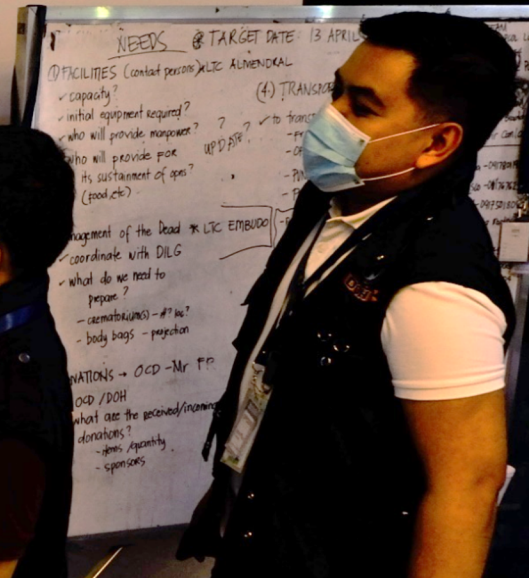
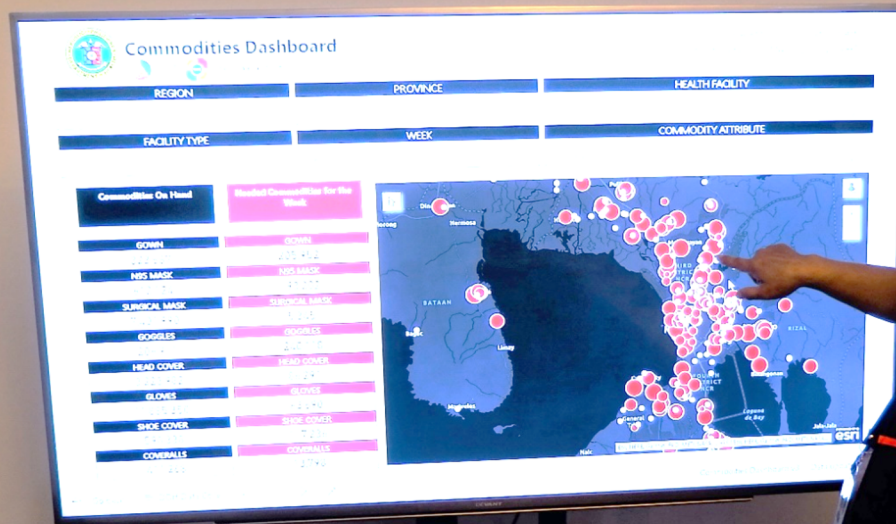




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# USAID MEDICINES, TECHNOLOGIES, AND PHARMACEUTICAL SERVICES (MTaPS) PROGRAM

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# Overcoming procurement and supply chain management challenges to mount an effective emergency response to the COVID-19 pandemic: The case of the Philippines

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Global Health Science and Practice  
Technical Exchange (GHTechX)  
April 23, 2021



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# Presentation Outline

1. Background
2. Reconfiguring the national supply chain management system
3. Development of commodities dashboard
4. Facilitation of virtual training for emergency supply chain management
5. Key takeaways

# Learning Objectives

Participants will be able to:

- I. Describe at least two unique procurement and supply chain management challenges that have emerged in the COVID-19 pandemic
- I. Outline how a supply chain management system can be reconfigured to overcome the identified challenges

# Background

- Poor data visibility within the Department of Health (DOH)
- Stockout of essential health commodities
- USAID MTaPS Program has been working with DOH to strengthen supply chain management capacity since 2018
- COVID-19 response project launched in April 2020 with 6-month duration

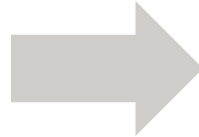
# Reconfiguring National Supply Chain Management System

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# Reconfiguring National Supply Chain Management System

