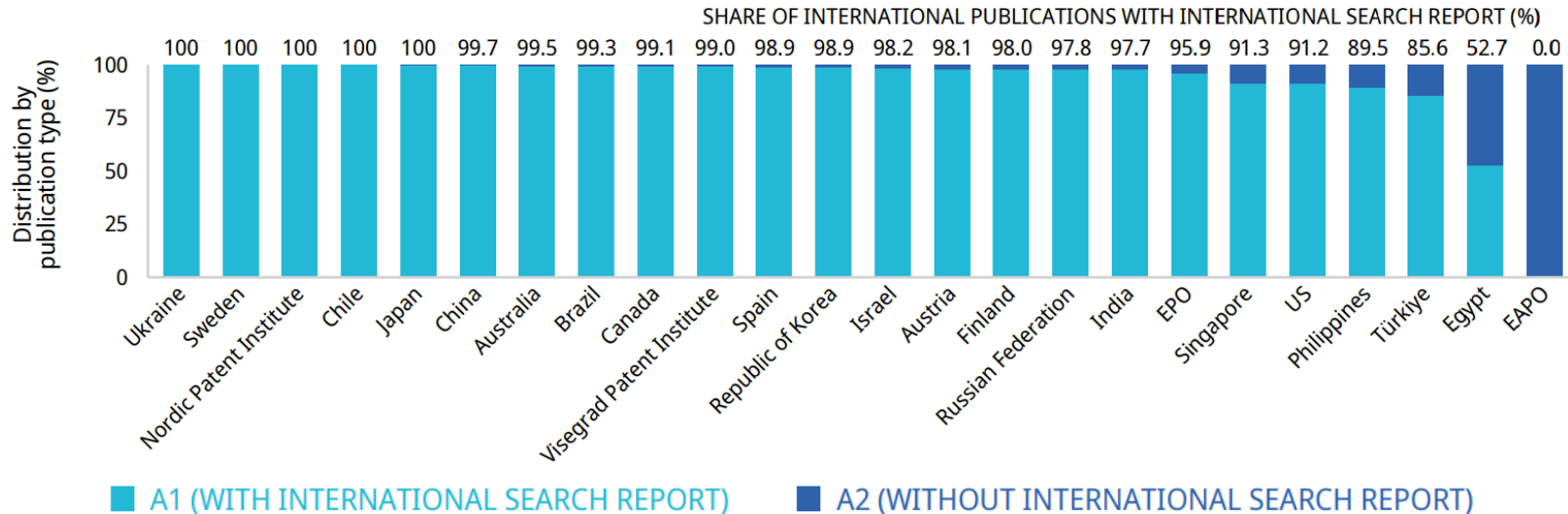
Timeliness in Transmitting ISRs to the IB measured from Priority Date by ISA for 2022



At 19 ISAs, more than 90% of international search reports required to be transmitted to the International Bureau within 9 months of the priority date met the deadline

In 2021, 81.6 % of all ISRs were transmitted within 9 months of the priority date

PCT A1 Publication Percentage by ISA in 2022



The International Bureau published more than 90% of PCT applications together with an ISR for 20 of the 24 ISAs

Overall, in 2022, 97.6 % of published IAs were A1 publications (slightly down from 97.9 % in 2021)

Supplementary International Search Requests

	2015	2016	2017	2018	2019	2020	2021	2022	2023 (until 09-23)
Austria	2		1	1	2	2	1		(3)
European Patent Office	40	44	40	54	94	50	48	48	(22)
Nordic Patent Institute					2	1	1		
Russian Federation	22	3	6		3	1	3		
Singapore		1		3	4	2		3	
Sweden				3	1	1	1	1	(1)
Turkey				1	2	1			
Ukraine			2	1	4	1		1	
Visegrad Patent Institute					2	1			
Total	64	48	49	63	114	60	54	53	(26)

