

IP Data Collection and Dissemination at WIPO

Sub-Regional Workshop on the Development and Effective Use of
Intellectual Property Statistics for ARIPO Member States
Harare, Zimbabwe - September 14 to 16, 2016

■ IP statistics are used to better understand and promote:

Policy



(Photo: flickr.com/unlawyer)

Technology



(Photo: flickr.com/Marcelo Gradella Villalva)

Business



(Photo: flickr.com/aashhiff)

■ Who uses IP statistics?

Business
decision-
makers

Investors

Innovators
(R&D)

IP offices
and
policymakers

■ WIPO collects filing and registration statistics for the following IP rights:

Patent and Utility models



(Photo: flickr.com/Daniel Foster)

Trademarks



(Photo: flickr.com/Marina Noordegraaf)

Industrial designs



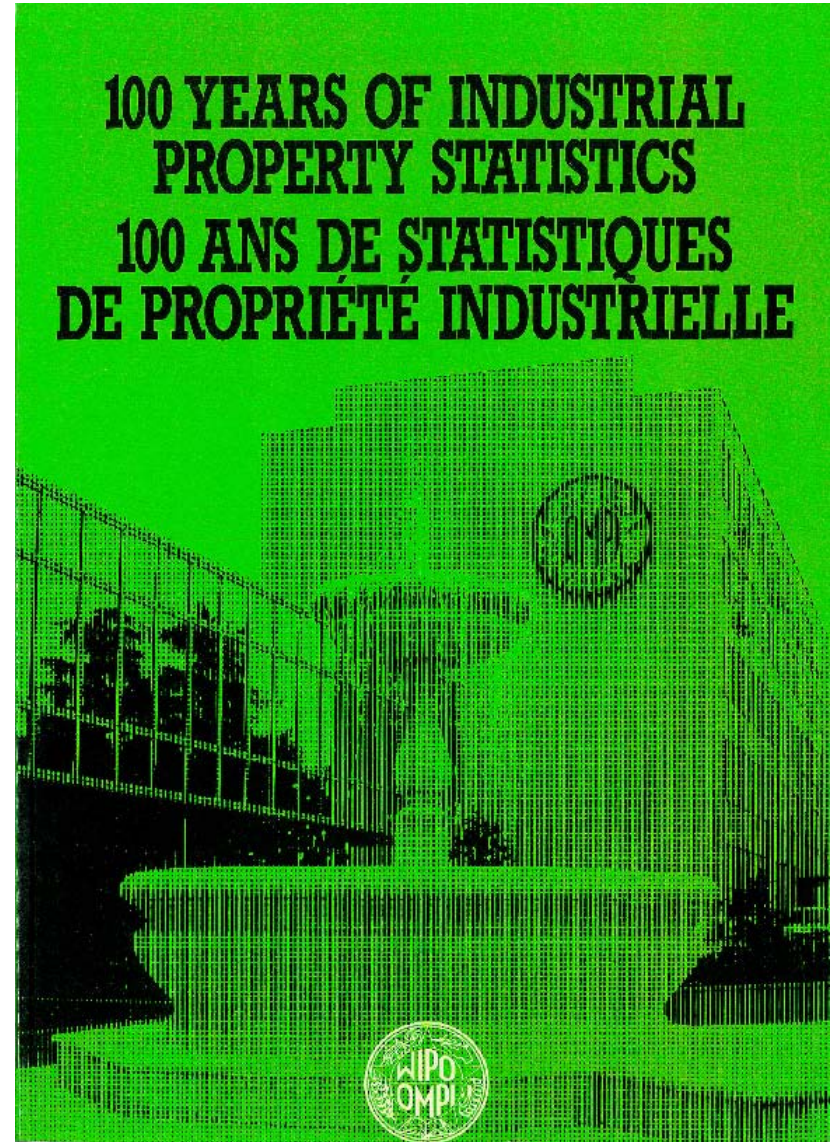
(Photo: flickr.com/Lhyza Libertad)

Plant varieties

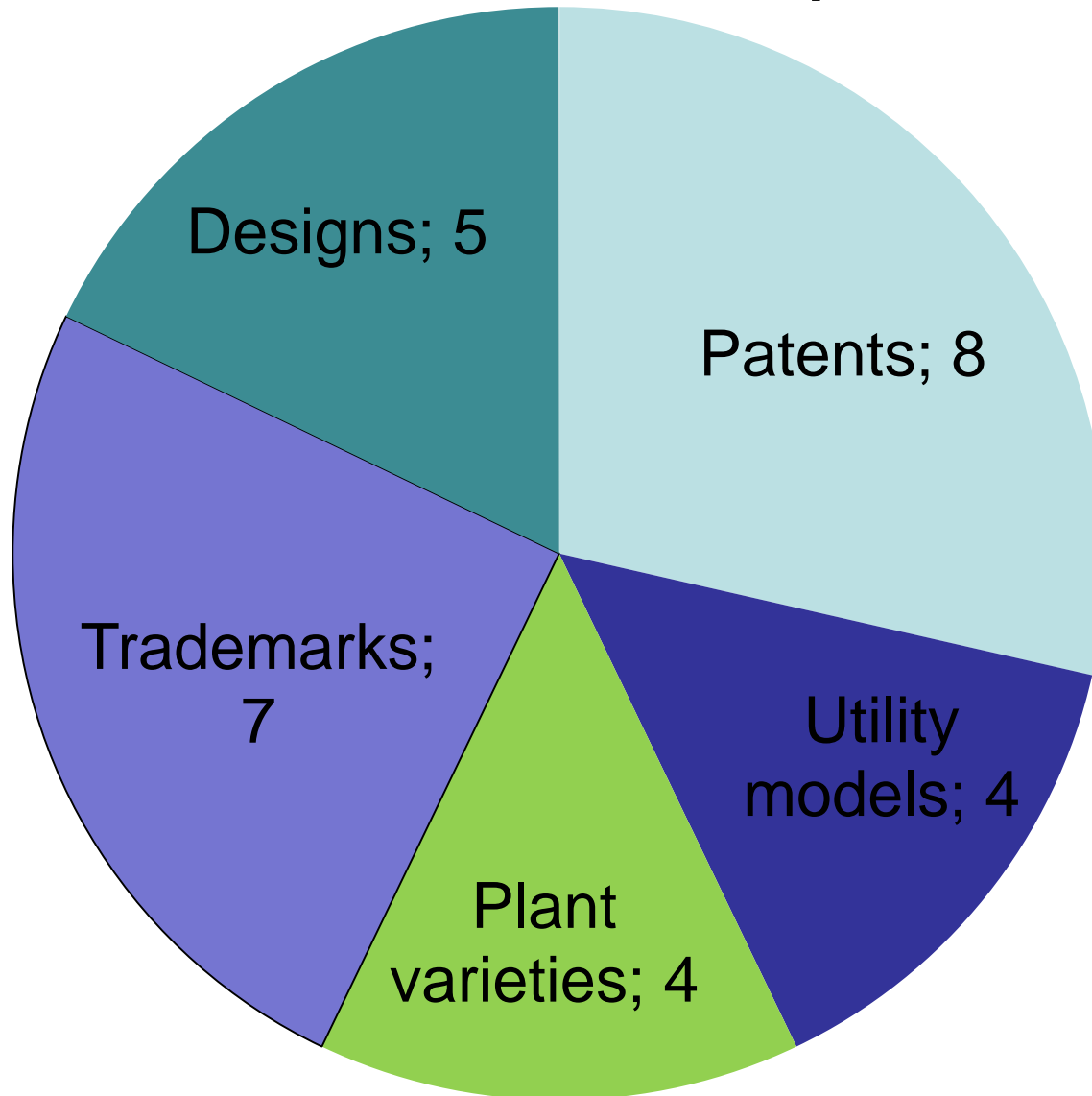


(Photo: flickr.com/backonthebus)

- The International Bureau has been collecting and publishing IP filing and registration statistics from national offices since 1883



■ WIPO's 28 IP statistics questionnaires



■ Patent statistics questionnaires

- Patent **filings** by country of origin
- Patent **grants** by country of origin
- Patent grants by year of filing
- Patents **pending**
- Patents **in force** by origin
- Patents in force by year of filing
- **Regional Patent validations** (applies to ARIPO and EPO only)
- Patent filings under the PPH program

Patent filings by country of origin

WIPO Industrial Property Statistics

Patents **2015**

Table: Patent Filings - by Origin

Office Information: Enter data into the green-colored cells where applicable

Please do not include utility model / petty patent statistics. If not possible, please specify this in the Notes box.

