

ANDI TABINAS

Portfolio

Tableau Public: <https://public.tableau.com/profile/spatially4u#!/>

Github: <https://github.com/saanyan>

<https://github.com/mentalhealthawhereness>

Carto: <https://anditabinas.carto.com/>

Website: <https://mentalhealthawhereness.com>

Non-profit: **Mental Health AWHEREness PH, Inc.**

<https://mentalhealthawhereness.com>

aims to promote mental health awareness through information, education, communication, and mapping of available mental health services and their corresponding important information that would help and encourage people to seek mental healthcare without telling others until they are ready to do so; and to tell decision-makers where more mental health services are needed.

Mapping Groups: GeoladiesPH

<https://geoladiesph.github.io/home/>

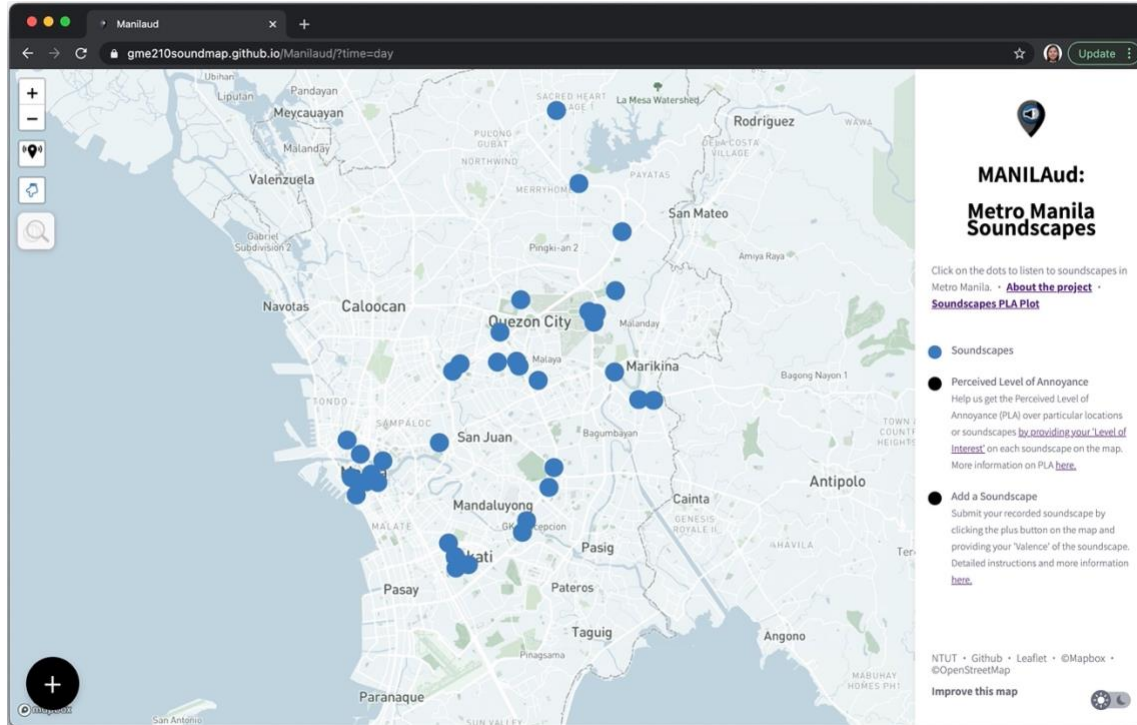
advocating for community diversity, collaborative participation, and affirmative spaces especially for women and under-represented communities.

Ministry of Mapping

<https://www.ministryofmapping.com/>

a collective of geospatial workers who serve the people with geospatial data, tech, and science through open and fair work

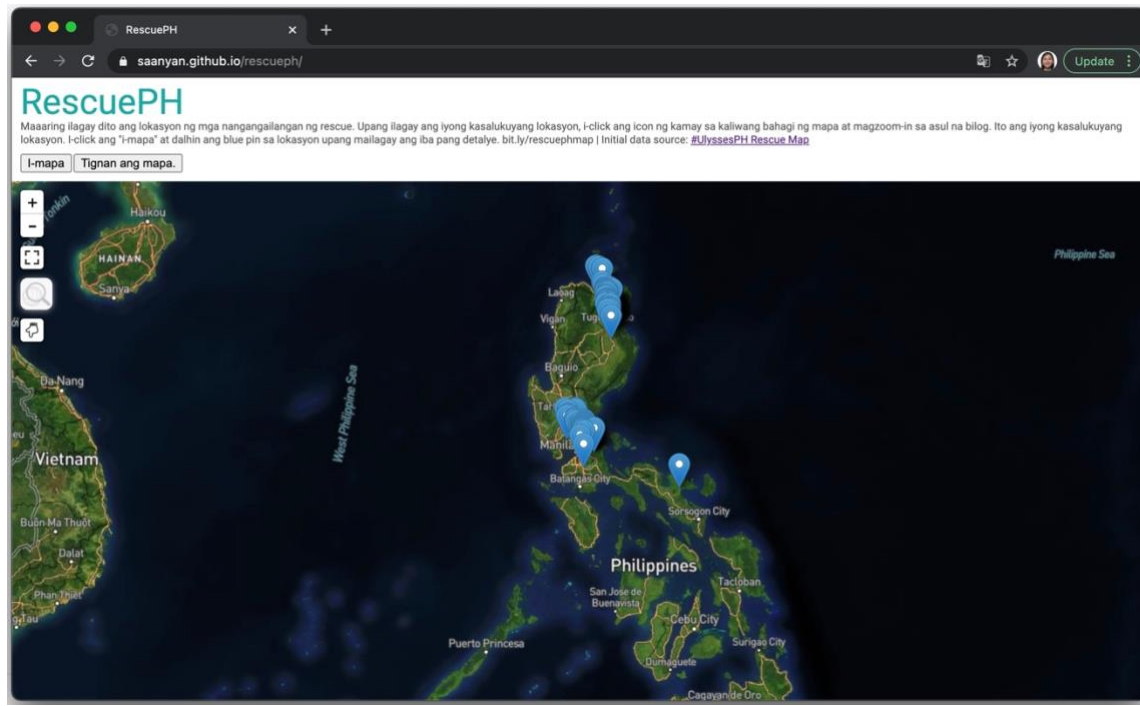
CROWDSOURCING MAPS



MANILAud: Metro Manila Soundscapes

A soundscapes map to enable users to listen to soundscapes within Metro Manila or upload their own audio recordings of sounds related to different locations in the city, get the Perceived Level of Annoyance (PLA), and explore the city through sounds.

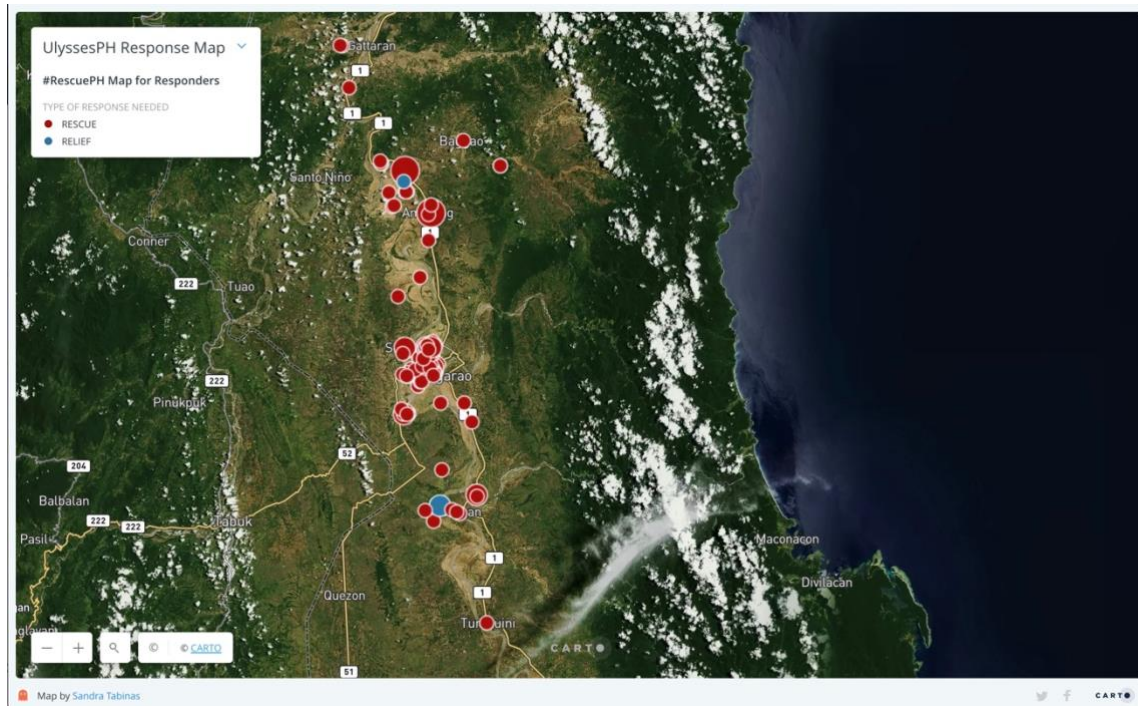
<https://gme210soundmap.github.io/Manilaud/>



RescuePH

An interactive map where people who need rescuing or relief goods during the Typhoon Ulysses or volunteers can input locations of people who need help

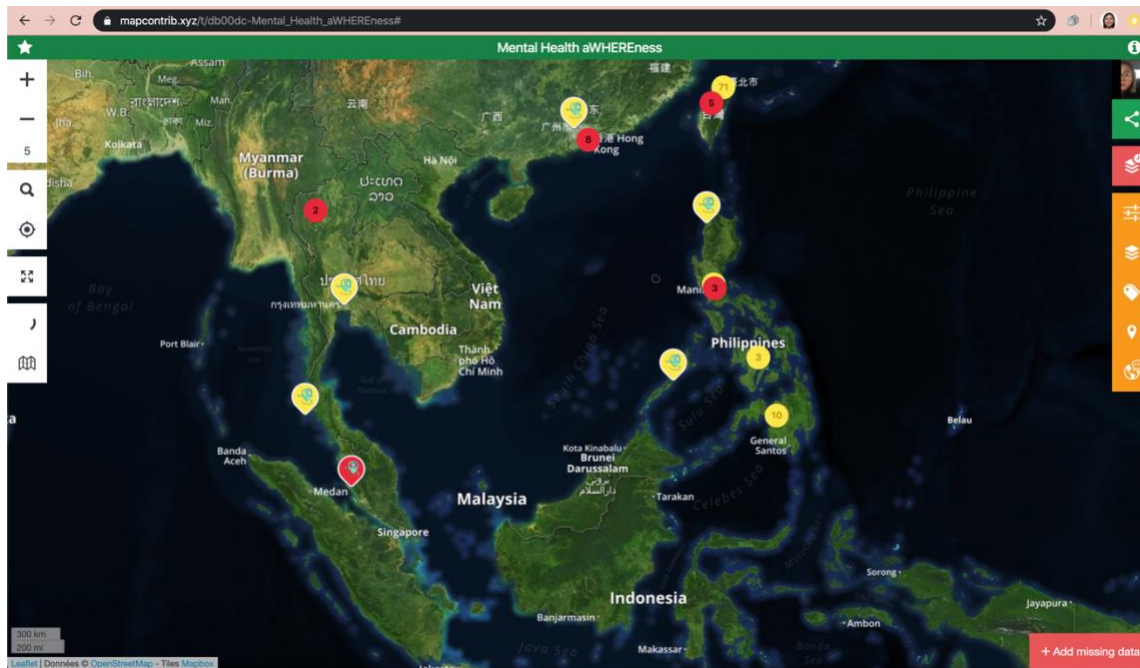
<https://saanyan.github.io/rescueph/>



UlyssesPH Responders Map

A map to assist the LGUs or local responders and help them locate people who need rescue or relief goods

<https://spatially4u.carto.com/builder/545a5e21-22e5-4753-b32c-5d4cad6f3afc/embed>



