



INTELLECTUAL PROPERTY  
OFFICE OF THE PHILIPPINES



# IT Challenges in IP Office Operations

Using Advanced Data Analytics and Automation Techniques

December 5, 2022 | IPOPHL MPH

**Engr. CHARLES A. MERIOLES, CESO IV**  
**Director III, Information Technology Management Service**

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# **IPOPHL** **Rising** at **25**



**Creating a Silver-Bright Future**

Gawad Yamang Isip Awards  
& Stakeholders' Night

**6 June 2022 | 5:00 PM**

     IPOPHL | [www.ipophil.gov.ph](http://www.ipophil.gov.ph)



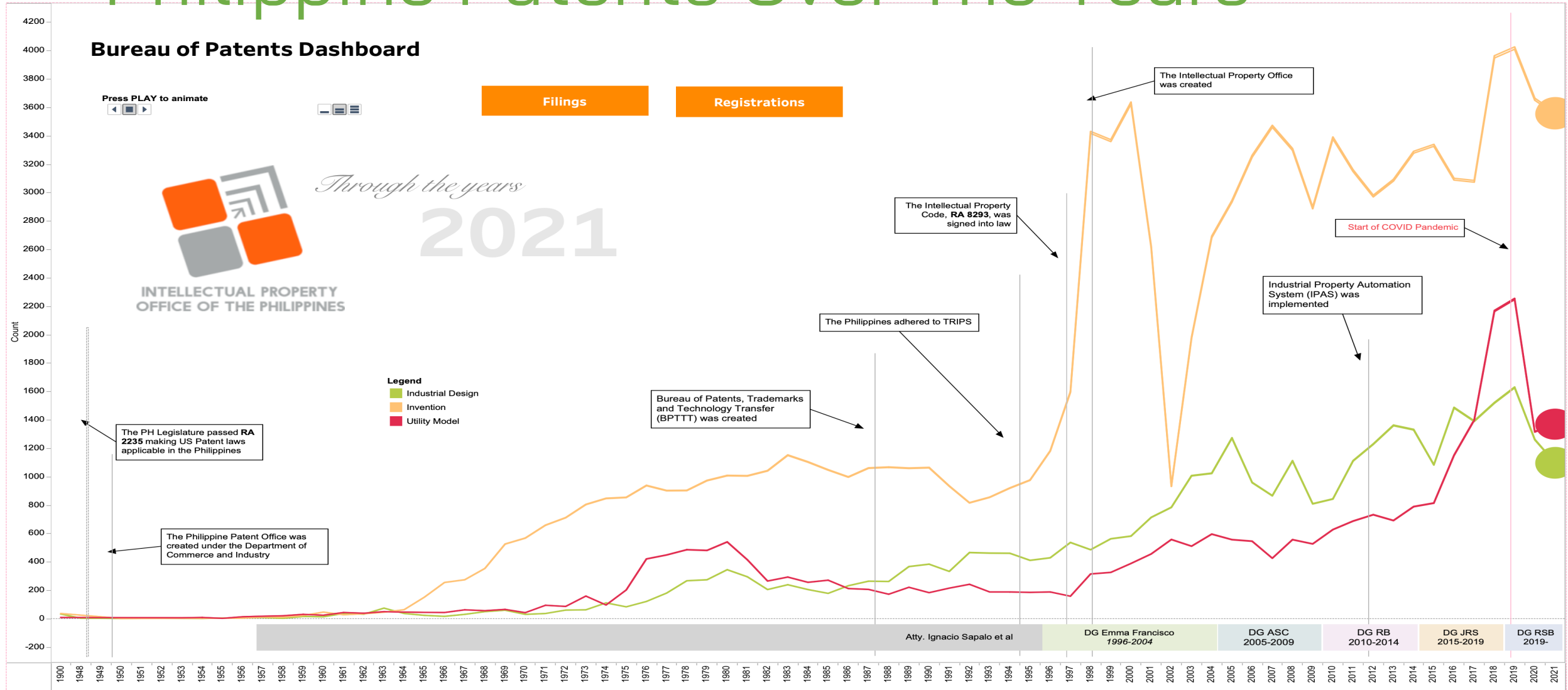
# IPOPHL celebrates 25 years of advancing innovation, creativity through the IP Code

     IPOPHL | [www.ipophil.gov.ph](http://www.ipophil.gov.ph)



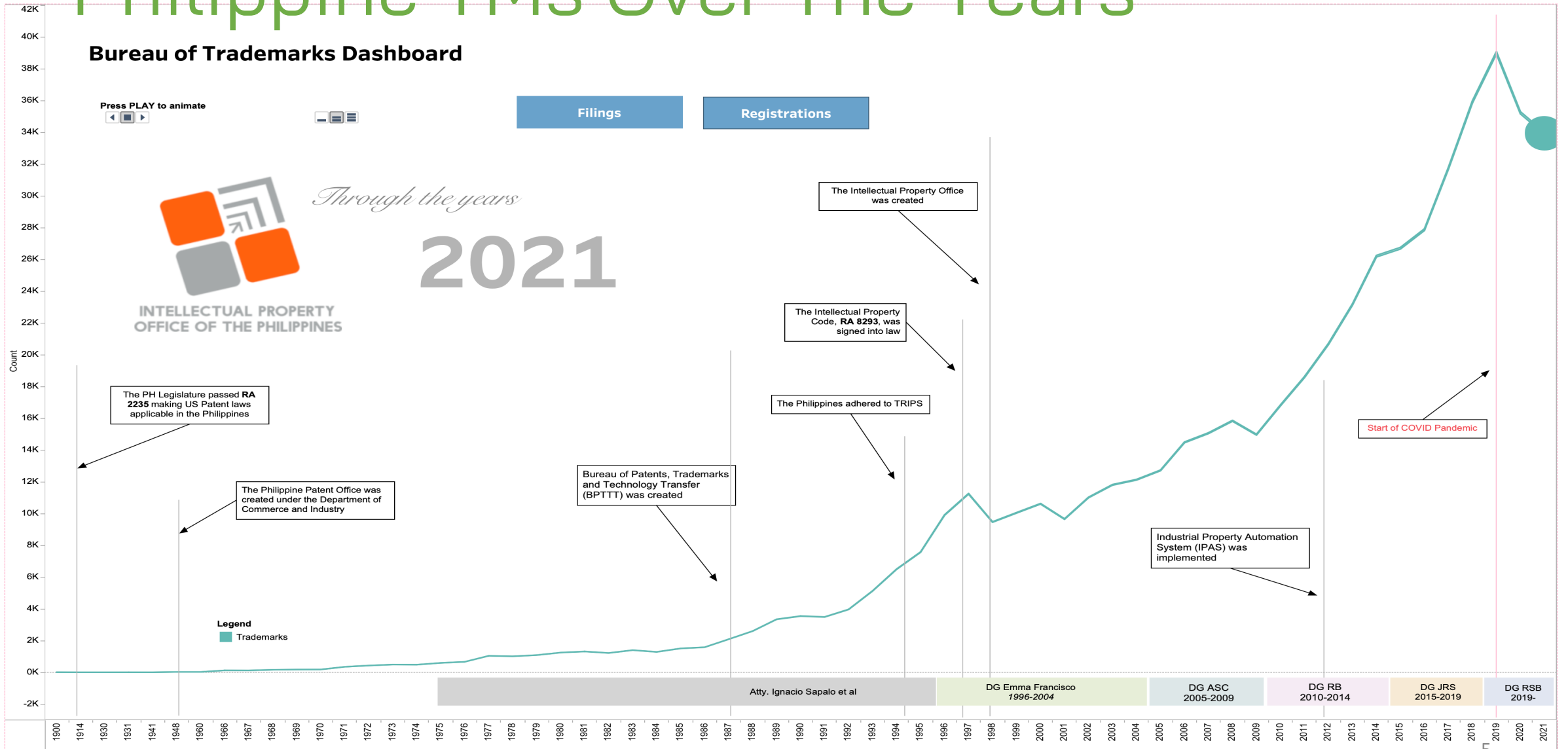
INTELLECTUAL PROPERTY  
OFFICE OF THE PHILIPPINES

# Philippine Patents Over The Years



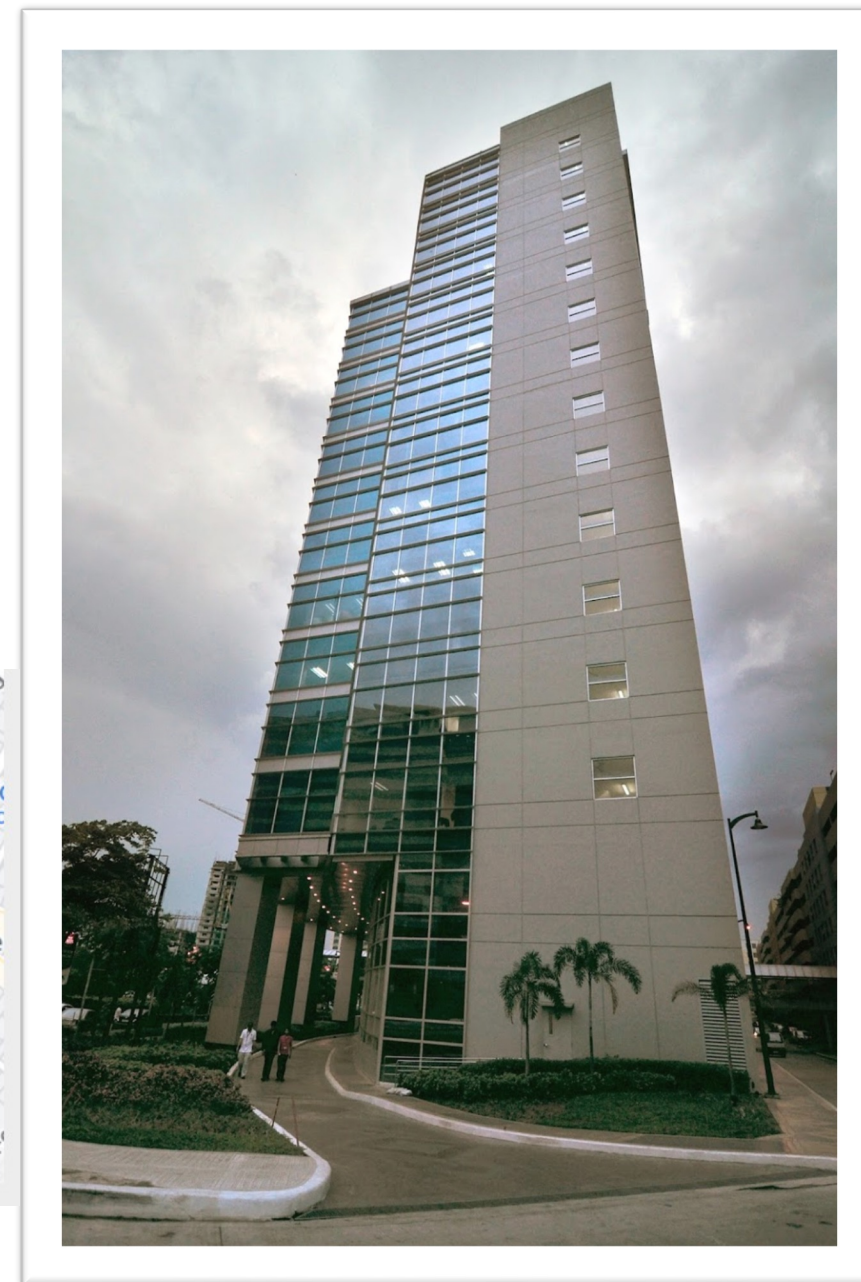
Datasource IP\_PATENT+ (IPOPHL-BI-2021) as of 11/23/2021 8:19:01 PM

# Philippine TMs Over The Years



# Our Main Office

Intellectual Property Center  
#28 Upper McKinley Road  
McKinley Hill Town Center  
Fort Bonifacio, Taguig City 1634  
Philippines



## IPOPHL REACHING OUT TO THE PROVINCES

# Call Center and Satellite Offices

### General Information

For IP related concerns such as processing and general queries about our services.