Reporting Office: (two-letter Office code)
 Year: (calendar year, i.e., 1 January to 31 December)

Notes: (please enter any explanatory notes as necessary)

- Provisional patent applications should not be included

Direct filings at your office PCT National Phase Entries Total

Check Totals:

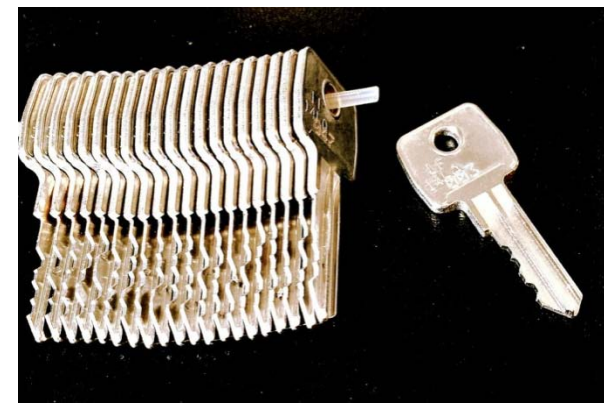
Country/Territory of Origin

ZW (DOMESTIC FILINGS)

AF	Afghanistan	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
AL	Albania	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
DZ	Algeria	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
AD	Andorra	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
AO	Angola	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
AG	Antigua and Barbuda	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
AR	Argentina	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

ZM	Zambia	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
ZW	Zimbabwe	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
XX	OTHERS	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

■ Two-letter codes according to WIPO Standard ST.3 and ISO 3166



(Photo: flickr.com/Den's Lens 2000)

ANNEX A, SECTION 1

LIST OF STATES, OTHER ENTITIES AND INTERGOVERNMENTAL ORGANIZATIONS,
IN ALPHABETIC SEQUENCE OF THEIR SHORT NAMES,
AND THEIR CORRESPONDING CODES

AFGHANISTAN	AF	CONGO (see Congo, below; Democratic Republic of the Congo)	
AFRICAN INTELLECTUAL PROPERTY ORGANIZATION (OAPI) ⁽¹⁾	OA	CONGO	CG
AFRICAN REGIONAL INTELLECTUAL PROPERTY ORGANIZATION (ARIPO) ⁽¹⁾	AP	COOK ISLANDS	CK
ALBANIA	AL	COSTA RICA	CR
ALGERIA	DZ	CÔTE D'IVOIRE	CI
ANDORRA	AD	CROATIA	HR
ANGOLA	AO	CUBA	CU
		CURAÇAO.....	CW

■ Utility model statistics questionnaires

- Utility model **filings** by country of origin
- Utility model **grants** by country of origin
- Utility models **in force** by origin
- Utility models in force by year of filing

■ Trademark statistics questionnaires

- Trademark **applications** by country of origin
- Trademark **registrations** by country of origin
- Trademark registrations **in force** by year of registration

- Trademark applications by **class**
- Trademark registrations by class

- **Collective and certification mark** applications by country of origin
- **Collective and certification marks in force** by year of registration

■ Trademark applications by country of origin

WIPO Industrial Property Statistics Marks - 2015

If your office accepts multi-class applications, please provide in the second column the total number of classes specified in applications.

Table: Trademark Applications by Origin

Office Information: (Enter data into the green-colored cells where applicable)

Reporting Office: (two-letter Office Code)
 Year: (calendar year, i.e., 1 January to 31 December)

Notes: (please enter any explanatory notes as necessary)

Data: Please do not include applications resulting from Renewals or from Madrid Designations.

Direct applications at your office

Total number (sum) of classes specified in these applications

Check Totals:

Country/Territory of Origin

KE	(DOMESTIC APPLICATIONS)	<input type="text" value="0"/>	<input type="text" value="0"/>
----	-------------------------	--------------------------------	--------------------------------

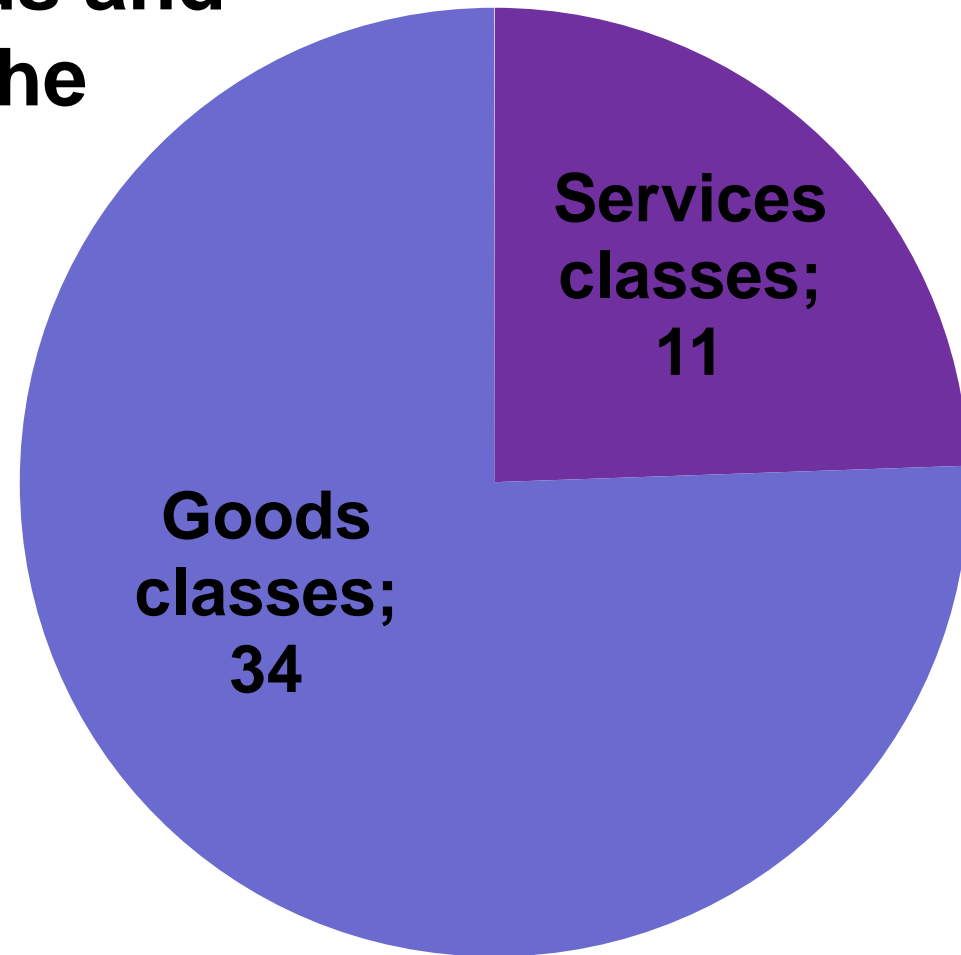
AF	Afghanistan	<input type="text"/>	<input type="text"/>
AL	Albania	<input type="text"/>	<input type="text"/>
DZ	Algeria	<input type="text"/>	<input type="text"/>
AD	Andorra	<input type="text"/>	<input type="text"/>
AO	Angola	<input type="text"/>	<input type="text"/>

