WIPO Statistics
PCT National Phase - Preliminary Report
May 2005

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WIPO Statistics
PCT National Phase - Introduction
April 2005

This preliminary report on PCT national phase entries is based on data provided to the International Bureau by a number of national patent offices. The report has been created to fill a gap in the information available about PCT applications after the interntaional phase filing.

The report contains analyses of PCT national phase entries by office, by country of origin and by technical field. It gives an indication of the number, type and source of PCT patent applications entering the national phase in different offices around the world.

As is clear from the report itself, the data provided covers different time periods depending on the reporting office. It is expected that more data will be added in the near future, both by increasing the number of reporting offices and by completing historical data from all offices.

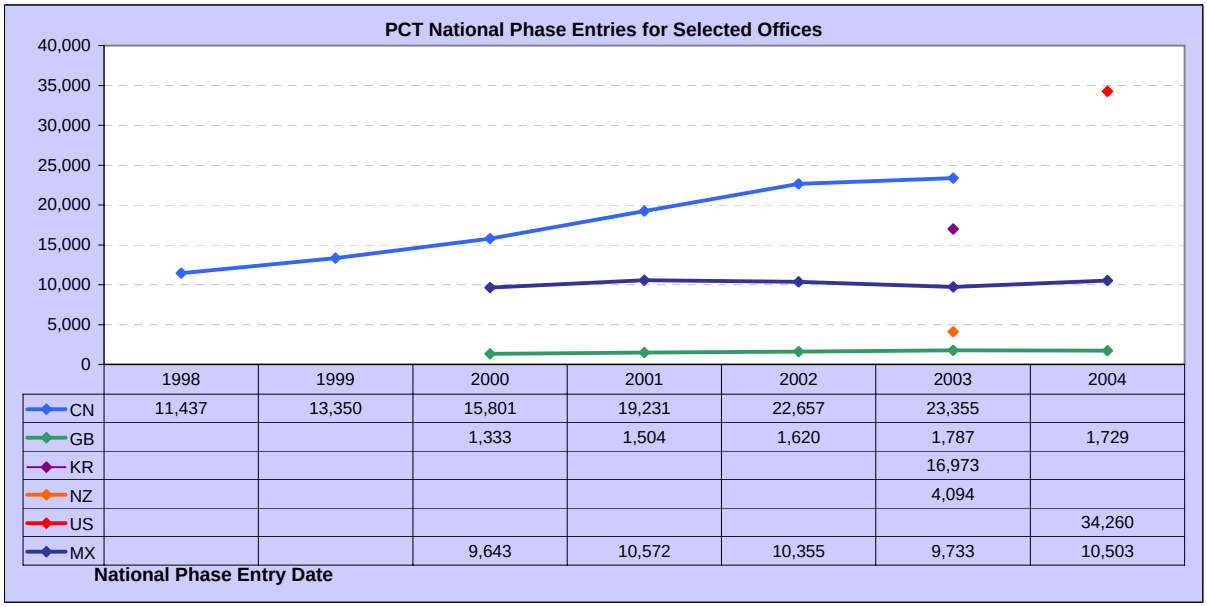
WIPO Statistics
PCT National Phase Entry
Overview - Number and Percentage of National Phase Entries

Explanations and Definitions:

The first chart and table show the simple totals of PCT National Phase entries in each office, organised by date of national phase entry.

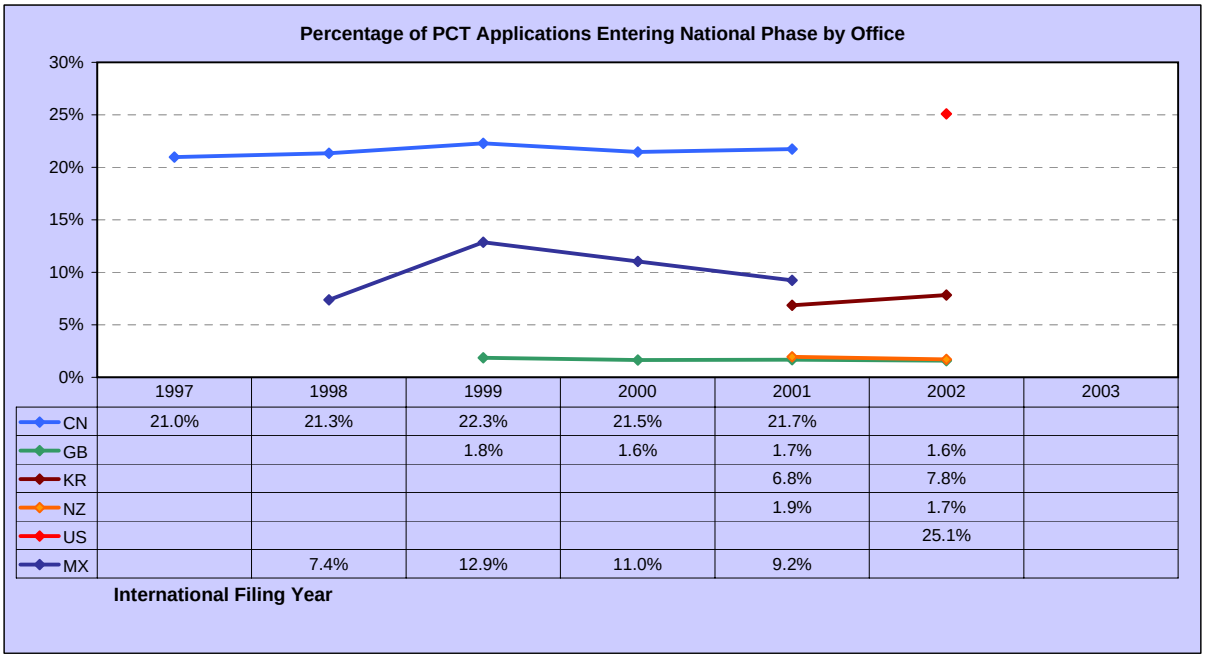
The second chart and table show the percentage of PCT International Applications which enter the national phase in each office, organised by international filing date.

