



Trends in Patent Applications

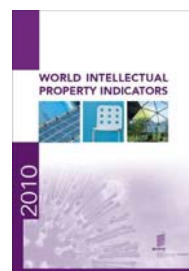
DIP–JPO–WIPO

Sub Regional Forum

Bangkok
4-5 October
2010

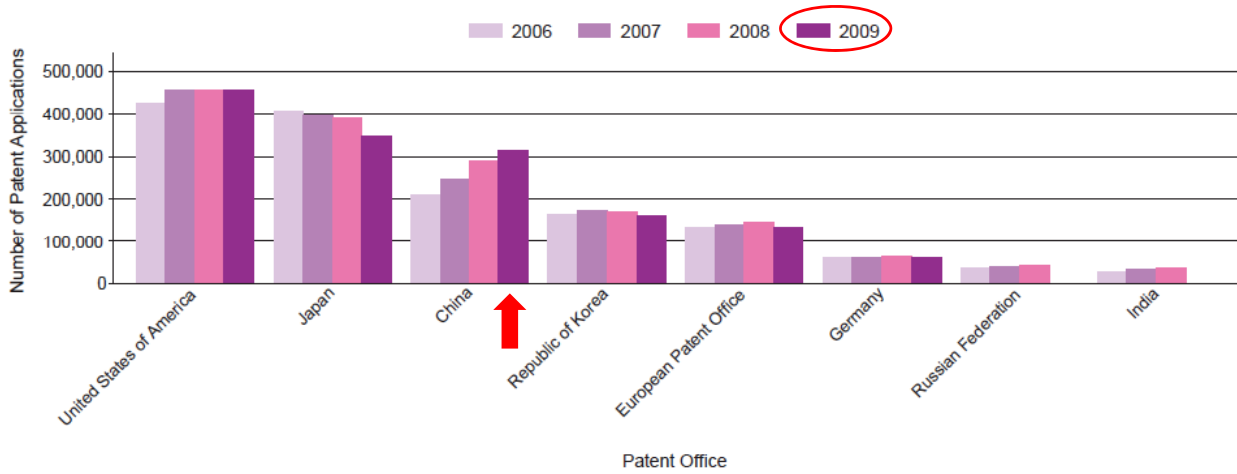
World Intellectual Property Indicators

- Edition 2010 recently published



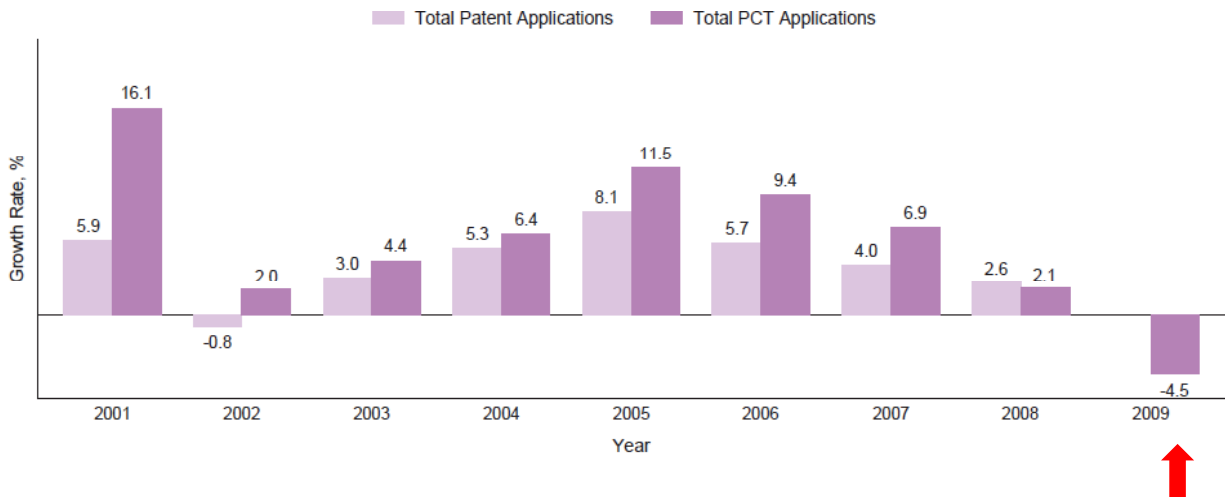
- Data based on WIPO Statistics Database and EPO's patstat database
- Statistical data downloadable at www.wipo.int/ipstats/en
- Data collected by WIPO's annual survey through questionnaires:
www.wipo.int/ipstats/en/data_collection/questionnaire
- 2008 data for 80 offices; estimated for additional 30 offices

Patent Applications 2006-2009

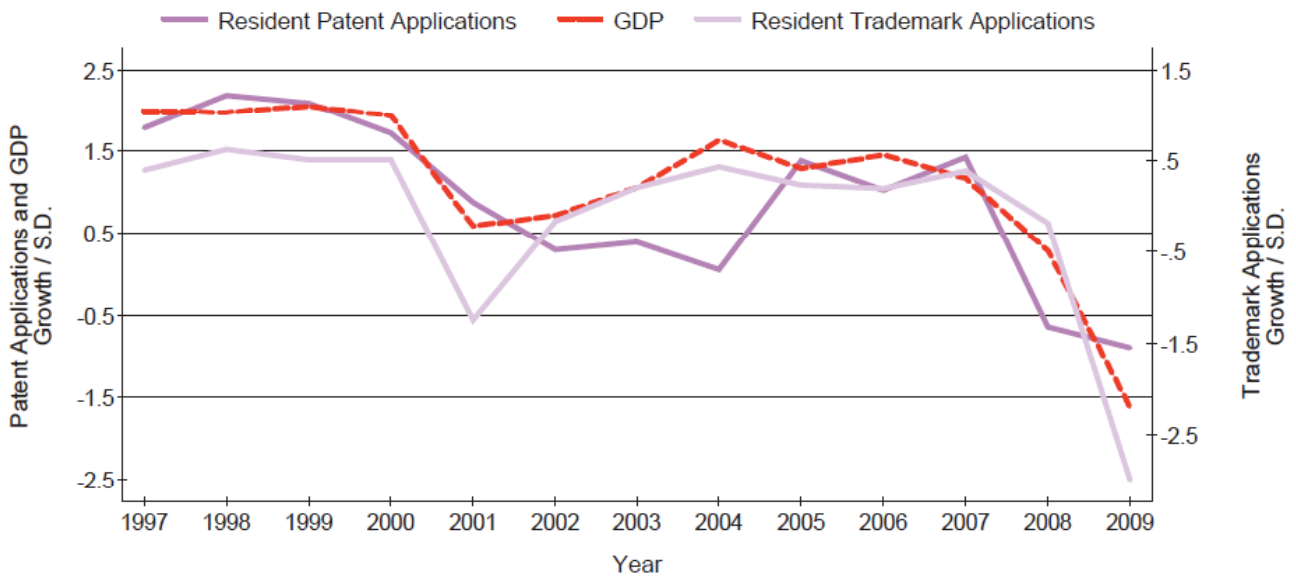


EPO: First ever decline in 2009 (7.9%)
 JPO: Largest decline in recent history (10.8%)