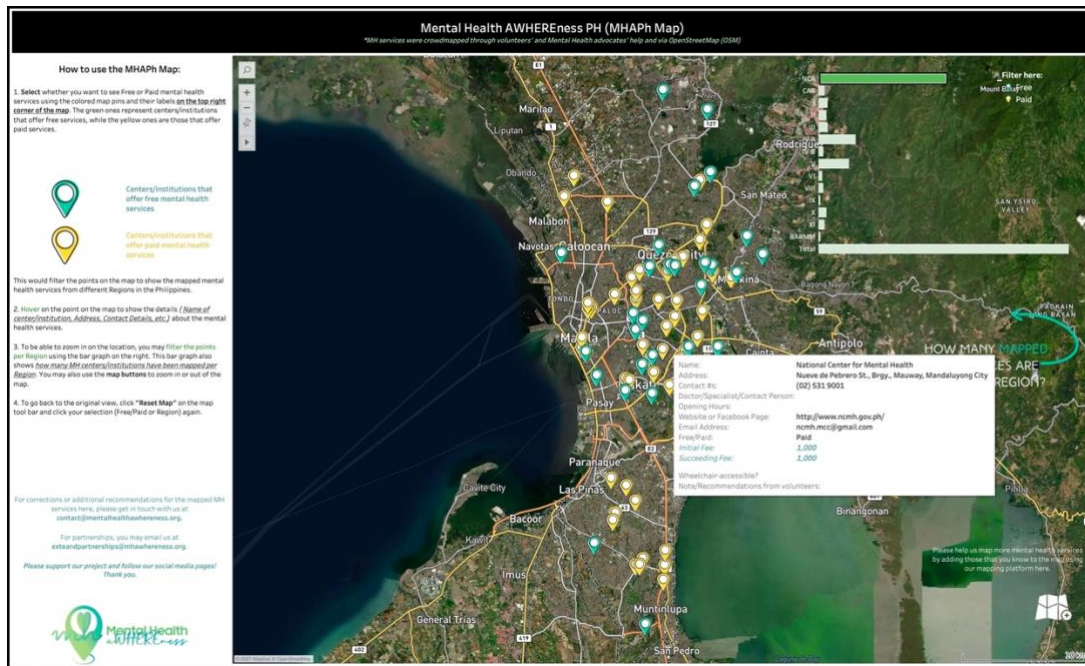
Mental Health aWHEREness Map – Map and Point-Collection Tool for the Mental Health aWHEREness Project aside from OSM ID

This project aims to have an online platform for mental health awareness and a crowd-sourcing page to map mental health services to provide information for people to seek professional help without telling others until they're ready to do so. We also aim to work with policymakers to increase access for all by showing them where services are needed through our crowd map. Participants are non-mappers so we choose a more user-friendly platform for beginner OSM mappers.

https://www.mapcontrib.xyz/t/db00dc-Mental_Health_aWHEREness#

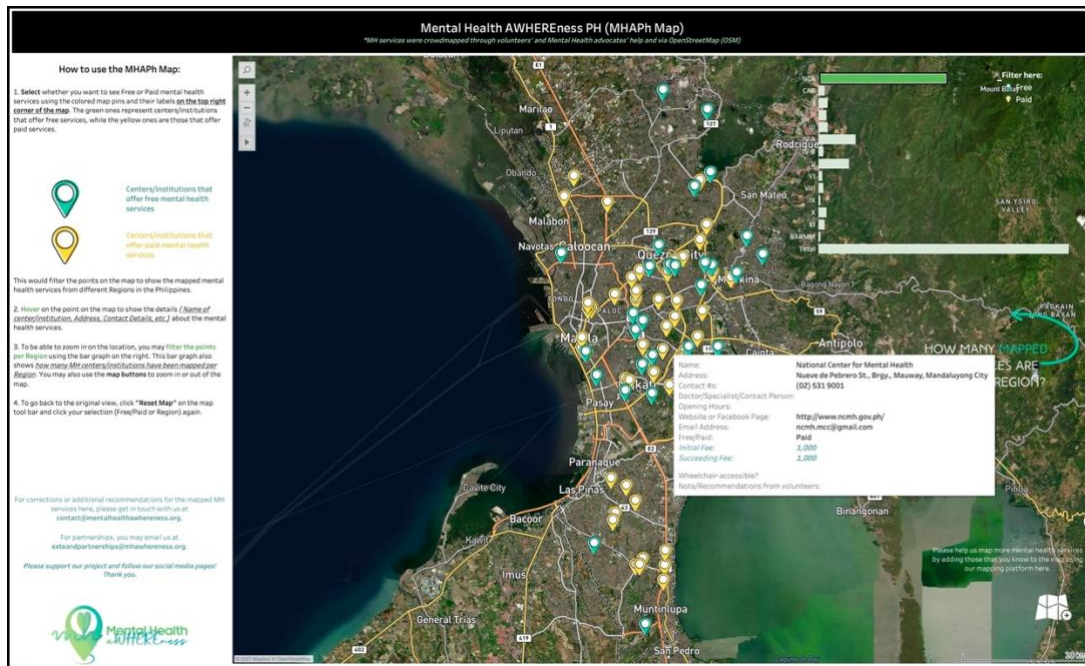
Mental Health aWHEREness

- One of the 2020 HOT OSM Micrograntees
- <https://mentalhealthawhereness.com/more-on-mental-health-awareness/>
- <https://www.facebook.com/mentalhealthaWHEREness/>
- <https://twitter.com/MHawhereness>



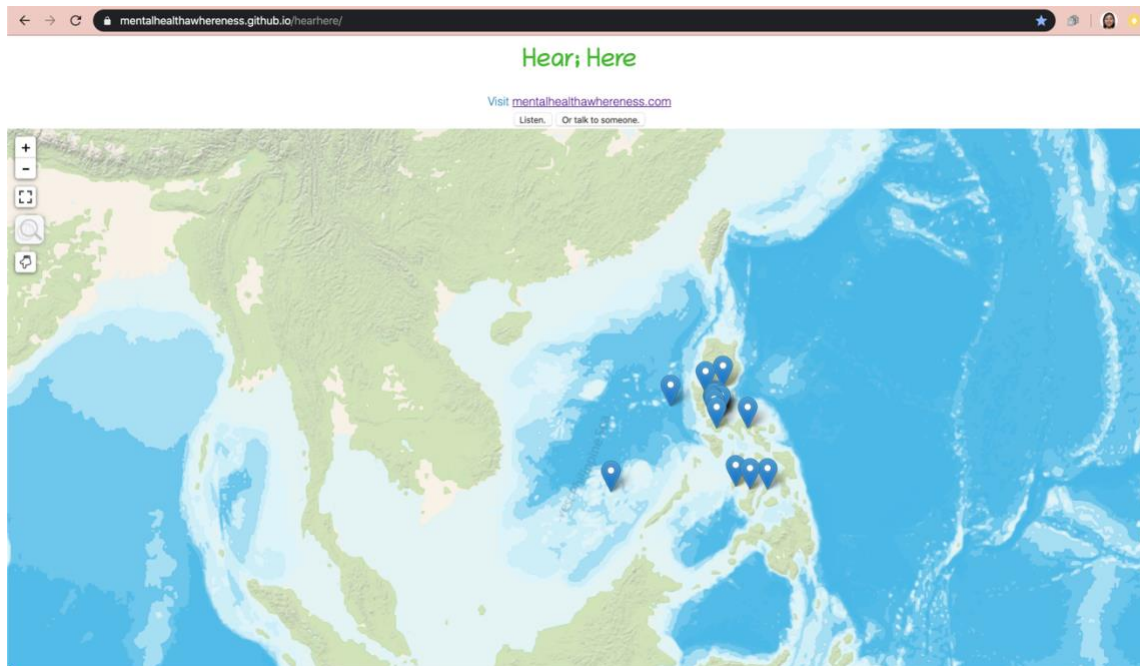
Mental Health aWHEREness Map (Updated, 2021)

https://public.tableau.com/views/MentalHealthAWHEREnessPHMHAPhMap/MHAPh?:language=en&:display_count=no&:showVizHome=no&:showShareOptions=true



Mental Health aWHEREness Map Point-collection Map (Updated, 2021)

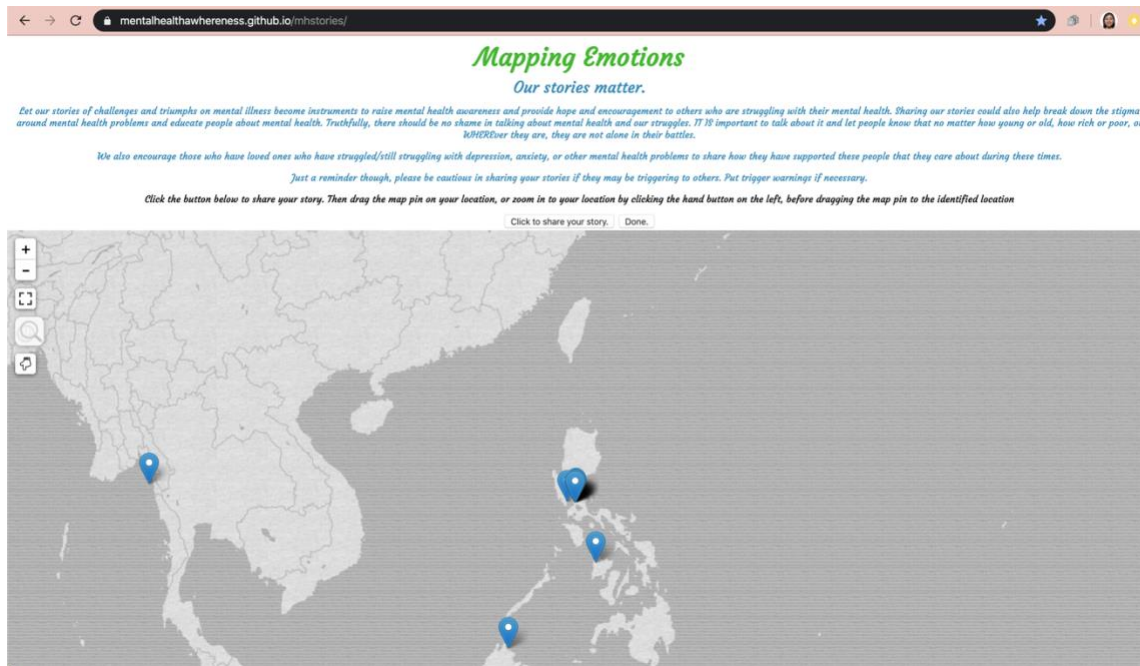
<https://mentalhealthawhereness.github.io/mhaphmap/>



Hear; Here - Community Care Map to Encourage People to provide Community Care to people with mental health problems, especially useful during these times of the COVID-19 Pandemic

This map is for those who would be willing to listen to someone who is fighting a mental health battle and needs a friend. Anyone who is willing to listen may add their information here.