Note: Some data are incomplete.



	1998	1999	2000	2001	2002	2003	2004
CN	11,437	13,350	15,801	19,231	22,657	23,355	
GB			1,333	1,504	1,620	1,787	1,729
KR						16,973	
NZ						4,094	
US							34,260
MX			9,643	10,572	10,355	9,733	10,503

National Phase Entry Date



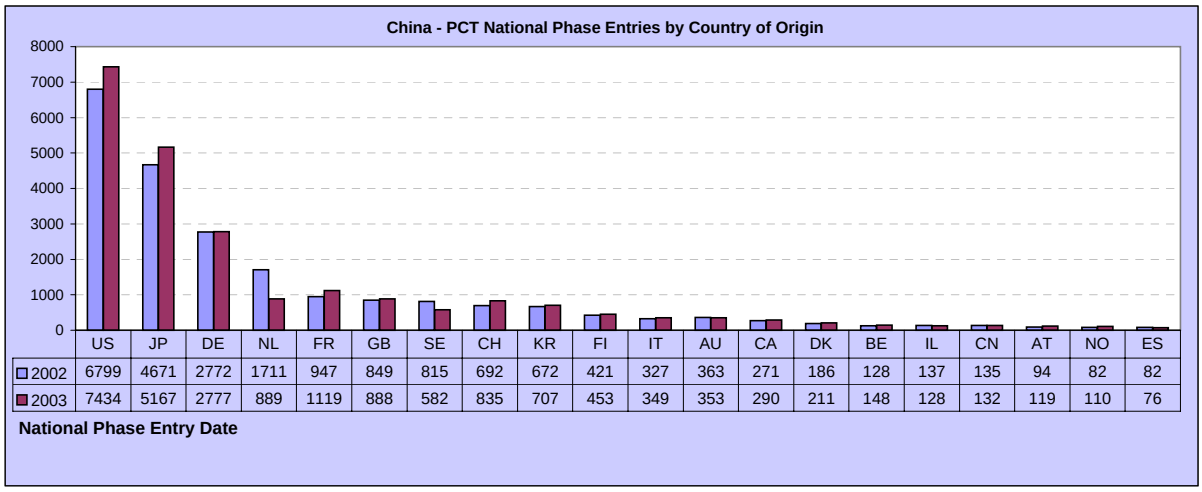
	1997	1998	1999	2000	2001	2002	2003
CN	21.0%	21.3%	22.3%	21.5%	21.7%		
GB			1.8%	1.6%	1.7%	1.6%	
KR					6.8%	7.8%	
NZ					1.9%	1.7%	
US						25.1%	
MX		7.4%	12.9%	11.0%	9.2%		

International Filing Year

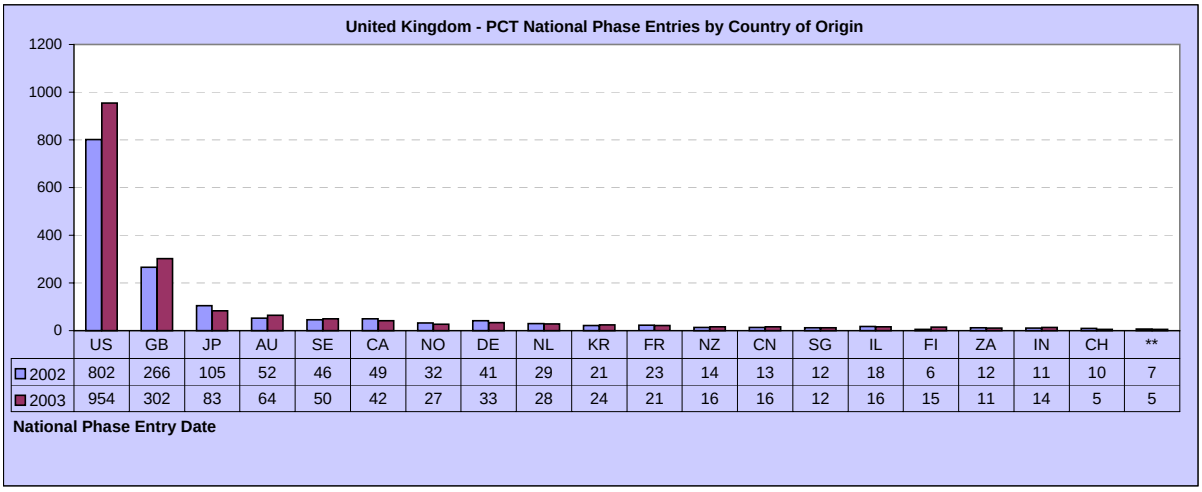
WIPO Statistics
PCT National Phase Entry
Number of PCT national phase entries by country of origin (Top 20)

Explanations and Definitions:

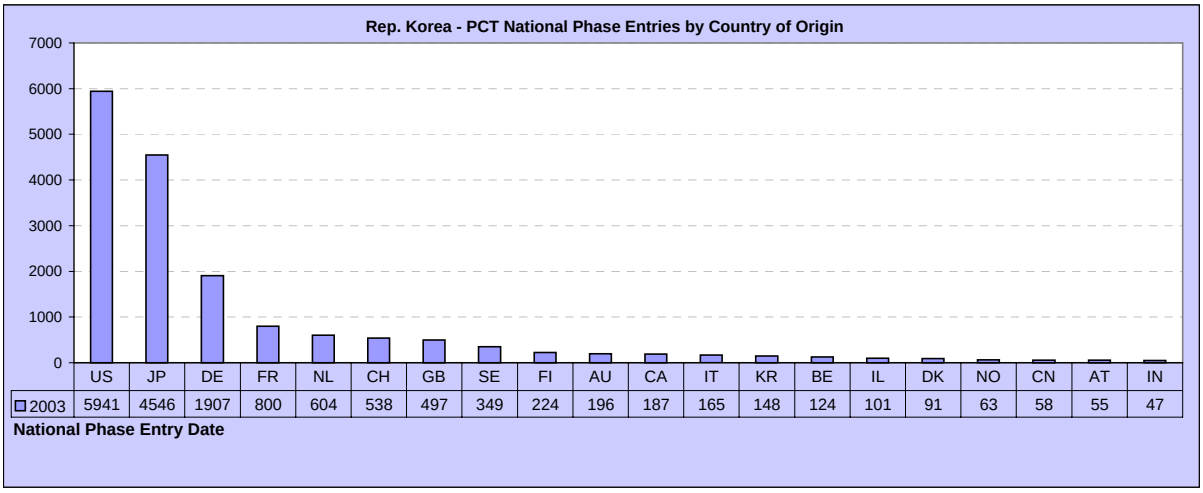
The charts show, for each Office, the number of PCT national phase entries by country of origin. Only the top 20 countries of origin are shown for each office and the country of origin is the state of residence of the first named applicant or assignee of each PCT international application.



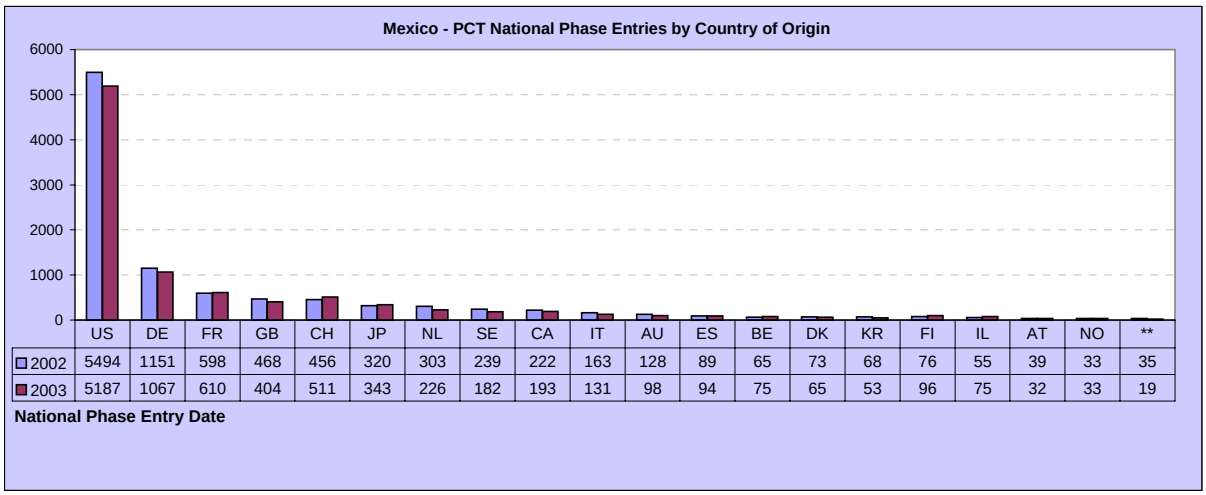
	US	JP	DE	NL	FR	GB	SE	CH	KR	FI	IT	AU	CA	DK	BE	IL	CN	AT	NO	ES
2002	6799	4671	2772	1711	947	849	815	692	672	421	327	363	271	186	128	137	135	94	82	82
2003	7434	5167	2777	889	1119	888	582	835	707	453	349	353	290	211	148	128	132	119	110	76