Trunkline: **(02) 7238-6300**



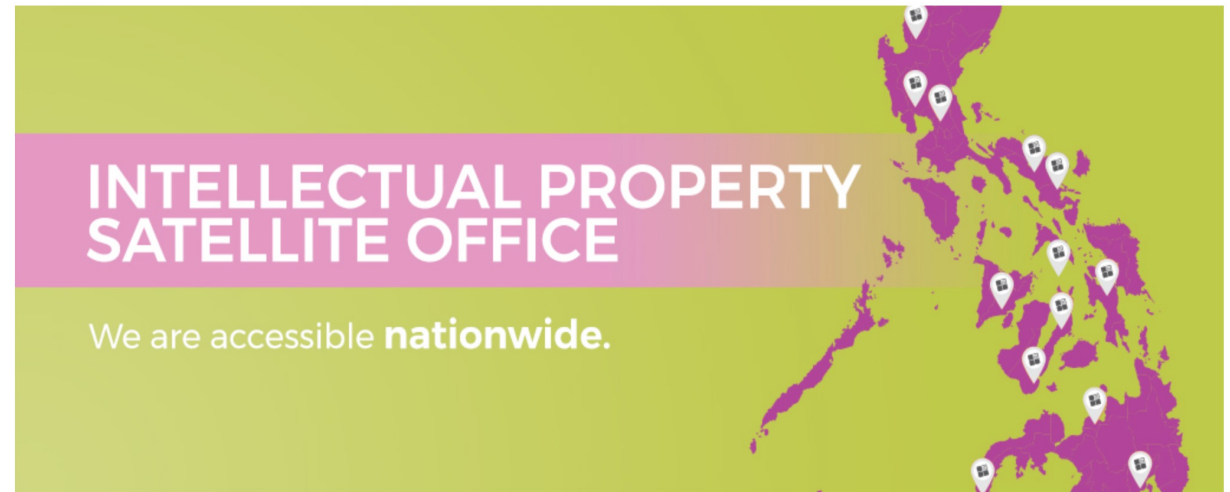
FB Messenger: **m.me/IPOPHL**

Customer Service:

**customerservice@ipophil.gov.ph**



[www.ipophil.gov.ph/contact-main-office](http://www.ipophil.gov.ph/contact-main-office)



The IPOPHL recognizes that effectively harnessing the intellectual property system towards economic development is a coordinated, nationwide undertaking.

To extend its services and capture IP creators outside of Metro Manila, IPOPHL maintains a network of Intellectual Property Satellite Offices (IPSOs) throughout Luzon, Visayas, and Mindanao, housed in Department of Trade and Industry (DTI) offices. **Find an IP office near you!**

- + BAGUIO [CAR]
- + VIGAN [REGION 1]
- + TUGUEGARAO [REGION 2]
- + PAMPANGA [REGION 3]
- + NCR
- + LEGASPI [REGION 5]
- + NAGA [REGION 5]
- + ILOILO [REGION 6]
- + CEBU [REGION 7]
- + DUMAGUETE [REGION 7]
- + TACLOBAN [REGION 8]
- + ZAMBOANGA [REGION 9]
- + CAGAYAN DE ORO [REGION 10]
- + DAVAO [REGION 11]
- + GENERAL SANTOS [REGION 12]
- + CARAGA [REGION 13]

## IPOPHL REACHING OUT ONLINE IN THE CYBERSPACE

# IP Online Services

### Online Filing:

- Patents - eInventionFile
- Industrial Design - eIDFile
- Utility Models - eUMFile
- Trademarks – eTMFile
- Copyrights and Related Rights
- Commercial Patent Search
- Technology Transfer
- Patent Search - PatentScope
- TM Search - TMView

### Post Filing Services:

- Doc Submission - eDocFile
- Correspondence – eCorr
- Virtual Mediation
- WebChat/ChatBot, etc.



**IPOPHIL.GOV.PH**

The screenshot displays the IPOPHL website interface. At the top, there is a navigation menu with options: GOVPH, HOME, ABOUT, SERVICES, PROGRAMS, UPDATES, REFERENCES, and CONTACT. A search bar is located on the right side of the header. Below the navigation, the main content area features a large banner with the IPOPHL logo and the slogan "Rising. Shining. Beckoning." alongside the "IPOPHL RISING Vision 2025" logo. A dropdown menu is open under the "SERVICES" tab, listing various online services such as eInventionFile (Patent), eUMfile (Utility Model), eIDfile (Industrial Design), eTM File (Trademark), eDocfile for Trademarks, eDocfile for Patents, About eCorr 2.0, Technology Transfer, Patent Search and Analytics, IP Enforcement, Downloadable Forms, Schedule of Fees, and Global IP Services. Below the banner, there is a text block that reads "left before the 1st Philippine International Copyright Summit!" with a link "Details about the Summit here." and a social media bar with icons for Facebook, Twitter, LinkedIn, and YouTube. At the bottom right, there is a yellow banner for the "1st Philippine International Copyright Summit (PICS)" featuring a large copyright symbol. A small chatbot icon is visible in the bottom right corner.



## IPOPHL REACHING OUT IN THE MOBILE SPACE

# IP Mobile Services

### Online Filing:

- Patents - eInventionFile
- Industrial Design -eIDFile
- Utility Models - eUMFile
- Trademarks – eTMFile
- Copyrights and Related Rights
- Patent Search
- Technology Transfer

### Other Services:

- Office Locator
- Report Violations
- Contact IPOPHL
- Pocket Reference
- Alerts/Notifications



**IPOPHL Mobiliz**  
A new mobile application  
delivering IPOPHL services

**DOWNLOAD THE APP NOW!**

Download on the App Store | GET IT ON Google Play

 [www.ipophil.gov.ph](http://www.ipophil.gov.ph)

     IPOPHL | [www.ipophil.gov.ph](http://www.ipophil.gov.ph)

INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

*Launch in October 2020*

IPOPHL REACHING OUT ONLINE

# IPOPHL Website



IPOPHIL.GOV.PH

The screenshot displays the IPOPHL website homepage. At the top, the logo of the Republic of the Philippines Intellectual Property Office is visible. A navigation menu includes 'E-SERVICES', 'REPORT AN IP VIOLATION', and 'HELP & SUPPORT'. The main banner features the text 'April is National Intellectual Property Month in the Philippines' and includes social media handles and the website URL. Below the banner, there are four columns of content: 'RESEARCHER' with a 'BASICS OF IP' button, 'INVENTORS, INNOVATORS, & INDUSTRIAL DESIGNERS' with a 'TRADEMARK' button, 'ENTREPRENEURS' with a 'TRADEMARK' button, and 'ARTISTS, AUTHORS, COPYRIGHT HOLDERS' with a 'COPYRIGHT' button.



E-SERVICES

REPORT AN IP VIOLATION

HELP & SUPPORT

**April** is  
**National Intellectual Property Month** in the Philippines

#IPMonthPHL2022 #IPDigitalEconomy  
#IPandYouth #IPOPHL25YEARS

Rising. Shining. Beckoning. 25 YEARS

INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

www.ipophil.gov.ph

## RESEARCHER

Browse our collection of materials on intellectual property

BASICS OF IP

## INVENTORS, INNOVATORS, & INDUSTRIAL DESIGNERS

Here are the requirements and steps to applying for grant of patent, and registering utility model and industrial design

## ENTREPRENEURS

Learn more about trademark registration and take a look at our business-related programs

TRADEMARK

## ARTISTS, AUTHORS, COPYRIGHT HOLDERS

Deposit copies of literary & artistic works for the issuance of a certificate of recordation and deposit

COPYRIGHT



September 24, 2021

# IPOPHL unveils newly enhanced analytics platform

Dives deeper into 4IR

<https://www.ipophil.gov.ph/news/4ir/>



## IPOPHL Levels Up Service with New Mobile App, Partners with DTI to Expand MSME Reach

October 19, 2020

Aiming to reach out to more creators and innovators and provide them an easier way to secure their intellectual property (IP) assets, the IP Office of the Philippines (IPOPHL) launched Monday, Oct. 19, its very own mobile application it named "IPOPHL Mobiliz."

## IPOPHL unveils newly enhanced analytics platform, dives deeper into 4IR

September 24, 2021

The Intellectual Property Office of the Philippines (IPOPHL) is one of the leading government agencies taking the Philippines into the realm of the Fourth Industrial Revolution (4IR). The agency proves this once again with its recent launch of the Business Intelligence (BI) v2.0 Online platform.



The newly released data visualization platform incorporates cutting edge machine learning/AI and advanced analytics features into its existing Big Data Infrastructure, which has intellectual property (IP) information collected from over 50 years.

"With the launch of our Business Intelligence v2.0 Online, IPOPHL expects a dramatic improvement in the agency's evidence-based decision-making processes through the use of real-time data visualizations, the power of

# Business Intelligence 2.0 / Data Analytics

Information is power!

Knowledge is King!

Data-driven  
Decision-making

Information and  
actionable insights  
at your fingertips!

Making 4IR a reality in government



And we live happily ever after, EOS, right?



INTELLECTUAL PROPERTY  
OFFICE OF THE PHILIPPINES

**WRONG!**

- Our automation goals are not optimized:  
*Our online filing facilities are barely there at only 15% utilization!*
- Awareness and appreciation on using advanced IT tools such as: Data Analytics, Data Visualization barely register on users, especially among the top management
- For example, releasing our first ever mobile app was just a one-day event



And of course, it can also be said that we at IPOP are a bunch of IT overachievers and nerds who cannot sit still. We are always ready to do more!

# IT Evolution in an Organization

**1950s**  
Data Processing

**1960s**  
Electronic Data Processing  
(EDP)



**1970/80s**  
Management Information  
Systems (MIS)

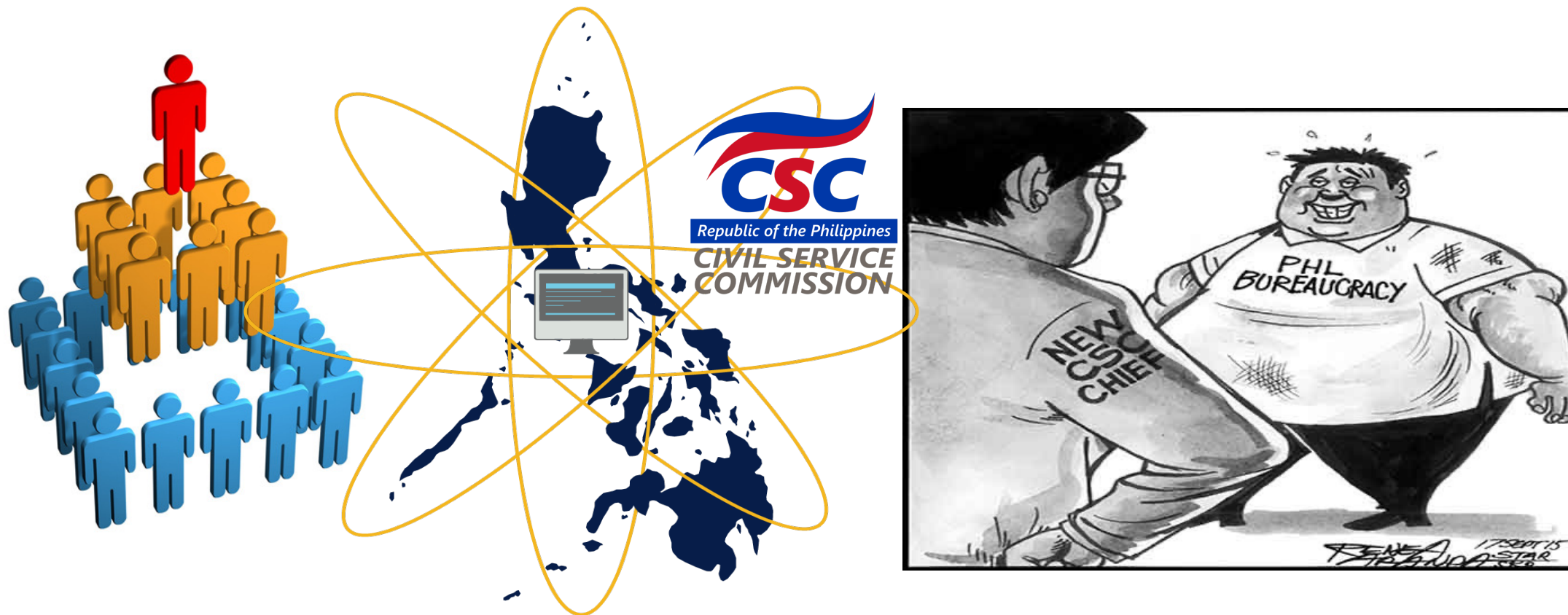
- Mainframe/minicomputer
- PC
- Client/Server