<https://mentalhealthawhereness.github.io/hearhere/>

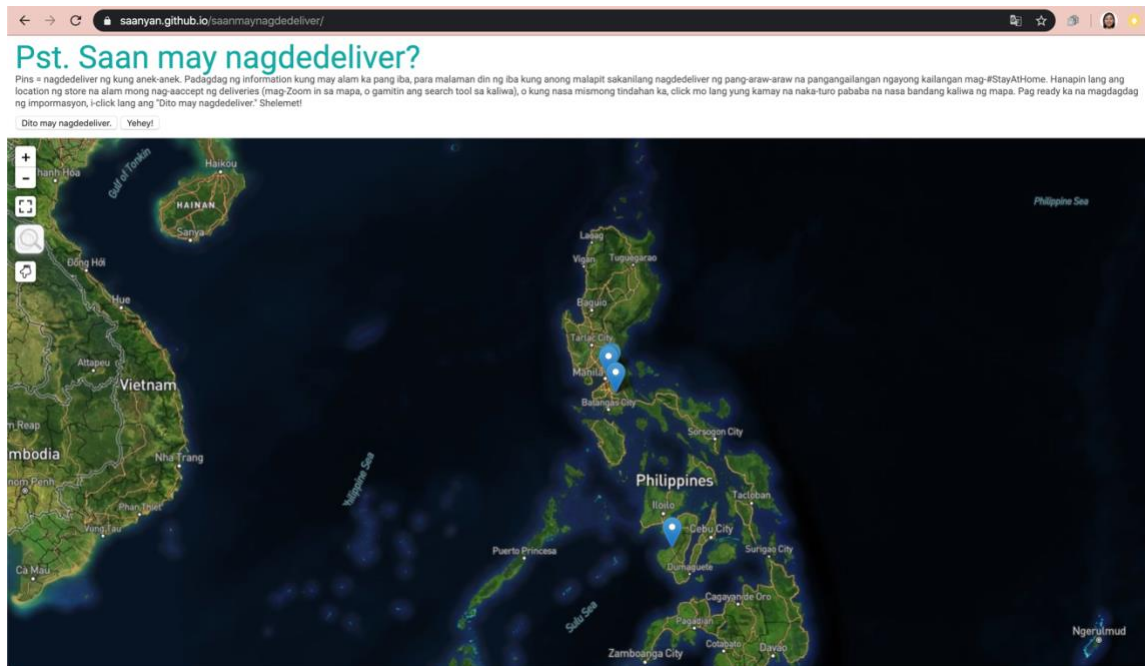


Mapping Emotions - Community Care Map for Mental Health Visibility

This map encourages people to share their mental health stories to help increase mental health-related discourse and make mental health more visible. We want to let people know that no matter how young or old, how rich or poor, or WHEREever they are, they are not alone in their battles.

MAPPING our EMOTIONS can show that mental health occupies space and it matters. Through increased visibility, we can help fight the stigma and show the general public and policymakers that mental health problems are more prevalent than they appear.

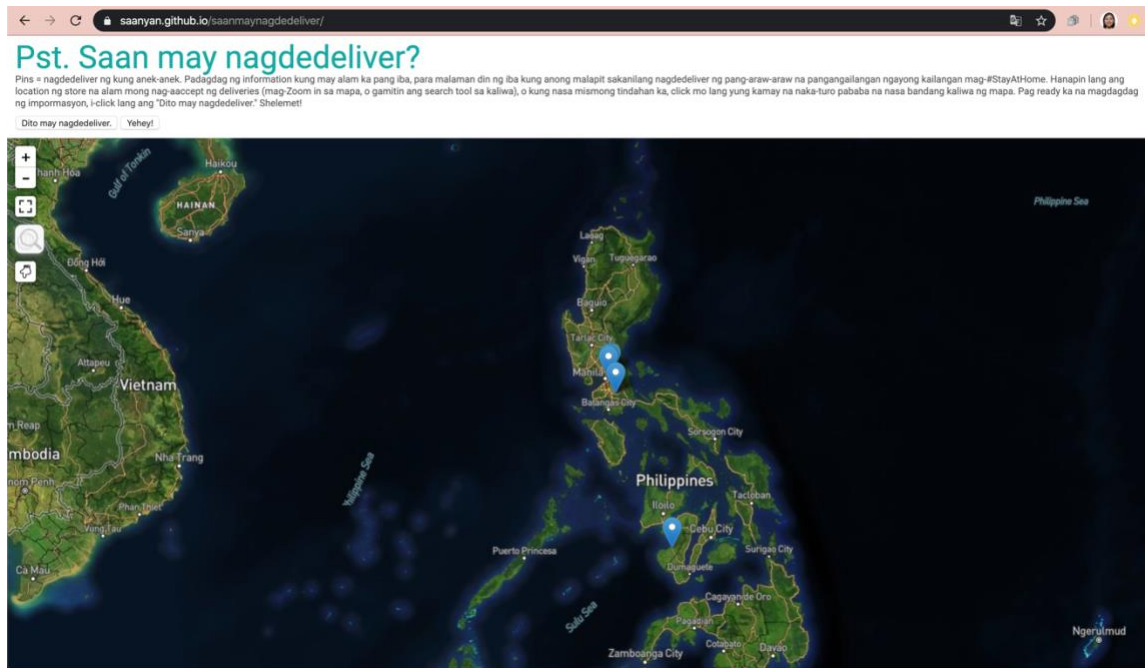
<https://mentalhealthawhereness.github.io/mhstories/>



Saan May Nagdedeliver? (Where can we avail products that can be delivered?)

Due to lockdown and curfew, many people may not be able to go outside to buy their daily needs. This crowdmap aims to encourage people to share information about available delivery services during the COVID-19 outbreak and enhanced community quarantines.

<https://saanyan.github.io/saanmaynagdedeliver/>



Map for Pups – Map on Information for Pet-parents.

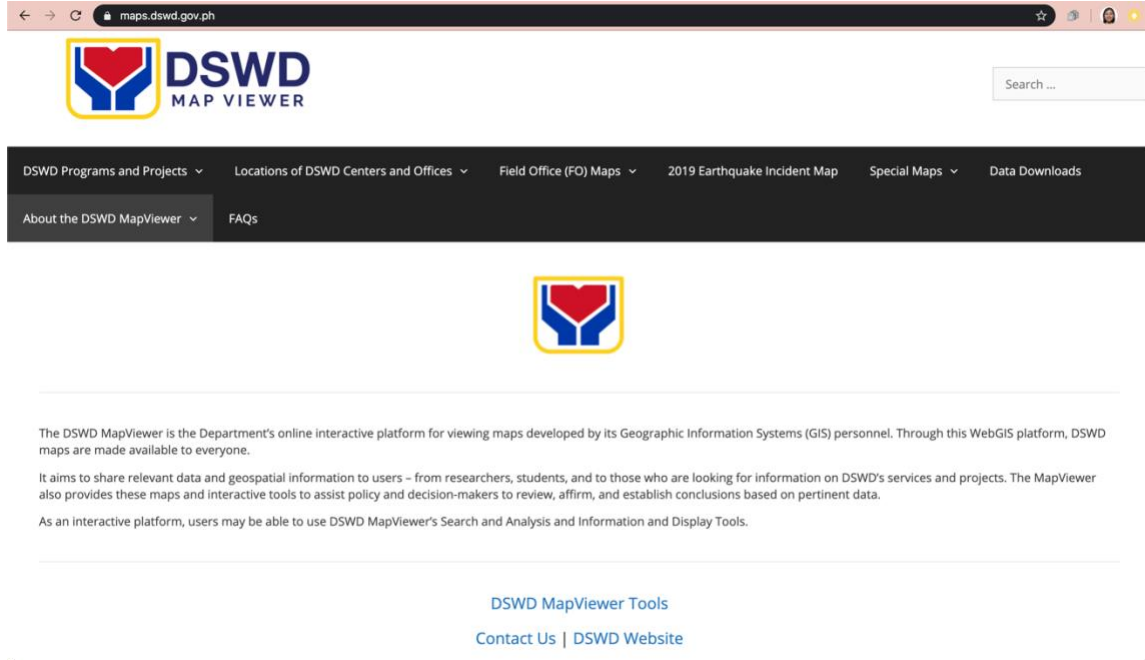
Map points and information from OSM via Overpass-turbo.

<https://www.mapcontrib.xyz/t/ddc6c4->

[Map_for_Pups?fbclid=IwAR1Z1bc0ECnm0yphHZezv6gnxicgxD50ul1nlnqTU4hcP_4Zdd8EQk_L9M](https://www.mapcontrib.xyz/t/ddc6c4-Map_for_Pups?fbclid=IwAR1Z1bc0ECnm0yphHZezv6gnxicgxD50ul1nlnqTU4hcP_4Zdd8EQk_L9M)

<https://www.facebook.com/mapforpups/>

DSWD MAPVIEWER AND DASHBOARDS



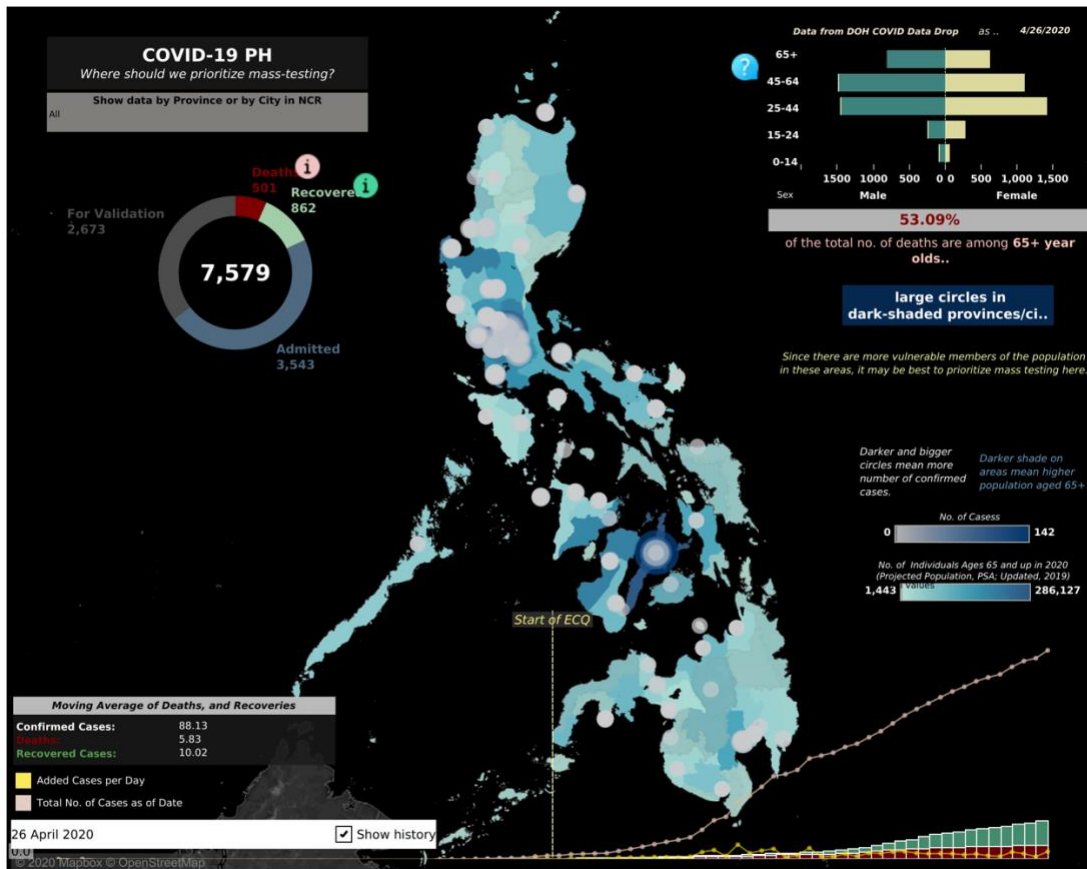
DSWD MapViewer - Online Interactive Map Platform of the PH Department of Social Welfare and Development for data and information sharing to the public

Led the creation of this platform and headed the GIS Team that manages the DSWD MapViewer and teaches Regional IT Officers of DSWD from all 17 regional and field offices.