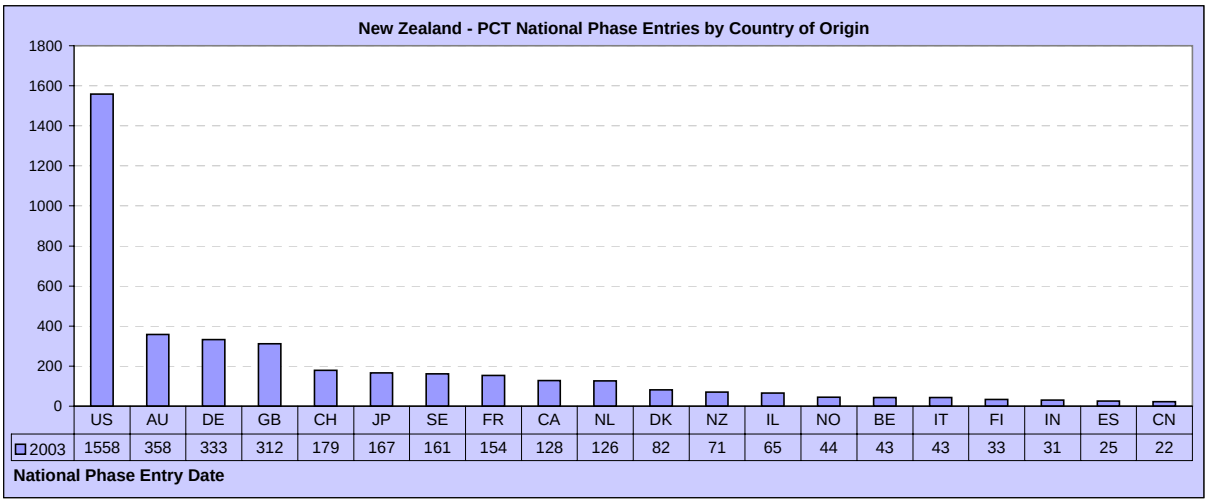


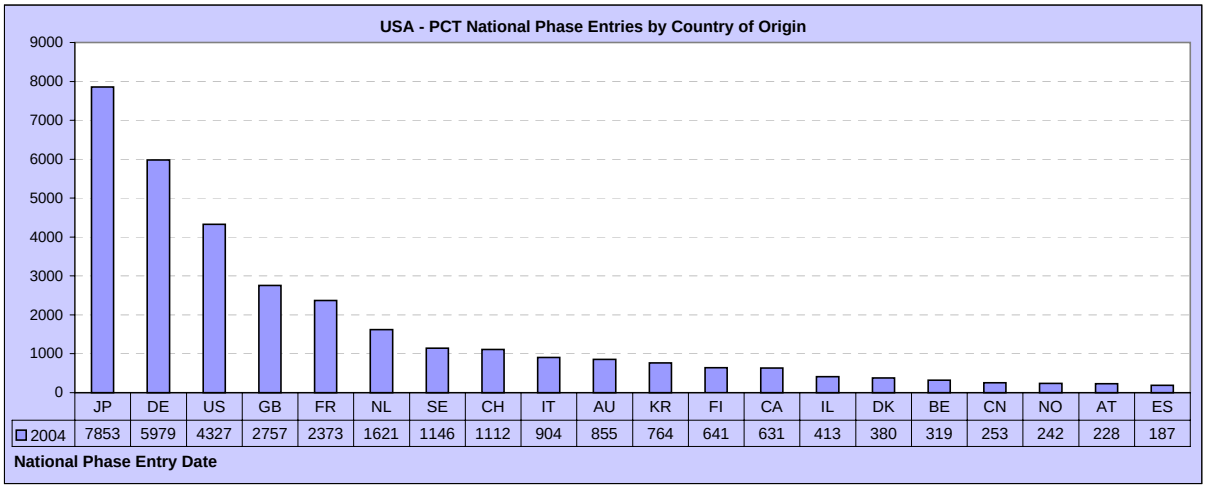
	US	GB	JP	AU	SE	CA	NO	DE	NL	KR	FR	NZ	CN	SG	IL	FI	ZA	IN	CH	**
2002	802	266	105	52	46	49	32	41	29	21	23	14	13	12	18	6	12	11	10	7
2003	954	302	83	64	50	42	27	33	28	24	21	16	16	12	16	15	11	14	5	5



	US	JP	DE	FR	NL	CH	GB	SE	FI	AU	CA	IT	KR	BE	IL	DK	NO	CN	AT	IN
2003	5941	4546	1907	800	604	538	497	349	224	196	187	165	148	124	101	91	63	58	55	47


Mexico - PCT National Phase Entries by Country of Origin
6000
5000
4000
3000
2000
1000
0
US DE FR GB CH JP NL SE CA IT AU ES BE DK KR FI IL AT NO **
2002 5494 1151 598 468 456 320 303 239 222 163 128 89 65 73 68 76 55 39 33 35
2003 5187 1067 610 404 511 343 226 182 193 131 98 94 75 65 53 96 75 32 33 19
National Phase Entry Date


New Zealand - PCT National Phase Entries by Country of Origin
1800
1600
1400
1200
1000
800
600
400
200
0
US AU DE GB CH JP SE FR CA NL DK NZ IL NO BE IT FI IN ES CN
2003 1558 358 333 312 179 167 161 154 128 126 82 71 65 44 43 43 33 31 25 22
National Phase Entry Date


USA - PCT National Phase Entries by Country of Origin
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
JP DE US GB FR NL SE CH IT AU KR FI CA IL DK BE CN NO AT ES
2004 7853 5979 4327 2757 2373 1621 1146 1112 904 855 764 641 631 413 380 319 253 242 228 187
National Phase Entry Date

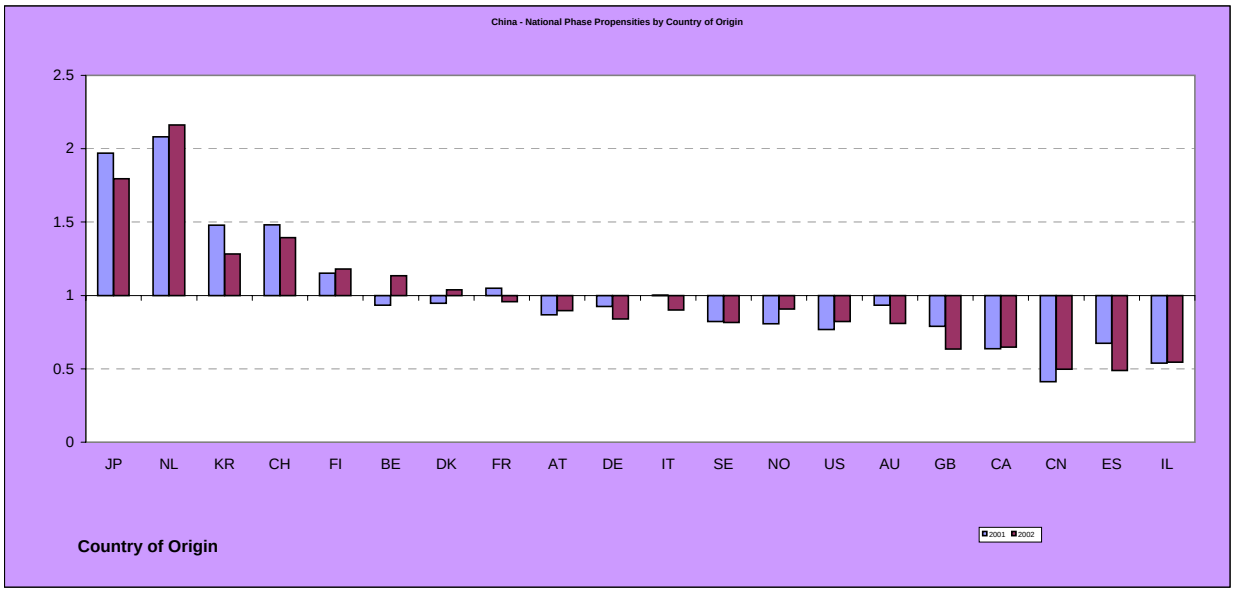
WIPO Statistics
PCT National Phase Entry
Propensity of PCT National Phase Filing by Country of Origin