**1990s**  
Information Technology (IT)

- CIO reports directly to CEO
- Strategic partner
- Enterprise Computing
- Cloud Computing
- Mobile
- Analytics
- AI

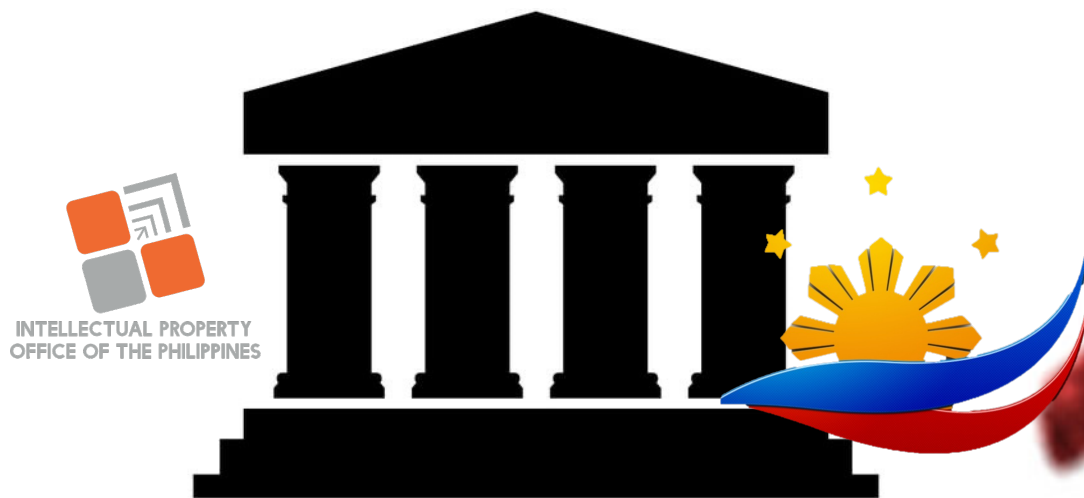


# The Challenges of IT in Government



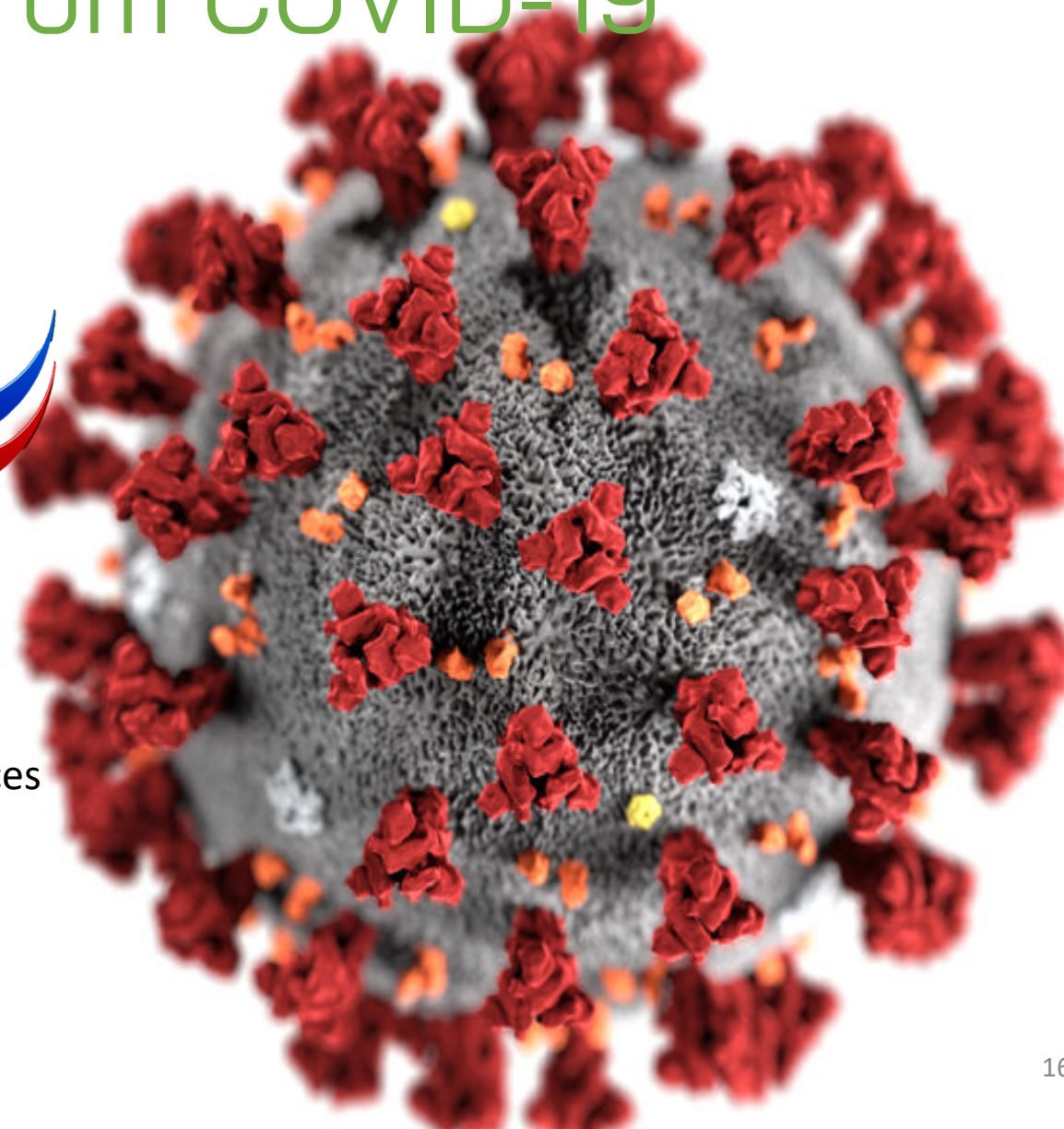
- Currently, the government looked at MIS only as a “support group” (post 1970s thinking)
- Limited CSC IT Plantilla – IT Officer I-III, Information Systems Analyst I-III, Computer Maintenance Technologist I-III
- Difficulty in attracting IT talents, Management Roles vs Leadership Roles
- Marketing

# Lessons Learned from COVID-19



## GOVERNMENT

- Broke down traditional thinking that are counterintuitive and barrier to automation
- Massive investment to IT infra and mobile devices
- Enabling of WFH
- Access to more online payment options
- **Bold and progressive-thinking leadership**





OPPORTUNITY FOR CHANGE

# Shaking the Status Quo

Impacts of COVID-19 on the delivery of IPOPHL government services:

- Frequent lockdowns, limited face-to-face interactions
- IPOPHL projects around **-65%** revenue loss for 2019
- IPOPHL implements extreme cost-cutting measures
- Limited resumption of operations results to long queues and complaints
- Overburdened cashiering operations, increased overtime expenses
- Etc.



An opportunity presented itself to showcase the power of data analytics for in-depth analysis and data visualization. And bold management decision-making!

# SOLVING AN OLD PROBLEM USING NEW TOOLS AND FRESH PERSPECTIVE

# The Power of Insights On Demand

Daily Agent Transactions

N. Anonymized Agent	1	2	3	4	5	6	7	8	9
Grand Total	₱ 386,128	₱ 149,152	₱ 2,252,523	₱ 8,333,568	₱ 11,276,017	₱ 10,319,363	₱ 3,415,643	₱ 343,983	₱ 250,051
.					₱ 8,497,410	₱ 7,897,576			
F..	₱ 3,636		₱ 2,227	₱ 6,003,045	₱ 30,603	₱ 1,000	₱ 96,309	₱ 18,180	
C..			₱ 359,900	₱ 323,138	₱ 592,770	₱ 477,718	₱ 1,303,011		
H..			₱ 136,112	₱ 221,521	₱ 132,794	₱ 102,827	₱ 216,920		
E..		₱ 500	₱ 2,912	₱ 124,225	₱ 278,002	₱ 6,320			
M..			₱ 22,968	₱ 43,884	₱ 41,413	₱ 169,684	₱ 70,066	₱ 78,178	
Q..	₱ 82,469	₱ 4,122	₱ 16,390	₱ 28,085	₱ 103,876	₱ 33,820	₱ 44,501	₱ 21,170	
S..		₱ 1,212	₱ 138,791	₱ 33,496	₱ 37,657	₱ 48,054	₱ 62,758		
B..			₱ 37,427	₱ 14,932	₱ 7,466	₱ 25,070	₱ 23,864	₱ 730	
R..				₱ 177,630	₱ 56,322		₱ 10,359		
O..		₱ 11,878	₱ 88,181	₱ 79,215	₱ 1,212	₱ 23,086	₱ 92,907		₱ 1,340
C..		₱ 1,320	₱ 32,036	₱ 30,603	₱ 76,550	₱ 19,278	₱ 61,328		₱ 39,208
B..			₱ 20,705	₱ 6,496	₱ 2,618	₱ 30,301	₱ 39,556		₱ 1,212
B..			₱ 186,541			₱ 4,242			
S..			₱ 41,832	₱ 12,498	₱ 58,903	₱ 36,659	₱ 18,645		₱ 2,377
V..		₱ 1,220	₱ 33,771	₱ 25,678	₱ 9,454	₱ 125,536			
S..			₱ 69,478	₱ 1,495	₱ 430		₱ 66,345		
V..	₱ 79,992		₱ 32,969	₱ 21,334	₱ 17,696	₱ 22,503		₱ 17,574	
A..				₱ 6,262					
U..					₱ 43,834	₱ 21,816	₱ 44,238		₱ 44,238
E..				₱ 25,032	₱ 28,162	₱ 1,485	₱ 27,257	₱ 3,879	
A..			₱ 39,037		₱ 4,242	₱ 5,819	₱ 13,272		₱ 57,594
A..			₱ 17,877	₱ 7,660	₱ 21,986		₱ 41,208		
C..			₱ 22,790	₱ 50,667		₱ 24,252	₱ 42,824		
C..			₱ 11,132	₱ 86,779	₱ 39,693	₱ 3,353	₱ 21,877	₱ 14,746	
S..									
V..			₱ 20,749		₱ 21,942		₱ 13,591		
M..			₱ 10,545		₱ 9,455	₱ 92,051	₱ 47,985		
C..			₱ 16,970		₱ 10,908		₱ 21,820		
M..			₱ 18,067	₱ 3,518		₱ 4,614			
M..	₱ 6,001		₱ 6,617	₱ 16,792	₱ 2,975	₱ 3,919	₱ 11,669		
M..			₱ 7,567		₱ 5,770		₱ 27,121		
B..					₱ 8,484				
C..						₱ 46,783	₱ 6,303		