Patent Application growth rates

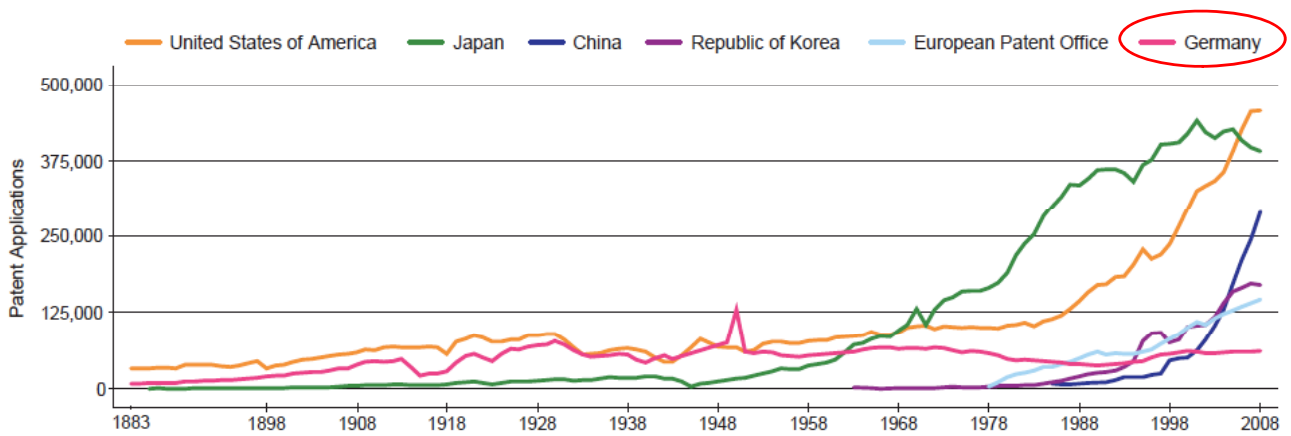


GDP, Patent and TM application growth



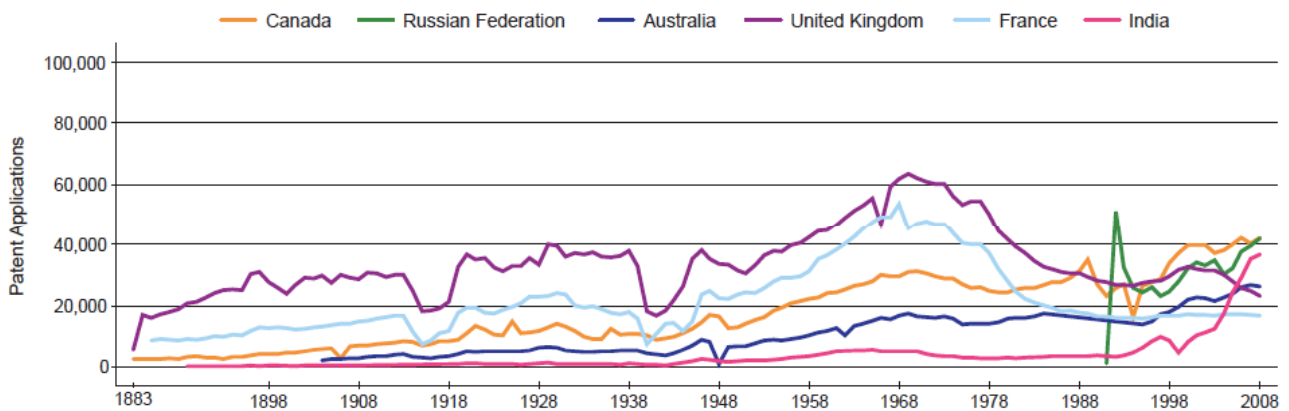
3

Patent applications: US, JP, CN, KR, EP, DE



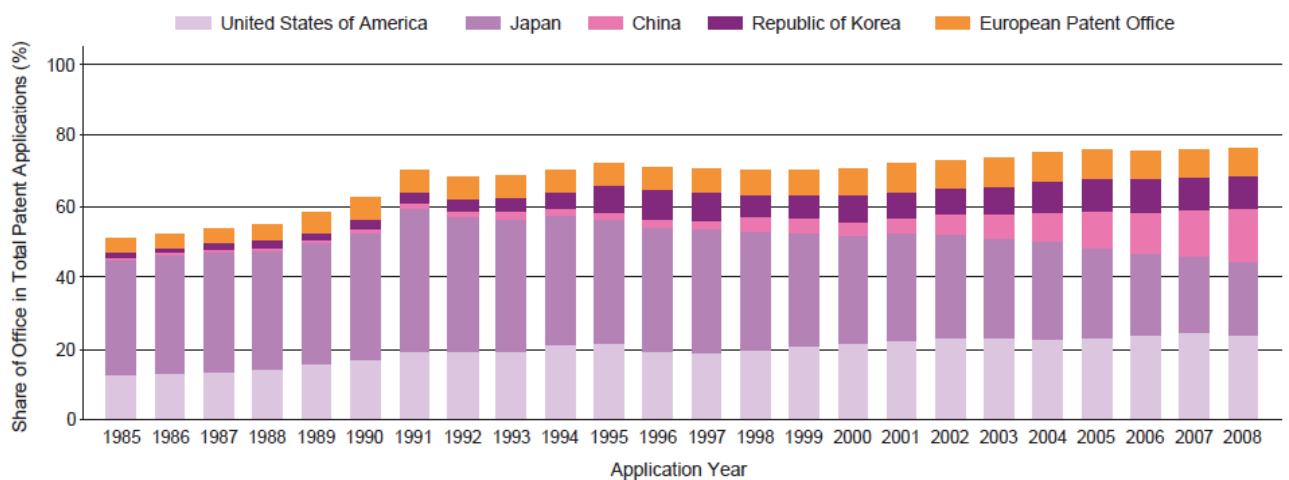
A.2.1a

Patent applications: CA, RU, AU, GB, FR, IN



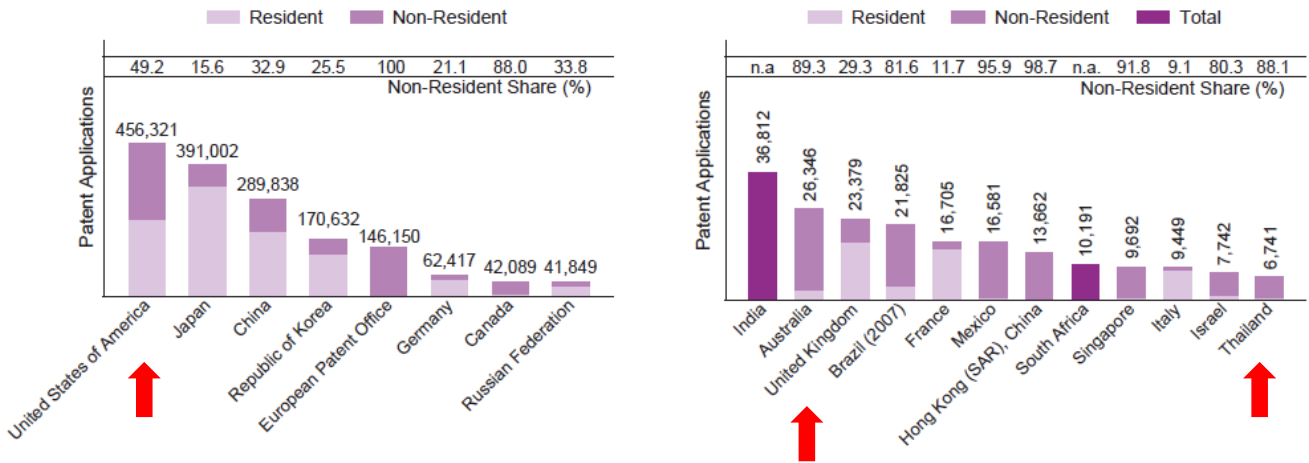
A.2.1a

Share of IP5



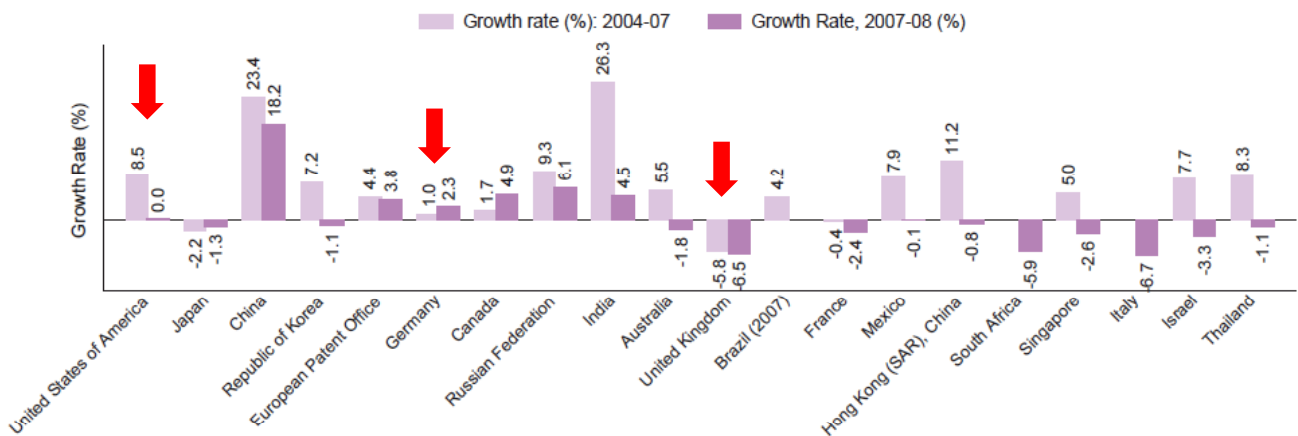
A.2.1b

Patent applications of top 20 IPOs, 2008



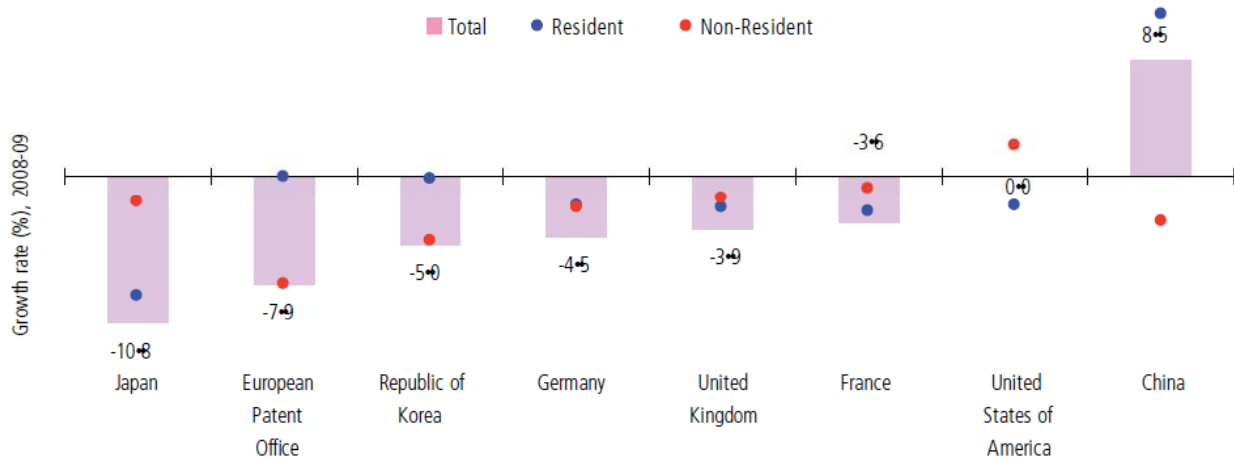
A.2.3a

Growth rate top 20 IPOs 2004/7 & 2007/8



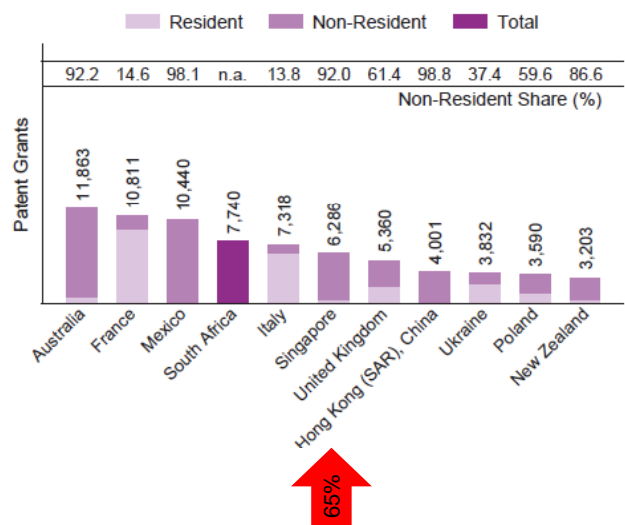
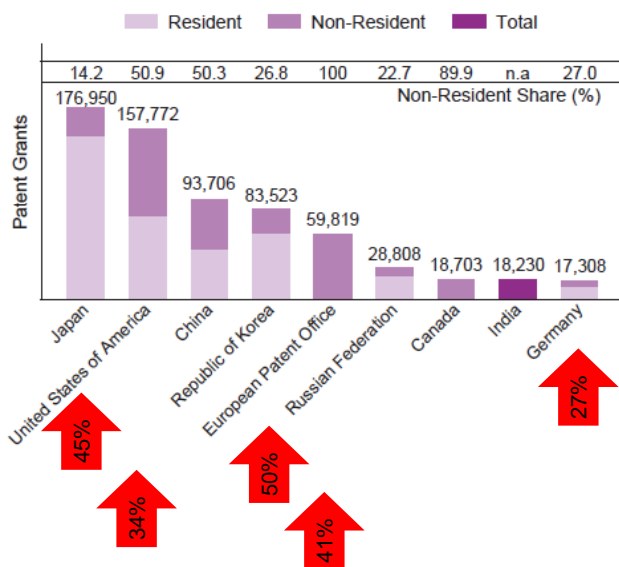
A.4.1.b

