



WIPO | PCT

The International
Patent System



PCT Statistics

Meeting of International Authorities

Twenty-Fifth Session

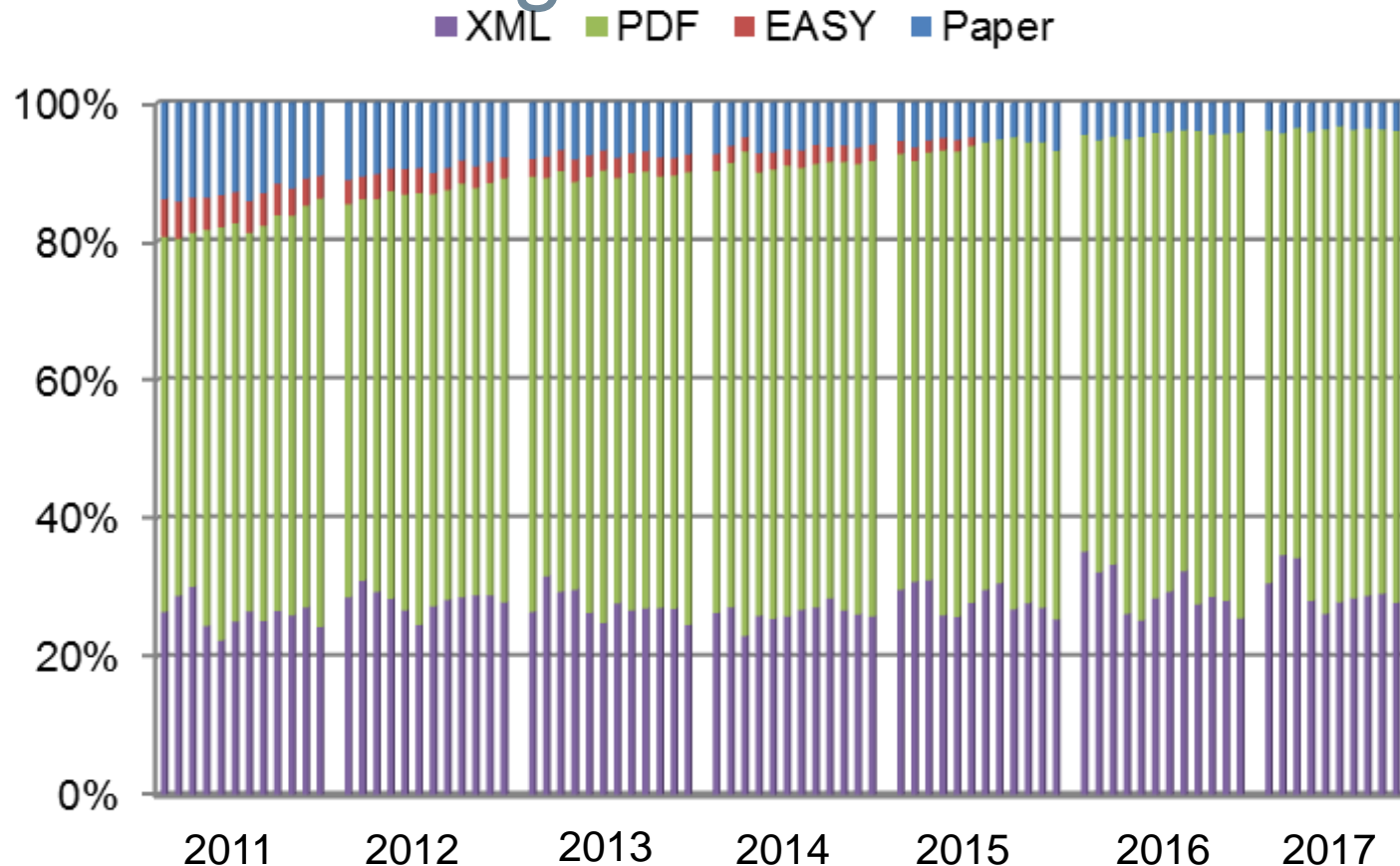
Madrid

February 21 to 23, 2018

Outline

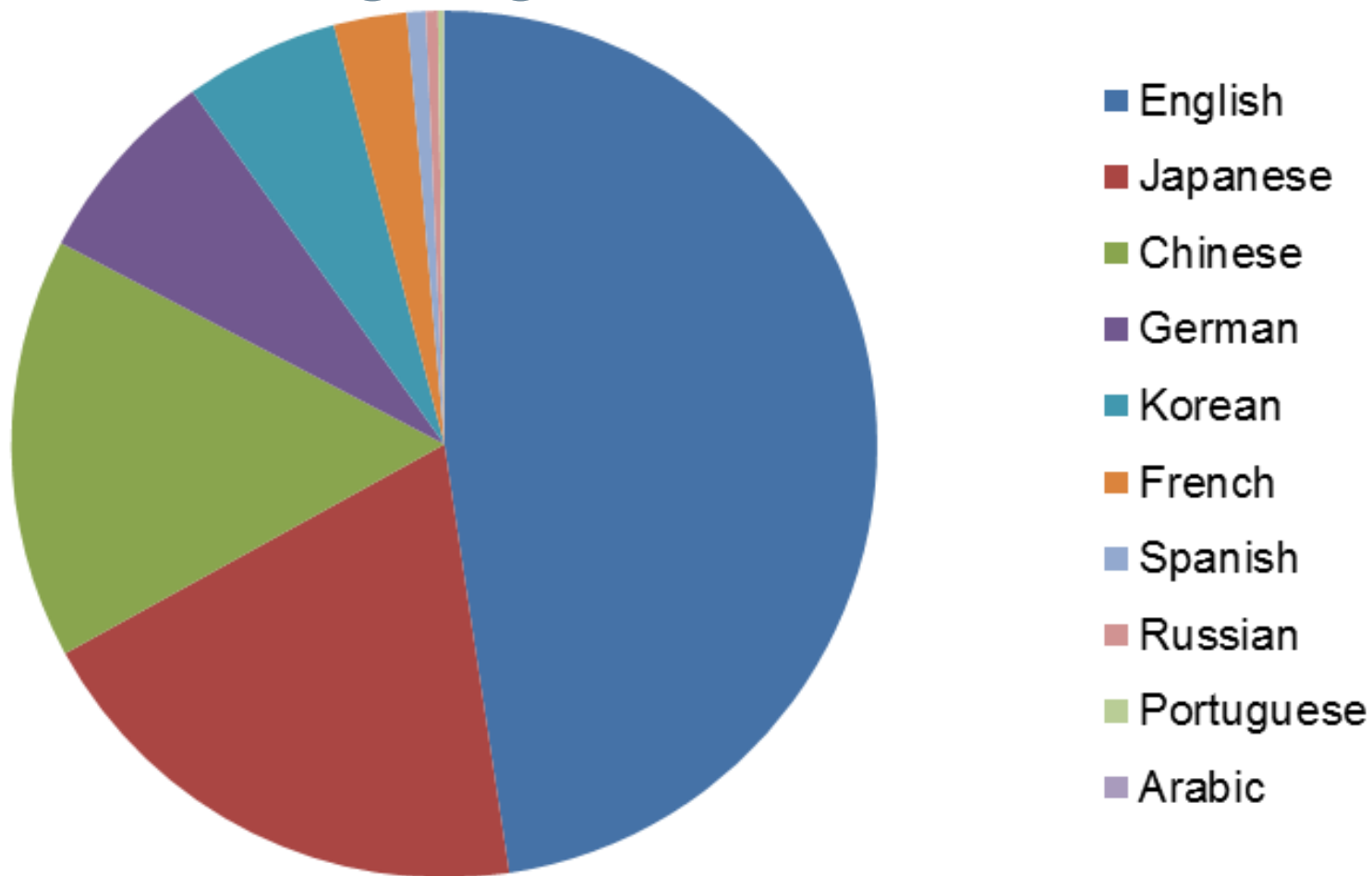
- International Applications Filed
 - Overall Trends and Forecasts
 - Medium of Filing
 - Languages