YE	Yemen	<input type="text"/>	<input type="text"/>
ZM	Zambia	<input type="text"/>	<input type="text"/>
ZW	Zimbabwe	<input type="text"/>	<input type="text"/>
XX	OTHERS	<input type="text"/>	<input type="text"/>

■ The Nice Classification classification of goods and services applied for the registration of marks

Top Nice classes

- **Service class 35** – Advertising and business management
- **Goods class 9** – Scientific, photographic, computers and software
- **Goods class 25** – Clothing



■ Trademark applications by class

WIPO Industrial Property Statistics Marks - 2015

Table: Trademark Applications by Class

Office Information: (Enter data into the green-colored cells where applicable)

Reporting Office: (two-letter Office Code)
Year: (calendar year, i.e., 1 January to 31 December)

Notes: (please enter any explanatory notes as necessary)

Data: Please do not include applications resulting from Renewals or from Madrid Designations.

Check Totals:

20	0	0	4	0	6
----	---	---	---	---	---

Country/Territory of Origin

Nice Class:

01	02	03	04	05
----	----	----	----	----

IT (DOMESTIC APPLICATIONS)

0					
---	--	--	--	--	--

AF	Afghanistan	0					
AL	Albania	0					
DZ	Algeria	0		4		6	
AD	Andorra	0					

10	0
----	---

44	45
----	----

--	--

10	

00 = 4 + 6 + 10

■ Harmonizing differences in trademark filing and registration systems across IP offices

IP offices following a **single class** filing system: **1** Nice class per application



(Photo: flickr.com/Ana Danesh)

≠

IP offices following a **multiple class** filing system: **several** Nice classes per application



(Photo: flickr.com/xoheidiox)

■ Offices that follow a **single** class filing and registration system (example)

5 applications



One application for each Nice class, so there are **5** classes specified in these **5** applications

■ Offices that follow a **multiple** class filing and registration system (example)

5 applications



One or more Nice classes, for example **20**, can be specified in these **5** applications

Trademark applications by country of origin

WIPO Industrial Property Statistics Marks - 2015

Table: Trademark Applications by Origin

Office Information: (Enter data into the green-colored cells where applicable)

Reporting Office: (two-letter Office Code)
Year: (calendar year, i.e., 1 January to 31 December)

If your office accepts multi-class applications, please provide in the second column the total number of classes specified in applications.

Notes: (please enter any explanatory notes as necessary)

Data: Please do not include applications resulting from Renewals or from Madrid Designations.

Direct applications at your office

Total number (sum) of classes specified in these applications

5

20

Check Totals:

Country/Territory of Origin

IT (DOMESTIC APPLICATIONS)

AF	Afghanistan		
AL	Albania		
DZ	Algeria		
AD	Andorra		
AO	Angola		

YE	Yemen		
ZM	Zambia		
ZW	Zimbabwe		
XX	OTHERS		

This is a sum of the number of classes specified NOT Nice class numbers 1 to 45.

■ Trademark applications by class

WIPO Industrial Property Statistics Marks - 2015

Table: Trademark Applications by Class

Office Information: (Enter data into the green-colored cells where applicable)

Reporting Office: (two-letter Office Code)
 Year: (calendar year, i.e., 1 January to 31 December)

Notes: (please enter any explanatory notes as necessary)

Data: Please do not include applications resulting from Renewals or from Madrid Designations.

Check Totals:

20	0	0	4	0	6
----	---	---	---	---	---

Country/Territory
of Origin

Nice Class:

01	02	03	04	05
----	----	----	----	----

IT (DOMESTIC APPLICATIONS)

0					
---	--	--	--	--	--

AF	Afghanistan	0					
AL	Albania	0					
DZ	Algeria	4		4		6	
AD	Andorra	0					

10	0
----	---

44	45
----	----

--	--

10	

20 = 4 + 6 + 10


■ Industrial design statistics questionnaires

- Design **applications** by country of origin
 - Design **registrations** by country of origin
 - Design registrations **in force** by year of registration
- Design applications by **class**
 - Design registrations by class

■ Offices that follow a **single** design filing and registration system (example)

10 applications  1 application = 1 design, so these **10** applications contain **10** designs

■ Offices that follow a **multiple** design filing and registration system (example)

10 applications  Each application can contain one or more designs, so these **10** applications can contain, for example, a total of **60** designs

Industrial design applications by origin

WIPO Industrial Property Statistics Industrial Designs - 2015

If your office accepts applications that contain multiple designs, please provide in the second column the total number of designs contained in the applications.

Table: Design Applications by Origin

Office Information: (Enter data into the green-colored cells where applicable)

Reporting Office: (two-letter Office code)
Year: (calendar year, i.e., 1 January to 31 December)

Notes: (please enter any explanatory notes as necessary)

Data: Please do not include applications resulting from Renewals or from Hague Designations.

Direct applications at your office

Total Number of Designs contained in these applications

Check Totals:

Country/Territory of Origin

FR (DOMESTIC APPLICATIONS)

	10	60
--	----	----

AF	Afghanistan		
AL	Albania		
DZ	Algeria		
AD	Andorra		
AO	Angola		
AG	Antigua and Barbuda		
AR	Argentina	10	60
AM	Armenia		

■ Plant variety protection statistics questionnaires – (not applicable in many African countries)

- Plant variety protection **applications** by origin
- Plant variety protection **titles** by origin
- Plant variety protection titles **in force** by year of registration
- Plant variety protection titles in force at end of reporting year

■ IP Statistics questionnaires and explanatory notes

www.wipo.int/ipstats/en/data_collection/questionnaire

Data Collection - Member States

WIPO invites national and regional IP offices to participate in our annual worldwide collection of data on industrial property statistics. We are now compiling 2015 data.

Please complete and return the questionnaires that apply to your office by **April 15, 2016**, to ipstats.mail@wipo.int. For offices with limited internet access, paper versions of the questionnaires can be sent upon request.

WIPO employs certain standards for collecting and reporting IP statistics. We ask you to adhere to the following:

- base your data on calendar year (January 1-December 31);
- please use only the two-letter codes defined by the ISO 3166-1-alpha-2 standard (search by selecting "Country codes") or according to WIPO Standard ST.3 [PDF](#)
- define the country of origin based on the residency of the first named applicant.

[Download all questionnaires for 2015](#)

Additional resources

- [Explanatory notes](#)
- 2014 questionnaires [ZIP](#)

Simplified questionnaire

WIPO Industrial Property Statistics - Simplified questionnaire -

Complete questionnaires and further explanatory notes are available at: www.wipo.int/ipstats/en/data_collection/questionnaire/

You do not need to provide data for years prior to 2015 if you have already submitted these in the past.

Do not hesitate to contact us at: ipstats.mail@wipo.int

Please return this questionnaire to:

ipstats.mail@wipo.int

Your office (to be completed)

Country name	
Two-letter country code (ISO3166)	
Office name	

A. Patents

Note: Please do **not** include utility models, petty patents, provisional applications, etc.