## Challenges:

- Global shortage of and unpredictable demand for essential COVID-19 products
- Lack of timely, accurate data from all levels of the health system for allocation planning
- Lack of coordination mechanism to shift commodity distribution from quarterly to weekly intervals

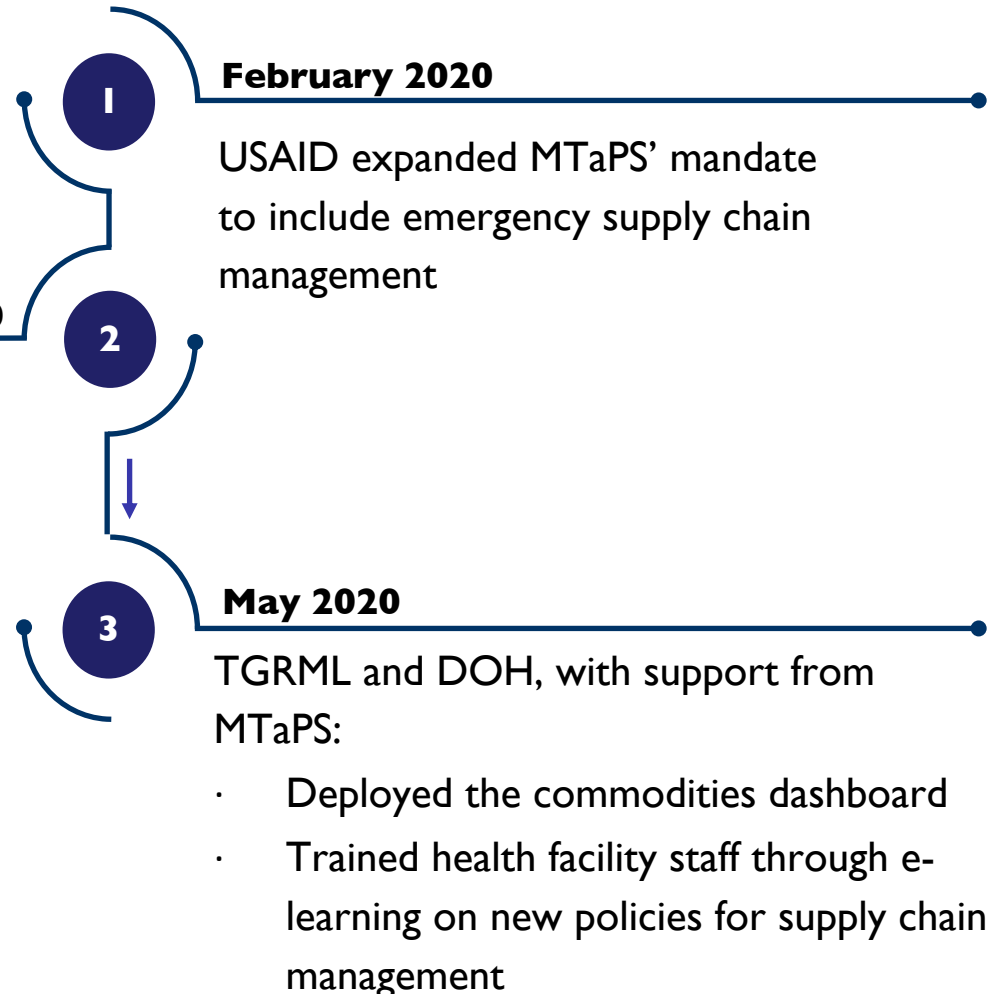


## President's Office established:

The Inter-Agency Task Group on Resource Management and Logistics (TGRML) to oversee the allocation planning logistics operations

TGRML is a sub-group of the COVID-19 Inter-Agency Task Force

# Reconfiguring National Supply Chain Management System



**March 2020**

TGRML, with support from MTaPS, began reconfiguring the national supply chain management system:

- Revised inventory policy for more frequent stock requisition
- Upgraded the Data Collect App (addition of commodity module and dashboard).