- National Phase Entries
- International Authorities
 - International Search
 - Supplementary International Search
 - International Preliminary Examination

Medium of Filing



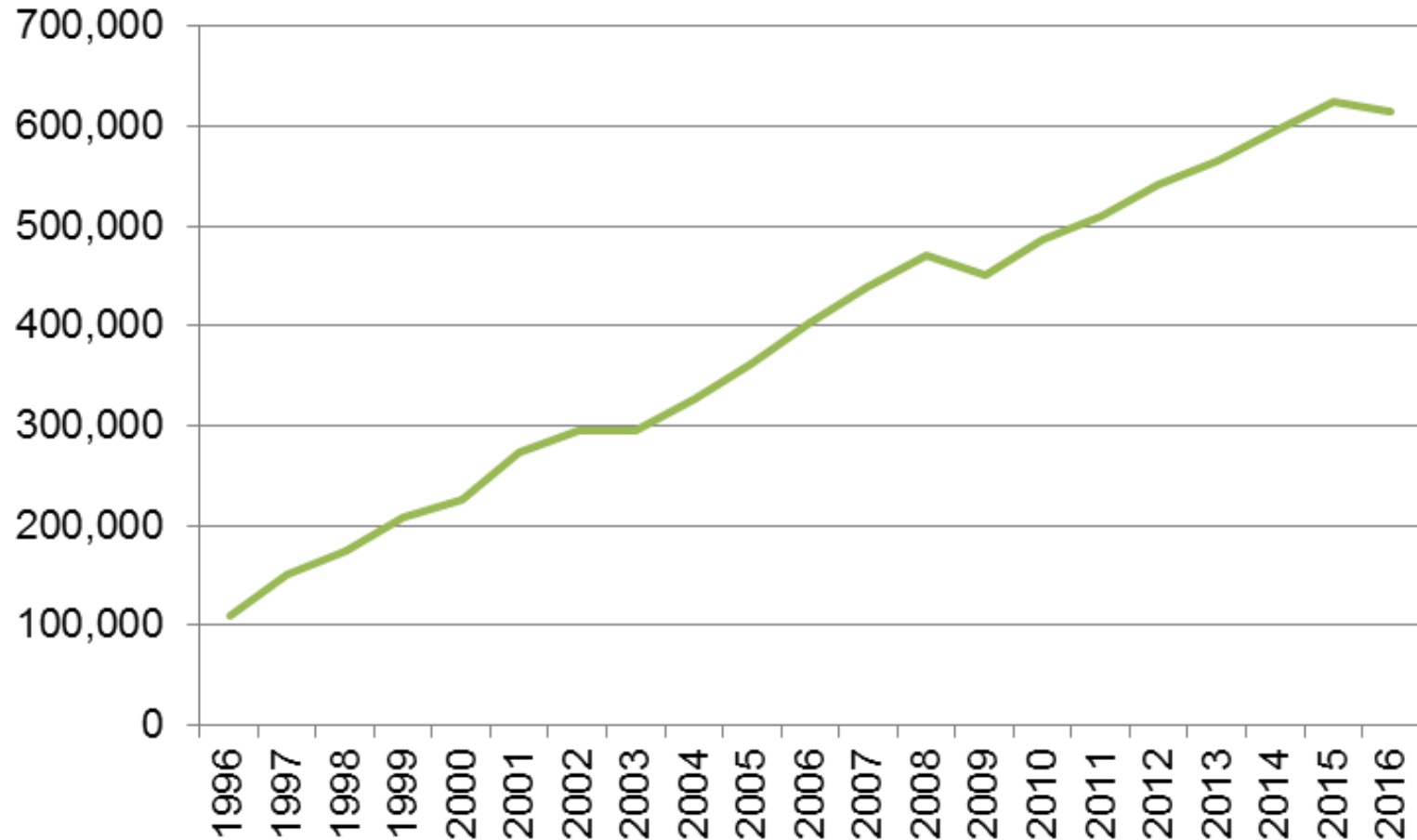
- Distribution in 2017 – 2016 distribution in parenthesis:
3.8% paper (4.5%),
96.2% (95.4%) fully electronic [PDF 66.6% (66.3%),
XML 29.6% (29.2%)]