Number of IPRPs issued by IPEA

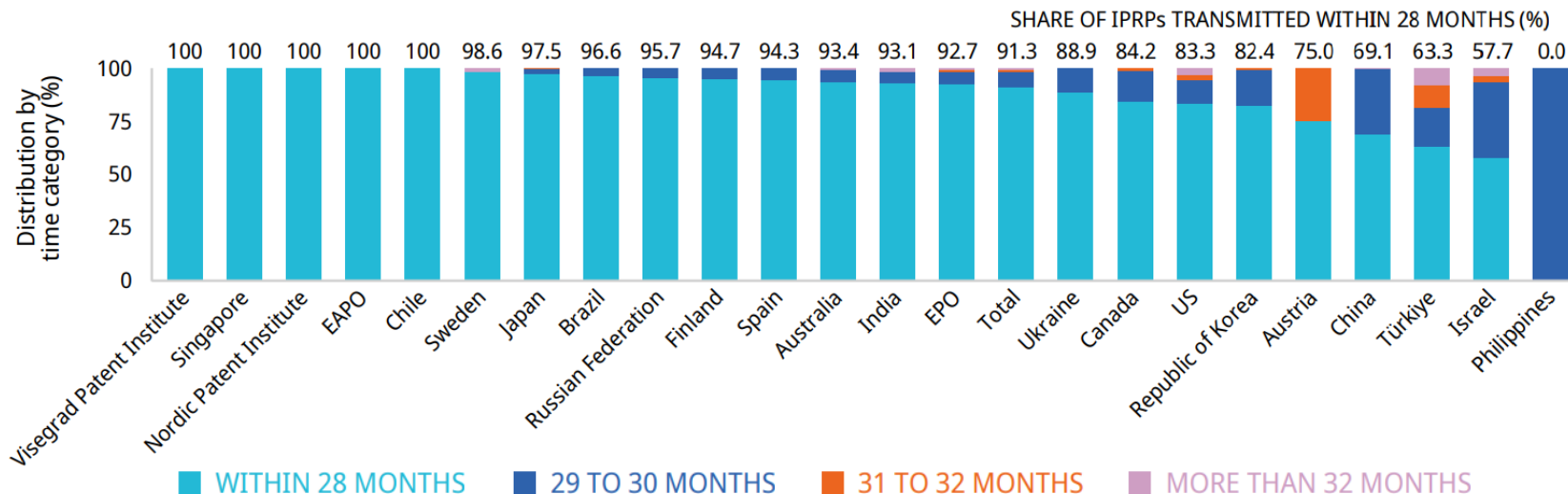
International Preliminary Examining Authority	Year			2022 share (%)	Change from 2021 (%)
	2020	2021	2022		
Australia	484	505	425	4.7	-15.8
Austria	8	11	4	0.0	-63.6
Brazil	72	80	87	1.0	8.7
Canada	172	173	146	1.6	-15.6
Chile	10	12	17	0.2	41.7
China	418	412	372	4.1	-9.7
Egypt	6	2	0	0.0	-100.0
Eurasian Patent Organization			1	0.0	n.a.
European Patent Office	5,399	5,303	5,201	58.0	-1.9
Finland	63	39	38	0.4	-2.6
India	67	67	58	0.6	-13.4
Israel	76	76	77	0.9	1.3
Japan	1,815	1,562	1,399	15.6	-10.4
Nordic Patent Institute	36	33	33	0.4	0.0
Philippines			1	0.0	n.a.
Republic of Korea	105	133	108	1.2	-18.8
Russian Federation	36	58	46	0.5	-20.7
Singapore	91	109	81	0.9	-25.7
Spain	63	50	53	0.6	6.0
Sweden	77	74	69	0.8	-6.8
Türkiye	46	57	53	0.6	-7.0
Ukraine	8	7	9	0.1	28.6
United States of America	1,033	965	687	7.7	-28.8
Visegrad Patent Institute	5	5	1	0.0	-80.0
Total	10,090	9,733	8,966	100.0	-7.9

Steady decline over the last few years

EPO and Japan issue 74% of all Chapter II IPRPs

Source : PCT Yearly Review 2023 (Data for 2022 may be incomplete)

Timeliness in transmitting IPRPs by IPEA in 2022



19 Offices transmitted at least 80% of IPRPs to the International Bureau within 28 months of the priority date

On average, 87.3 % of all IPRPs were transmitted within 28 months in 2021

Timeliness calculated as time elapsed between priority date and date on which International Bureau received IPRP from IPEA

Source: WIPO statistics database. March 2023

Distribution of PCT-PPH requests by Office of earlier and later examination

Office of later examination (OLE)	Office of earlier examination (OEE)	EPO	Japan	US	China	Republic of Korea	Canada	Israel	Australia	Singapore	Spain	Sweden	Russian Federation	Finland	Brazil	Others	Total
US		1243	306	912	700	207	103	57	40	42	2	20	17	7	1	17	3674
Japan		473	1177	83	149	45	13	5	7	16	5	3	0	1	0	3	1980
China		592	323	171	0	84	14	7	0	16	0	13	8	5	0	0	1233
EPO		0	151	162	123	48	28	12	14	1	0	0	5	0	0	0	544
Republic of Korea		138	100	92	65	59	5	7	0	18	0	0	0	1	0	10	495
Canada		158	17	101	22	19	76	9	9	1	1	3	0	1	0	0	417
Australia		140	25	171	0	25	8	3	0	1	0	0	2	0	0	7	382
Mexico		48	24	28	20	0	2	0	0	0	35	0	0	0	0	0	157
Philippines		0	83	39	0	7	0	0	0	0	0	0	0	0	0	0	129
Israel		53	4	24	6	2	0	20	0	1	0	0	0	0	0	1	111
Brazil		51	10	25	2	2	0	0	0	1	0	0	0	0	8	0	99
Colombia		24	3	58	0	2	3	1	1	0	2	0	0	0	0	2	96
Singapore		36	19	7	9	3	0	2	5	0	0	1	0	0	0	1	83
New Zealand		0	6	23	0	0	2	1	20	0	0	0	1	0	0	2	55
Russian Federation		12	11	6	17	1	0	0	2	0	1	0	1	0	0	0	51
UK		0	7	11	6	0	2	0	2	0	0	0	0	0	0	2	30
Eurasian Patent Organization		14	0	0	0	1	0	0	0	0	0	0	0	0	0	0	15
Others		0	3	6	1	0	0	1	3	0	0	1	0	0	0	0	15
Total		2982	2269	1919	1120	505	256	125	103	97	46	41	34	15	9	45	9566

US and Japan are the main Offices of Later Examination (> 50 % of the global volume of PPH requests)

Further information:

2023 PCT Yearly Review

The International Patent System

WIPO Publication No. 901EN/2023

WIPO IP Statistics Data Center

<http://www.wipo.int/ipstats/en/>