Source of change in filings, 2008-9



10

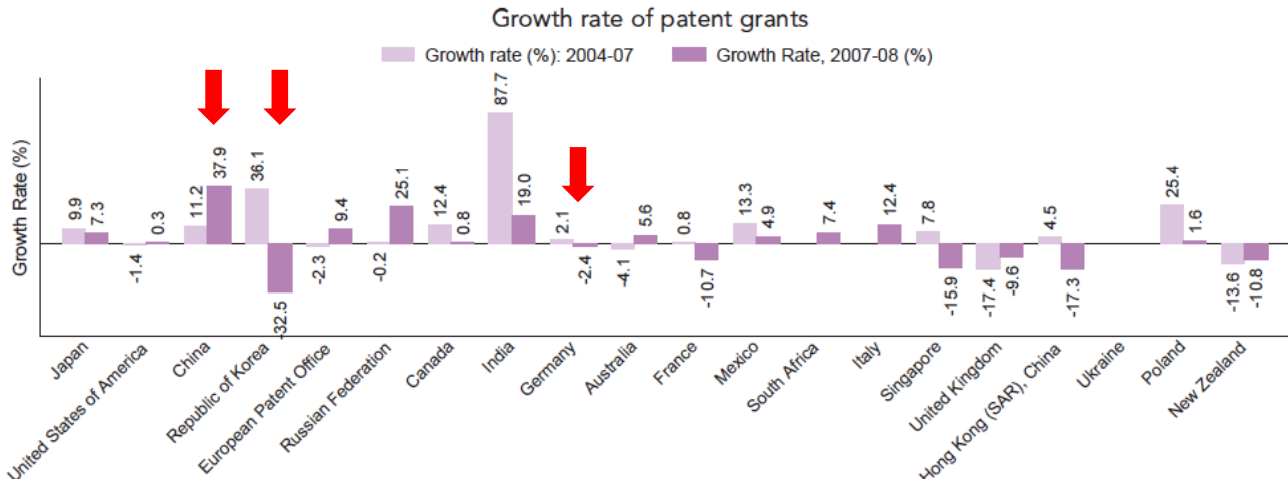
Patent grants of top 20 IPOs in 2008



US: Granted for first time more patents to non-residents

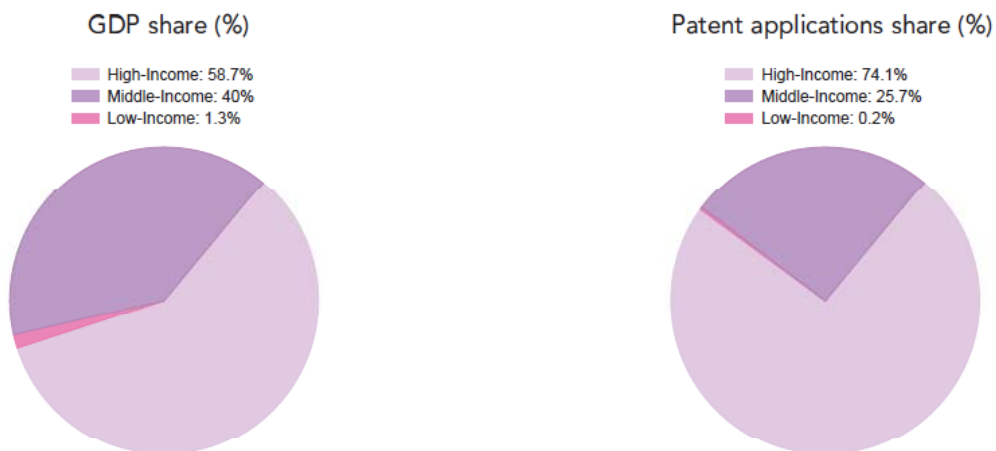
A.2.4

Grant growth rate top 20 IPOs 2004/7 and 2007/8



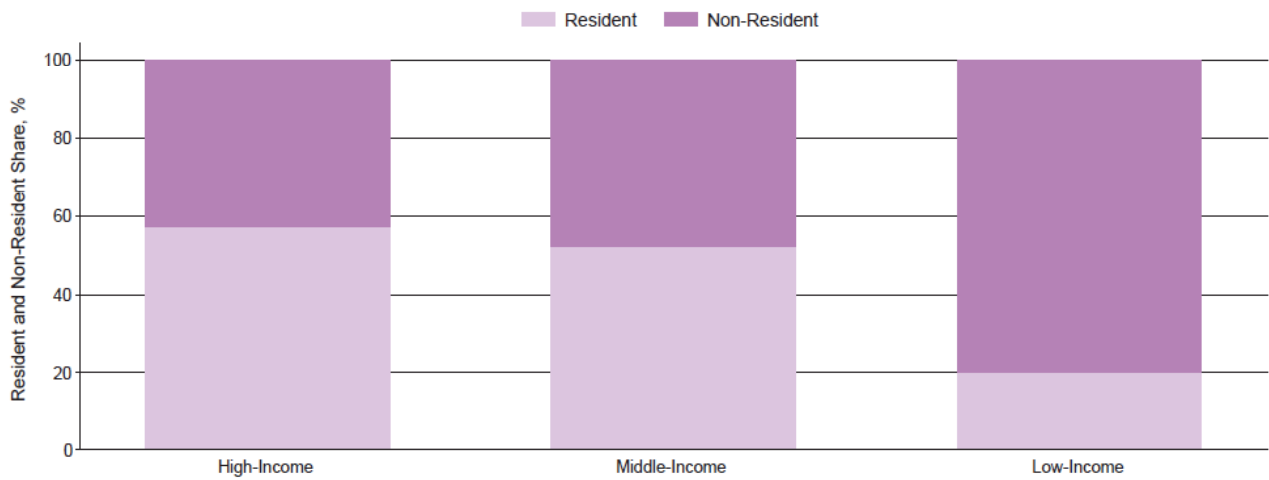
A.2.4

GDP & Patent applications share 2008



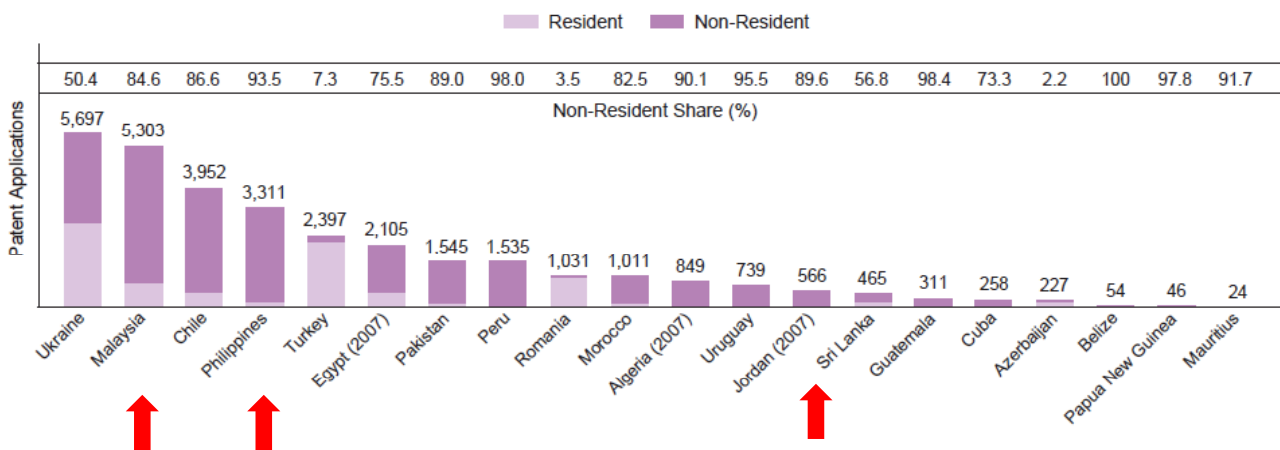
A.2.3b

Resident & non-resident applications



A.2.3b

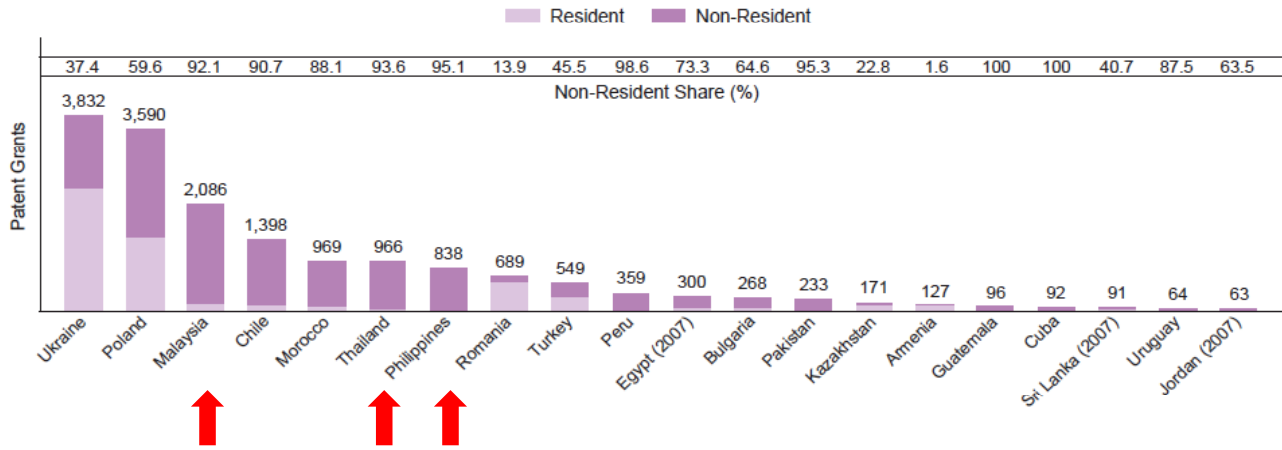
Applications middle income economies, 2008



A.2.5a

Grants

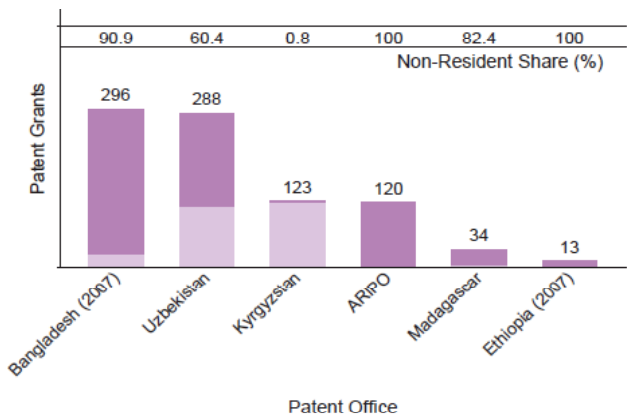
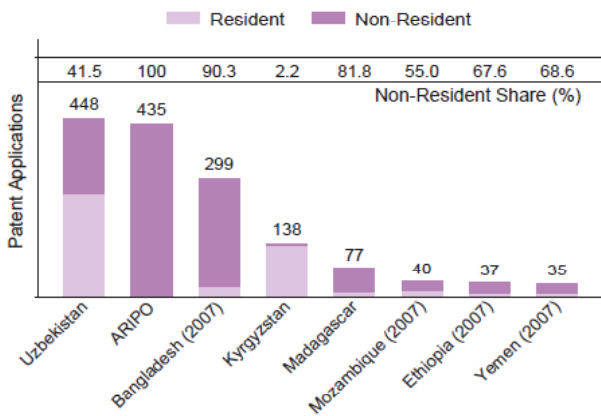
middle income economies, 2008



A.2.5a

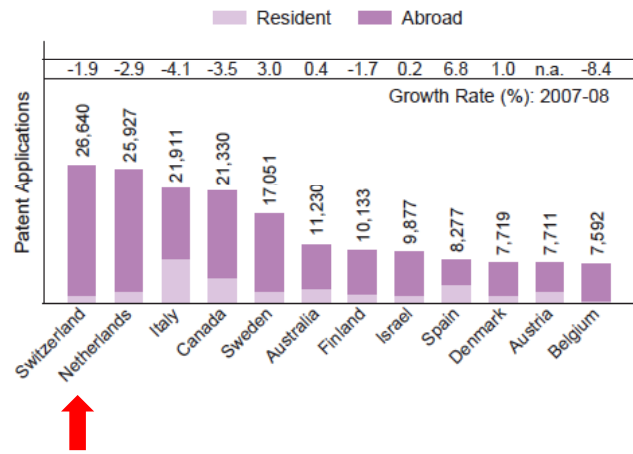
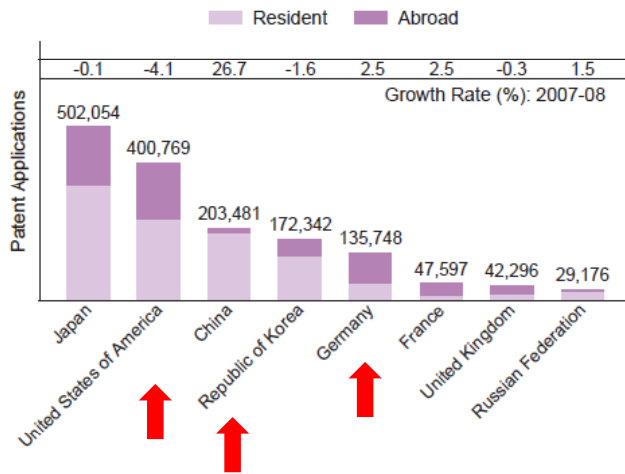
Application & Grants