Publication Languages in 2017



2017 is the first year where less than half of PCT applications published were in English

PCT National Phase Entries



615,400 total national phase entries in 2016 (-1.42%)

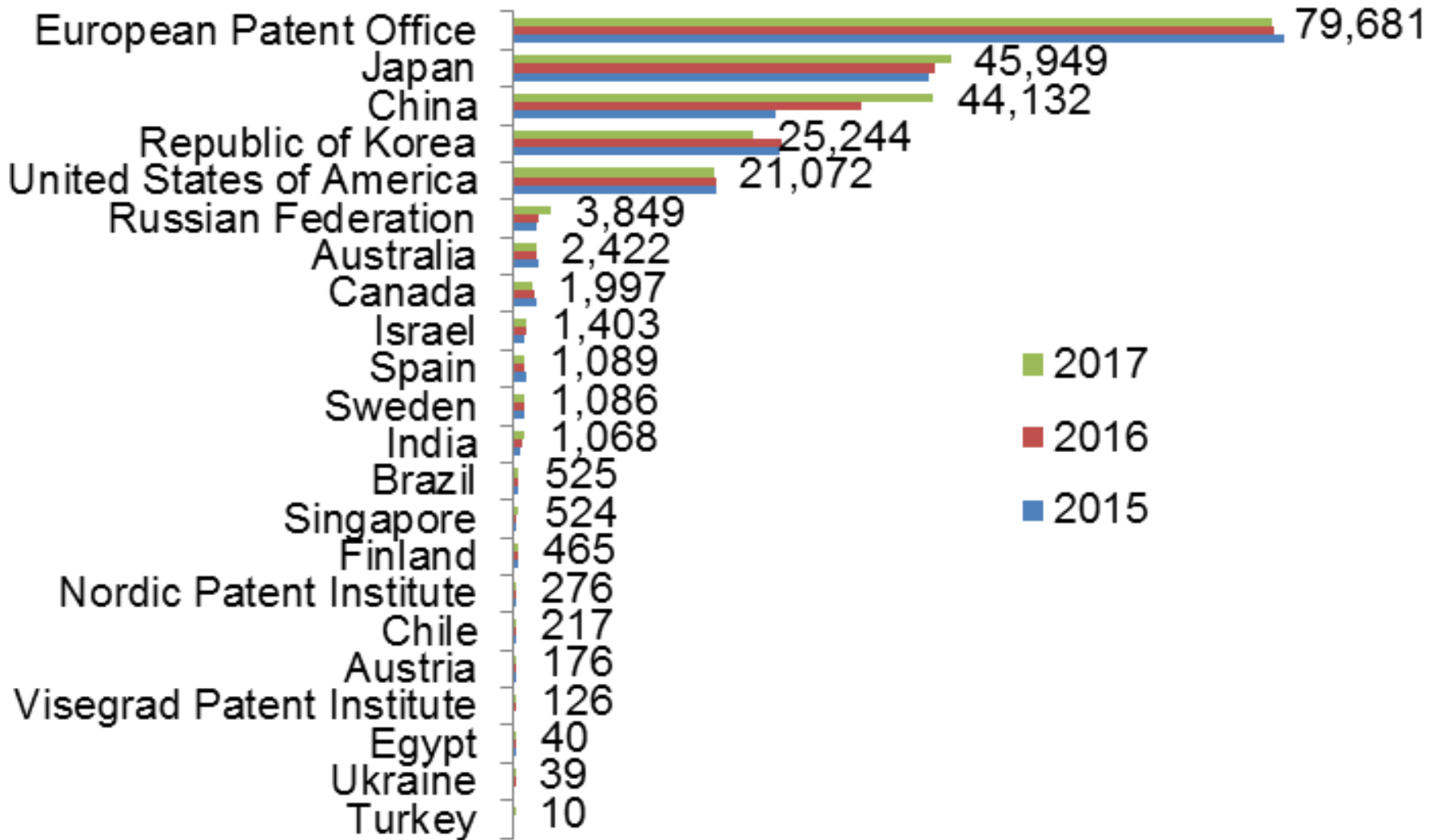
512,200 non-resident national phase entries in 2016 (-2.7%)

56.2% of all non-resident patent applications (57.6% in 2015)

International Authorities

- International Search Reports
 - Distribution by International Authority
 - Timeliness of Transmission to International Bureau
- Supplementary International Search Reports
- International Preliminary Examination Reports
 - Demand
 - Distribution by International Authority
 - Timeliness of Transmission to International Bureau