A1: Patent applications filed

Year of filing:

Residents:

Non-residents - filed directly at your office

Non-residents - PCT national phase entries

Total:

	2012	2013	2014	2015
Residents:				
Non-residents - filed directly at your office				
Non-residents - PCT national phase entries				
Total:	0	0	0	0

A2: Patents granted

Year of grant:

Residents:

Non-residents:

Total:

	2012	2013	2014	2015
Residents:				
Non-residents:				
Total:	0	0	0	0

- **Statistics from IP offices are combined with data compiled from WIPO-administered systems**



Presentation and dissemination of national and regional IP office statistics at www.wipo.int/ipstats/en/

- WIPO IP Statistics Data Center
- IP Statistical Country Profiles
- World Intellectual Property Indicators publication
- WIPO IP Facts and Figures publication

■ Online dynamic IP Statistics Data Center

WIPO IP Statistics Data Center

Source: WIPO statistics database. Last updated: December 2015

Links

- [Find out more about the Data Center](#)

Key indicators **Patent** Trademark Industrial design Utility model PCT Madrid Hague

Indicator 1a- Direct applications

Report type Resident and non-resident count by filing office

Year range 1980 2014

Select office

Venezuela (Bolivarian Republic of)	» Add all	African Regional Intellectual Property Orga
Viet Nam	» Add	Bahamas
Yemen	« Remove	Botswana
Zaire	« Remove all	Gambia
Zambia		Ghana
Zimbabwe		Kenya
World		Lesotho
Africa		Liberia
Asia		Malawi

Search

Reset

Statistical Country Profiles



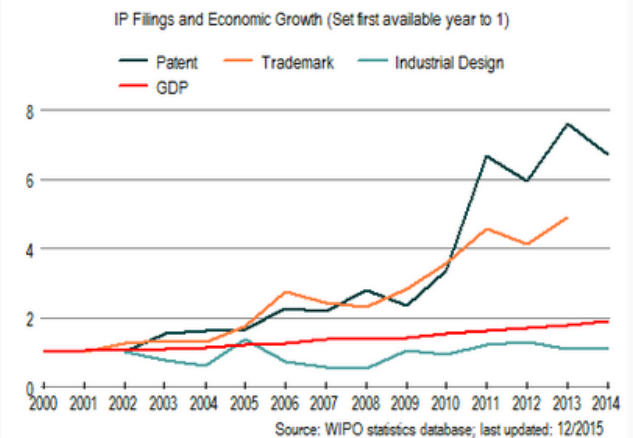
Kenya

Population (Million): 45.55 (2014) (Rank = 30)

Gross Domestic Product (Billion US\$)(Constant 2011 US\$ (PPP)): 126.44 (2014) (Rank = 69)

IP Filings (Resident + Abroad, Including Regional) and Economy

Year	Patent	Trademark	Industrial Design	GDP (Constant 2011 US\$)
2000				67.06
2001		628		69.59
2002	24	797	73	69.97
2003	37	836	56	72.02
2004	39	815	45	75.70
2005	40	1,090	102	80.17
2006	54	1,714	54	85.24
2007	52	1,529	42	91.21
2008	67	1,438	39	91.42
2009	56	1,774	76	94.44
2010	81	2,236	69	102.38
2011	160	2,871	87	108.63
2012	143	2,599	94	113.58
2013	182	3,087	80	120.04
2014	161		79	126.44

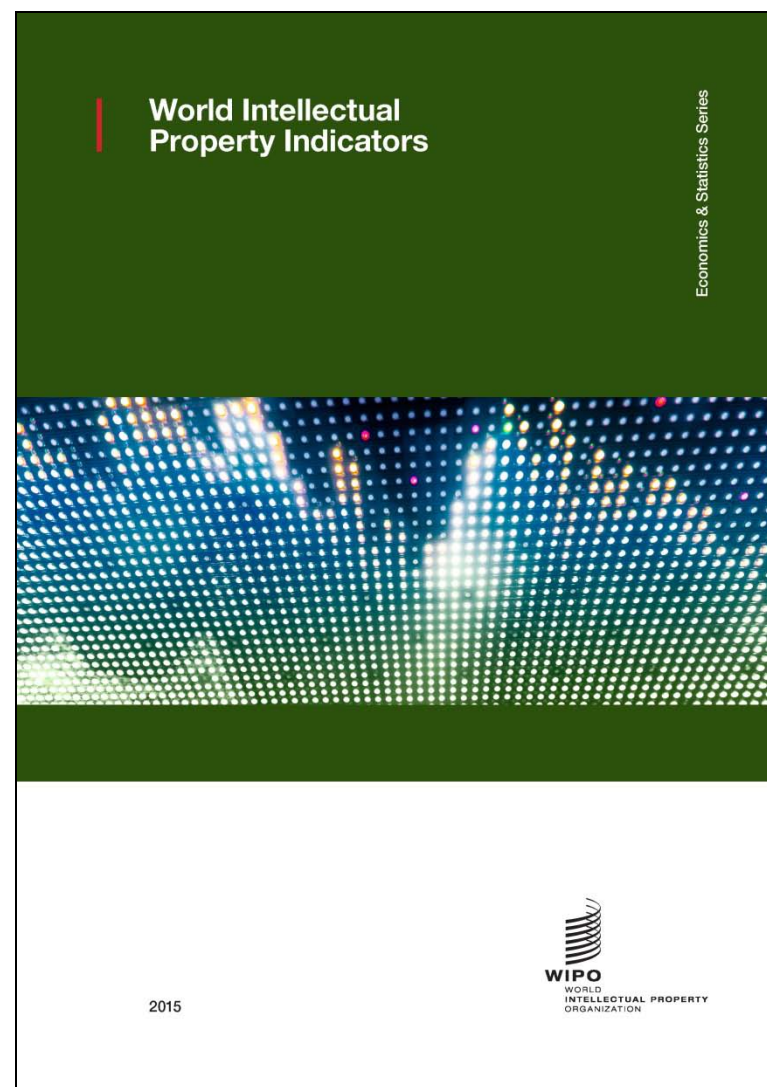


■ World Intellectual Property Indicators

Over 100 pages of simple graphs and tables covering the latest trends in filing and registration of IP rights

Grouped by technologies and industries

Contrasted against population and GDP



■ WIPO IP Facts and Figures

Provides a simplified overview of the *World Intellectual Property Indicators* publication

Serves as a quick reference guide to the latest year of filing and registration statistics for most IP offices worldwide