low income economies 2008



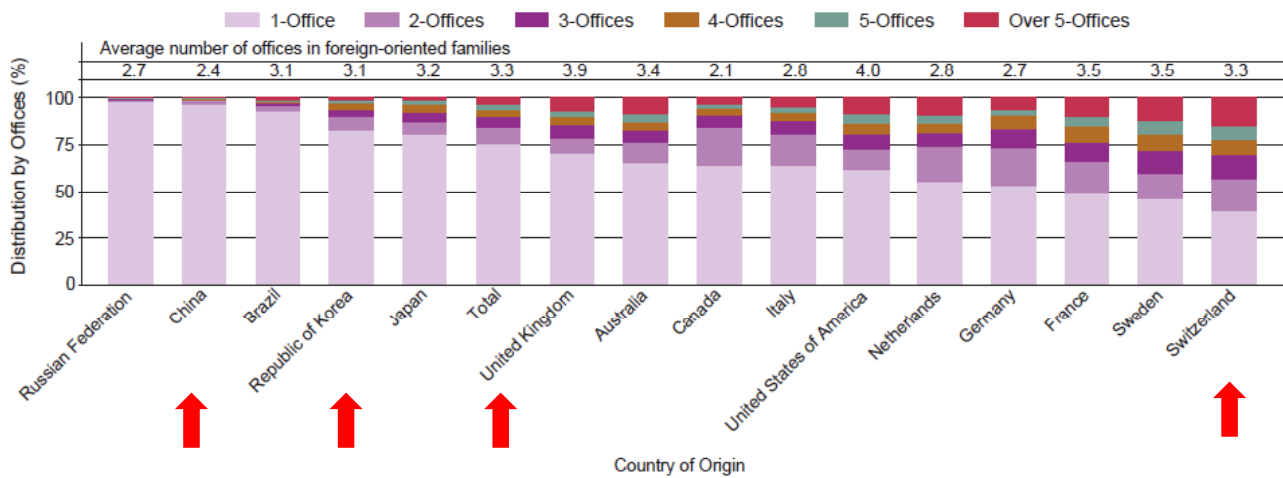
A.2.5b

Patent applications by country of origine



A.3.1

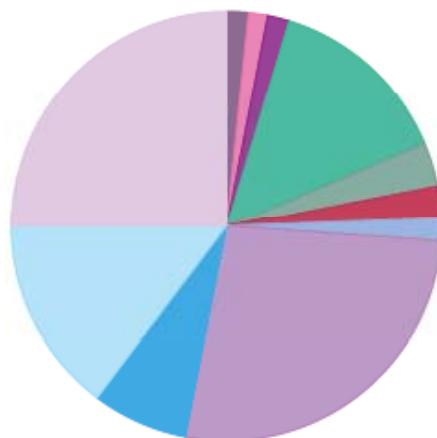
Patent family size



A.4.1.b

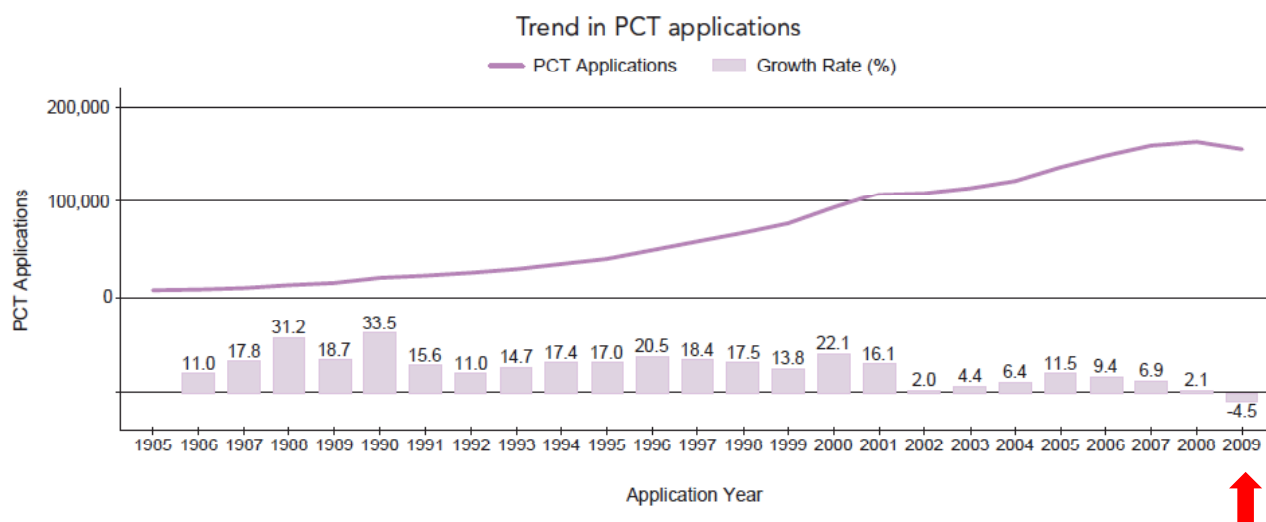
Country of origin of foreign oriented families 2003-7