Distribution of ISRs established by ISA

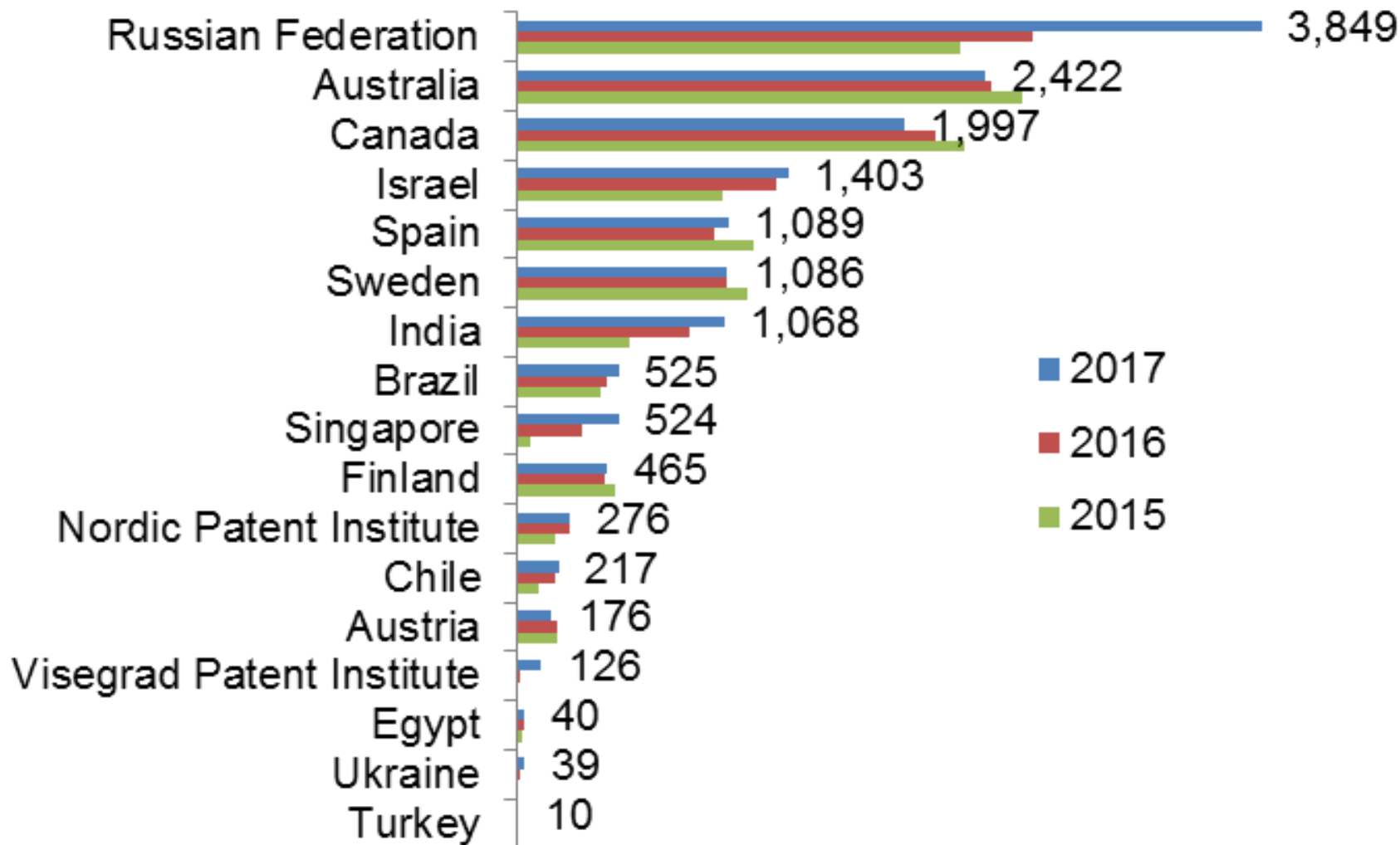


Data based on international filing year of application

Data for 2017 are incomplete

Source: WIPO statistics database. February 2018

Distribution of ISRs established by ISA (excluding IP5 Offices)

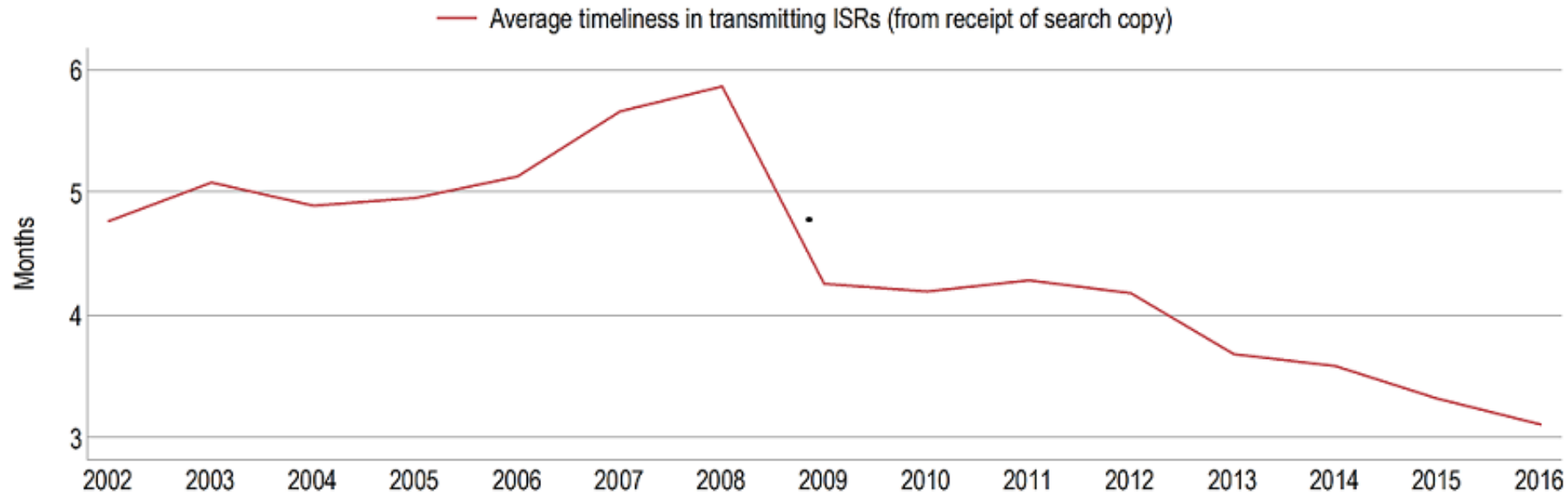


Data based on international filing year of application

Data for 2017 are incomplete

Source: WIPO statistics database. February 2018

Average Timeliness in transmitting ISRs to the IB from Date of Receipt of Search Copy