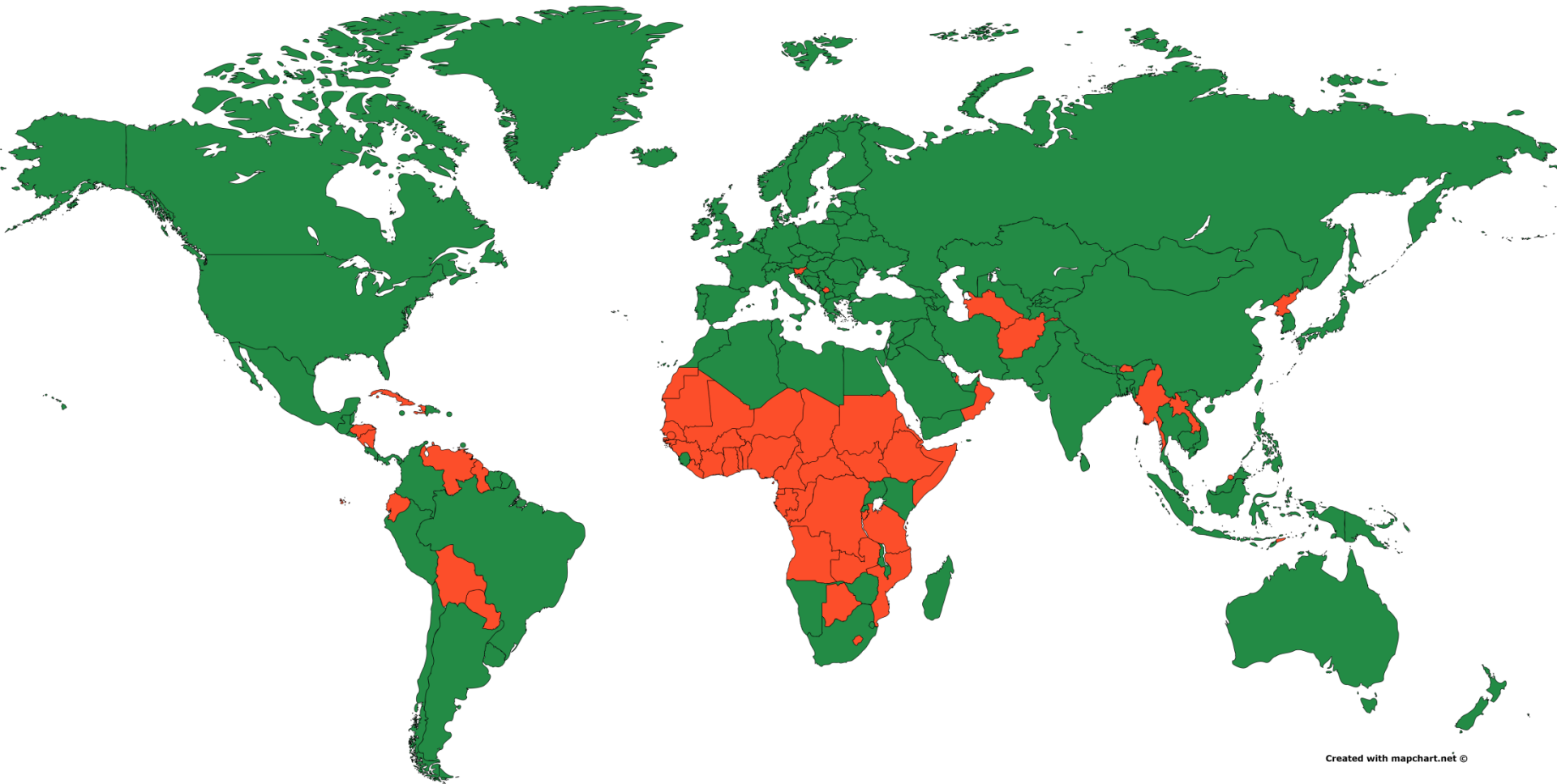


Statistical publications for WIPO-administered treaties



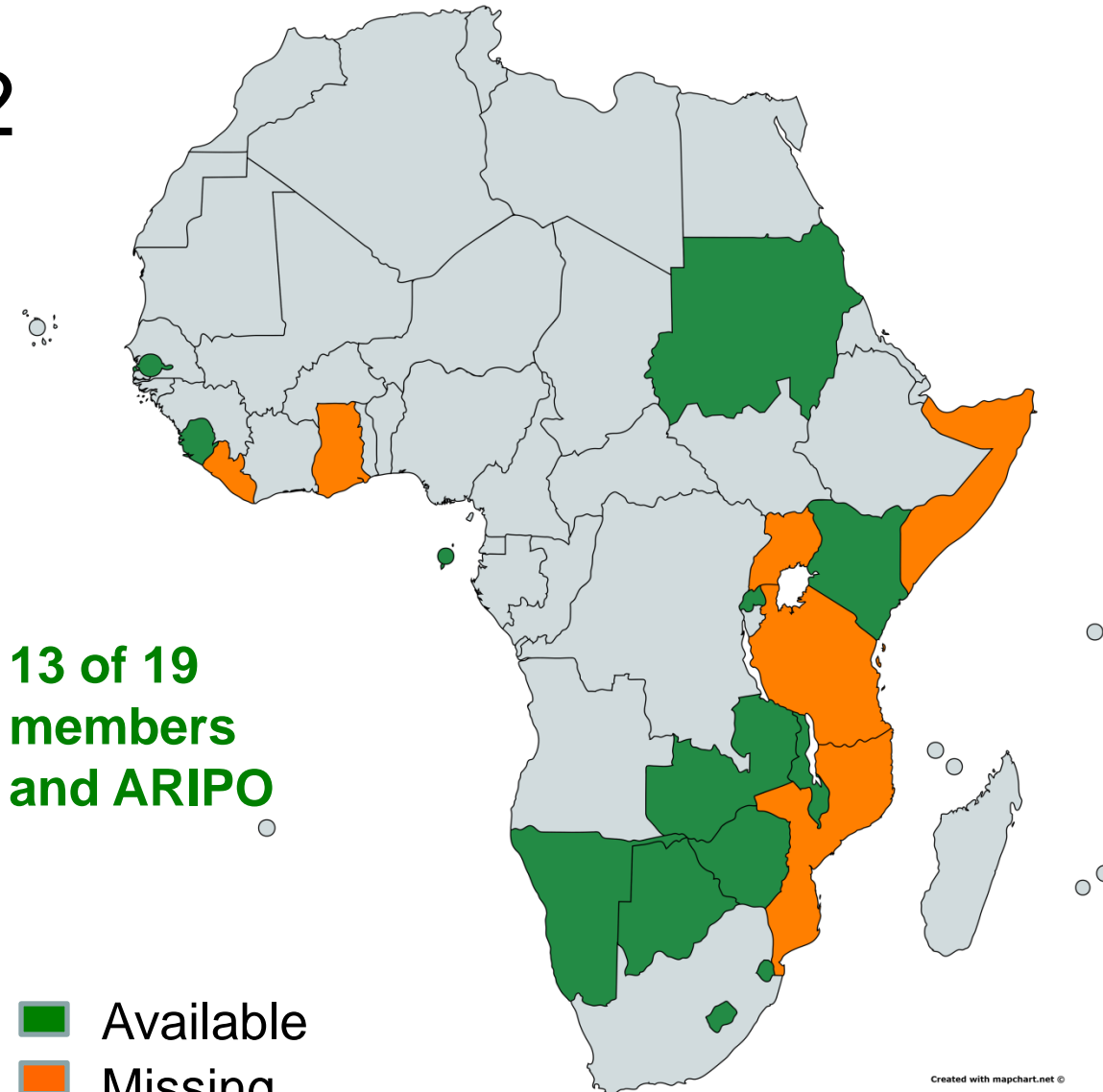
Comprehensive facts, figures and analysis of the international patent, trademark and industrial design systems

■ 128 national and regional IP offices replied to WIPO's annual IP statistics survey for 2015