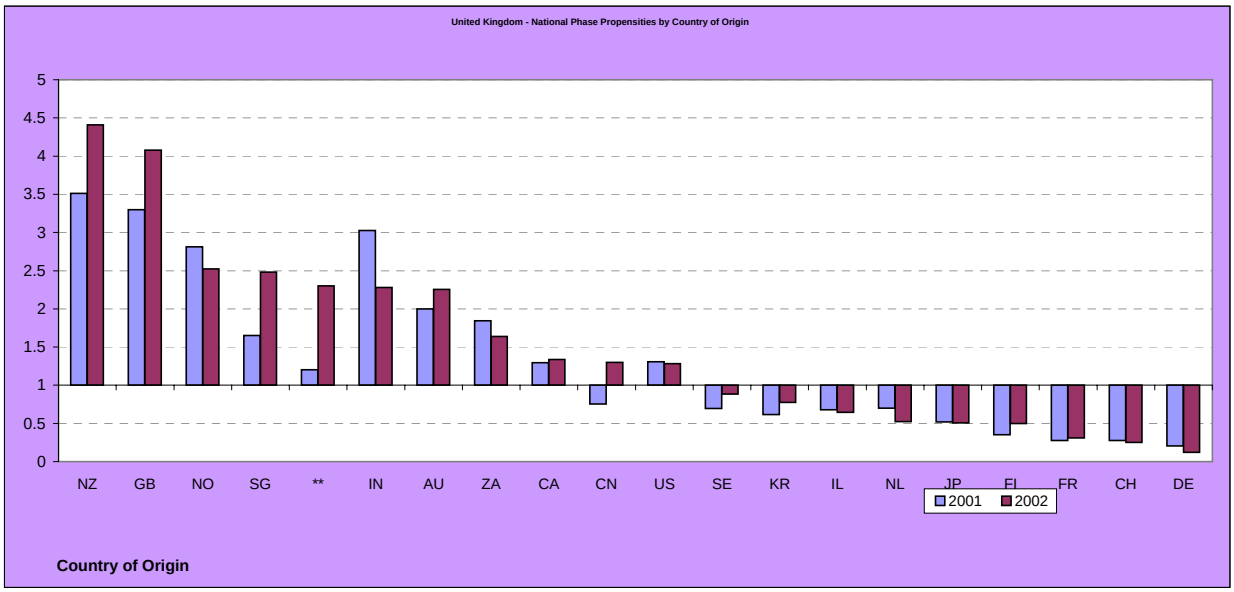
Explanations and Definitions:

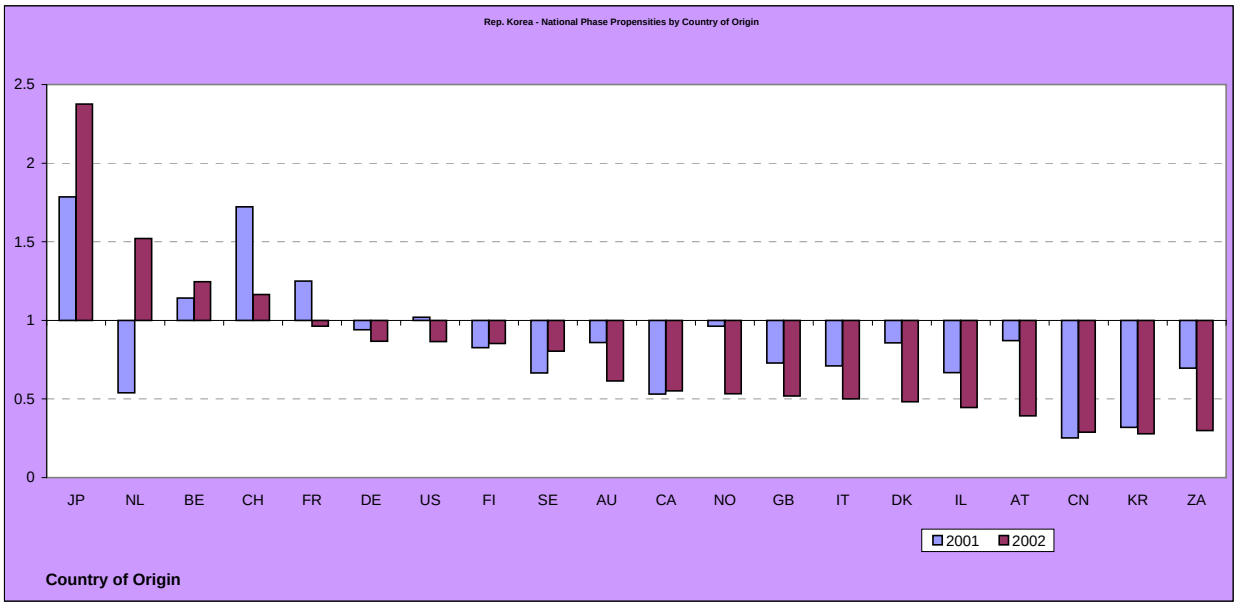
This report shows the propsensity of each country of origin to file PCT national phase entries in each office.