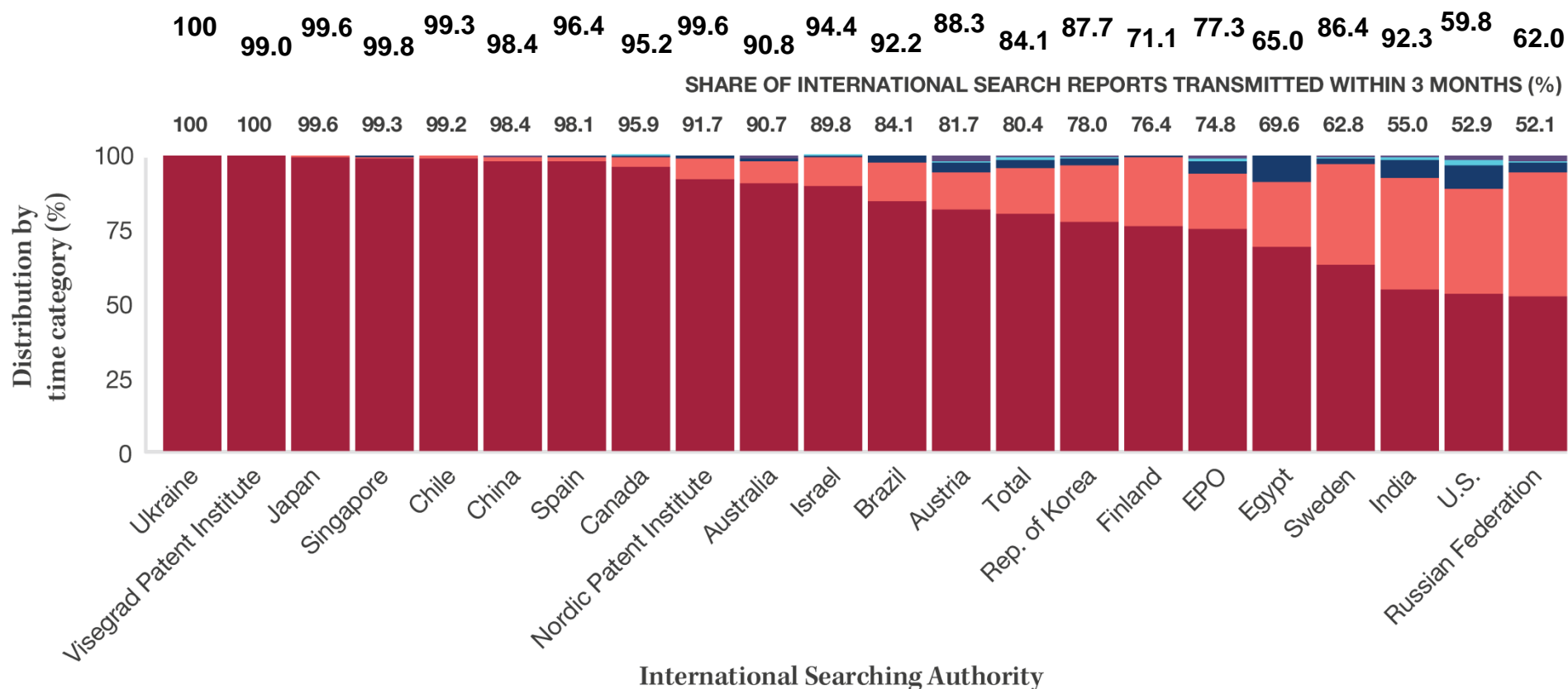


Source: WIPO statistics database, April 2017 and February 2018. Excludes cases where the time limit of 9 months from the priority date applies.

- Average timeliness in transmitting ISRs to the IB was 3.1 months in 2016 - shortest time since 2001
- 80.4% of PCT applications transmitted to IB within 3 months from date of receipt of search copy in 2016 – expected to rise to about 84% for 2017

Timeliness in Transmitting ISRs to the IB measured from Date of Receipt of Search Copy by ISA for 2016