CA: 1.4% CH: 1.6% CN: 1.6% DE: 13.8%
 FR: 3.5% GB: 2.4% IT: 1.9% JP: 26.6%
 KR: 7.4% Others: 15% US: 24.8%



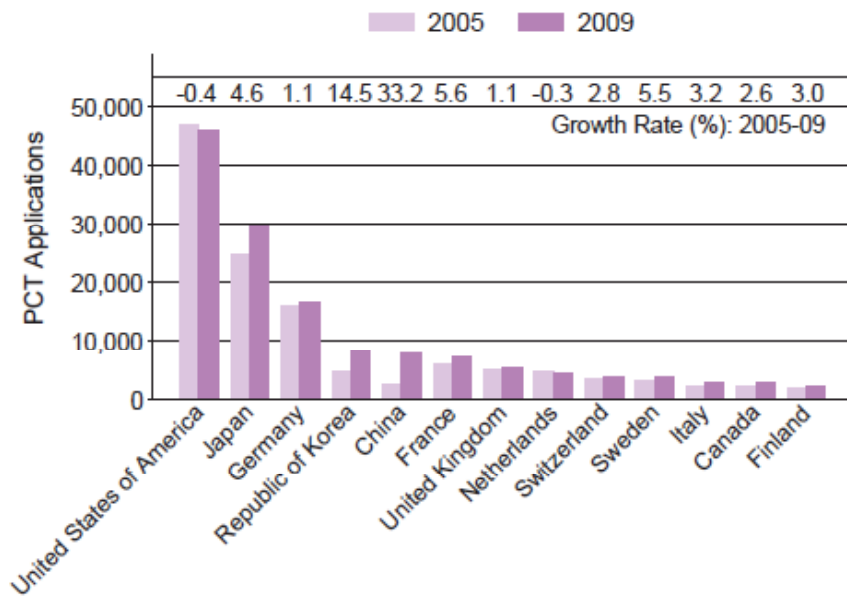
A.4.2

PCT applications



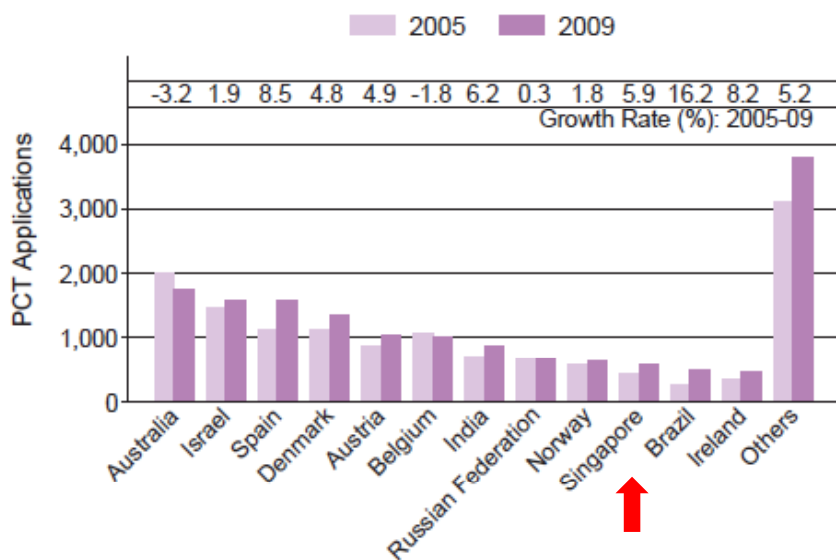
A.5.1

PCT applications by CO, 2005/2009



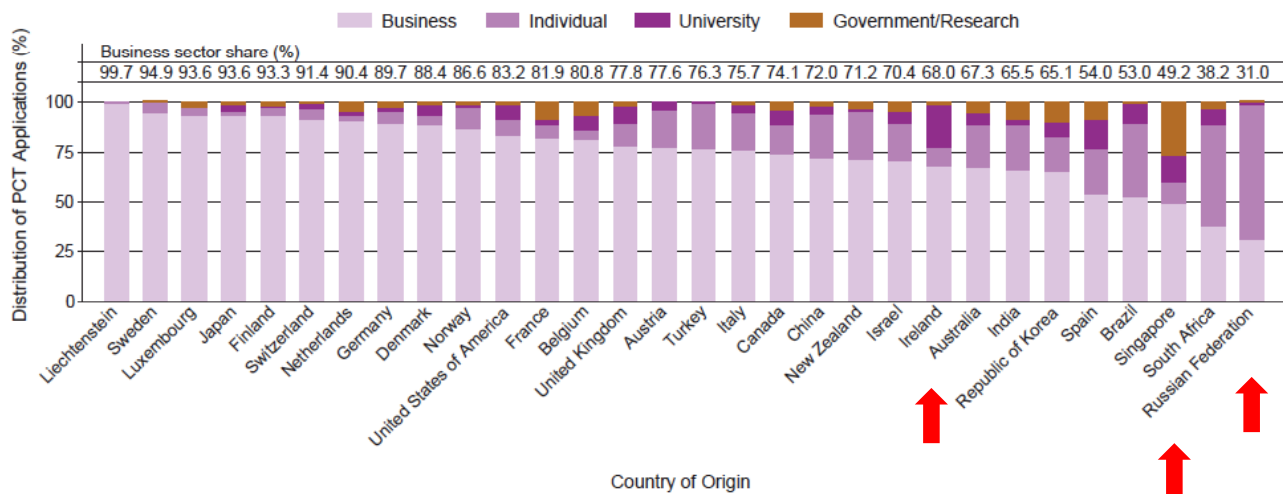
A.5.1

PCT applications by CO, 2005/2009



A.5.1

Ownership types: top 30 origins



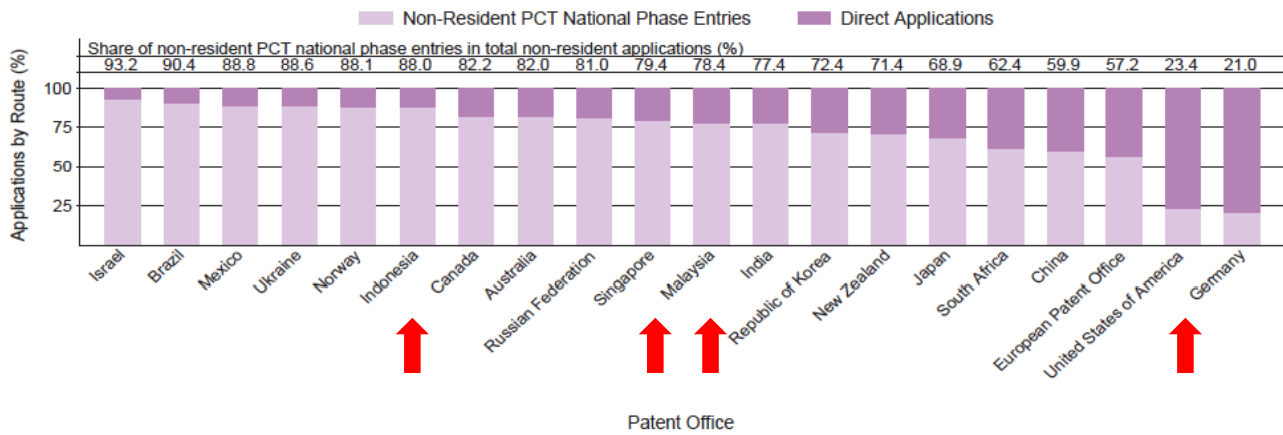
A.5.2

Top PCT applicants

| Rank | Applicant's Name | Country of Origin | Number of PCT Applications | Change from 2008 |
|------|---|--------------------------|----------------------------|------------------|
| 1 | PANASONIC CORPORATION | Japan | 1,891 | 162 |
| 2 | HUAWEI TECHNOLOGIES CO., LTD. | China | 1,847 | 110 |
| 3 | ROBERT BOSCH GMBH | Germany | 1,587 | 314 |
| 4 | KONINKLIJKE PHILIPS ELECTRONICS N.V. | Netherlands | 1,295 | -256 |
| 5 | QUALCOMM INCORPORATED | United States of America | 1,280 | 373 |
| 6 | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) | Sweden | 1,240 | 256 |
| 7 | LG ELECTRONICS INC. | Republic of Korea | 1,090 | 98 |
| 8 | NEC CORPORATION | Japan | 1,069 | 244 |
| 9 | TOYOTA JIDOSHA KABUSHIKI KAISHA | Japan | 1,068 | -296 |