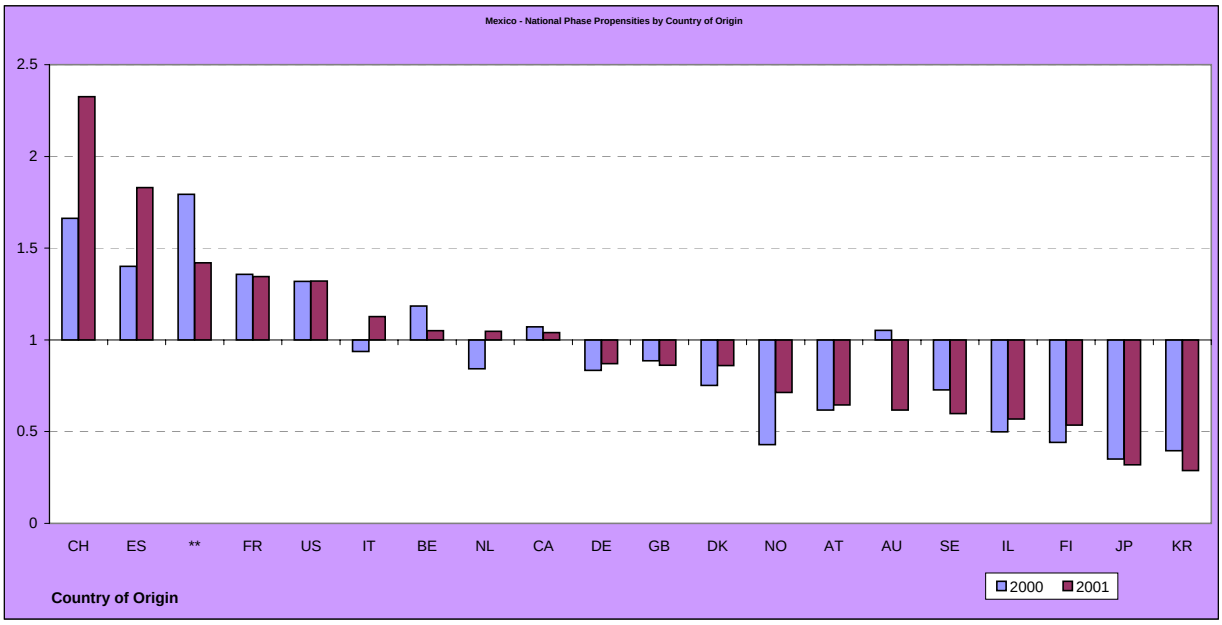
The propensity to file PCT national phase entry is the proportion of national phase entries from a given country of origin, compared to the proportion of all PCT international applications from the same country of origin.

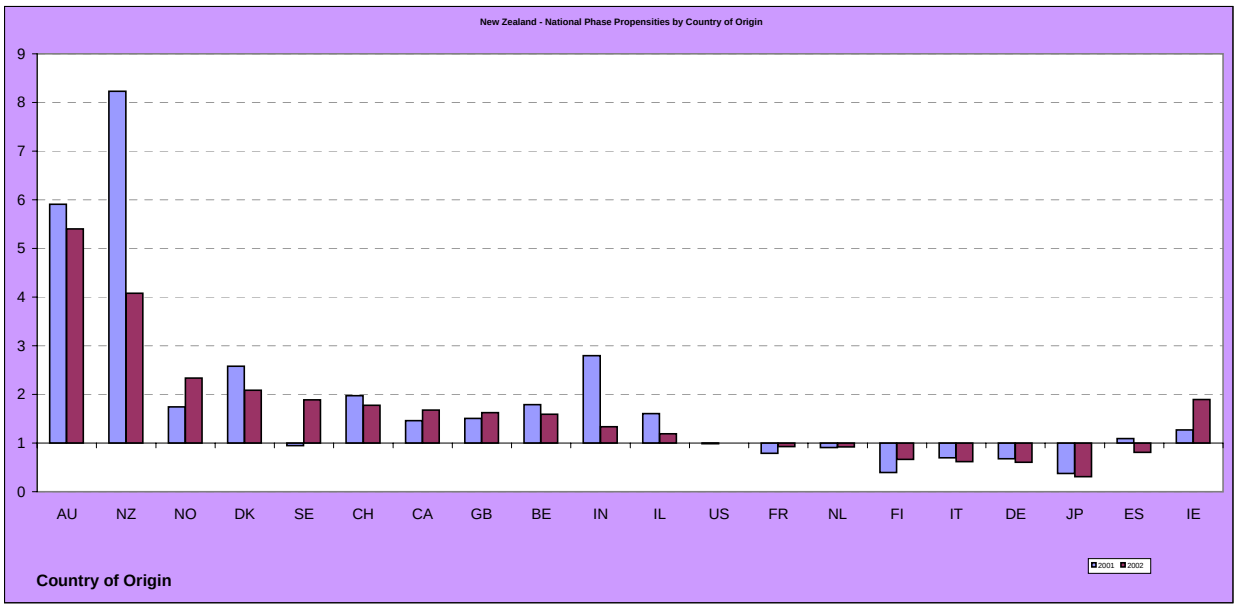
This analysis effectively applys a weighting to the number of national phase entries so that a country of origin with a large number of PCT international applications can be compared with a country of origin with a small number of PCT international applications. If the first country has a 20% share of all PCT international applications, but only a 15% share of national phase entries in a given office, then its national phase propensity in that office is 15% / 20% or 0.75. This can be compared with another country of origin that has a 5% share of all PCT international applications and a 6% share of national phase entries in a given office, giving a national phase propensity of 1.2. A national phase propensity of 1.0 is an equilibrium - the share of national phase entries is the same as the share of PCT international applications.