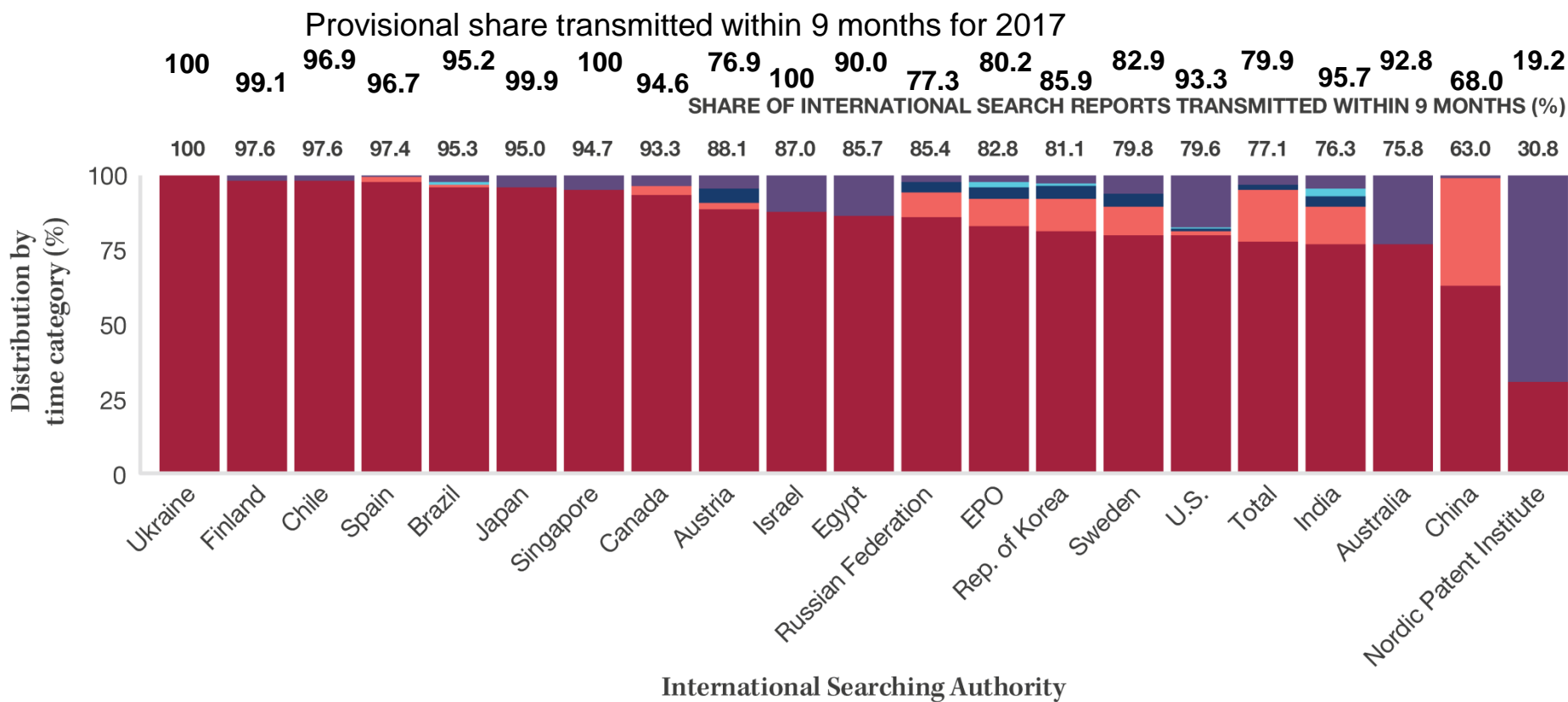
Provisional share transmitted within 3 months for 2017



■ WITHIN 3 MONTHS
 ■ BETWEEN 4 AND 5 MONTHS
 ■ BETWEEN 6 AND 7 MONTHS
 ■ BETWEEN 8 AND 9 MONTHS
■ MORE THAN 9 MONTHS

Source: WIPO statistics database, April 2017 and February 2018. Excludes cases where the time limit of 9 months from the priority date applies.

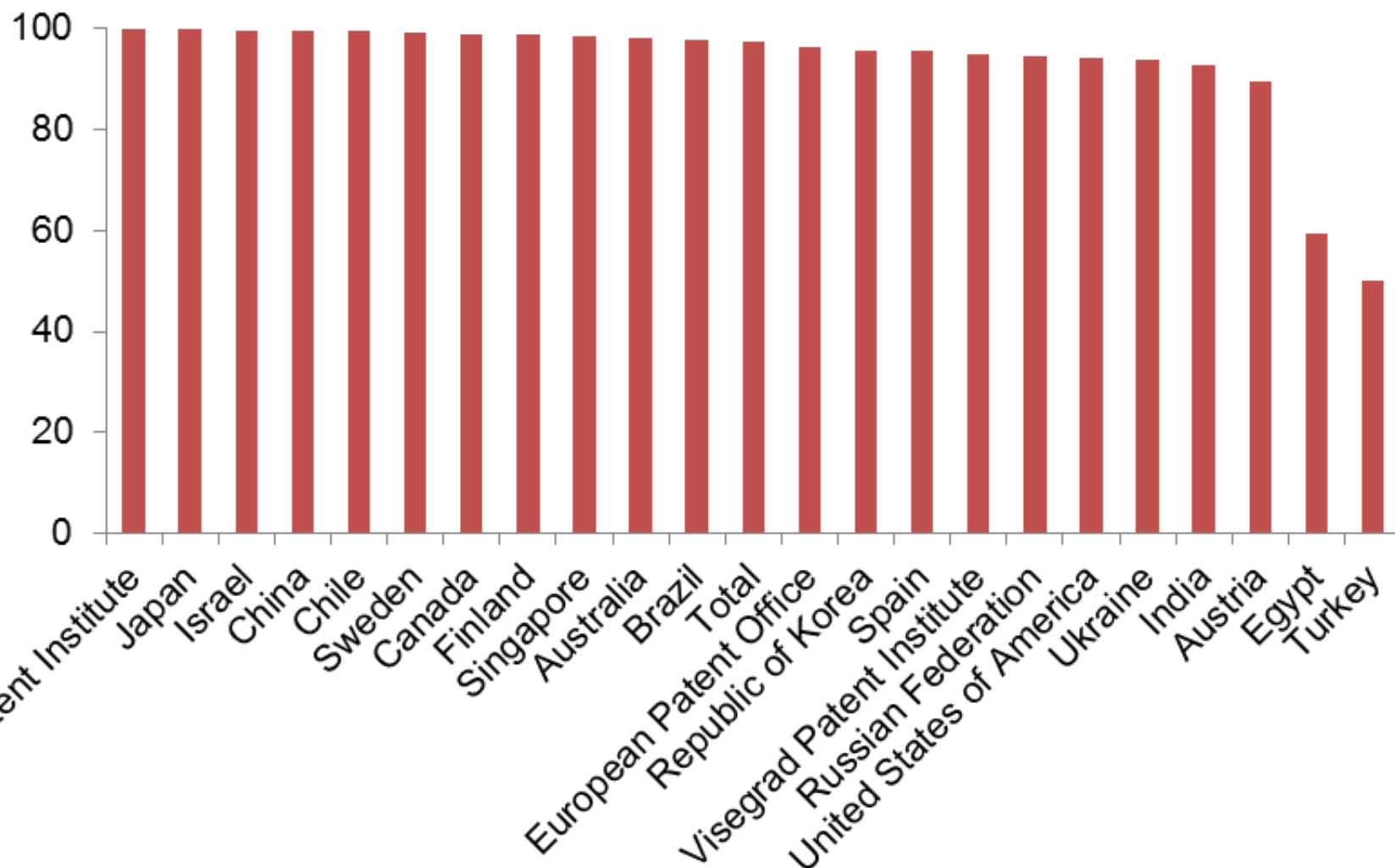
Timeliness in Transmitting ISRs to the IB measured from Priority Date by ISA for 2016