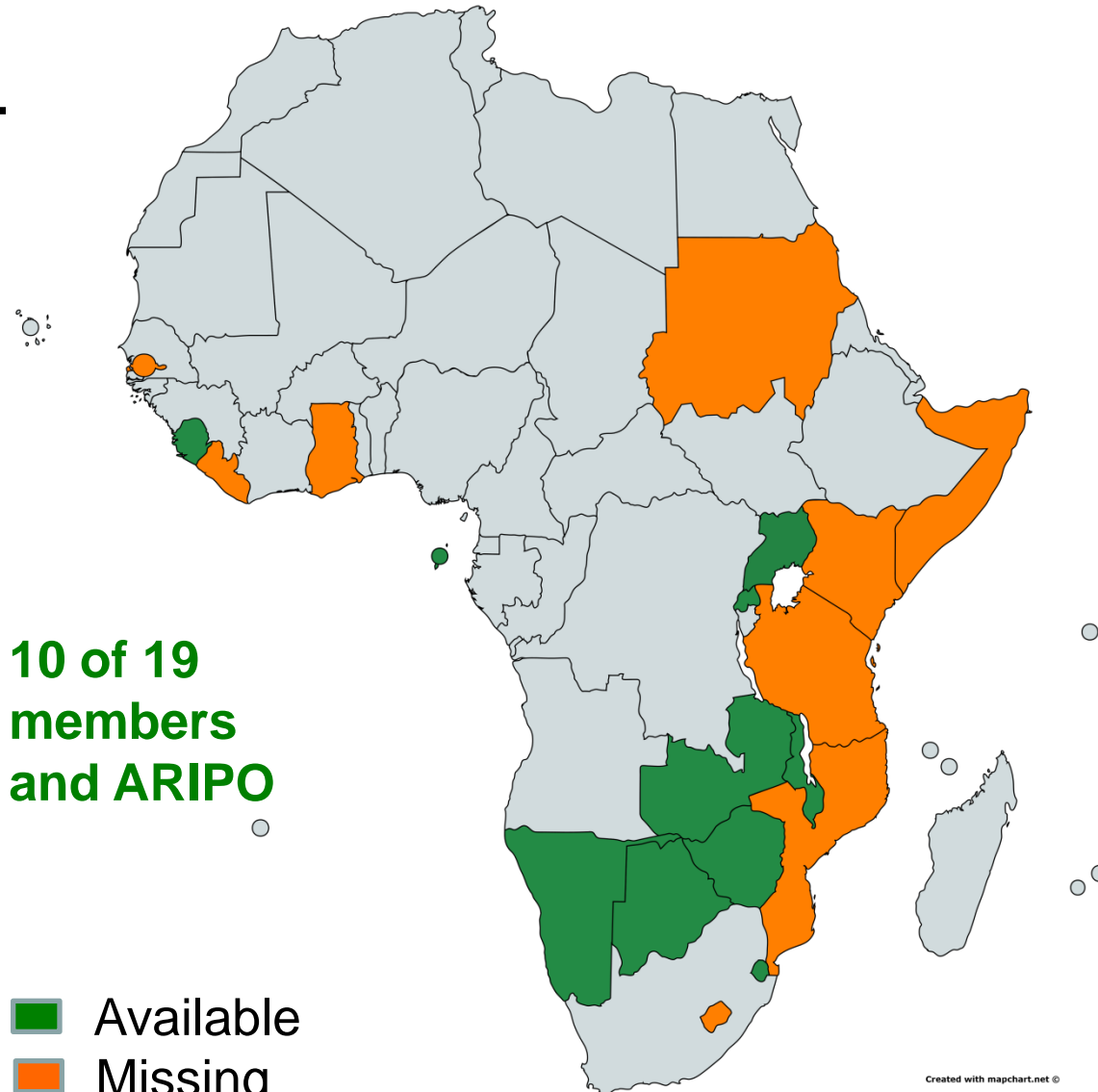
Created with mapchart.net ©

■ 2012



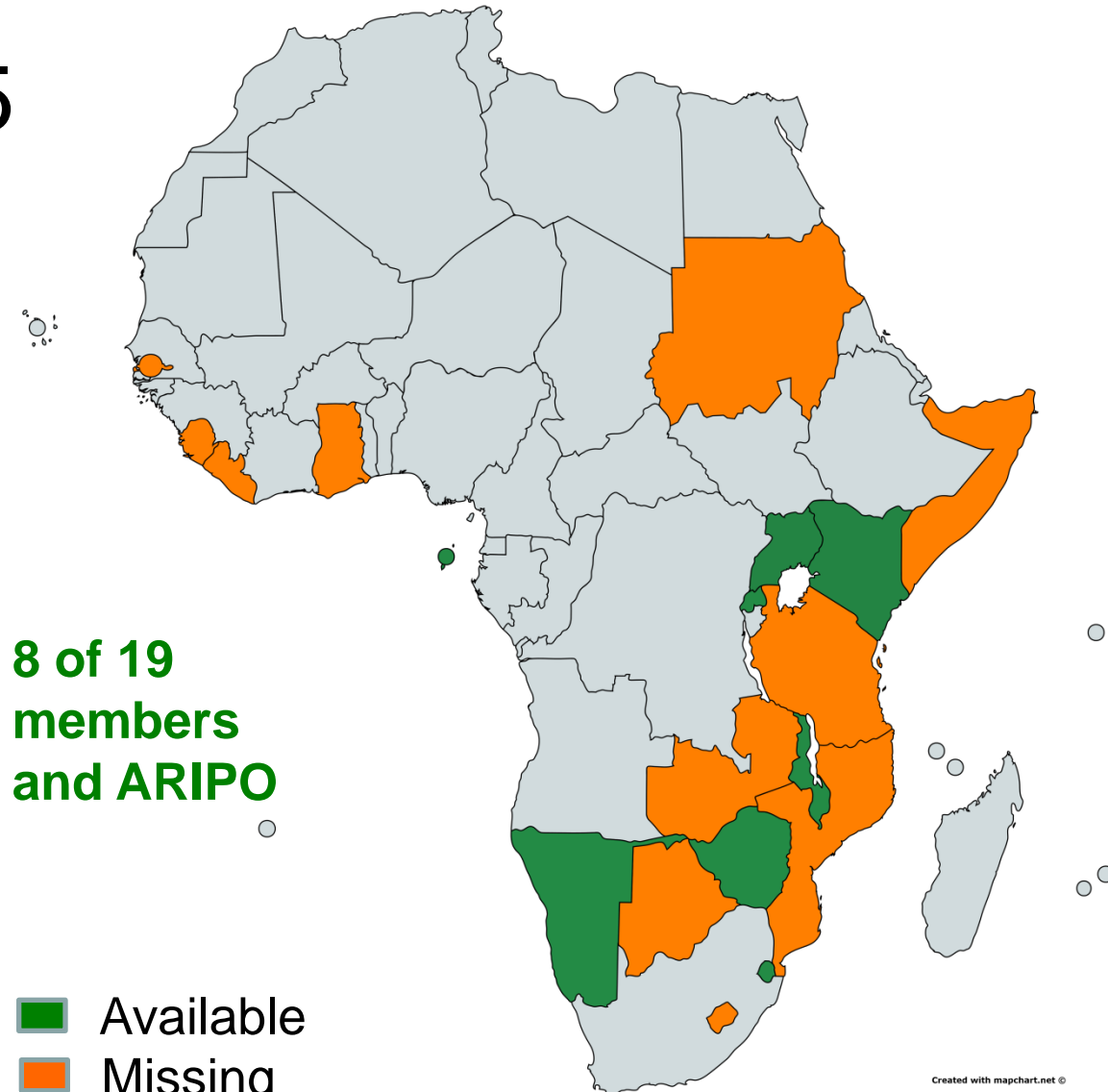
ARIPO
member
countries

■ 2014



Created with mapchart.net ©

■ 2015



8 of 19
members
and ARIPO

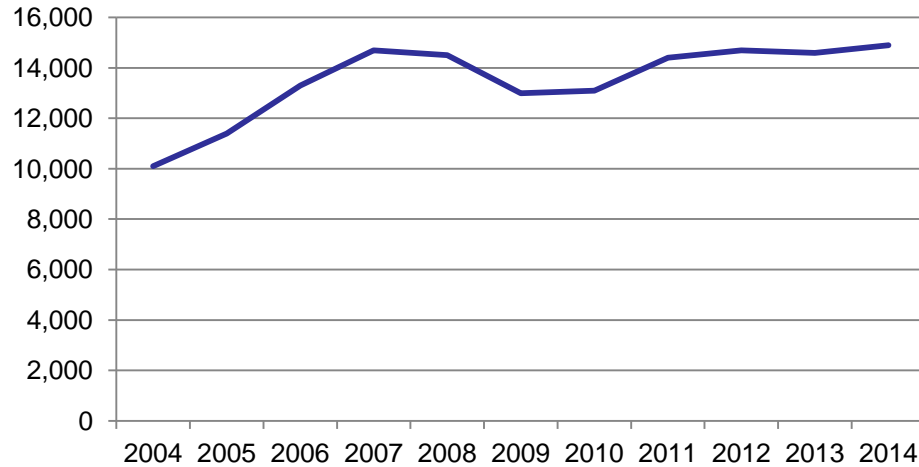
ARIPO
member
countries

- Available
- Missing

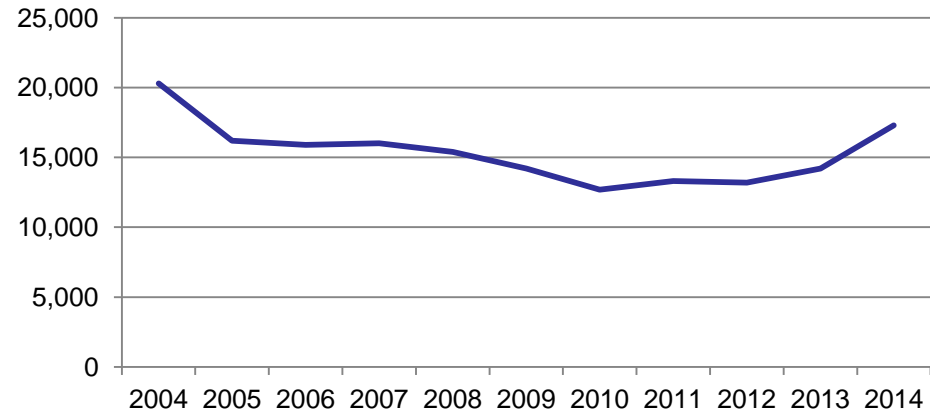
Created with mapchart.net ©