Year

Month

100K Threshold  
 > ₱100K  
 Below ₱100K

SOLVING AN OLD PROBLEM USING NEW TOOLS AND FRESH PERSPECTIVE

# Bold and Progressive Decision-Making

## IPOPHL Mobiliz

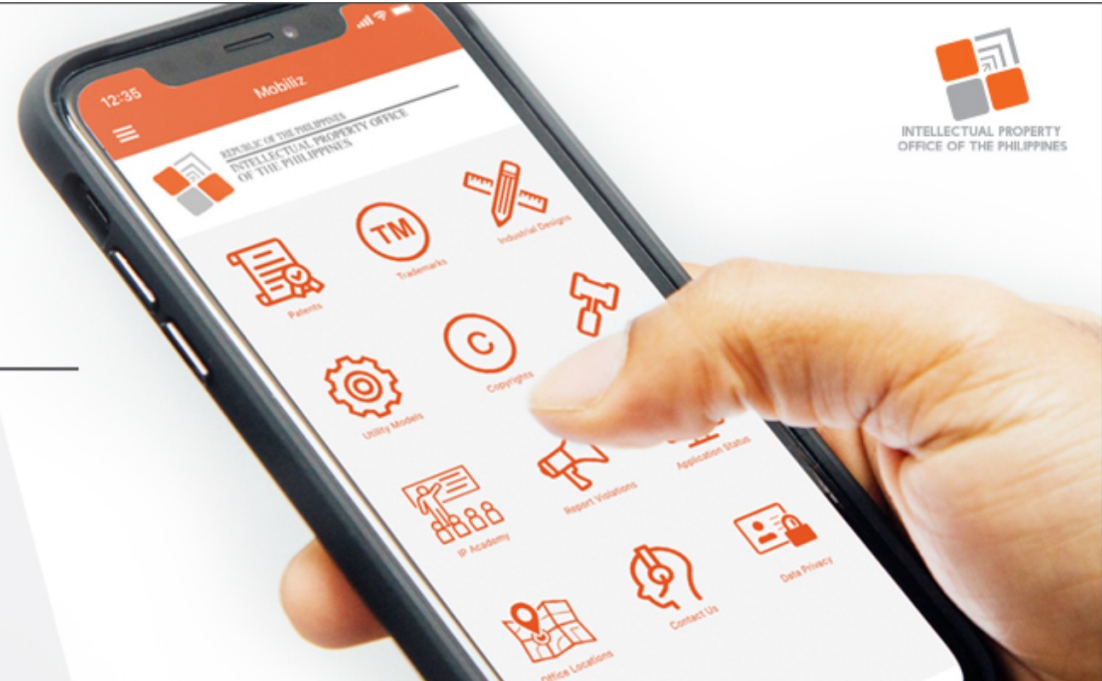
A new mobile application delivering IPOPHL services



DOWNLOAD THE APP NOW!








     IPOPHL | [www.ipophil.gov.ph](http://www.ipophil.gov.ph)



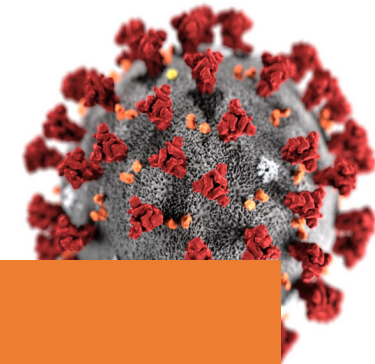
intellectual property  
using our **e-Services.**

FILE



     IPOPHL | [www.ipophil.gov.ph](http://www.ipophil.gov.ph)

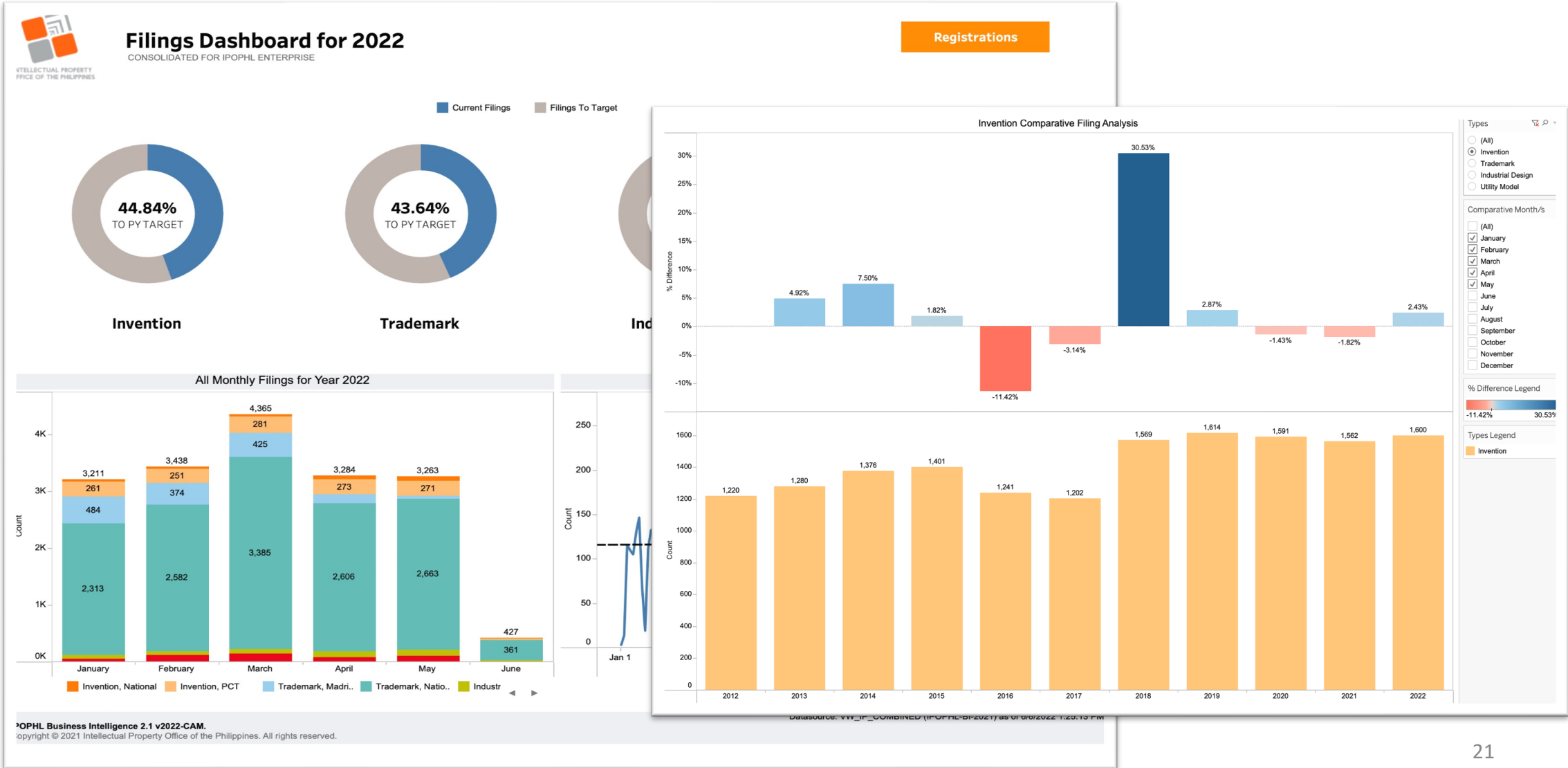
# Immediate Results



- 100% online filing
- More streamlined customer processing workflows
- Recognition of IT as a strategic partner to the organization and its survival – “sink or swim”
- Increased demand and support for IT automation projects
- Major proponent for the institutionalization of WFH
- Etc.