<https://maps.dswd.gov.ph/>

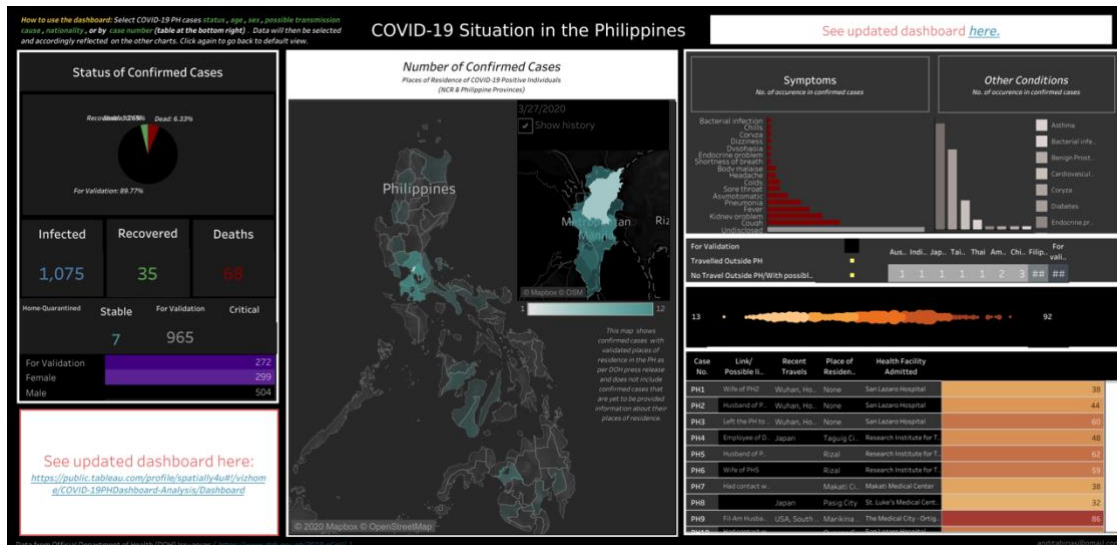
DATA VISUALIZATIONS

COVID-19 Dashboards



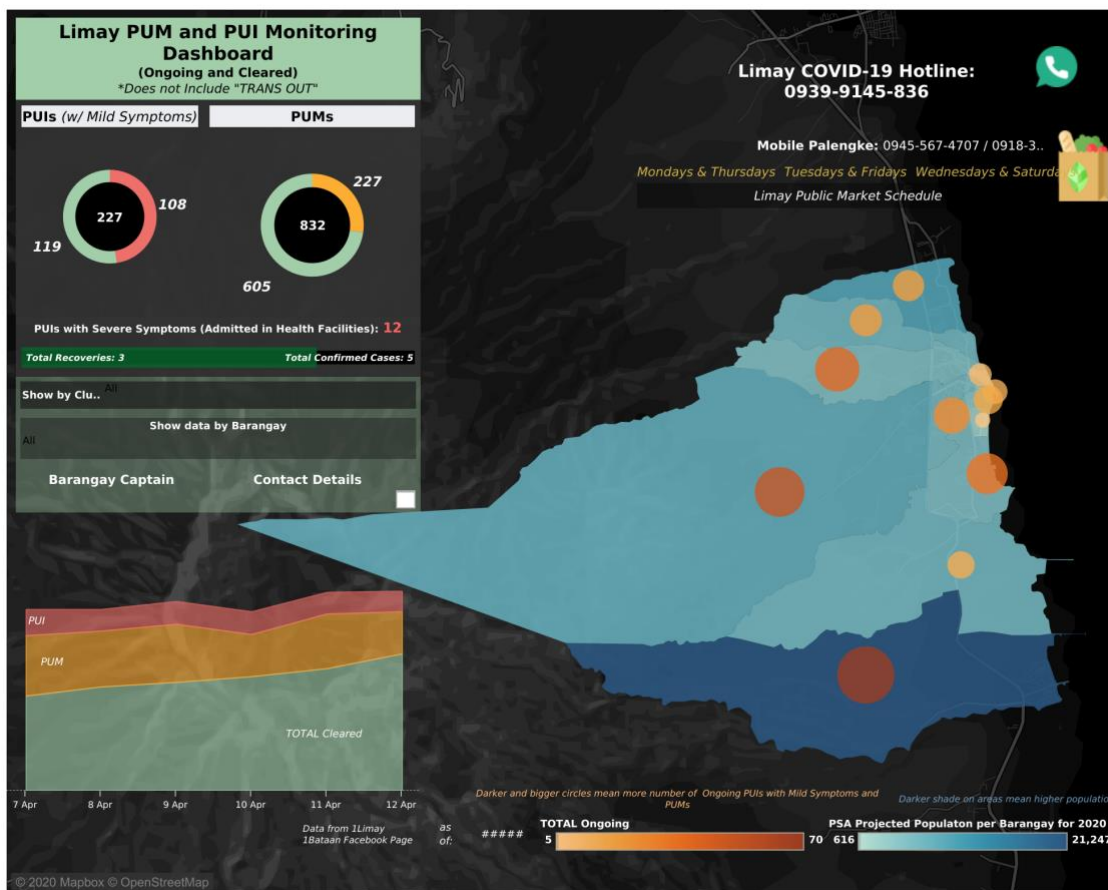
COVID-19 PH Viz and Analysis (buttons in the viz leads to other pages of the dashboard)

https://public.tableau.com/views/COVID-19PHDashboard-Analysis/Dashboard?:display_count=yes&:showVizHome=no



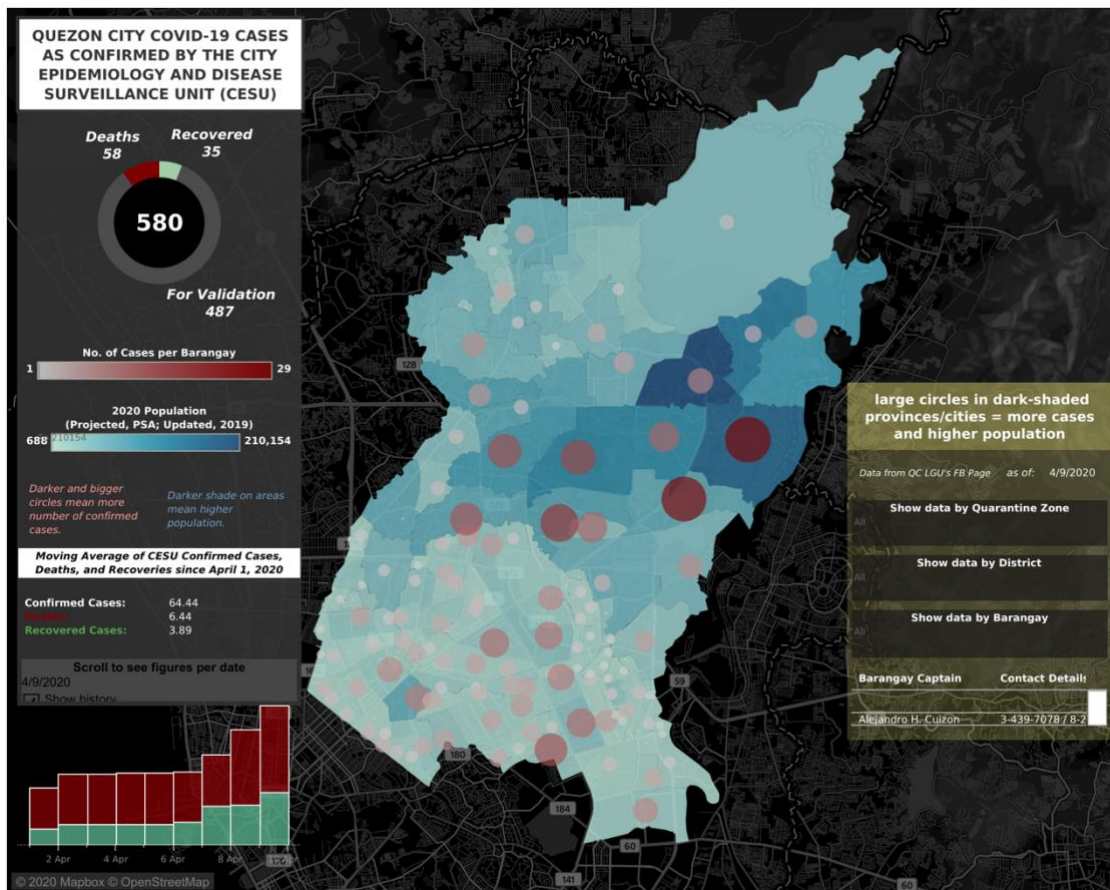
COVID-19 PH – Initial COVID-19 PH Dashboard Originally published on March 13, 2020

https://public.tableau.com/views/COVID-19PHDashboard/Dashboard?:display_count=yes&:showVizHome=no



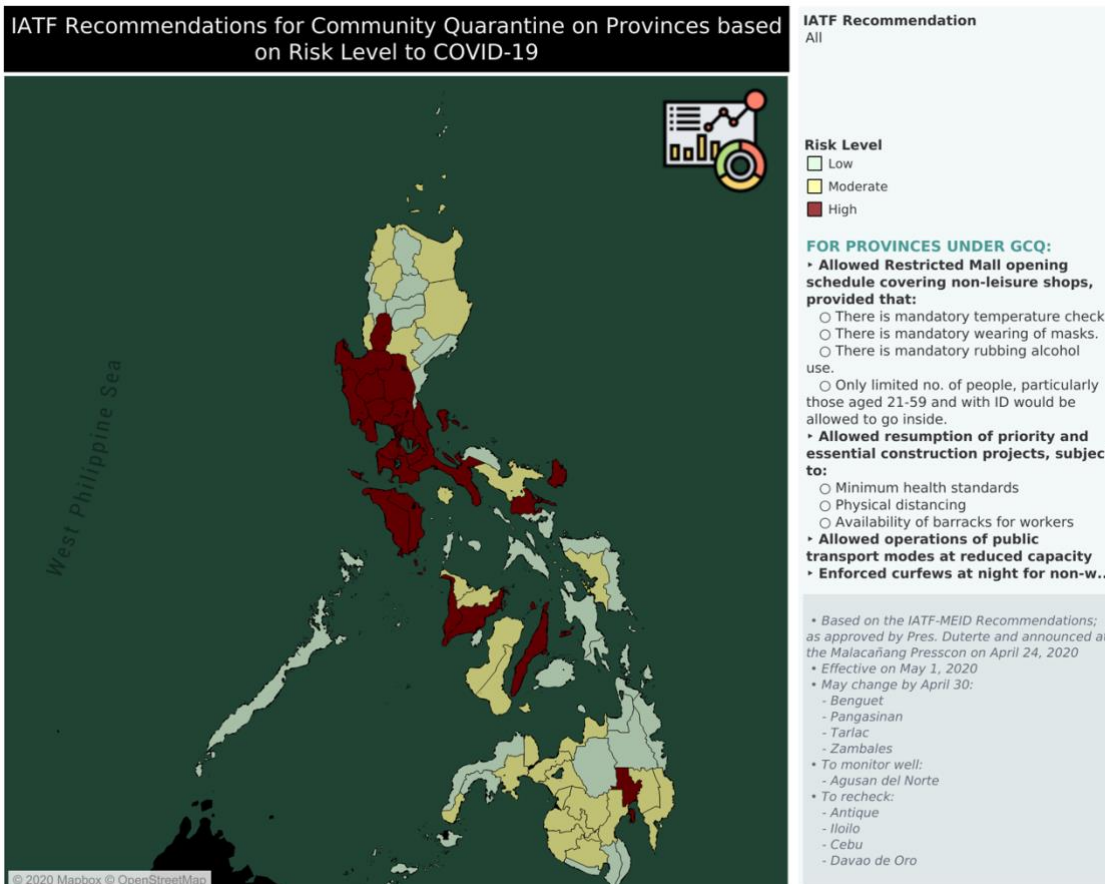
COVID-19 Dashboard-PUM and PUI Monitoring for a town in PH

https://public.tableau.com/views/Limay-COVID-19Dashboard-PUMandPUIMonitoring/Dashboard?:display_count=yes&:showVizHome=no