■ WITHIN 9 MONTHS
 ■ WITHIN THE 10TH MONTH
 ■ WITHIN THE 11TH MONTH
 ■ WITHIN THE 12TH MONTH
■ MORE THAN 12 MONTHS

77.1% of applications transmitted to IB within 9 months from priority date in 2016
 – expected to rise to nearly 80% in 2017

PCT A1 Publication Percentage by ISA in 2017



Overall Percentage of A1 International Publications = 97.4%
(96.2% in 2016)

Supplementary International Search Requests

	2012	2013	2014	2015	2016	2017
Total	46	67	109	64	48	49
Austria	2	2	2	2		1
European Patent Office	21	30	61	40	44	40
Finland	1					
Nordic Patent Institute	3					
Russian Federation	19	32	46	22	3	6
Singapore					1	
Sweden		3				
Ukraine						2

Source: WIPO statistics database February 2018

International Preliminary Examination Demands

IPEA	2011	2012	2013	2014	2015	2016	2017	2017 (%)	2016 (%)
Total	13747	14257	13360	14116	14483	14031	12898		
Australia	780	753	644	632	635	570	586	4.54	4.06
Austria	17	14	18	10	3	9	4	0.03	0.06
Brazil	38	43	41	52	44	47	45	0.35	0.33
Canada	270	253	266	252	278	213	174	1.35	1.52
Chile					2	6	19	0.15	0.04
China	422	475	385	375	389	342	367	2.85	2.44
Egypt				3	2		1	0.01	0.00
European Patent Office	7396	7763	7747	8340	8680	8935	7891	61.18	63.68
Finland	125	106	91	105	77	70	75	0.58	0.50
India				6	23	27	40	0.31	0.19
Israel		1	29	54	87	84	90	0.70	0.60
Japan	2446	2661	2291	2251	2119	2001	1989	15.42	14.26
Nordic Patent Institute	40	44	33	42	55	28	28	0.22	0.20
Republic of Korea	223	299	253	236	207	178	160	1.24	1.27
Russian Federation	83	118	78	73	76	66	57	0.44	0.47
Singapore						58	111	0.86	0.41
Spain	120	84	81	82	65	50	54	0.42	0.36
Sweden	343	330	223	291	256	169	130	1.01	1.20
Turkey							4	0.03	0.00
Ukraine						3	5	0.04	0.02
United States of America	1444	1313	1180	1312	1485	1175	1064	8.25	8.37
Visegrad Patent Institute							4	0.03	0.00

2017 figures are incomplete

Source: WIPO statistics database February 2018

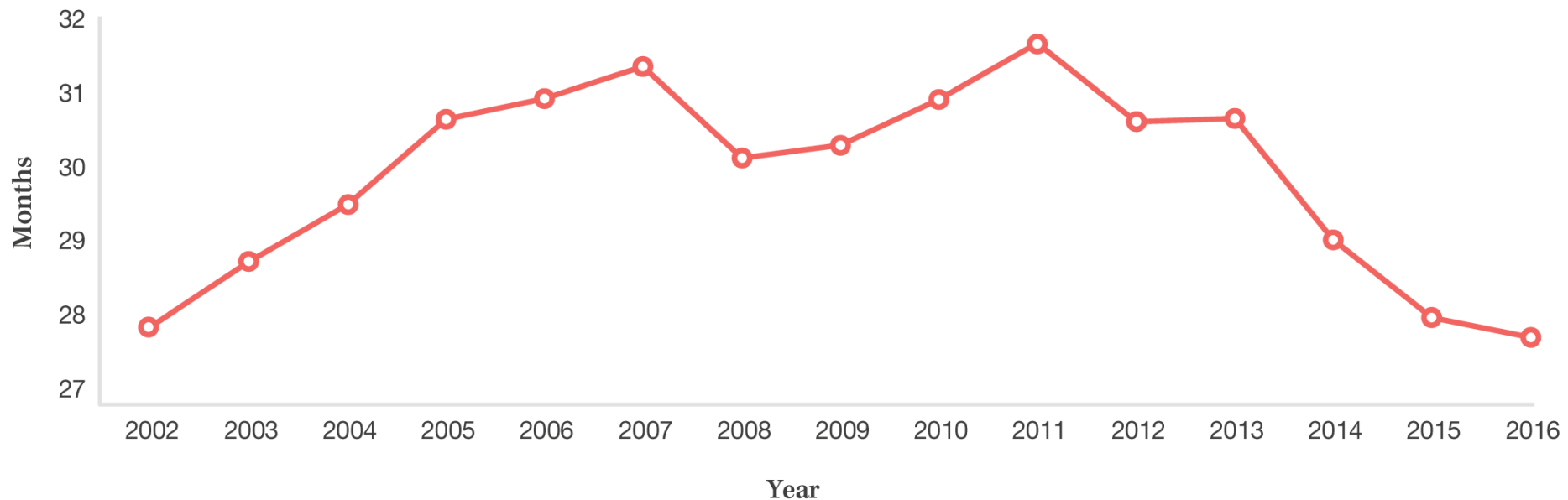
International Preliminary Examination Reports