| 10 | SHARP KABUSHIKI KAISHA | Japan | 997 | 183 |
| 11 | SIEMENS AKTIENGESELLSCHAFT | Germany | 932 | -157 |
| 12 | FUJITSU LIMITED | Japan | 817 | -167 |
| 13 | BASF SE | Germany | 739 | 18 |
| 14 | 3M INNOVATIVE PROPERTIES COMPANY | United States of America | 688 | 25 |
| 15 | NOKIA CORPORATION | Finland | 663 | -342 |
| 16 | MICROSOFT CORPORATION | United States of America | 644 | -161 |
| 17 | SAMSUNG ELECTRONICS CO., LTD. | Republic of Korea | 596 | -43 |
| 18 | NXP B.V. | Netherlands | 593 | 186 |
| 19 | MITSUBISHI ELECTRIC CORPORATION | Japan | 569 | 66 |
| 20 | HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. | United States of America | 554 | 58 |
| 21 | MOTOROLA, INC. | United States of America | 538 | -240 |
| 22 | ZTE CORPORATION | China | 517 | 188 |

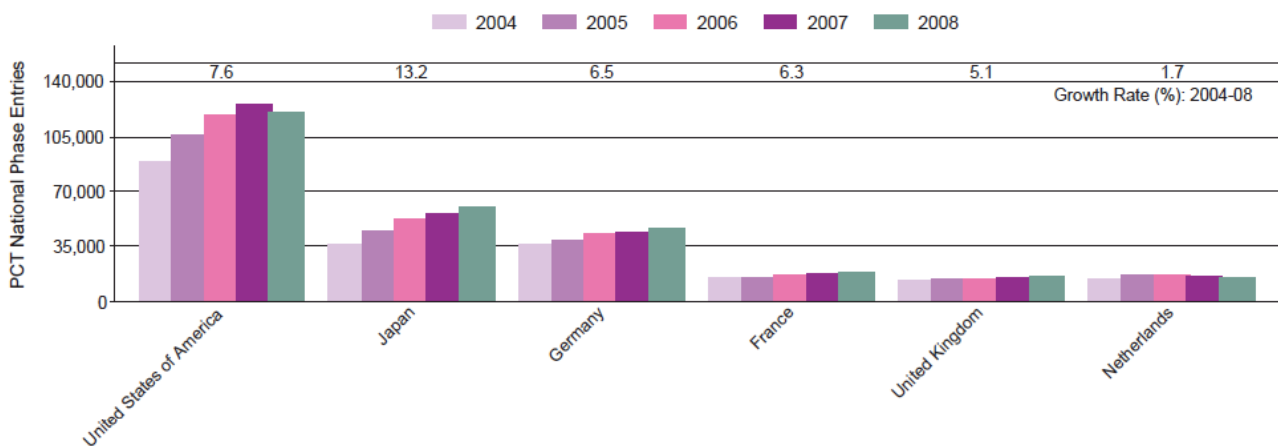
A.5.2a

Share of PCT national phase entries in non-resident applications



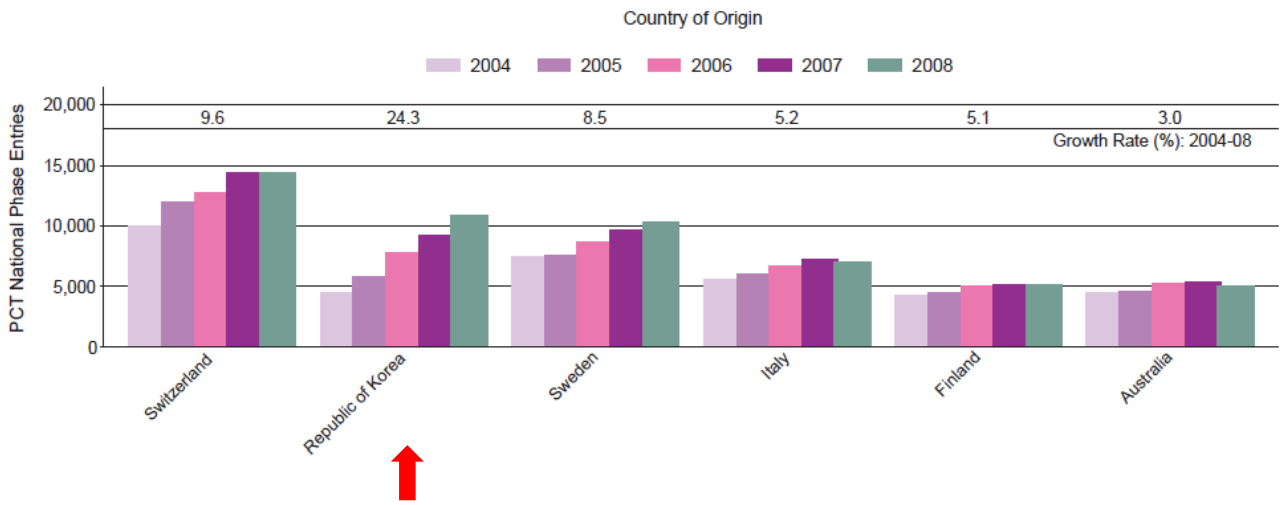
A.5.3b

Non resident PCT NP entries by origin



A.5.4

Non resident PCT NP entries by origin



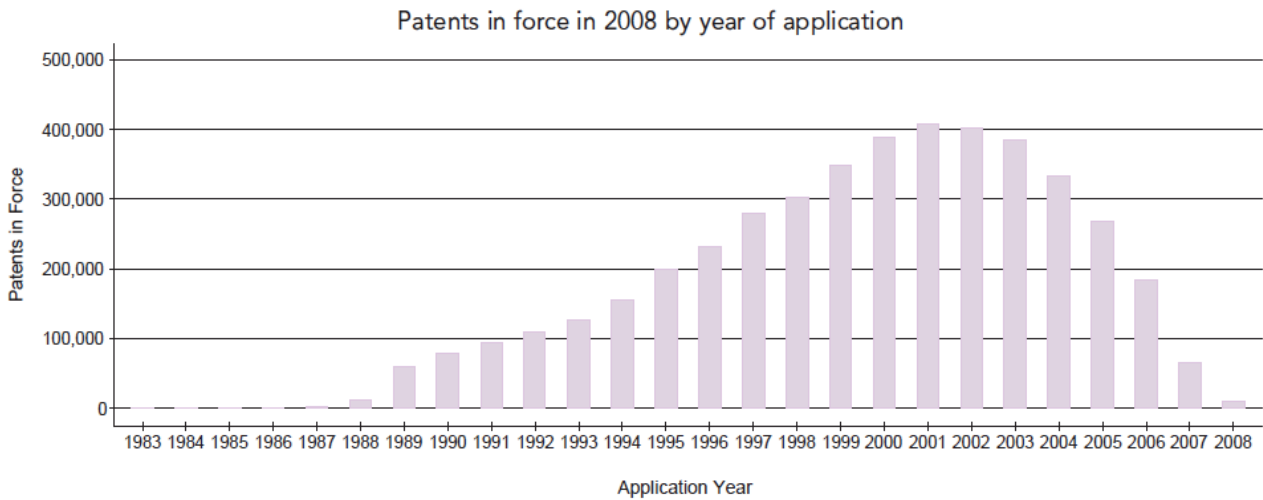
A.5.4

Non resident PCT NP entries by origin



A.5.4

Patents in force in 2008



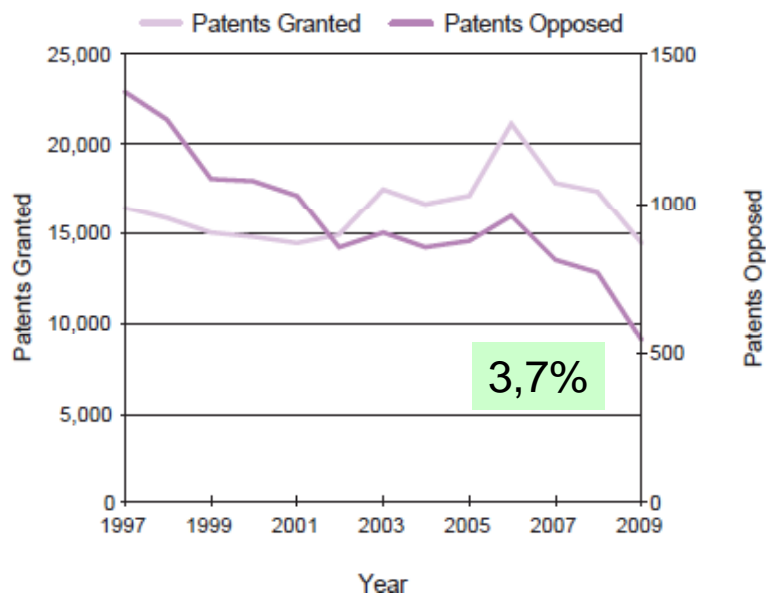
6.7 million granted patents in force world wide