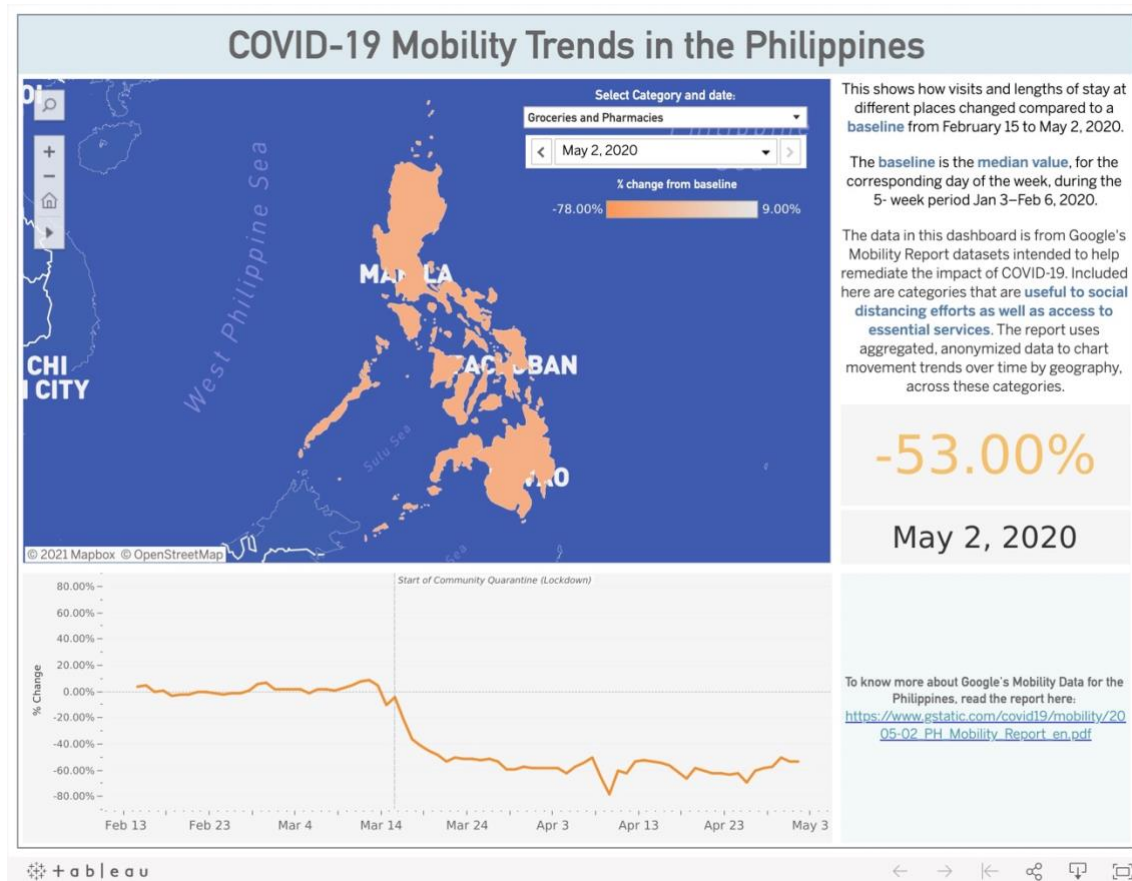
Quezon City, Metro Manila, Philippines COVID-19 Cases Dashboard

https://public.tableau.com/views/QC-COVID-19Dashboard-Analysis/Dashboard?:display_count=yes&:showVizHome=no



IATF Community Quarantine Recommendations based on Risk Level to COVID-19

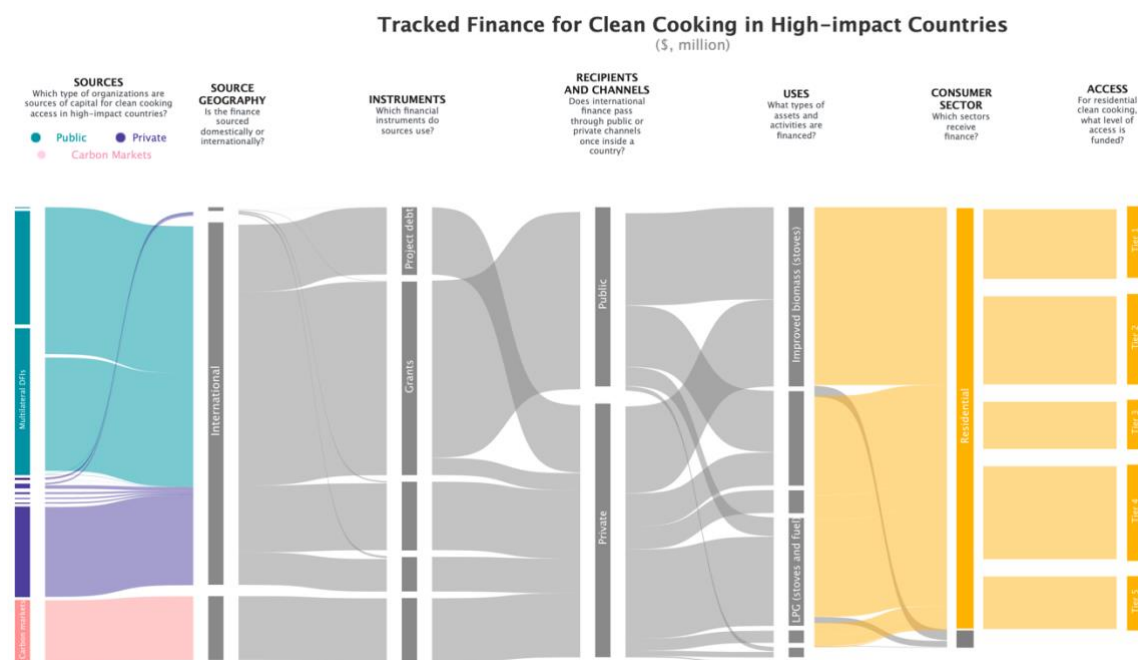
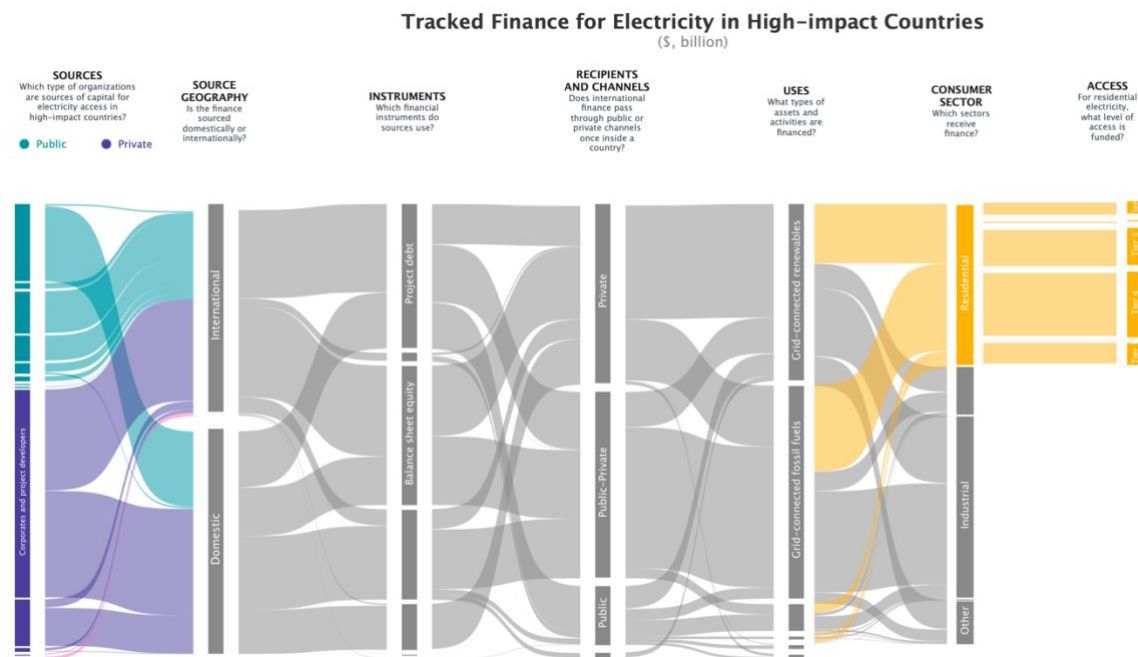
https://public.tableau.com/views/IATFCommunityQuarantineRecommendationsbasedonRiskLeveltoCOVID-19/CommunityQuarantinePH?:display_count=yes&:showVizHome=no



COVID-19 Mobility Trends in the Philippines

<https://public.tableau.com/profile/spatially4u#!/vizhome/COVID-19MobilityTrendsInthePhilippines/PHMobilityTrend>

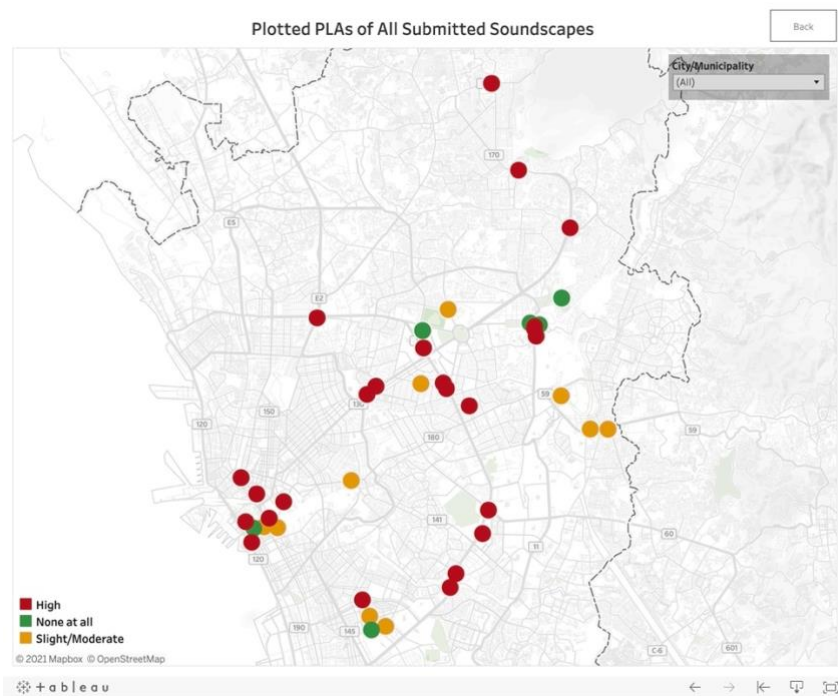
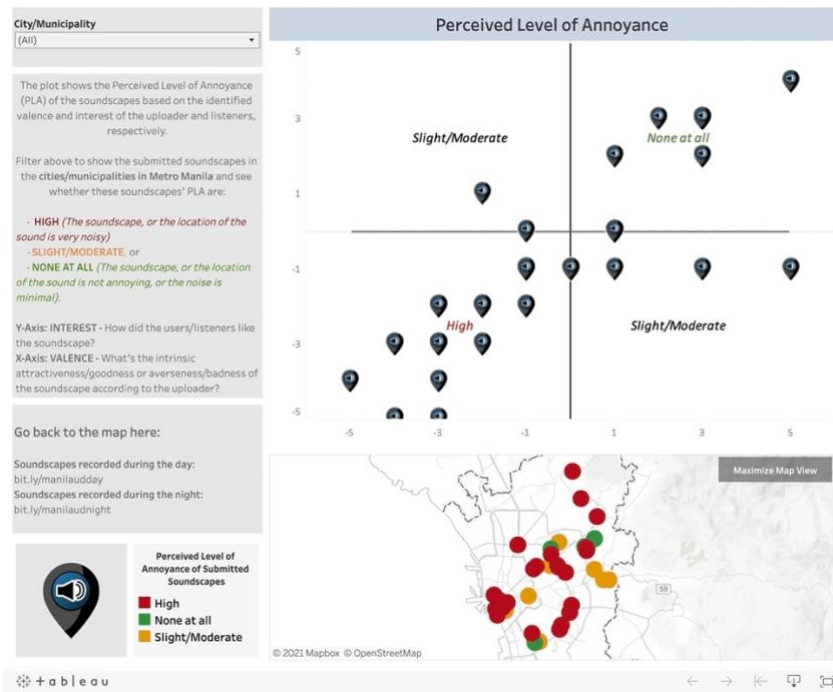
Other Data Visualizations/Dashboards



Paid Project for SE4All's Energizing Finance Series

Data Visual Design for Sustainable Energy for All

<https://www.seforall.org/data-and-evidence/energizing-finance-series>



Dashboards for MANILAud: Metro Manila Soundscapes

https://public.tableau.com/views/PercievedLevelofAnnoyanceofSoundscapes/Dashboard1?%3Alanguage=en&%3Adisplay_count=no&%3AshowVizHome=no&%3AshowShareOptions=false - 3

By Contact Means
Call
Email
Website
Facebook Page
Sign-Up Form
Full

Centers Offering Online Psychological Services During the COVID-19 Pandemic

See Centers Offering Online Psychological Services During the COVID-19 Pandemic [according to how one may avail the service](#) (via **Call**, **Email**, their **Facebook Page**, or through a **Sign-up Form**).