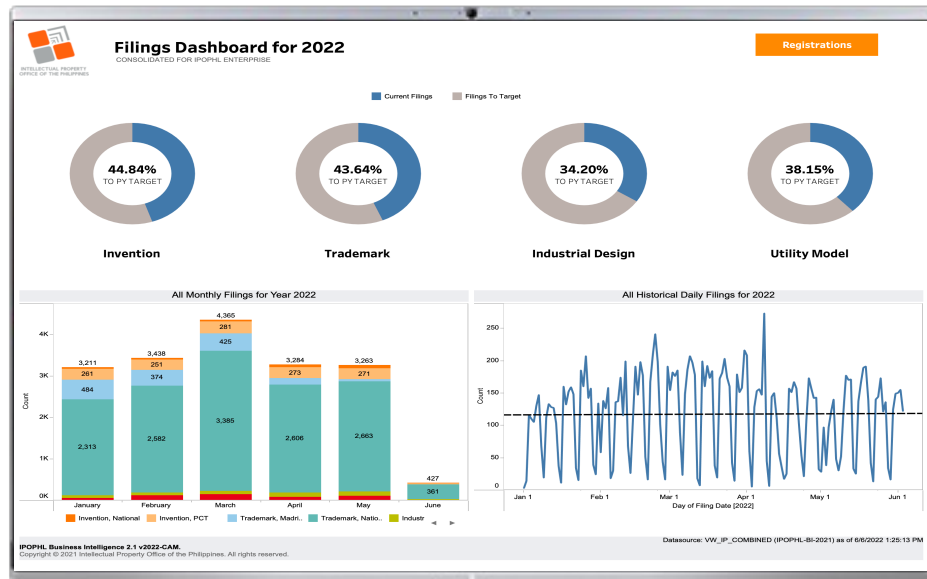
REINFORCEMENT IN THE NEW NORMAL

# Establish a Single Source of Truth



REINFORCEMENT IN THE NEW NORMAL

# Increased Transparency and Availability



Desktops/TV



Tablets/PDAs

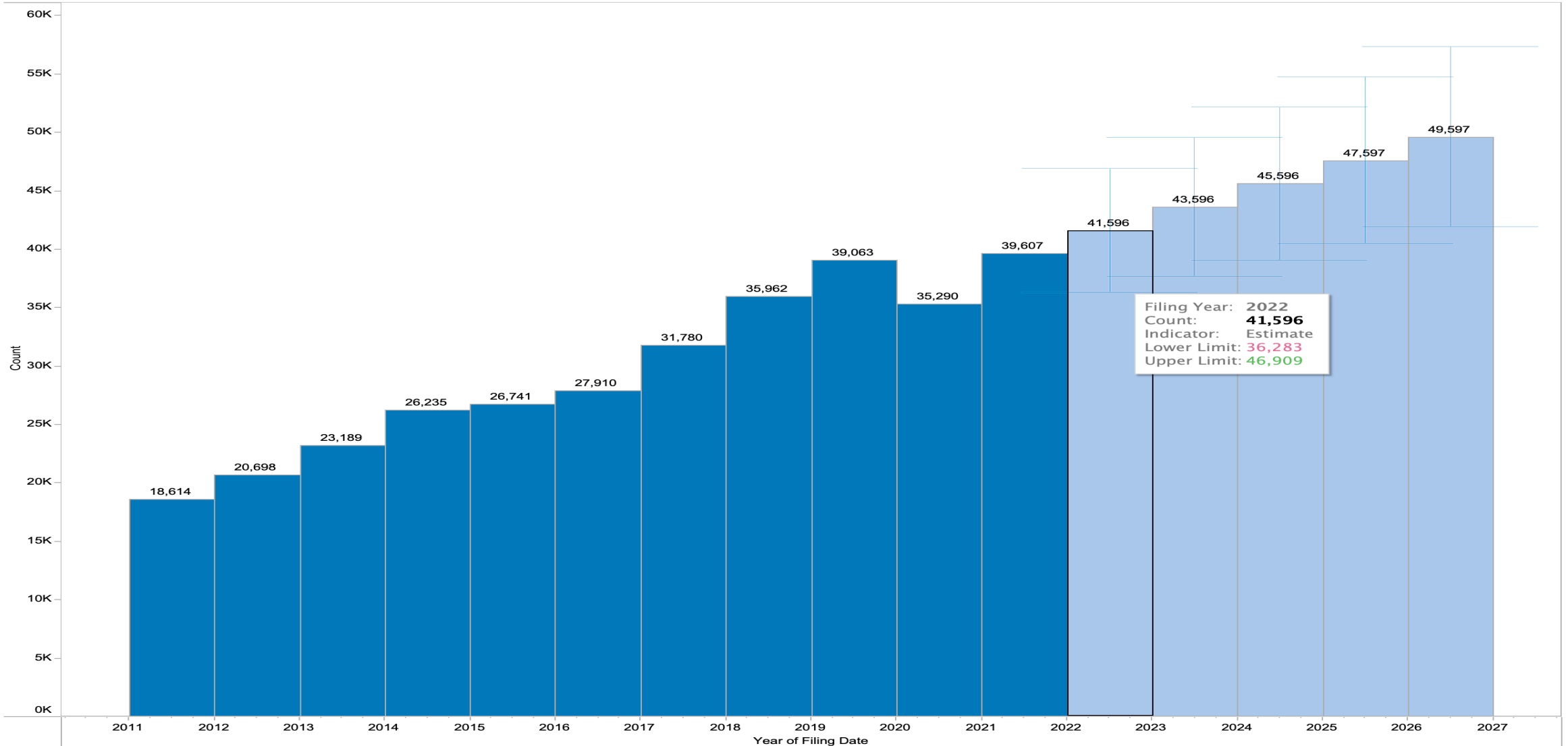


Phones

## REINFORCEMENT IN THE NEW NORMAL

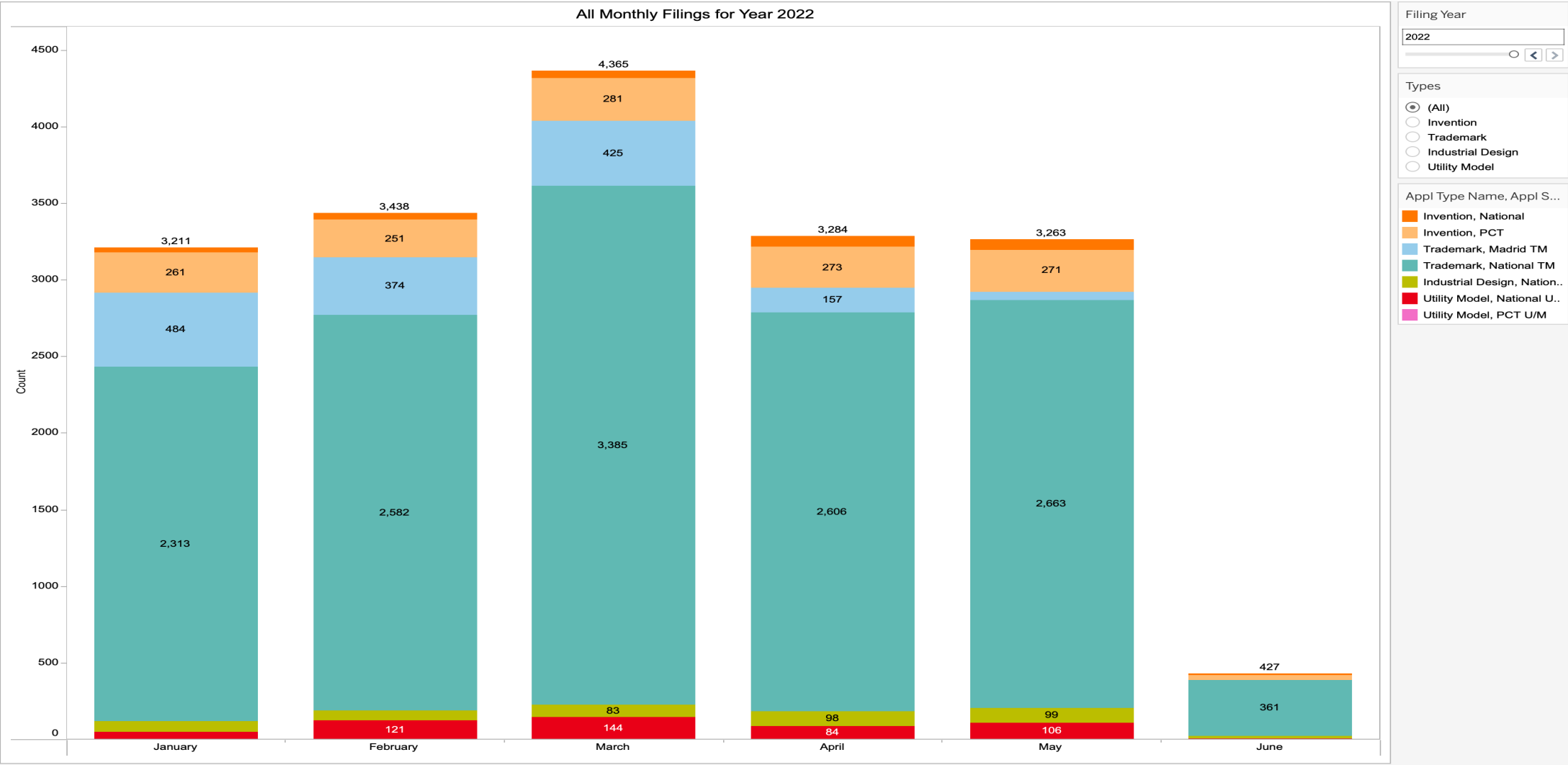
# Leveraging on the Value of Forecasting

Trademark Filing Trends and Forecasts



REINFORCEMENT IN THE NEW NORMAL

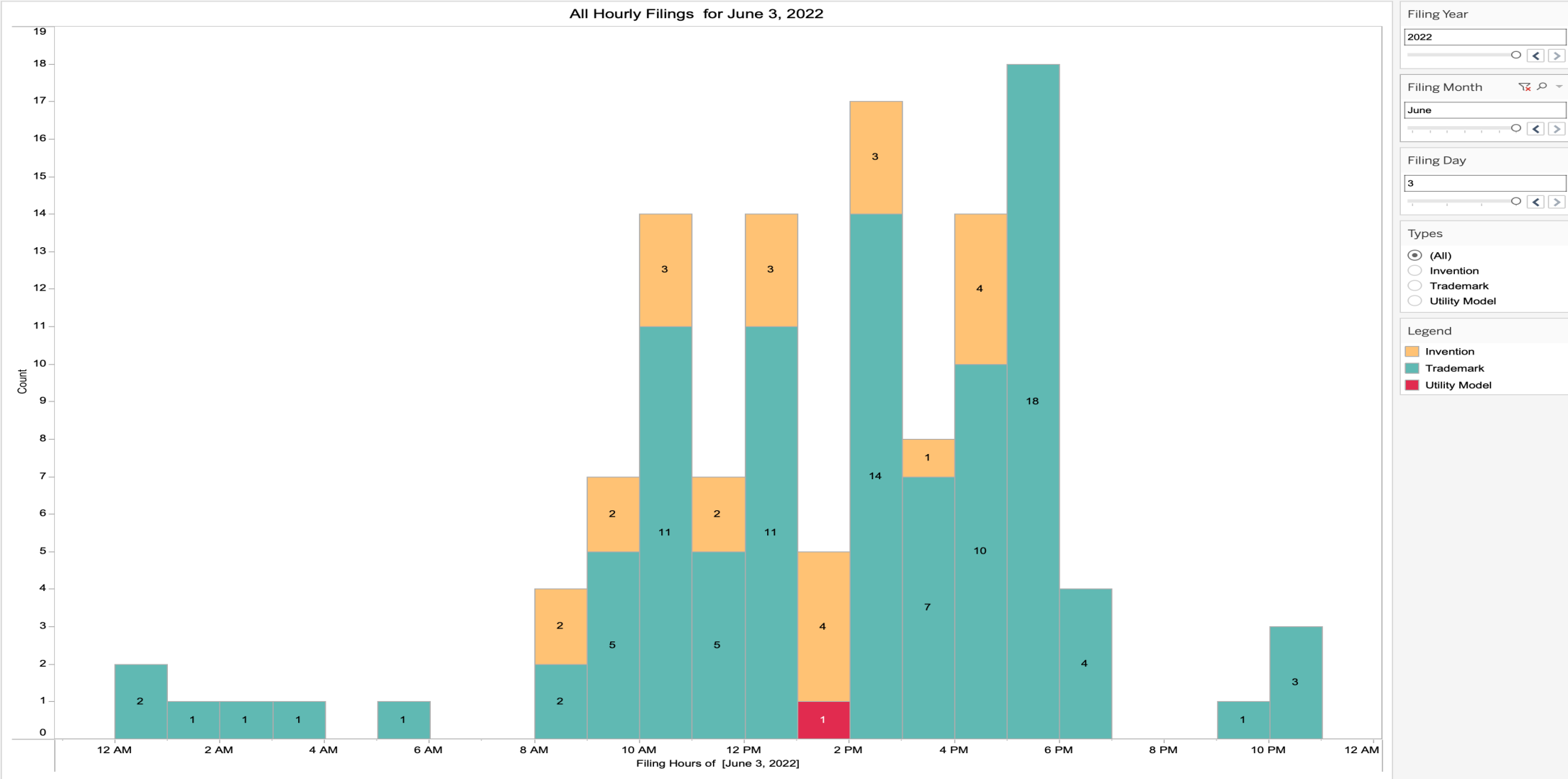
# Insights and Data-Driven Decision-Making





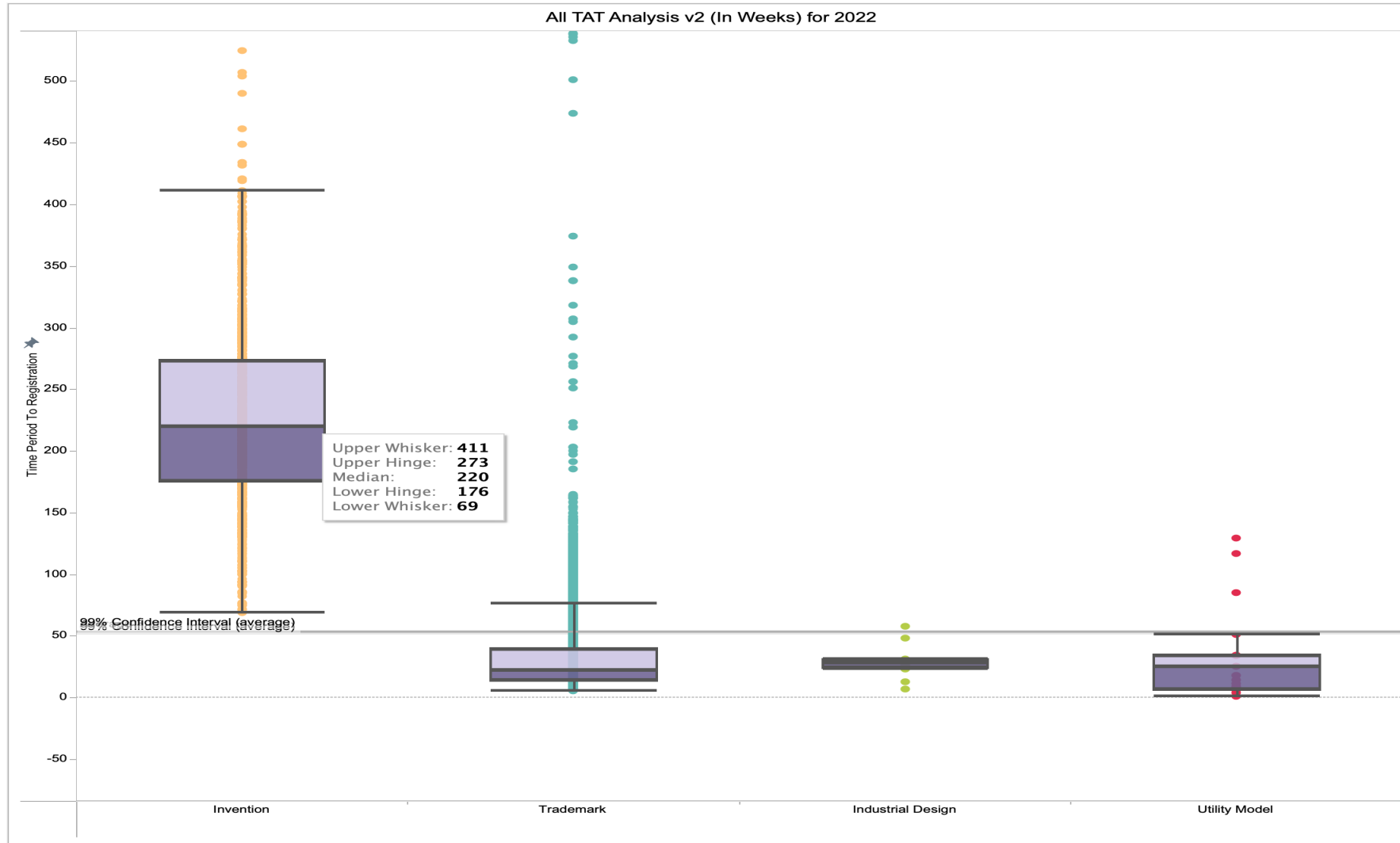
REINFORCEMENT IN THE NEW NORMAL

# Drill-down and In-depth Analysis



REINFORCEMENT IN THE NEW NORMAL

# Advanced Stats, Algorithms, ML and AI



Registration Year  
2022

Subtype  
 (All)  
 Madrid TM  
 National  
 National I/D  
 National TM  
 National U/M  
 PCT