28% granted in US

Residents of JP and US own 48% of patents in force

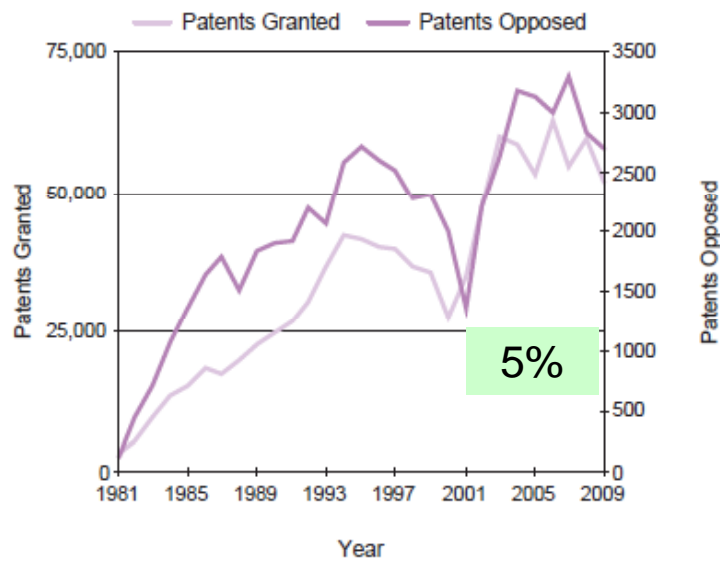
A.9.2

Grants and oppositions: DE



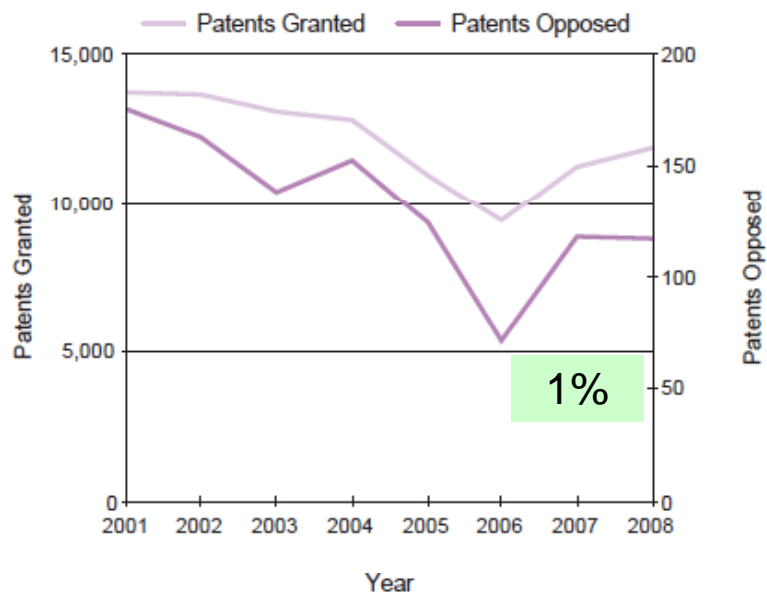
A.10a

Grants and oppositions: EP



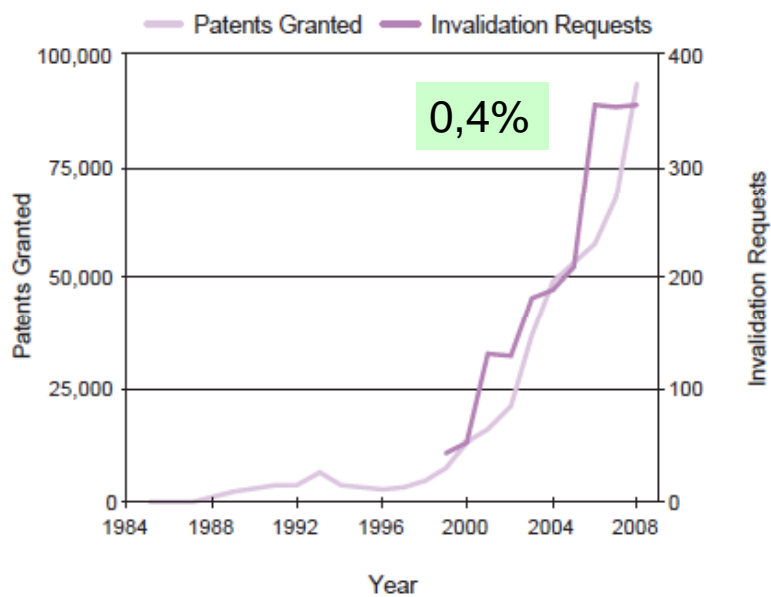
A.10a

Grants and oppositions: AU



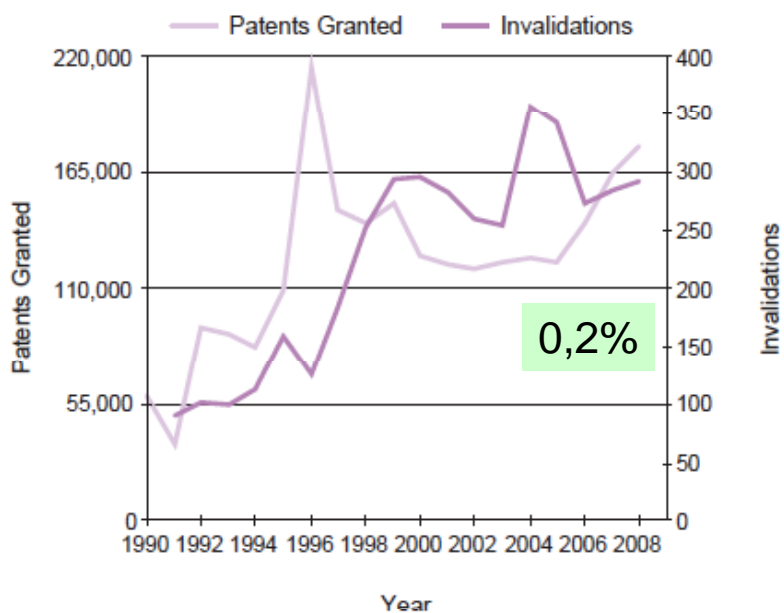
A.10a

Grants and invalidation requests: CN



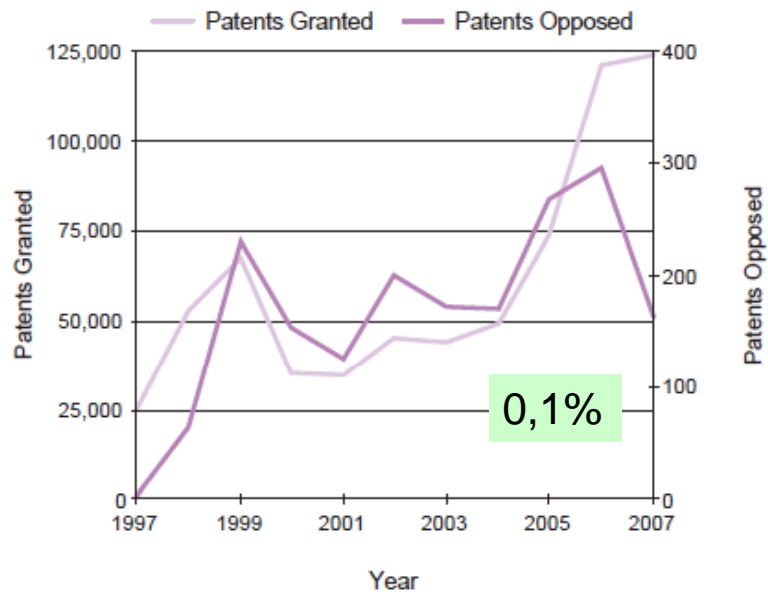
A.10a

Grants and invalidations: JP



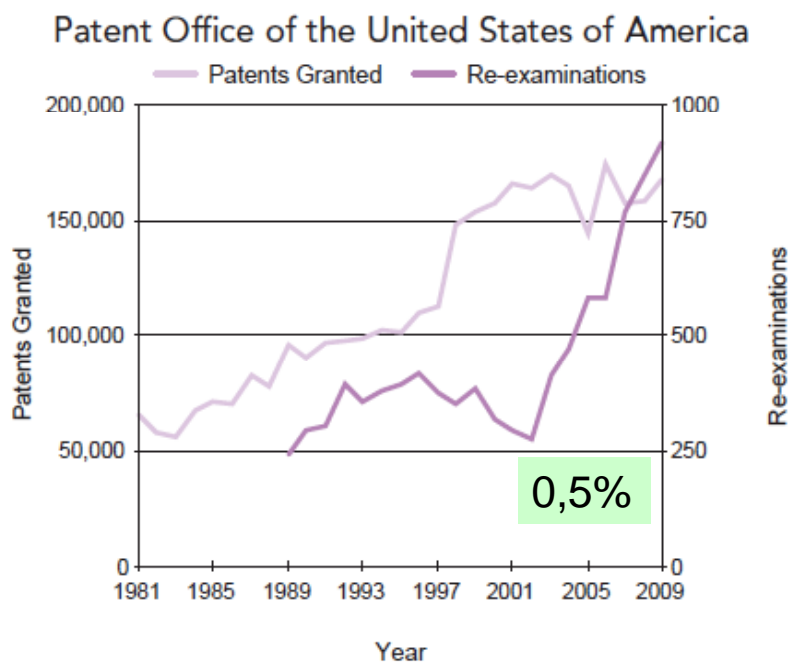
A.10b

Grants and oppositions: KR



A.10b

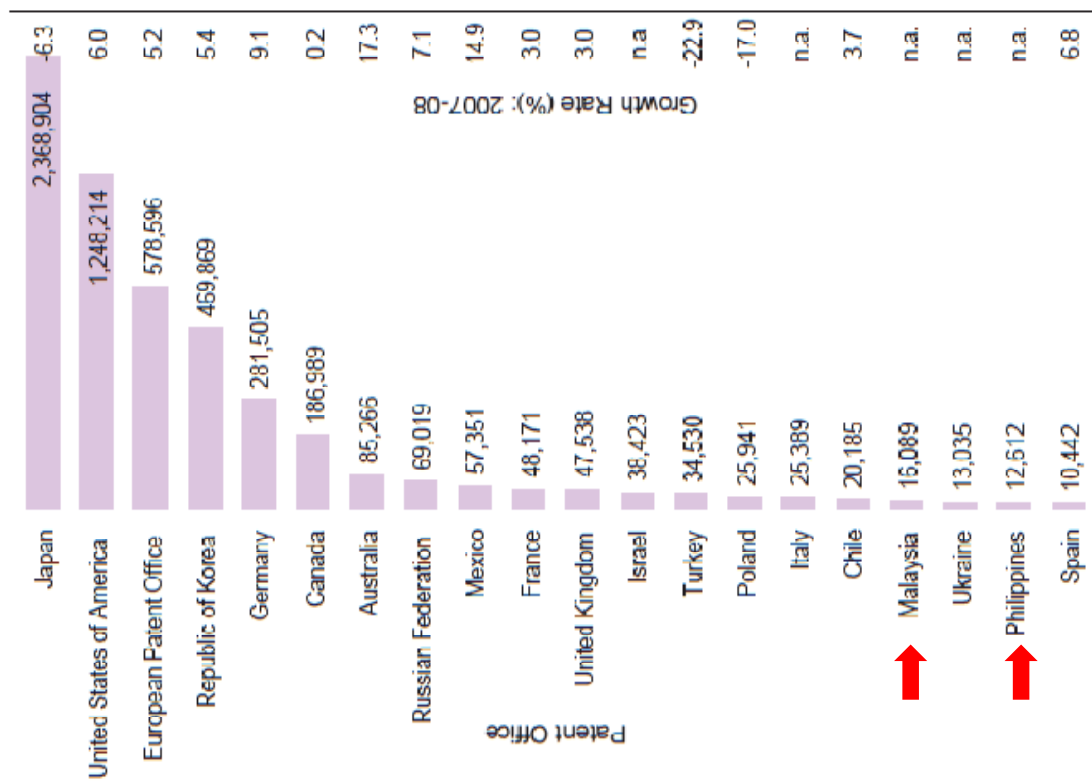
Grants and Re-examinations: US



A.10b

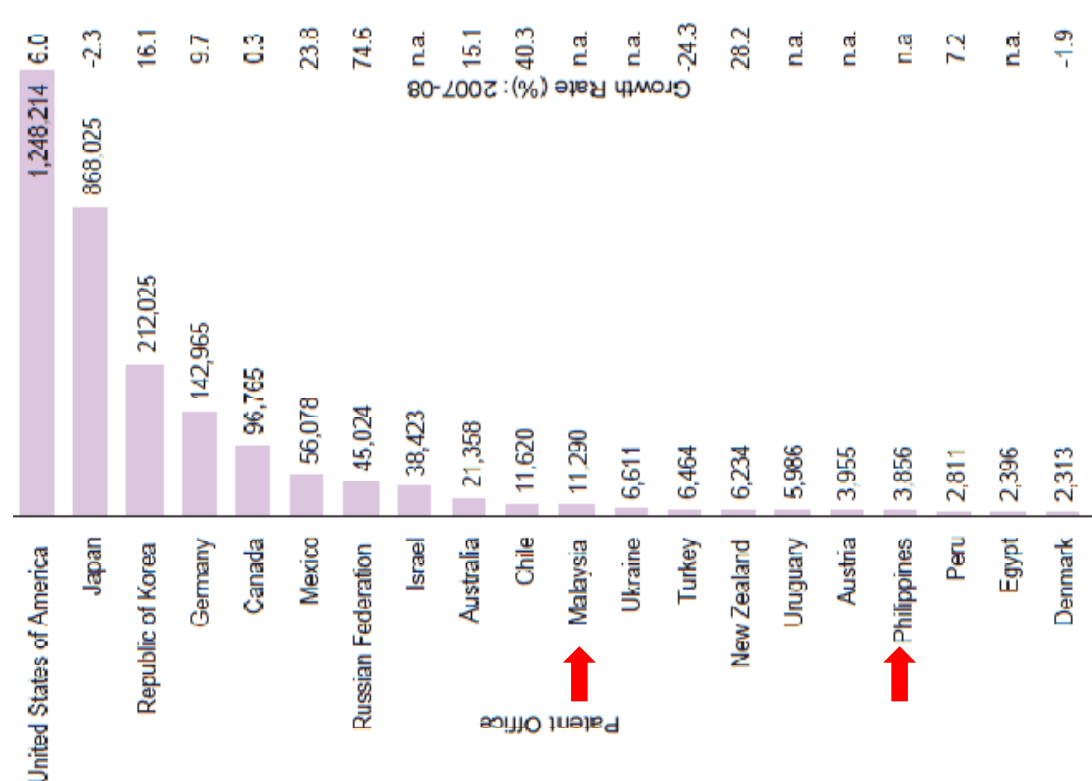
Potentially pending applications

A.11a

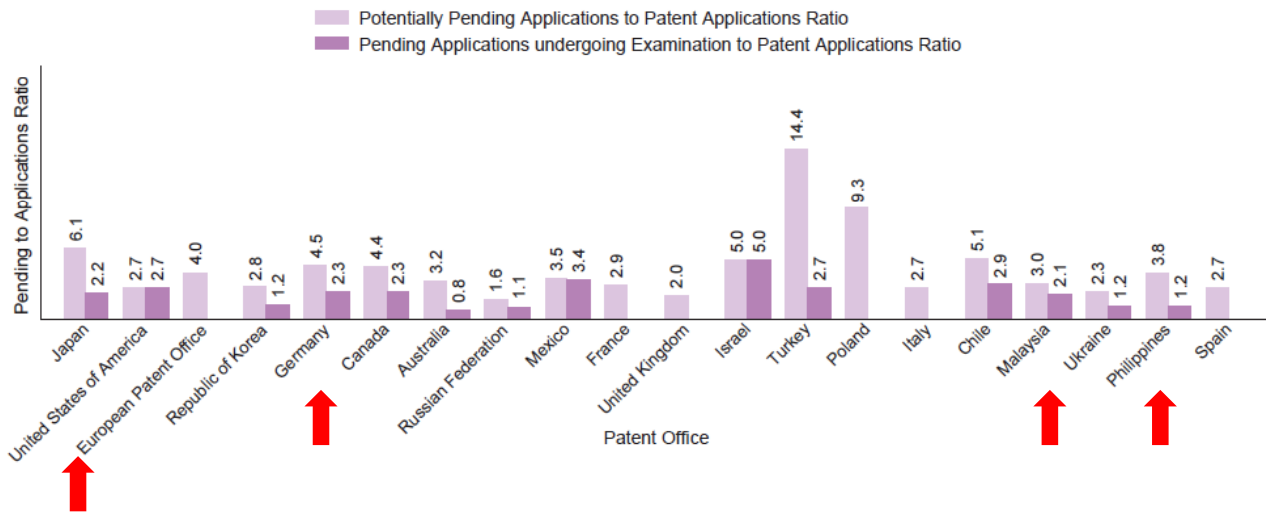


Pending applications undergoing exam.

A.11a



Pending application to patent application



A.4.1.b

Patent applications

| | Applications by Office | | | Applications by Origin | PCT International Applications, 2009 | | PCT National Phase Entry, 2008 | |
|-------------|------------------------|----------|--------------|------------------------|--------------------------------------|---------------------|--------------------------------|--------|
| | Total | Resident | Non-Resident | Total ¹ | Receiving Office ² | Origin ² | Office | Origin |
| Indonesia | .. | .. | .. | 23 | 2 | 7 | .. | 6 |
| Malaysia | 5,303 | 818 | 4,485 | 1,309 | 224 | 224 | 3,529 | 157 |
| Philippines | 3,311 | 216 | 3,095 | 310 | 20 | 20 | .. | 19 |
| Thailand | 6,741 | 802 | 5,939 | 986 | 3 | 19 | .. | 27 |
| Viet Nam | .. | .. | .. | 14 | 4 | 5 | .. | 5 |

The other IPOs ?

A.4.1.b

Thank you