[Click here to see the full list.](#)

Filter the list per Region below:

Region (All)

No. of Centers per Region (Centers Offering Online Psycholog...

NOTE: The data reflected here were initially based on the list from the Psychological Association of the Philippines (PAP), updated as of May 14, 2020 as posted on their Facebook Page. We have then researched for other information (address, contact numbers, etc.) from available online resources and from the Mental Health AWHEREness Directory.

To add data, please fill out the form at <http://bit.ly/onlinehma>.

Call

[Click to show full details.](#)

Ateneo Bulatao Center for Psychological Services	8-426-5982
B&M Neuro Testing Center	09568123523;

Email

Ateneo Bulatao Center for Psychological Services	bulataocenter.ls@ateneo.edu
Better Steps Psychology, Inc.	wellness@bettersteps.org

Facebook Page

Ateneo Bulatao Center for Psychological Services	https://www.facebook.co..
Central Luzon Volunteer Mental Health Professionals (CLVMHP) Online Counseling & Psychotherapy	https://web.facebook.co..

Website

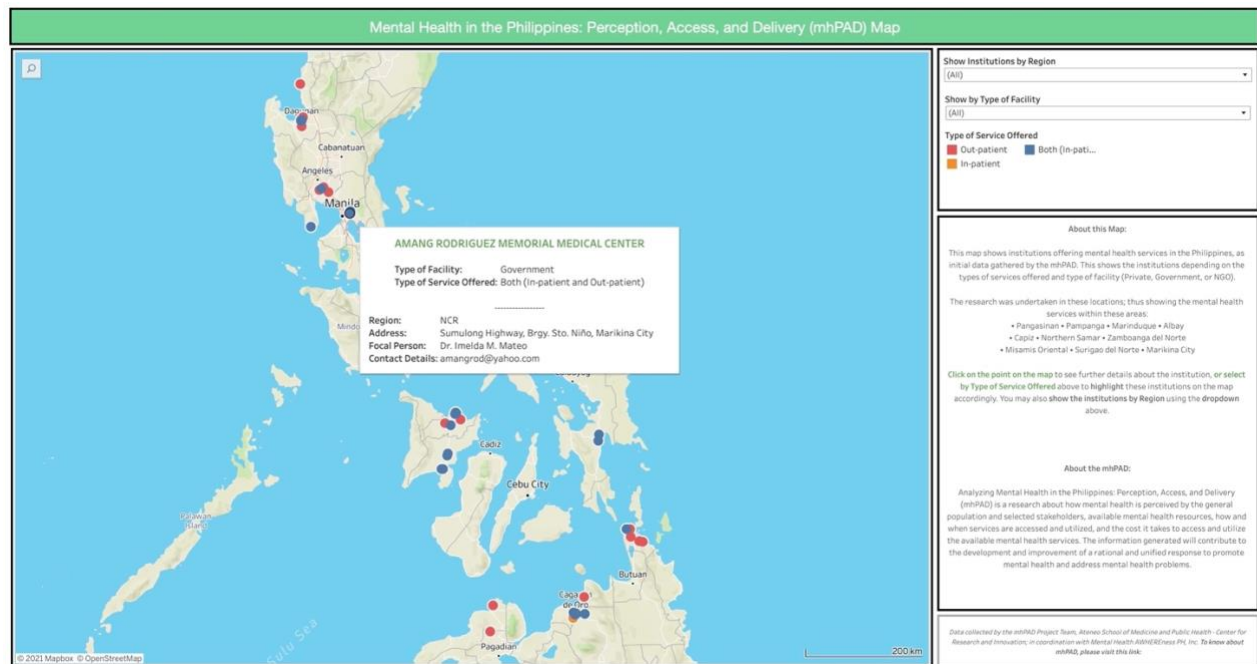
Ateneo Bulatao Center for Psychological Services	http://ateneobulataocenter.com/
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Sign-Up Form

Circle of Hope Community Services, Inc.	bit.ly/SCbreak
GrayMatters Psychological and Consultancy, Inc. Philippines	bit.ly/gmfrontliners

Centers Offering Online Psychological Services in the Philippines During the COVID-19 Pandemic

https://public.tableau.com/views/CentersOfferingOnlinePsychologicalServicesDuringtheCOVID-19Pandemic/ByContactMeans?:language=en&:display_count=no&:showVizHome=no



Dashboards for the Ateneo School of Medicine and Public Health's Nationwide Study on Mental Health: *Analyzing Mental Health in the Philippines: Perception, Access, and Delivery*

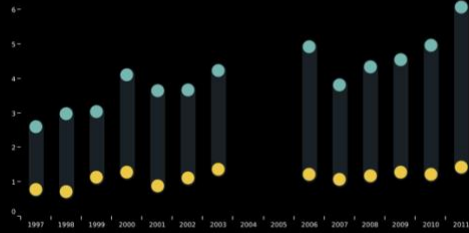
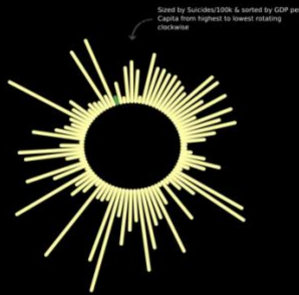
https://public.tableau.com/views/MentalHealthinthePhilippinesPerceptionAccessandDeliverymhPADMap/Dashboard1?:language=en&:display_count=no&:showVizHome=no&:showShareOptions=false