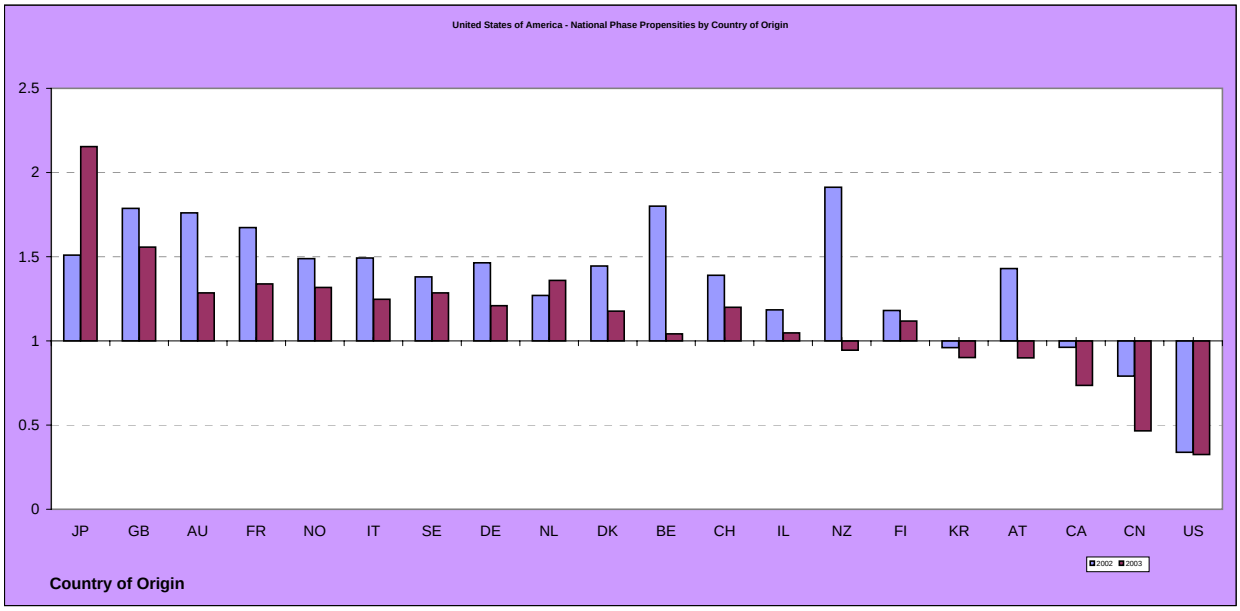





Rep. Korea - National Phase Propensities by Country of Origin
2.5
2
1.5
1
0.5
0
JP NL BE CH FR DE US FI SE AU CA NO GB IT DK IL AT CN KR ZA
2001 2002
Country of Origin


Mexico - National Phase Propensities by Country of Origin
2.5
2
1.5
1
0.5
0
CH ES ** FR US IT BE NL CA DE GB DK NO AT AU SE IL FI JP KR
2000 2001
Country of Origin


New Zealand - National Phase Propensities by Country of Origin
9
8
7
6
5
4
3
2
1
0
AU NZ NO DK SE CH CA GB BE IN IL US FR NL FI IT DE JP ES IE
2001 2002
Country of Origin


United States of America - National Phase Propensities by Country of Origin
2.5
2
1.5
1
0.5
0
JP
GB
AU
FR
NO
IT
SE
DE
NL
DK
BE
CH
IL
NZ
FI
KR
AT
CA
CN
US
2002
2003
Country of Origin

WIPO Statistics
PCT National Phase Entry
National Phase Entries by Technical Field (IPC)

Explanations and Definitions:

The tables below show the number of PCT national phase entries in each office by IPC subclass.

China IPC by National Phase

	1997	1998	1999	2000	2001	2001 (Percent)
A61K	854	1058	1221	1274	1375	5.8%
G06F	216	338	533	908	1230	5.2%
C07D	664	797	793	926	1040	4.4%
H04L	179	318	417	614	764	3.2%
H01L	170	211	288	445	633	2.7%
C07C	370	438	491	562	606	2.6%
H04N	252	265	384	496	575	2.4%
H04B	270	332	444	541	533	2.3%
H04Q	410	528	539	524	474	2.0%
C12N	344	381	471	538	436	1.9%
G11B	143	207	311	370	401	1.7%
G01N	140	164	187	231	330	1.4%
H01M	88	140	195	233	297	1.3%
C08F	189	185	276	259	296	1.3%
G02B	136	158	237	274	286	1.2%
C08G	127	173	211	253	284	1.2%
C08L	143	158	177	204	283	1.2%
B65D	148	157	212	247	263	1.1%
A61F	169	191	177	182	188	0.8%
C11D	279	210	169	173	133	0.6%
Others	6516	7885	9249	10773	13104	55.7%
Total	11807	14294	16982	20027	23531	

United Kingdom IPC by National Phase

	2000	2001	2002	2003	2003 (Percent)
E21B	99	113	189	101	13.1%
G06F	160	260	232	90	11.7%
A61K	33	28	32	26	3.4%
H04L	50	39	52	24	3.1%
H04N	42	40	27	17	2.2%
G01N	36	33	39	17	2.2%
B65D	19	14	21	16	2.1%
G01V	25	43	32	14	1.8%
A61B	12	13	15	14	1.8%
H01L	30	25	37	13	1.7%
G02B	18	21	17	13	1.7%
A63B	47	43	33	10	1.3%
B01D	9	14	21	10	1.3%
H04Q	10	32	19	9	1.2%
F16L	10	18	16	8	1.0%
H04B	16	33	15	7	0.9%
G11B	53	45	19	5	0.6%
A61F	32	38	21	5	0.6%
C12N	16	20	25	5	0.6%
H04M	18	17	16	5	0.6%
Others	676	824	762	362	47.0%
Total	1411	1713	1640	771	

Rep. Of Korea IPC by National Phase

	2001	2002	2002 (Percent)
A61K	506	587	6.8%
H01L	362	473	5.5%
G06F	342	421	4.9%
C07D	498	392	4.6%
H04N	120	279	3.2%
H04L	179	263	3.1%
G11B	108	195	2.3%
C07C	221	179	2.1%
H04B	127	153	1.8%
H01M	91	131	1.5%
H01J	84	127	1.5%
C08G	118	120	1.4%
G02B	83	119	1.4%
C08L	83	114	1.3%
G01N	96	113	1.3%
C12N	142	111	1.3%
H04Q	75	99	1.2%
C08F	109	95	1.1%
A61F	88	92	1.1%
B01D	87	75	0.9%
Others	3810	4450	51.8%
Total	7329	8588	