IPEA	2011	2012	2013	2014	2015	2016	2017	2017 (%)	2016 (%)
Total	15090	15719	14693	13733	15628	14363	13295		
Australia	701	818	653	640	617	599	548	4.12	4.17
Austria	28	14	28	16	6	5	8	0.06	0.03
Brazil	15	45	47	48	43	47	51	0.38	0.33
Canada	184	360	255	249	290	231	215	1.62	1.61
Chile						5	8	0.06	0.03
China	340	450	433	335	419	381	318	2.39	2.65
Egypt				1	4		1	0.01	0.00
European Patent Office	7177	7745	7305	7639	9055	9078	8396	63.15	63.20
Finland	122	115	91	104	104	60	76	0.57	0.42
India					6	25	28	0.21	0.17
Israel			9	40	79	80	96	0.72	0.56
Japan	2206	2741	2470	2232	2478	2019	1945	14.63	14.06
Nordic Patent Institute	40	37	48	41	45	32	33	0.25	0.22
Republic of Korea	248	254	253	259	239	209	163	1.23	1.46
Russian Federation	67	76	123	93	68	71	51	0.38	0.49
Singapore						26	106	0.80	0.18
Spain	148	106	85	76	66	60	46	0.35	0.42
Sweden	356	332	249	251	295	206	132	0.99	1.43
Ukraine							4	0.03	0.00
United States of America	3458	2626	2644	1709	1814	1229	1067	8.03	8.56
Visegrad Patent Institute							3	0.02	0.00

2017 figures are incomplete

Source: WIPO statistics database. February 2018

Average Timeliness in transmitting IPRPs

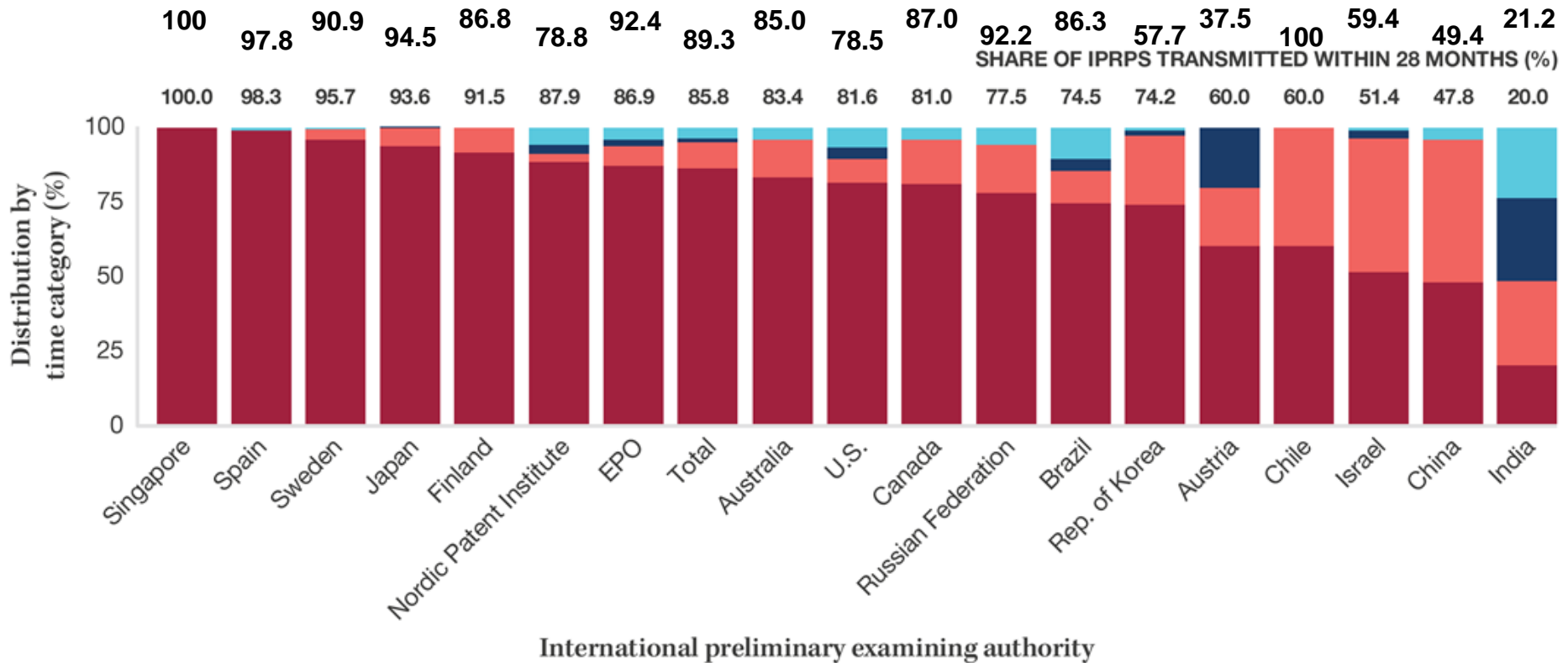


AVERAGE TIMELINESS IN TRANSMITTING INTERNATIONAL PRELIMINARY REPORTS ON PATENTABILITY (FROM PRIORITY DATE)

- Average time in transmitting IPRPs fell to 27.6 months in 2016
- 85.8% of all IPRPs were transmitted to the IB within 28 months of priority date in 2016 (expected to rise to about 89% for 2017)

Timeliness in Transmitting IPRPs by IPEA in 2016

Provisional share transmitted within 28 months for 2017



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

Further information:

2017 PCT Yearly Review

The International Patent System

WIPO Publication No. 901E/2017

2017 World Intellectual Property Indicators

WIPO Publication No. 941E/2017

WIPO IP Statistics Data Center

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