MENTAL HEALTH IN THE PHILIPPINES

SUICIDE RATES BY COUNTRY & THE CONTRAST BETWEEN MALE & FEMALE OVER TIME

Select a country

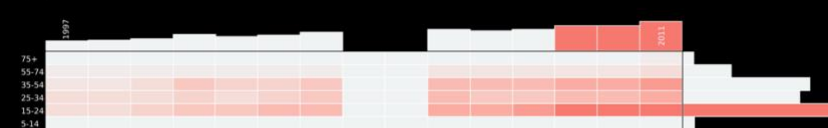
Philippines



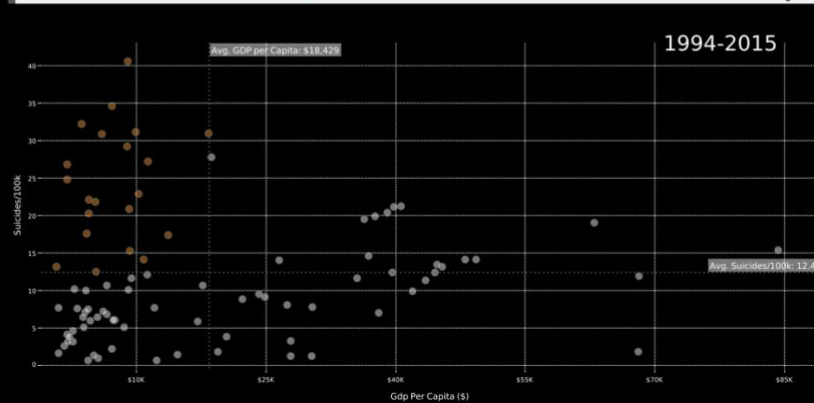
AGE-STANDARDIZED DEATH RATES AND NUMBER OF DEATHS BY SUICIDE/SELF-HARM



DEATHS BY SUICIDE/SELF-HARM IN THE PHILIPPINES FROM 1997 TO 2011 PER AGE GROUP

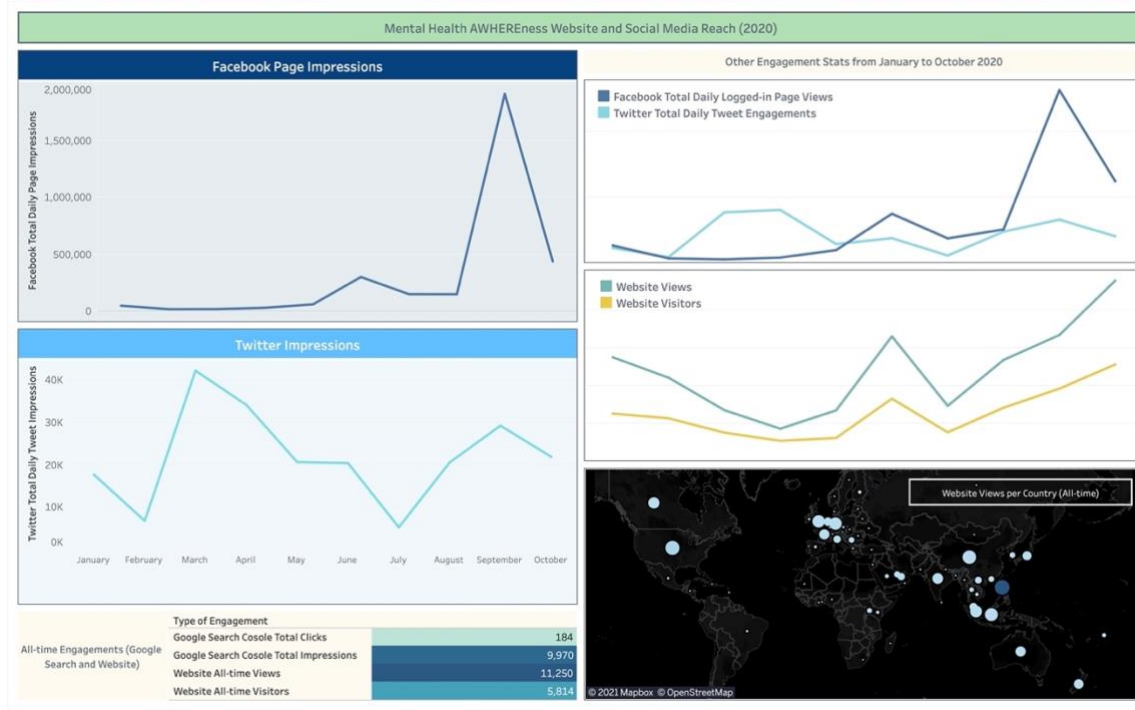


THE CORRELATION BETWEEN SUICIDE RATES & GDP PER CAPITA



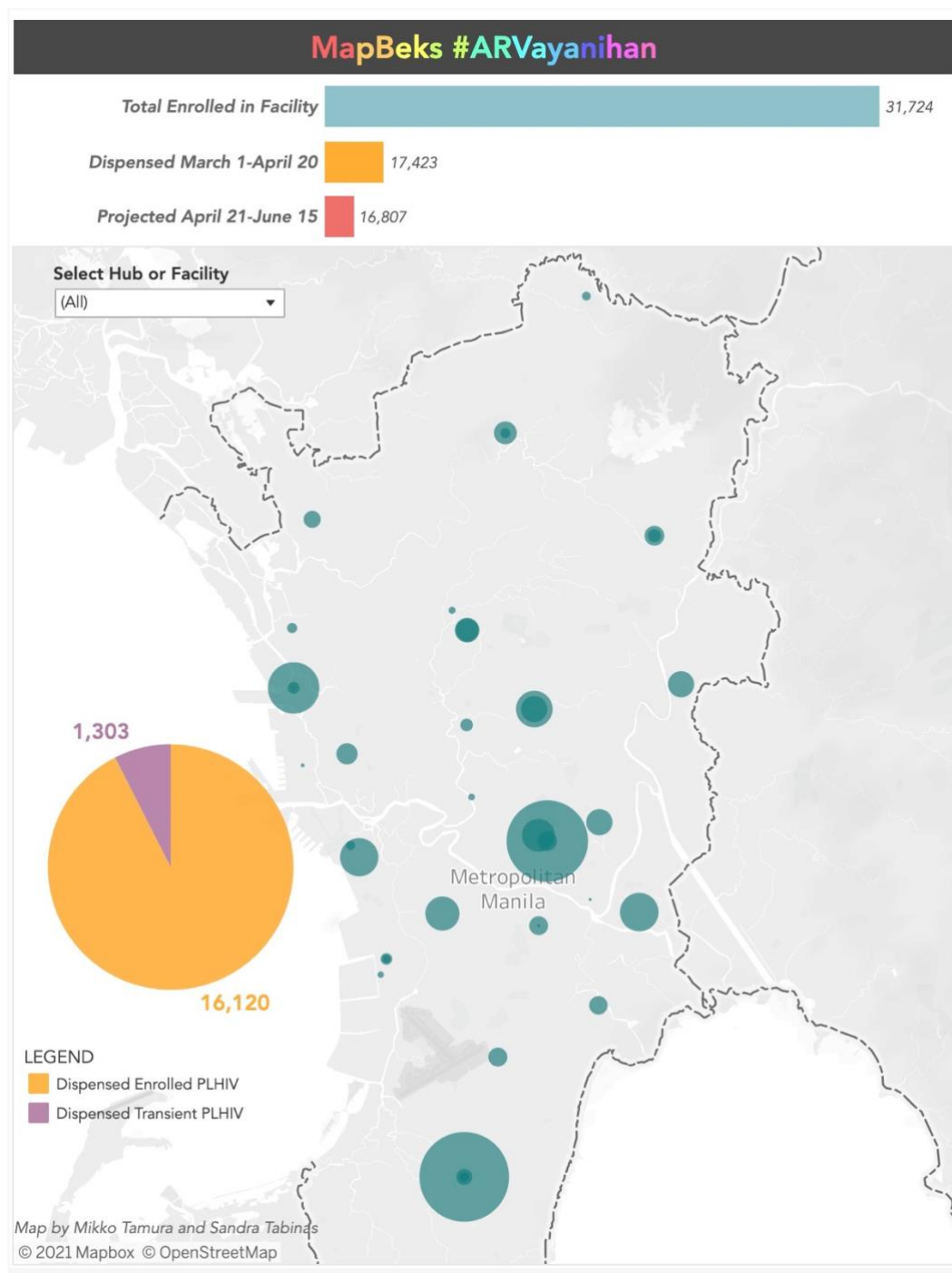
Suicide Rates in the Philippines

https://public.tableau.com/views/SuicideRates1994-2015-Ph/SuicideRates?:display_count=yes&:showVizHome=no



Mental Health AWHEREness Website and Social Media Reach

<https://public.tableau.com/profile/spatially4u#!/vizhome/MentalHealthAWHERenessWebsiteandSocialMediaReachfor2020/Dashboard1>



MapBeks #ARVayanihan: Dispensed Enrolled and Transient PLHIVs to help them with ARV

<https://public.tableau.com/profile/spatially4u#!/vizhome/MapBeksARVayanihan/Dashboard1>

TALKS, PRESENTATIONS, MENTORSHIP



Bayanivation

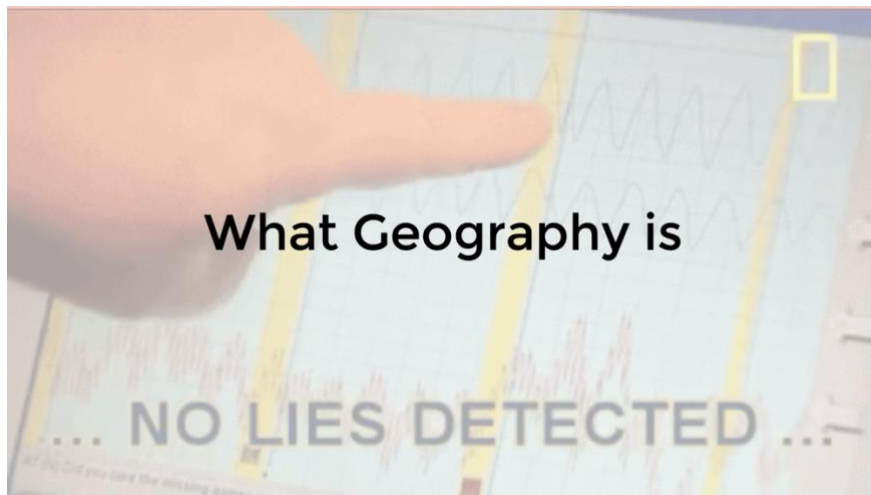
Mentor for a nationwide program that aims to spark civic innovation and digital transformation in local governance in the Philippines

<https://bayanivation.com/>



Philippine Geography Olympiad

<http://pgo.younggeographers.org/>

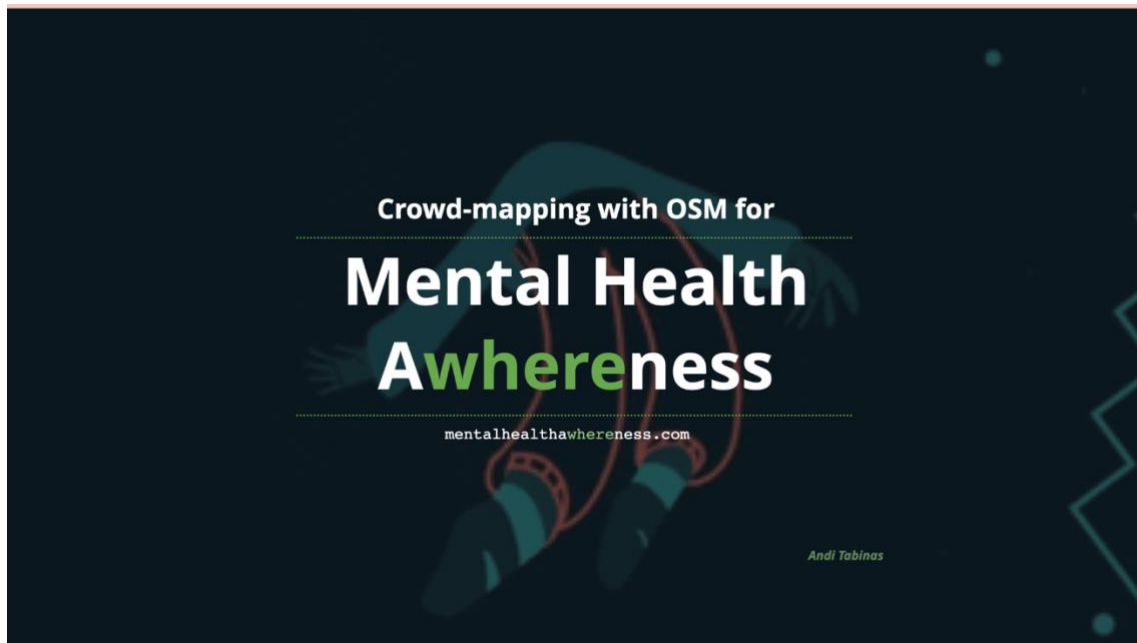


<https://slides.com/anditabinas/deck-6d64df>



**Practicing Self-Love for Mental Wellness and Extending it to Others
Through Community Care**

<https://slides.com/anditabinas/deck-9e8381>



Crowd-mapping with OSM for Mental Health aWHEREness – SOTM 2019

<https://slides.com/anditabinas/mental-health-awhereeness-8>

Mental Health A-WHERE-ness PH: Mapping mental health resources in the Philippines

Sunday 16:30, S.0.2

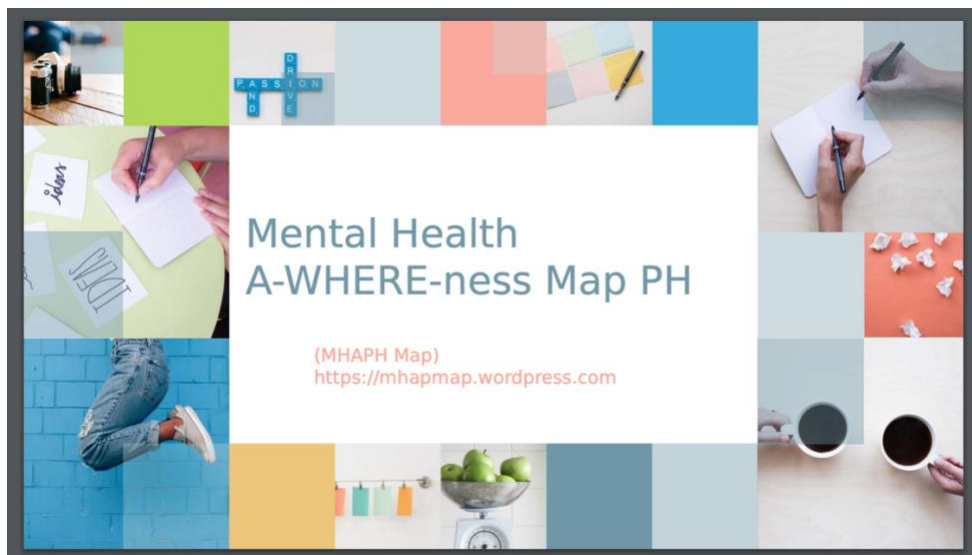
Sandra Tabinas 5 minutes

Department of Social Welfare and Development



Open presentation slides in a new tab

The session will be about mental health care in the Philippines and the services available to individuals suffering from mental health issues in the country. I hope to introduce the map I have made for this cause which I called "Mental Health A-WHERE-ness PH". This map shows the locations of free and paid mental health facilities and services that offer help to people with depression, anxiety, drug and alcohol dependency, etc. I also hope that through this map, which could show the reality of how the Philippines fares in mental health care, those who have the power and the means to help teach mental health awareness and improve services in the country may be made aware of this situation.



Mental Health A-WHERE-ness PH: Mapping mental health resources in the Philippines

[https://2018.stateofthemap.org/2018/L018-Mental_Health_A-WHERE-ness PH Mapping mental health resources in the Philippines/](https://2018.stateofthemap.org/2018/L018-Mental_Health_A-WHERE-ness_PH_Mapping_mental_health_resources_in_the_Philippines/)

POSTERS/RESEARCH

A three-year analysis of Normalized Difference Drought Index (NDDI) as a measure of drought conditions of cornfields in Cauayan City, Isabela, Philippines

S. Tabinas, A. Familara, R. Velasco, A. Vicario
University of the Philippines, Diliman - College of Engineering, DGE

Introduction

Being a country near the equator which primary rely on crop production, the Philippines is highly susceptible to agricultural drought, or the deficiency in plant water supply over a predetermined period of time.

This study utilized NDDI, a derivative of NDVI and NDWI, as a measurement index of corn drought conditions in one of the major corn producers in the Philippines. The NDDI takes advantage of the NDVI sensing plant matter and NDWI sensing plant moisture.

The research aimed to confirm and check the Drought/Dry Spell Assessment tool of the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

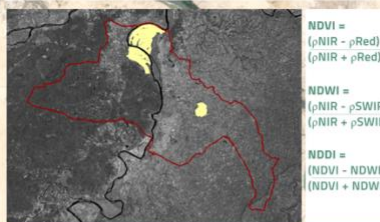


Figure 1. ROIs from vector files of cornfields

Methodology

Data Acquisition and Processing:



Figure 2. Methodology Flowchart

Data Analysis:

Comparative Analysis of the NDDI and other Drought Measurement tools in the Philippines

Year / Quarter	NDDI	% of Normal Temp.	% of Normal Rainfall	PAGASA DSSA
2014 Q1	0.49424	103.8753496	175.6296296	Not Affected
2014 Q3	0.525478	113.0952381	151.9004739	Not Affected
2015 Q1	0.517787	106.5388201	194.9259259	Not Affected
2015 Q3	0.57084	116.6666667	184.9763033	Drought
2016 Q1	0.46405	113.1974963	162.5432099	Not Affected
2016 Q3	0.593754	117.8571429	170.0331754	Not Affected

Figure 3. Table of Drought Measurements and NDDI

Results

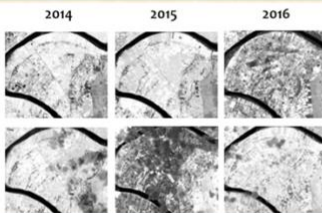


Figure 4. NDDI for all corn fields; top: 1st quarter, bottom: 2nd quarter

ROIs	NDVI		NDWI		NDDI	
	Q1	Q3	Q1	Q3	Q1	Q3
All ROIs	0.3493147	0.332001	0.144893	0.193468	0.49424	0.525478
1	0.554222	0.337589	0.384909	0.226454	0.544533	0.564243
2	0.54273	0.371002	0.270035	0.206448	0.486245	0.57765
3	0.353668	0.356331	0.173469	0.246849	0.527138	0.60318
All ROIs	0.350679	0.382508	0.16711	0.188332	0.517787	0.57084
1	0.364269	0.315561	0.214044	0.14932	0.578313	0.464881
2	0.391594	0.398598	0.174997	0.152142	0.566591	0.55074
3	0.370947	0.278037	0.211057	0.098234	0.582803	0.376271
All ROIs	0.336271	0.387604	0.128324	0.206151	0.464595	0.593754
1	0.296743	0.377191	0.136336	0.215405	0.43308	0.592796
2	0.368548	0.369659	0.124157	0.19667	0.492725	0.566329
3	0.257725	0.387726	0.093164	0.213632	0.350889	0.602358

Figure 5. Table of NDVI, NDWI, NDDI Values

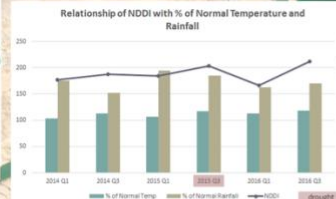


Figure 6. Relationship of NDDI with Percent of Normal (Anomaly) Temperature and Rainfall



Figure 7. Bubble Chart of the NDDI and Different Temperature and Rainfall Anomaly Time Frames

Conclusion

It can be concluded that the observation timeframe of temp. and prec. anomalies that best translate with the measured NDDI values is three months prior to the quarterly periods. This reinforces the method of PAGASA in defining drought detection and reporting that defines drought as three (3) consecutive months of below normal rainfall condition (21%-60% reduction from average rainfall).