IP filing trends in Africa

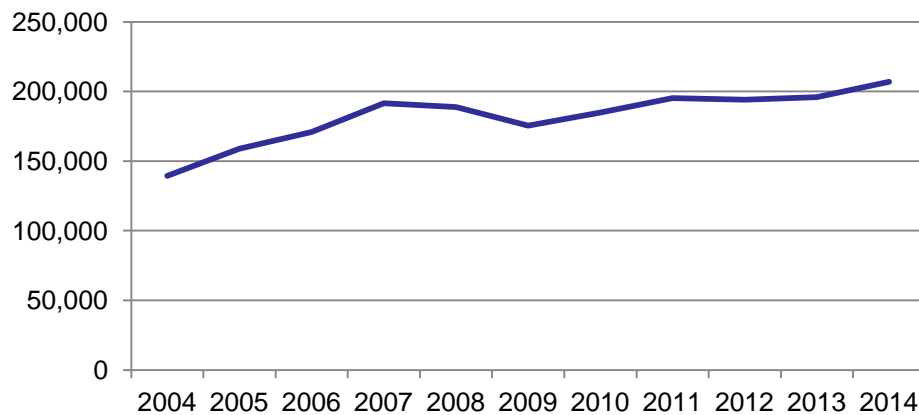
Patent applications in Africa



Designs in ID applications in Africa

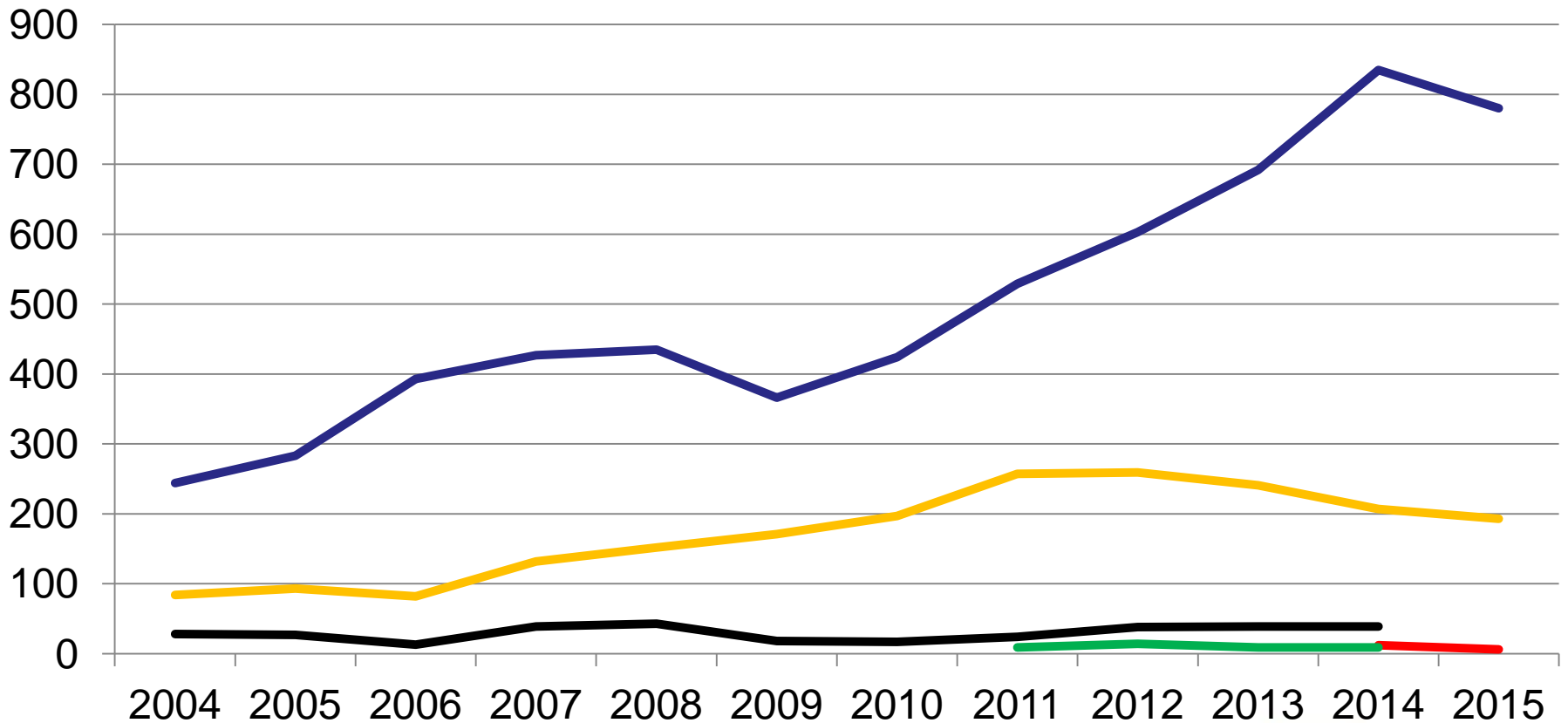


Trademark application class counts in Africa

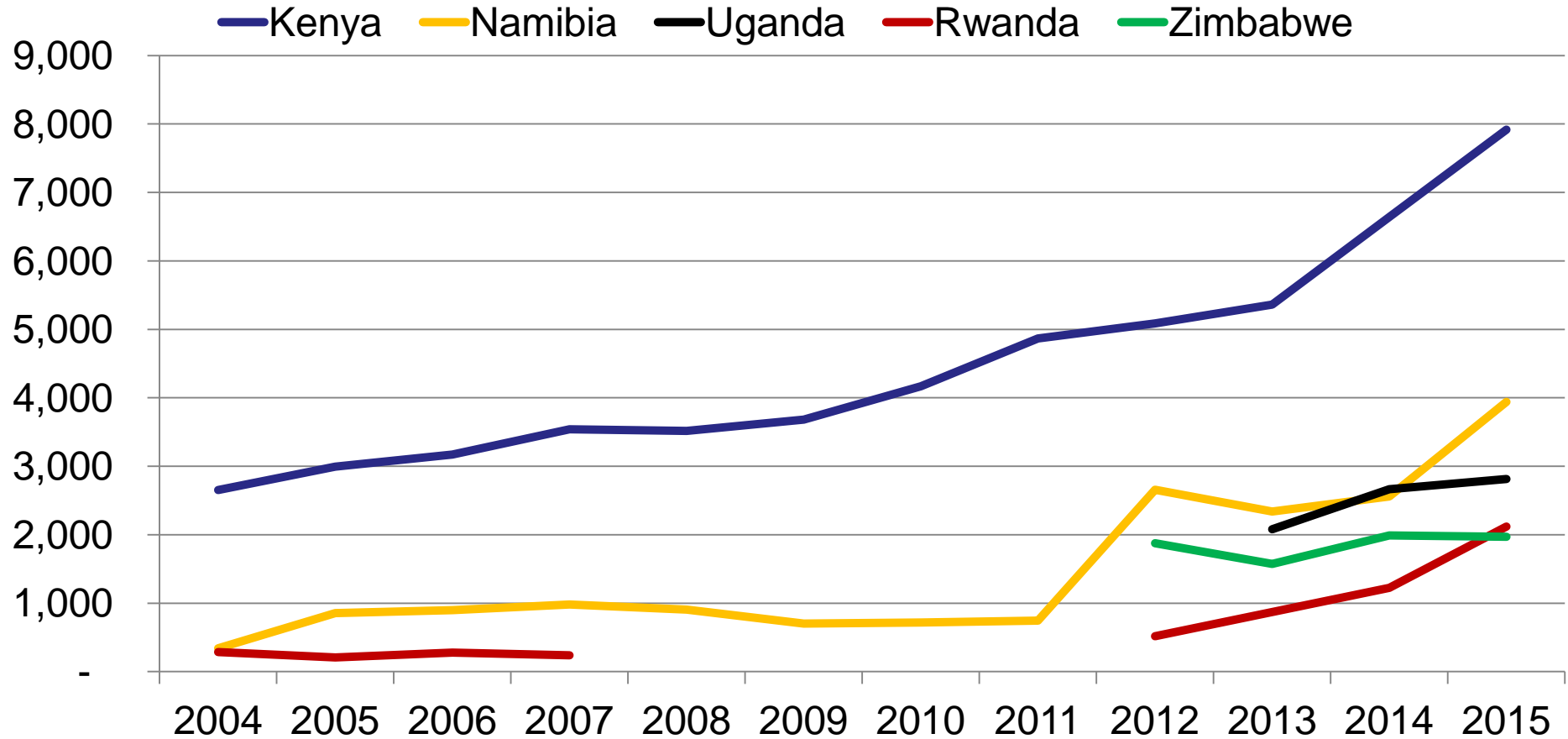


■ Patent filing trends for selected ARIPO member states

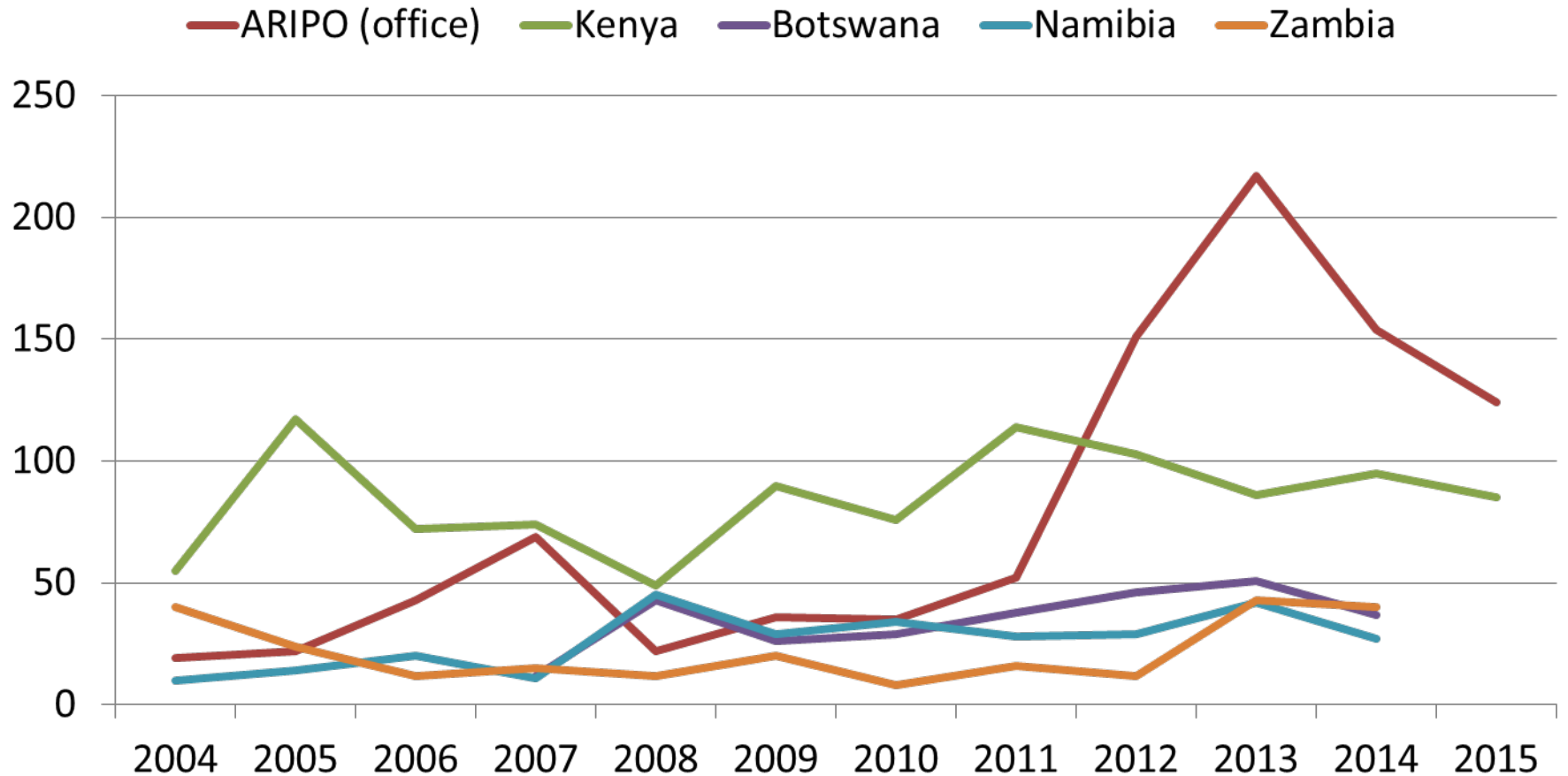
— ARIPO (office) — Kenya — Zambia — Rwanda — Botswana



■ Trademark filing trends for selected ARIPO member states



Industrial design filing trends for selected ARIPO member states



■ Collaboration and cooperation

- Any questions on how we can help?
- Website: www.wipo.int/ipstats/
- e-mail: ipstats.mail@wipo.int

Ryan Lamb

WIPO Economics and Statistics Division