# Development of Commodities Dashboard

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# Development of Commodities Dashboard

- The Data Collect App was complemented by the development of commodities dashboard that provides stock visibility of personal protective equipment (PPE) at the national level.
- The commodities dashboard was the basis of national procurement and allocation to hospitals responding to COVID-19.

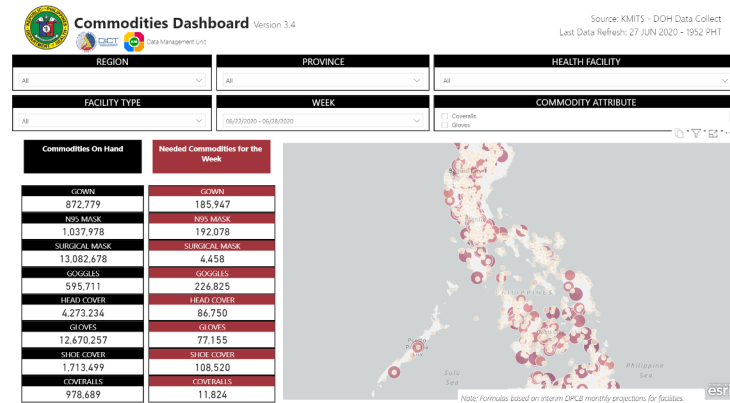
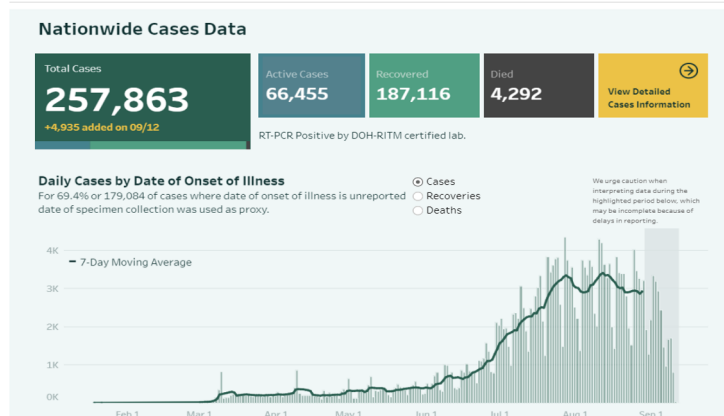


Photo Credit: Armando P. Enriquez, Jr

# Development of Commodities Dashboard

Information may change at any time due to the evolving situation.

COVID-19 Case Tracker [\[view in Full Screen\]](#)