Mexico IPC by National Phase

	1998	1999	2000	2001	2002	2003	2003 (Percent)
A61K	554	1174	1207	1149	1493	712	14.9%
C07D	380	735	852	979	882	448	9.4%
C07C	175	345	387	379	276	148	3.1%
G06F	85	157	308	281	281	129	2.7%
H04N	71	144	162	123	166	118	2.5%
B65D	80	188	222	206	217	98	2.1%
H04L	64	95	127	129	140	97	2.0%
A61F	155	249	284	256	258	89	1.9%
C12N	202	476	398	276	210	79	1.7%
A01N	81	180	132	150	166	73	1.5%
A61M	55	99	103	130	137	68	1.4%
H04Q	98	110	97	75	89	66	1.4%
A61B	43	98	96	115	97	64	1.3%
C07K	70	154	163	163	144	63	1.3%
B32B	52	105	90	137	118	63	1.3%
C08G	77	122	167	121	124	60	1.3%
G01N	67	125	120	120	115	59	1.2%
C11D	144	157	182	127	95	54	1.1%
C08F	69	166	153	129	88	39	0.8%
B01J	49	118	103	101	105	38	0.8%
Others	2287	4744	4883	4772	4532	2215	46.3%
Total	4858	9741	10236	9918	9733	4780	

New Zealand IPC by National Phase

	2001	2002	2002 (Percent)
A61K	379	434	24.5%
C07D	310	256	14.4%
C12N	126	85	4.8%
A01N	50	53	3.0%
C07K	68	52	2.9%
C07C	62	46	2.6%
G06F	71	43	2.4%
G01N	49	41	2.3%
C12Q	38	41	2.3%
B65D	34	30	1.7%
A61M	28	27	1.5%
C07H	20	23	1.3%
A61B	27	21	1.2%
A61F	20	18	1.0%
A23L	11	17	1.0%
B01D	20	16	0.9%
A61L	23	15	0.8%
B32B	19	15	0.8%
A61P	12	12	0.7%
C04B	13	11	0.6%
Others	621	519	29.2%
Total	2001	1775	

United States IPC by National Phase

	2001	2002	2003	2003 (Percent)
A61K	300	2102	787	6.1%
G06F	272	1135	542	4.1%
C07D	130	998	412	3.6%
H04N	64	432	375	1.6%
H01L	79	709	365	2.6%
G01N	137	858	314	3.1%
H04L	169	694	309	2.5%
G11B	28	298	284	1.1%
C12N	189	917	263	3.3%
A61B	89	476	228	1.7%
C07C	66	509	219	1.8%
G02B	56	362	201	1.3%
C12Q	71	437	139	1.6%
C07K	82	470	137	1.7%
H04Q	110	313	125	1.1%
B65D	53	313	150	1.1%
C08F	41	249	132	0.9%
H04B	59	284	156	1.0%
H01M	23	242	170	0.9%
B01D	51	301	115	1.1%
Others	2293	15552	7439	56.2%
Total	4362	27651	12862	

WIPO Statistics
PCT National Phase Entry
Annex I Liste of IPC

A01N	Preservation of Bodies of Humans or Animals or Plants or Parts thereof; Biocides
A23L	Protein compositions for foodstuffs, Working-up proteins for foodstuffs
A61B	Diagnosis; Surgery; Identification
A61F	Filters Implantable into Blood Vessels; Prostheses; orthopaedic, Nursing or Contraceptive Devices
A61K	Preparations for Medical, Dental, or Toilet Purposes
A61L	Methods or Apparatus for Sterilising Materials or Objects in General; Disinfection, Sterilisation, or Deodorisation of Air
A61M	Devices for introducing Media into, or onto, the Body
A61P	Therapeutic Activity Of Chemical Compounds Or Medicinal Preparations
A63B	Apparatus for Physical Training, Gymnastics, Swimming, Climbing, or Fencing; Ball Games; Training Equipment
B01D	Separation
B01J	Chemical or physical processes, e.g. Catalysis, colloid chemistry; their relevant apparatus
B32B	Layered products, i.e. Products built-up of strata of flat or non-flat, e.g. Cellular or honeycomb, form
B65D	Containers for storage or transport of articles or materials, e.g. Bags, barrels, bottles, boxes, cans, cartons, etc.
C04B	Lime; magnesia; slag; cements; compositions thereof, e.g. Mortars, concrete or like building materials
C07C	Acyclic or Carbocyclic Compounds
C07D	Heterocyclic Compounds
C07H	Sugars; Derivatives thereof; Nucleosides; Nucleotides; Nucleic Acids
C07K	Peptides
C08F	Macromolecular Compounds Obtained by Reactions Only involving Carbon-To-Carbon Unsaturated Bonds
C08G	Macromolecular Compounds Obtained Otherwise Than By Reactions Only Involving Carbon-To-Carbon Unsaturated Bonds
C08L	Compositions of Macromolecular Compounds
C11D	Detergent Compositions Use of Single Substances As Detergents; Soap or Soap-Making; Resin Soaps; Recovery of Glycerol
C12N	Micro-organisms or Enzymes; Compositions thereof
C12Q	Measuring or Testing Processes Involving Enzymes or Micro-organisms, Compositions or Test Papers therefor
E21B	Earth or Rock Drilling, Obtaining Oil, Gas, Water, Soluble or Meltable Materials or A Slurry of Minerals From Wells
F16L	Pipes; Joints or Fittings for Pipes; Supports for Pipes, Cables or Protective Tubing; Means for thermal Insulation In General
G01N	Investigating or Analysing Materials by Determining their Chemical or Physical Properties
G01V	Geophysics; Gravitational Measurements; Detecting Masses Or Objects; Tags
G02B	Optical Elements, Systems, or Apparatus
G06F	Electric Digital Data Processing
G11B	Information Storage Based On Relative Movement Between Record Carrier and Transducer
H01J	Electric Discharge Tubes or Discharge Lamps
H01L	Semiconductor Devices; Electric Solid State Devices not Otherwise Provided for
H01M	Processes or means, e.g. Batteries, for the direct conversion of chemical energy into electrical energy
H04B	Transmission
H04L	Transmission of digital information, e.g. Telegraphic communication
H04M	Telephonic Communication
H04N	Pictorial communication, e.g. Television
H04Q	Selecting