Select Time Period  
 In Days  
 In Weeks  
 In Months  
 In Years

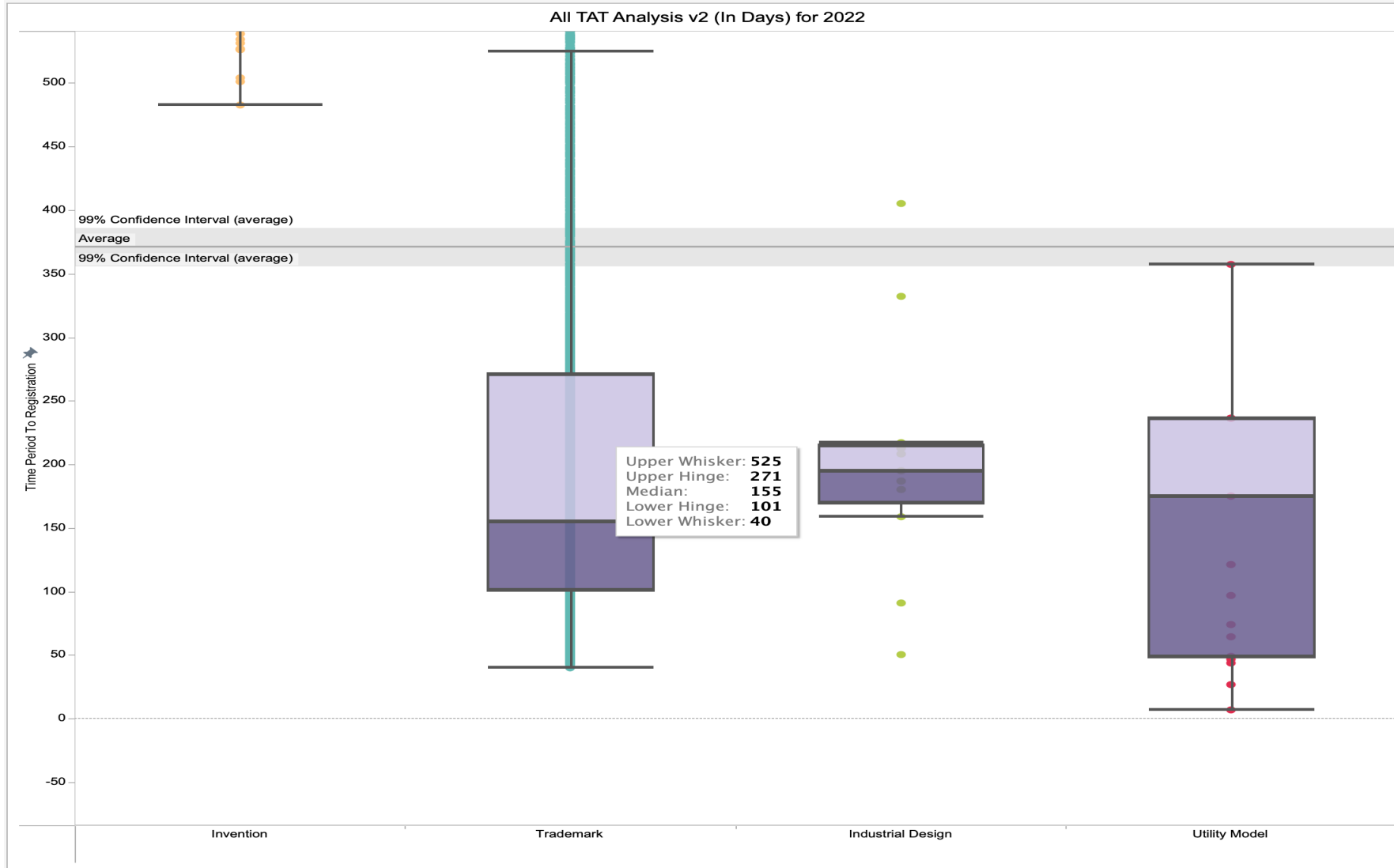
Legend  
■ Invention  
■ Trademark  
■ Industrial Design  
■ Utility Model

Summary

Count:	10855
SUM(Time Period To Registration)	
Sum:	574,753
Average:	53
Minimum:	1
Maximum:	3,194
Median:	24
Standard deviation:	88
First quartile:	15
Third quartile:	50
Skewness:	9.03
Excess Kurtosis:	204.74

# REINFORCEMENT IN THE NEW NORMAL

# Ability to Compare Across Time



Registration Year

2022

Subtype

- (All)
- Madrid TM
- National
- National I/D
- National TM
- National U/M
- PCT

Select Time Period

- In Days
- In Weeks
- In Months
- In Years

Legend

- Invention
- Trademark
- Industrial Design
- Utility Model

Summary

Count:	10855
SUM(Time Period To Registration)	
Sum:	4,026,942
Average:	371
Minimum:	7
Maximum:	22,358
Median:	169
Standard deviation:	613
First quartile:	106
Third quartile:	353
Skewness:	9.03
Excess Kurtosis:	204.79

NEW NORMAL

# IT As A Strategic Partner In An IP Office



NEW NORMAL

# IPAS As The Core Application in an AMS



A new level of cooperation  
A new level of Support  
Data Exchange

Shared and Mutual Responsibility

Raise awareness, complain,  
demand for a better setup!

An ever-emerging challenge

# Best Practice Sharing

# Social and Economic Progress Indicators

*With roughly 80 indicators, the GII ranks the countries in the world with their innovation capabilities.*



**GLOBAL  
INNOVATION  
INDEX 2019**

The Philippines **ranks 54th among the 129 economies.**  
The Philippines ranks 6<sup>th</sup> among the 26 lower middle-income economies.



**GLOBAL  
INNOVATION  
INDEX 2020**

The Philippines ranked **50th in 2020**, up four notches from its ranking in 2019. "Based on the (GII) report, the Philippines produces more innovative outputs relative to its level of investments".



The Philippines **ranks 51<sup>st</sup>**  
In the GII 2021 report, the Philippines **ranked 4th among the 34 lower middle-income group economies** and 11th among the 17 economies in Southeast Asia, East Asia, and Oceania.

*\*Philippines as a 3<sup>rd</sup> world country*

# Latest Government Focus



Innovation Pillars  
Based on IPOPHL IP Filings and Registrations



# Hold on. Just one problem...



Innovation Pillars  
Based on IPOPHL IP Filings and Registrations



# But wait. There is data!

Information Technology and Crowdsourcing to the rescue!



More than 30 years worth of operational data  
**We just need to be convert into a usable format!**

# Addresses to be Remapped

**536,125** addresses for Trademarks

**602,366** addresses for Patents, I/D and U/M

---

Total **1,138,491** addresses

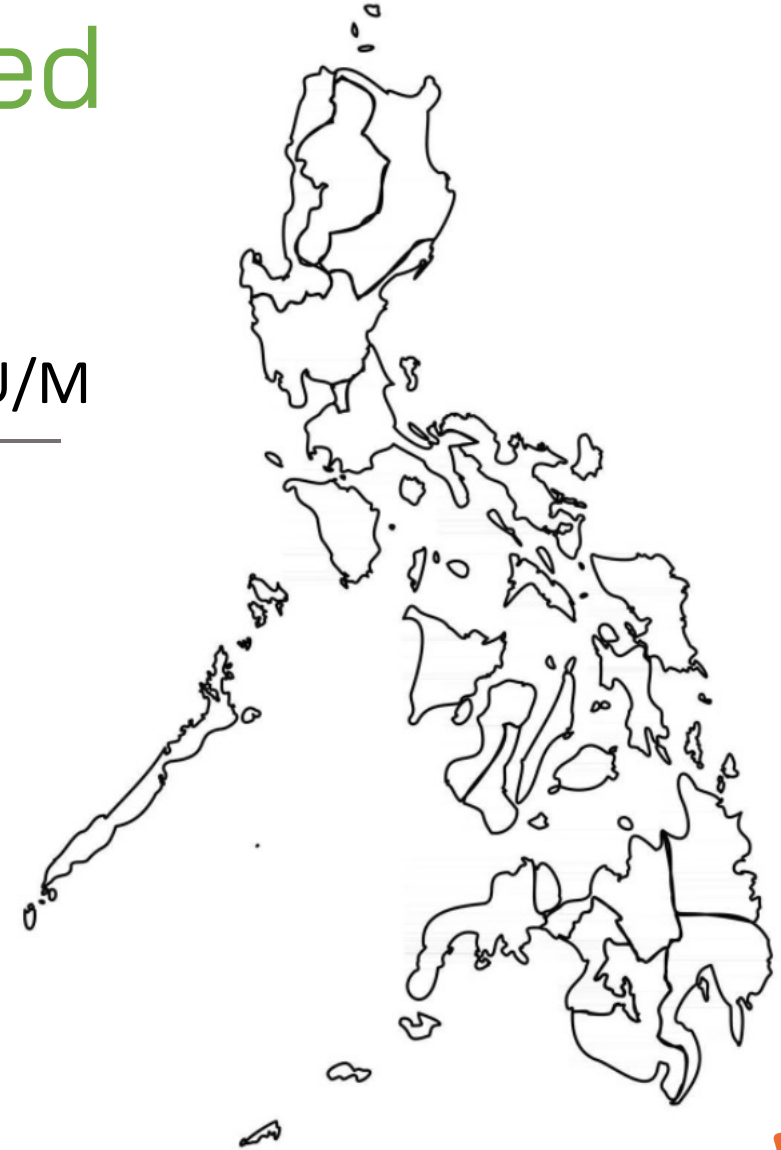
## CROWD-SOURCING ESTIMATES:

Speed: 4 addresses/min

Hours Per Day: 2 hours/day

# of Participants: 100 employees

Days To Complete: **24 days**



# Addresses to be Remapped

**536,125** addresses for Trademarks

**602,366** addresses for Patents, I/D and U/M

---

Total **1,138,491** addresses

## CROWD-SOURCING ESTIMATES:

Speed: 5 addresses/min

Hours Per Day: 8 hours/day

# of Participants : 200 employees

Days To Complete: **2 days**



# Address Remapper App

[Main Site](#) [Dashboard](#) [Online Services](#) Theme charles.merioles@ipophil.gov.ph [Log out](#)