## Data Collect App

# Development of Commodities Dashboard



## Commodities Dashboard Version 3.4

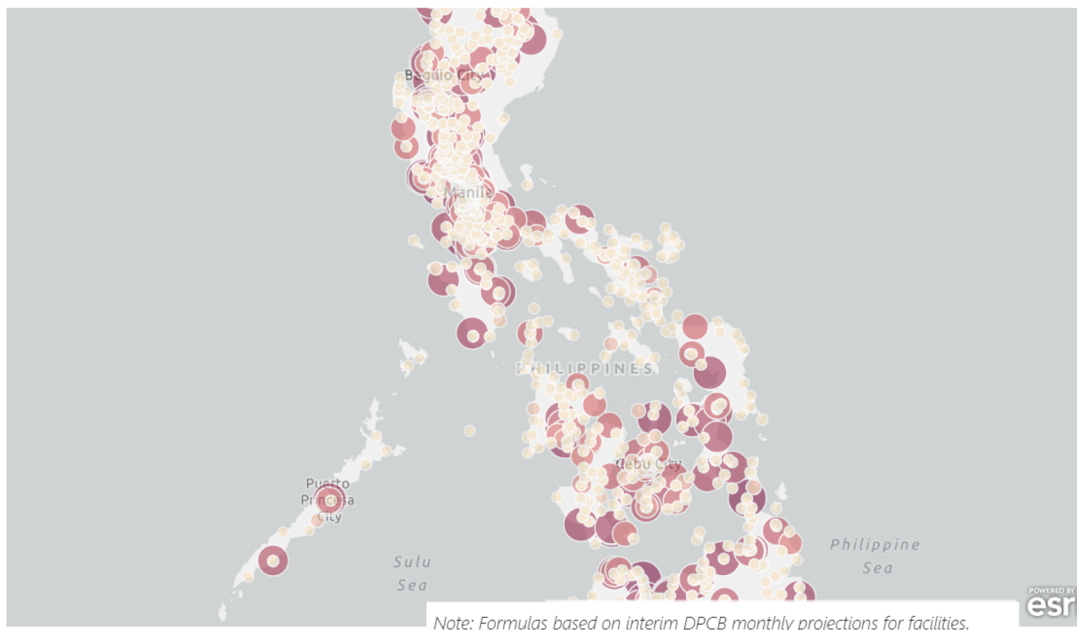


Data Management Unit

Source: KMITS - DOH Data Collect  
Last Data Refresh: 27 JUN 2020 - 1952 PHT

<b>REGION</b> All	<b>PROVINCE</b> All	<b>HEALTH FACILITY</b> All
<b>FACILITY TYPE</b> All	<b>WEEK</b> 06/22/2020 - 06/28/2020	<b>COMMODITY ATTRIBUTE</b> <input type="checkbox"/> Coveralls <input type="checkbox"/> Gloves

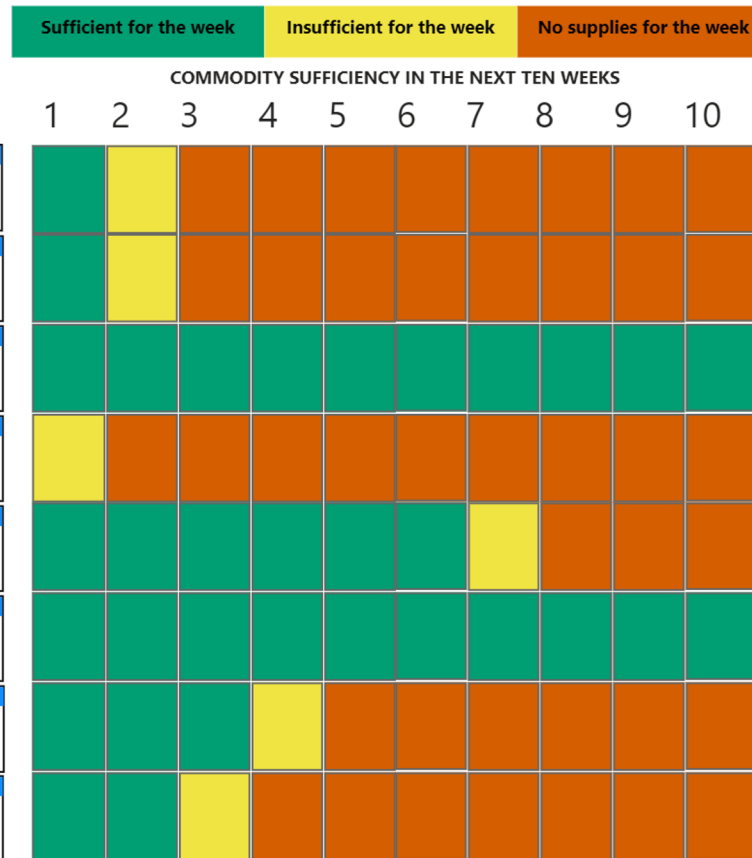
Commodities On Hand	Needed Commodities for the Week
GOWN 872,779	GOWN 185,947
N95 MASK 1,037,978	N95 MASK 192,078
SURGICAL MASK 13,082,678	SURGICAL MASK 4,458
GOGGLES 595,711	GOGGLES 226,825
HEAD COVER 4,273,234	HEAD COVER 86,750
GLOVES 12,670,257	GLOVES 77,155
SHOE COVER 1,713,499	SHOE COVER 108,520
COVERALLS 978,689	COVERALLS 11,824