Literature Cited

City of Cauayan. (2017, May 10). City of Cauayan General Information. Retrieved from City of Cauayan Official Website: <http://cityofcauyan.gov.ph/index.php/city-profile/general-information>
Campbell, L. (2011, May 10). Semi-Automatic Classification Program for GIS. Retrieved from From GIS to Remote Sensing: <https://fromgis.blogspot.com/p/semi-automatic-classification-program.html>
Daqui, R. (2010). Drought Estimation Maps by Means of Multivariate Land Use and Land Cover Change. In: Science, Education, and Natural and Cultural Heritage, 779-782.
Japanta, J. E. (2010). Coupling Lidar Data and Lidar Data in Determining Corn Plantations in Bulacan City, Philippines. Asian Conference on Remote Sensing.
Program, J. E. (2007). A three-year analysis of NDDI and NDWI for drought assessment over the central Great Plains of the United States. Geophysical Research Letters, 34, L14401.

The brighter part of the images portrayed larger NDDI values which means that the area has greater drought conditions in its surroundings at the time the satellite image was taken. In contrast, the darker sections revealed areas that have less drought conditions, revealing healthier and wetter cornfields.

As evident in Table 1, the NDDI values are greater in the third quarter than the NDDI values in the first quarter. The dark section of the NDDI image for the third quarter of 2015 is due to cloud cover. It is still noticeable that it has parts brighter than its counterparts on the image of the first quarter of 2015.

Acknowledgement

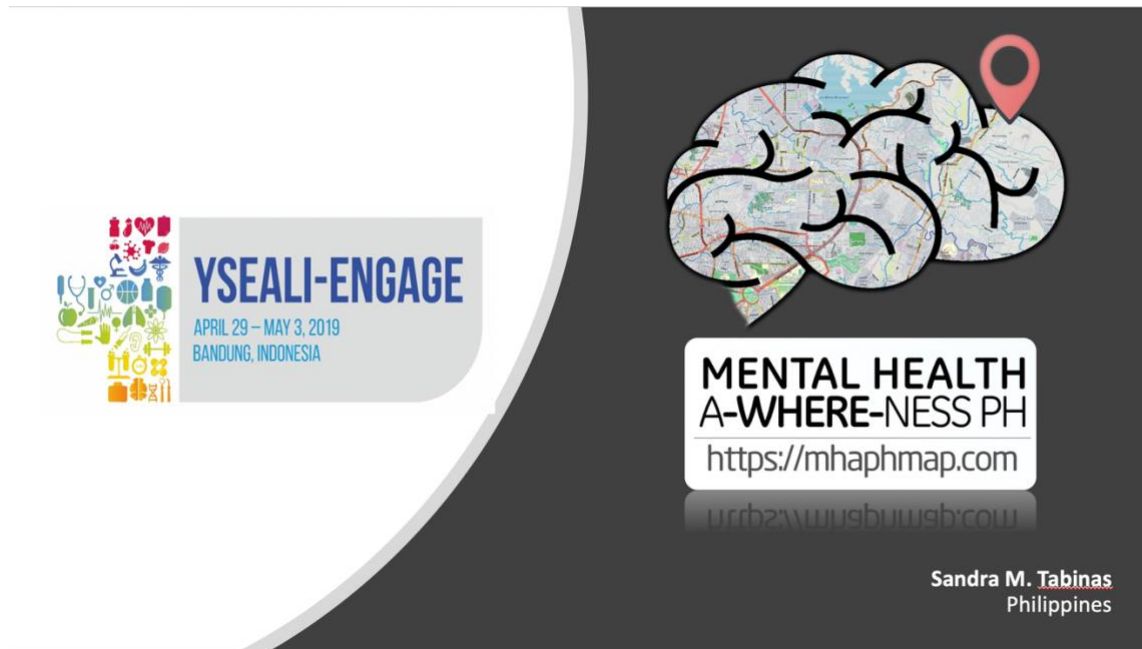
The researchers would like to acknowledge the support of Dr. Enrico Paragat of the UP Diliman Department of Geodetic Engineering and Prof. Marx Tupas for providing guidance in this research, as well as UP NCAH and Phil-LiDAR for providing data needed for the research.

Further Information

email: andtabinas@gmail.com
other projects at <https://maphmap.com>

MGA 2019 – MELBOURNE, AUSTRALIA

A three-year analysis of Normalized Difference Drought Index (NDDI) as a measure of drought conditions of cornfields in Cauayan City, Isabela Philippines



Young Southeast Asian Leadership Initiative Workshop on Empowering the Next Generation for Advocacy and Grassroots Engagement on Non-Communicable Diseases (YSEALI-ENGAGE) – BANDUNG, INDONESIA

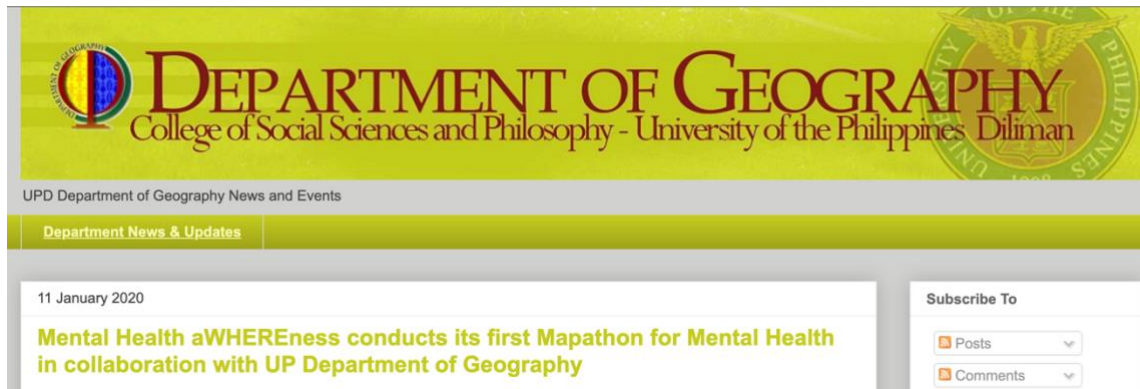
Top 3 Best Initiative / Presentation

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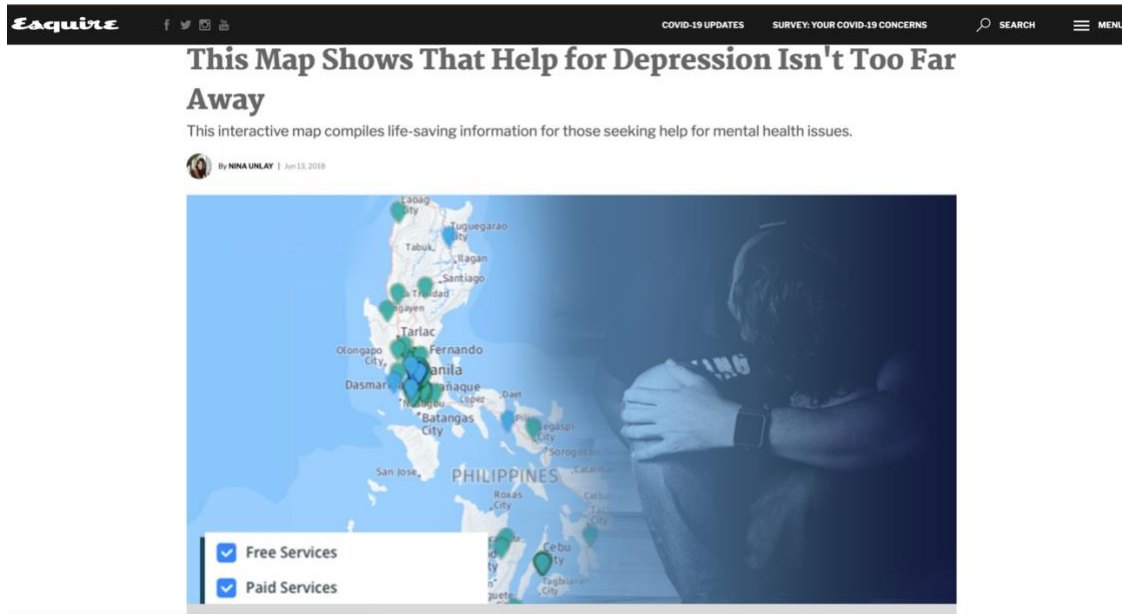
RTI International

<https://www.rti.org/impact/new-generation-advocates-ncd-and-mental-health-disorders-prevention?fbclid=IwAR1kALD6ta7RyDXH0jySTF4MvsdJWfVRdtyCEMIGKvTRi3fVxGsOpyHXYos>



University of the Philippines, Diliman Department of Geography

<http://updgeography.blogspot.com/2020/01/mental-health-awhereness-conducts-its.html>



Esquire

<https://www.esquiremag.ph/life/health-and-fitness/interactive-map-of-all-the-mental-health-facilities-in-the-philippines-a1889-20180613?fbclid=IwAR2cxKgrrltuS3NQY3kTH41RF82i3oEMYppIKjstbz5a0Sd1-7bZ0DKQ2a6c>

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This Interactive Map Lists the Mental Health Facilities in the Philippines

You can consult the map to see the free and paid mental health facilities near you.

by **Kitty Ellicay** · Aug 31, 2018

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https://www.smartparenting.com.ph/health/wellness/mental-health-map-philippines-a00228-20180831?fbclid=IwAR2oRdTU4mE2J2iZreez-SY7v5yXnsMwNBgpXUg_IKMNX0ouP1Sf77o-6U

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Both free and paid facilities are listed.

<https://www.femalenetwork.com/lifestyle/mental-health-map-philippine-sa00228-20180908-src-sp?ref=home> feed 1



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CES STATISTICS REPORT (by gender)
 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017

50% PASS MARCH 5 CES WE
DBM Exec Lands on Highest Rank


Seventy-four (74) out of one hundred forty-eight (148) examinees or 50.00 percent passed the Nationwide CES Written Examination (CES WE), the first examination stage for CES Eligibility, held last March 5, 2017 in three testing centers namely: University of the Philippines-Quezon City, University of Cebu-Cebu City and San Pedro College-Davao City.

Of the seventy-four (74) passers, 70.27% came from Quezon City testing center, 9.46% from Cebu and 20.27% from Davao City.

The top ten (10) passers are as follows:

				
Rivera, Leila Magda G. (89.88%), DBM	Vera Cruz, Philip J. T. (88.31%), DOB	Tiongson-Jordan, Donna M.B. (88.23%), HOR	Tabinas, Sandra M. (87.87%), DSWD	Solidum, Elsie Mae A. (87.46%), DOST-NTI

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http://www.cesboard.gov.ph/index_2017.php?title=we_march5_2017wU.php