## Address Remapper

### Address Editor

Reference Address of 12345 / 789 in Trademarks

123 Street, BF Northwest Village, Paranaque City, Metro Manila, PH, 1720

**NEW UPDATED VALUES**

Street address  
Unit #, Floor, Block/Lot, Street address

Village/Barangay/District  
Village/Barangay/District

Town/City/Municipality  
Enter town or city or municipality

Province/State  
Enter province or state

Country  
Enter country

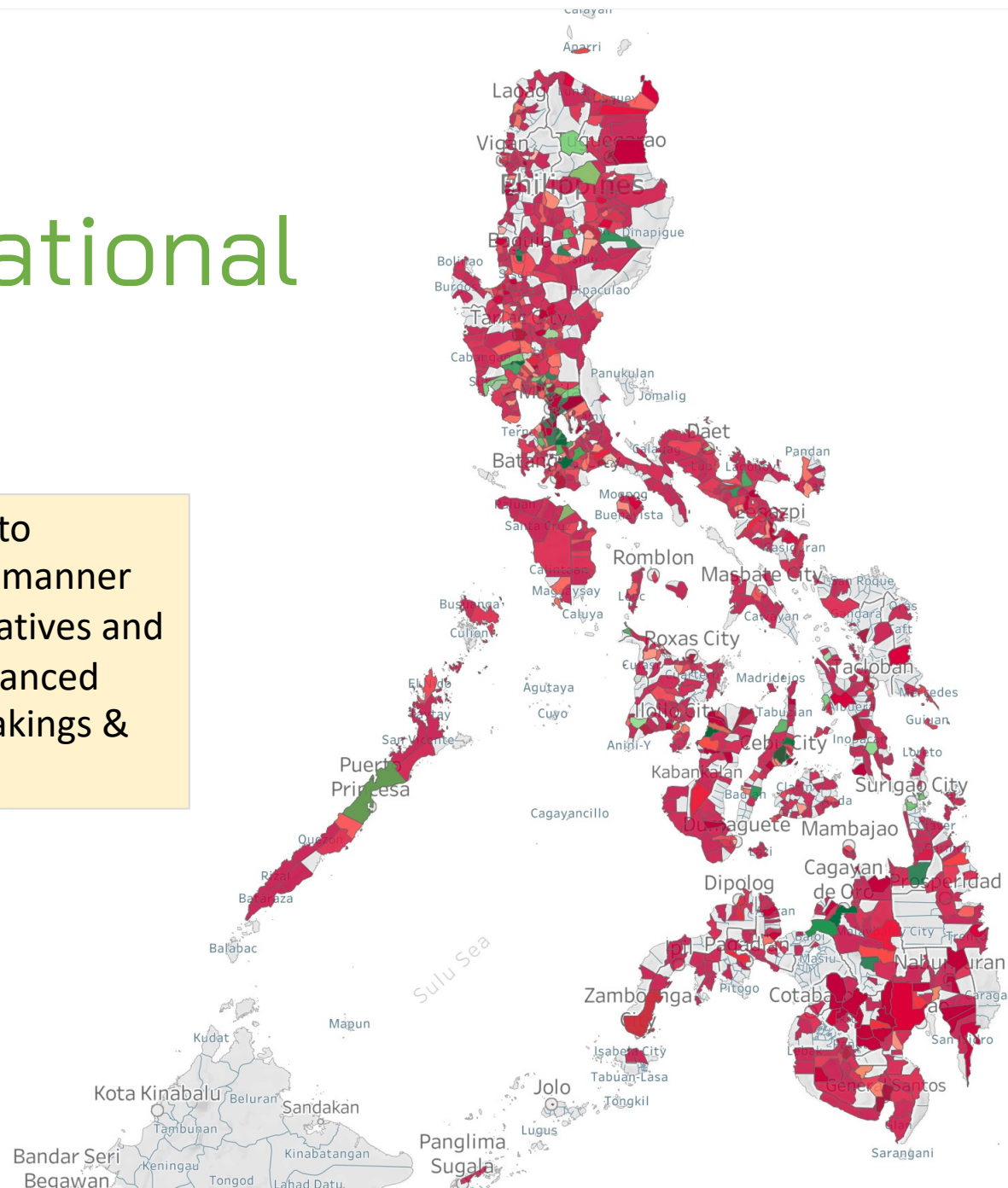
Zip Code  
Enter zip code

Yes, I confirm the address is valid

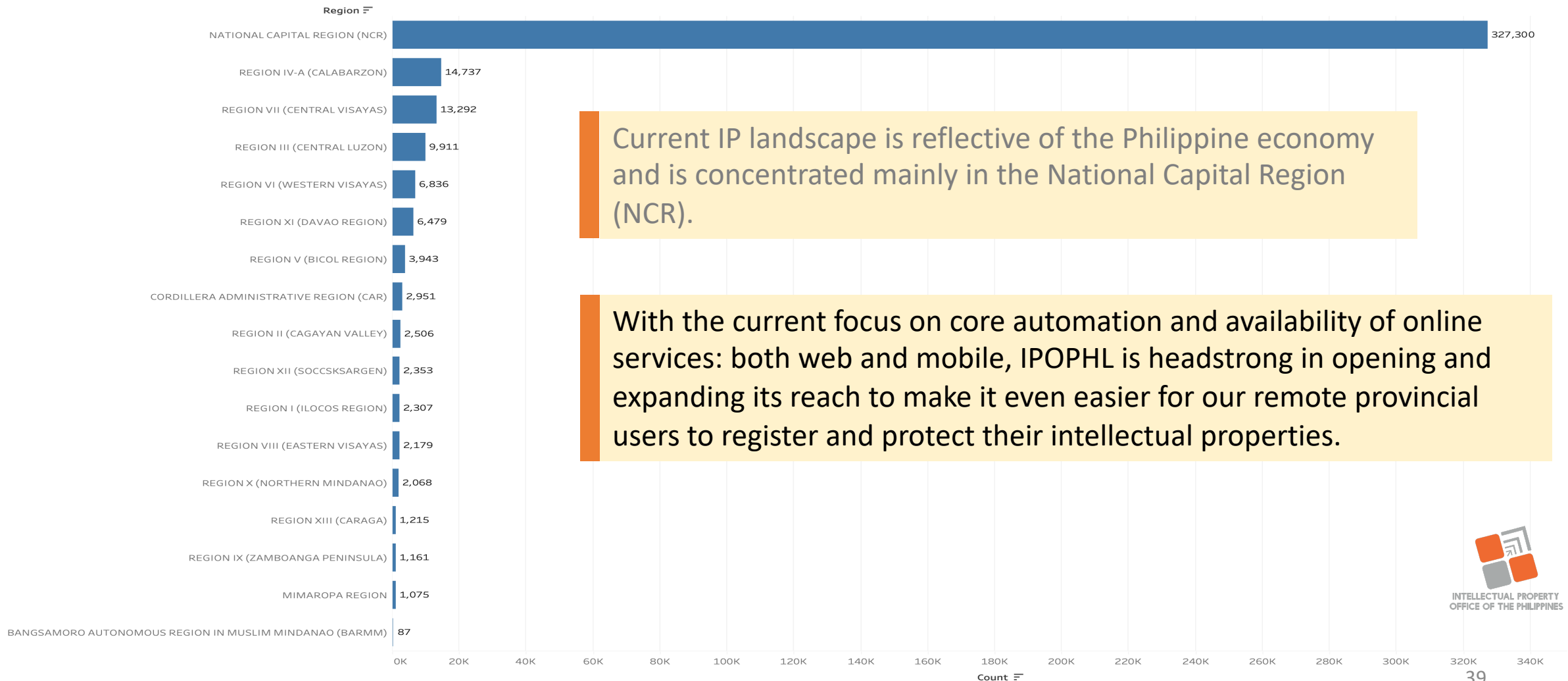
[Save](#) [Mark As Invalid](#) [Parse](#) [Previous](#) [Next](#) [Refresh](#) [Keyboard](#)

# Mapping the National IP Landscape

Our new and demonstrated capability to monitor the IP landscape in a granular manner across time ushers in a new era of initiatives and innovations baselined on Big Data, advanced analytics, and data-driven decision-makings & insights.



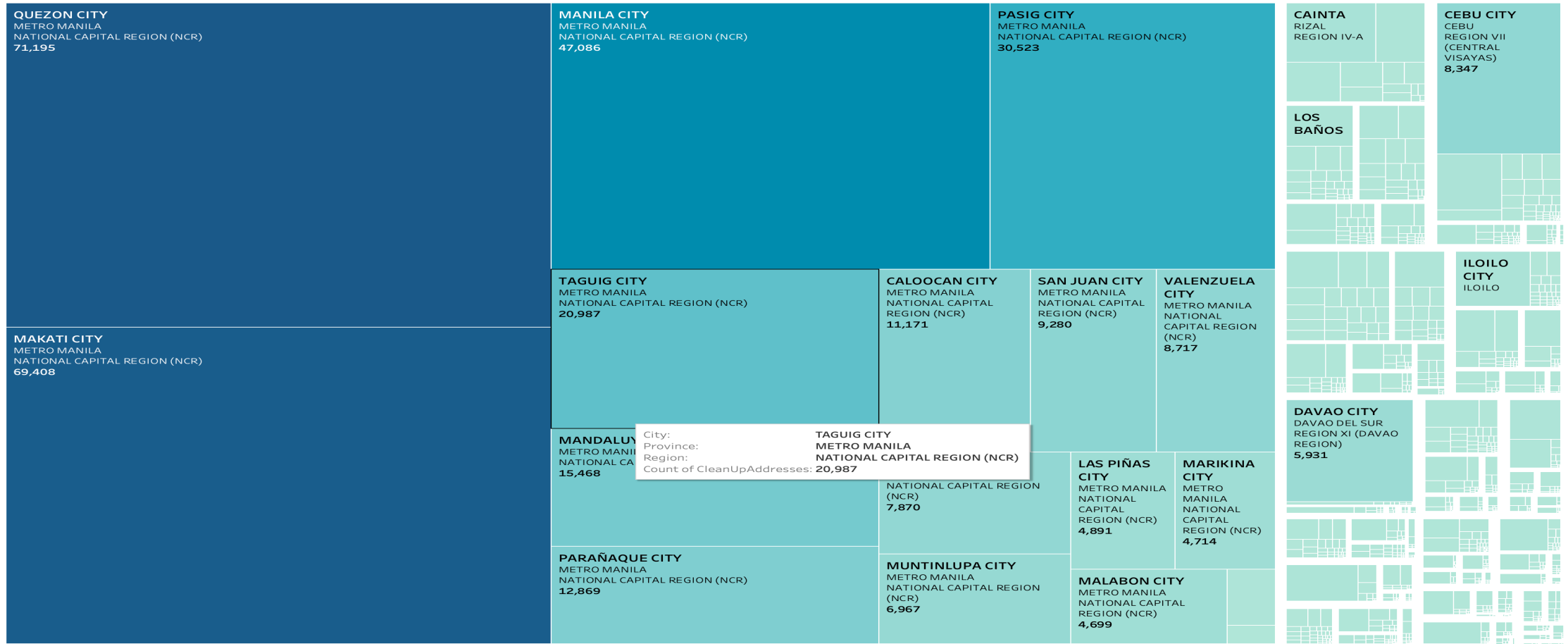
# Big Data Reveal – By Region



Current IP landscape is reflective of the Philippine economy and is concentrated mainly in the National Capital Region (NCR).

With the current focus on core automation and availability of online services: both web and mobile, IPOPHL is headstrong in opening and expanding its reach to make it even easier for our remote provincial users to register and protect their intellectual properties.

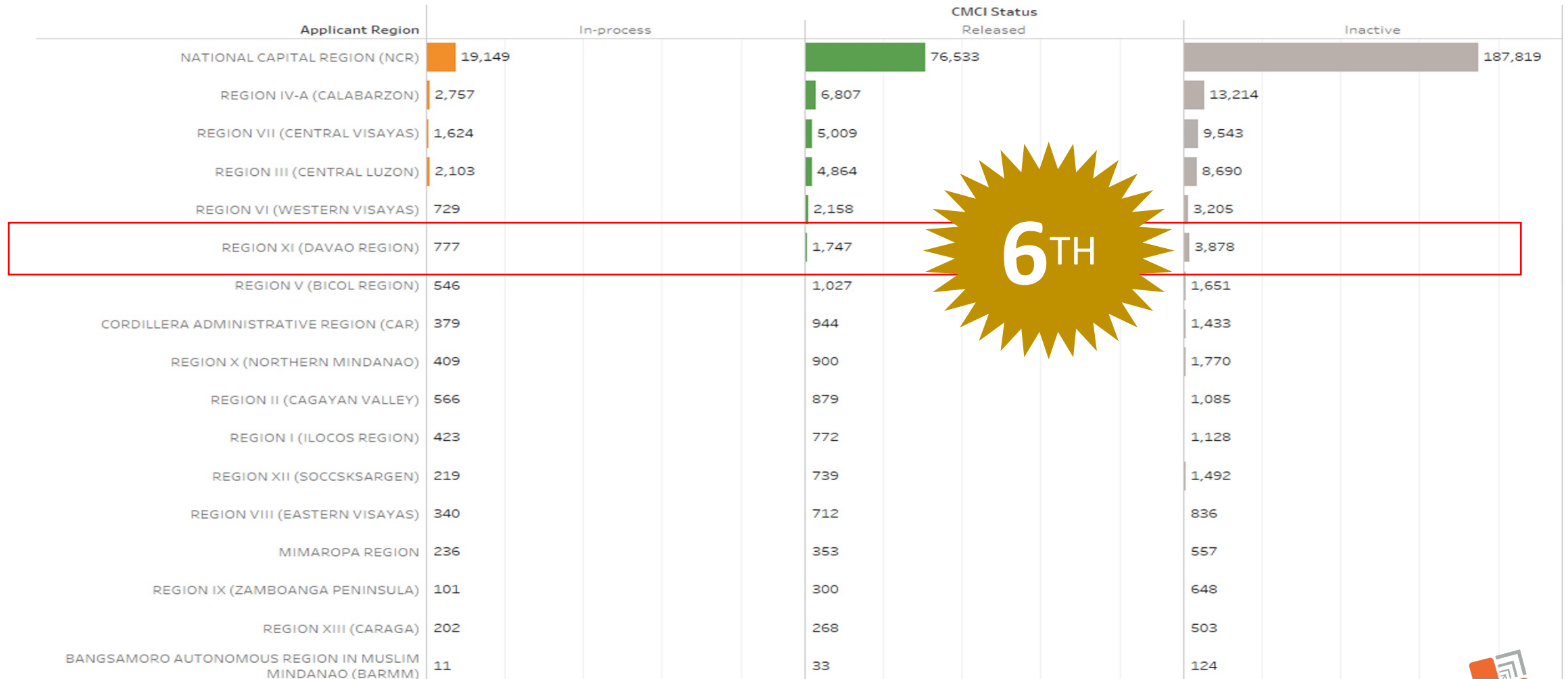
# Big Data Reveal – By City



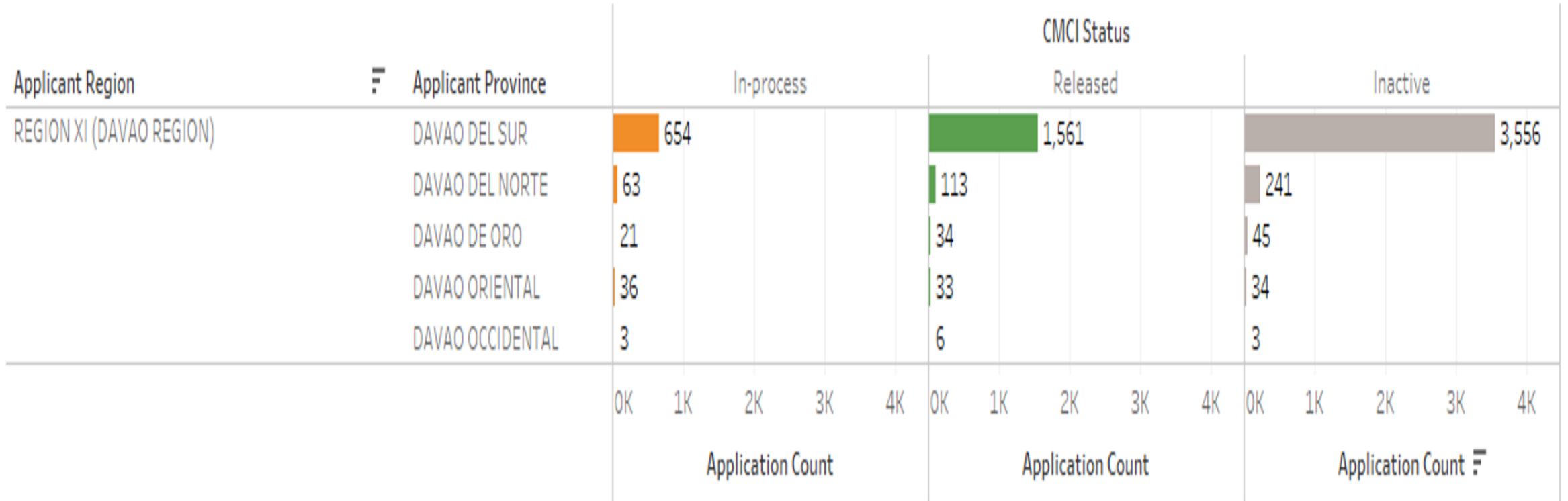
Quezon City, Makati and the City of Manila continue to be the main drivers of IP in the Philippines!



# Regional Coverage



# Provincial Coverage

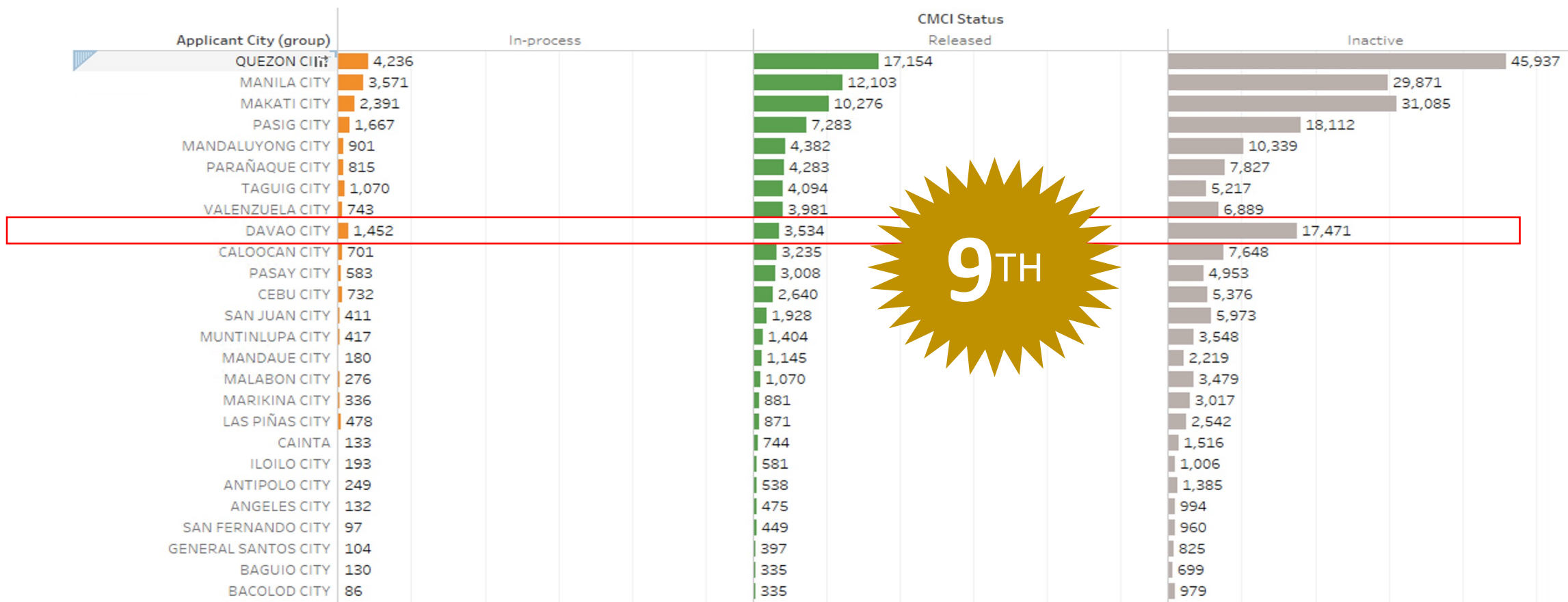


# Municipal Coverage

Applicant Region	Applicant City (group)	CMCI Status		
		In-process	Released	Inactive
REGION XI (DAVAO REGION)		603	1,510	3,417
	DAVAO CITY	34	67	187
	TAGUM CITY	40	43	89
	DIGOS CITY	13	29	39
	PANABO CITY	31	23	16
	MATI CITY	13	11	7
	COMPOSTELA		6	3
	MONTEVISTA		6	2
	MALITA	3	7	14
	NABUNTURAN	2	4	3
	BANSALAN	1	4	3
	BANAYBANAY	3	3	2
	SAN ISIDRO		3	5
	MONKAYO	1	3	
	MACO	4	3	11
	ISLAND GARDEN CITY OF SAMAL		2	4
	SANTO TOMAS	1	2	2
	SANTA MARIA		2	7
	SANTA CRUZ	1	2	8
	PANTUKAN	1	2	1
	NEW CORELLA	3	2	3
	MATINA		2	1
	MAGSAYSAY	1	2	1
	CARMEN	2	1	
	PANABO		1	2
	NEW BATAAN		1	
	MAWAB		1	
	MARAGUSAN		1	3
	MALALAG	1	1	5
	MABINI	1	1	2
	LUPON		1	8
	KIBLAWAN	1	1	2



# Municipal/City Ranking



# Global Innovation Index



## Global Innovation Index 2021

Ranked **51<sup>st</sup>**

out of 132 countries/  
economies

### Global Innovation Index (GII) 2021 Tracking Innovation through the COVID-19 Crisis



**\*2019, 2020 and 2021 Philippines in Knowledge and technology outputs**

# Global Innovation Index



Ranked  
**59<sup>th</sup>**

out of 132 countries/  
economies

# Awards and Global Recognition



Rising.  
Shining.  
Beckoning.

Ranking	Trademark office	Online metrics						
		Website functionality and user experience rating	Trademark e-filing rating	Website accessibility (downtime %)	Third-party database (API)	Third-party trademark office actions (API)	Use of AI functionality	Use of blockchain functional
1	European Union							
1	South Korea							
3	Singapore							
4	United Kingdom							
5	Mexico							
6	Australia							
6	Brazil							
6	Chile							
<b>9</b>	<b>Philippines</b>							
9	Spain							
9	Switzerland							
12	Japan							
13	United States							
14	France							
15	Austria							
15	Peru							
17	Poland							
18	Benelux							
18	China							
18	Colombia							
18	Germany							
18	Hong Kong							
18	Italy							
18	Israel							
18	Japan							
18	South Korea							
18	United States							
24	Canada							

**Rising. Shining. Beckoning.**

INTELLECTUAL PROPERTY OFFICE OF THE PHILIPPINES

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Photo from worldtrademarkreview.com

## IPOPHL makes PH sole developing country in top 10 of global IP office ranking

January 11, 2022

The Intellectual Property Office of the Philippines (IPOPHL) jumps to 9th place in the World Trademark Review's (WTR) 2021 IP (intellectual property) Office Innovation Ranking from 24th in the previous year, making the Philippines the only developing country to have an IP office in the top 10 out of 60 offices ranked worldwide.

# USTR



Rising.  
Shining.  
Beckoning.



We welcome the overall positive assessment of the USTR on the Philippine IP environment. This is yet another testament that the IP Office of the Philippines (IPOPHL) and the National Committee on IP Rights (NCIPR) remain steadfast in fostering innovation, creativity and entrepreneurship and preserving the country's attractiveness as a destination for foreign IP assets to thrive.

IPOPHL Director General Rowel S. Barba on PH being out of the USTR watch list for nine straight years.



IPOPHL | [www.ipophil.gov.ph](http://www.ipophil.gov.ph)



## PH keeps out of USTR watch list for nine straight years

May 16, 2022



# Q & A

**Engr. Charles A. Merioles, CESO IV**

Director III, IPOPHL

[charles.merioles@ipophil.gov.ph](mailto:charles.merioles@ipophil.gov.ph)



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