# Development of Commodities Dashboard

REGION	PROVINCE	FACILITY TYPE	HEALTH FACILITY	WEEK
All	All	All	All	06/22/2020 - 06/28/2020

COVID RELATED PATIENTS		
4942		
Commodities On Hand	Needed Commodities for the Week	Days Until Supplies Last
<b>GOWN</b>	<b>GOWN</b>	<b>GOWN</b>
872,779	185,947	8
<b>N95 MASK</b>	<b>N95 MASK</b>	<b>N95 MASK</b>
1,037,978	192,078	9
<b>SURGICAL MASK</b>	<b>SURGICAL MASK</b>	<b>SURGICAL MASK</b>
13,082,678	4,458	608
<b>GOGGLES</b>	<b>GOGGLES</b>	<b>GOGGLES</b>
595,711	226,825	5
<b>HEAD COVER</b>	<b>HEAD COVER</b>	<b>HEAD COVER</b>
4,273,234	86,750	49
<b>GLOVES</b>	<b>GLOVES</b>	<b>GLOVES</b>
12,670,257	77,155	151
<b>SHOE COVER</b>	<b>SHOE COVER</b>	<b>SHOE COVER</b>
1,713,499	108,520	23
<b>COVERALLS</b>	<b>COVERALLS</b>	<b>COVERALLS</b>
978,689	11,824	21



# Facilitation of Virtual Training for COVID-19 Supply Chain Management

# Facilitation of Virtual Training for COVID-19 Supply Chain Management

01

## Training Module Development

Supply Chain Management for COVID-19 training module was developed in collaboration with the DOH.

April 2020



02

## Online Training Facilitation via Video Conferencing Platforms

The training module was offered to hospitals attending to the COVID-19 response.

May to September 2020



03

## Transformation of online training into an eLearning Course

The online training was converted into an eLearning course and was made available in the DOH Academy Website.

September 2020, onwards

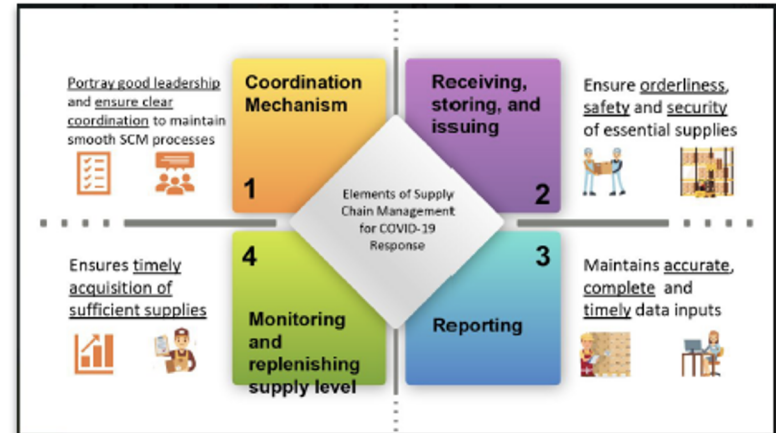


# Facilitation of Virtual Training for COVID-19 Supply Chain Management

## Virtual Training Program: Supply Chain Management for COVID-19 Launch (13 May 2020)

### USAID MEDICINES, TECHNOLOGIES, AND PHARMACEUTICAL SERVICES (MTaPS) PROGRAM

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2:30–2:45 PM

1. Opening Messages

- USAID – Bryn Sakagawa, Director, Office of Health2, USAID
- DOH – Ma. Carolina V. Taiño, CPA, MGM, CESO III  
Undersecretary of Health, Procurement and Supply Chain  
Management Team

2:45–2:50 PM

2. Introduction of facilitator

2:50–3:50 PM

3. Training Presentation / Q&A

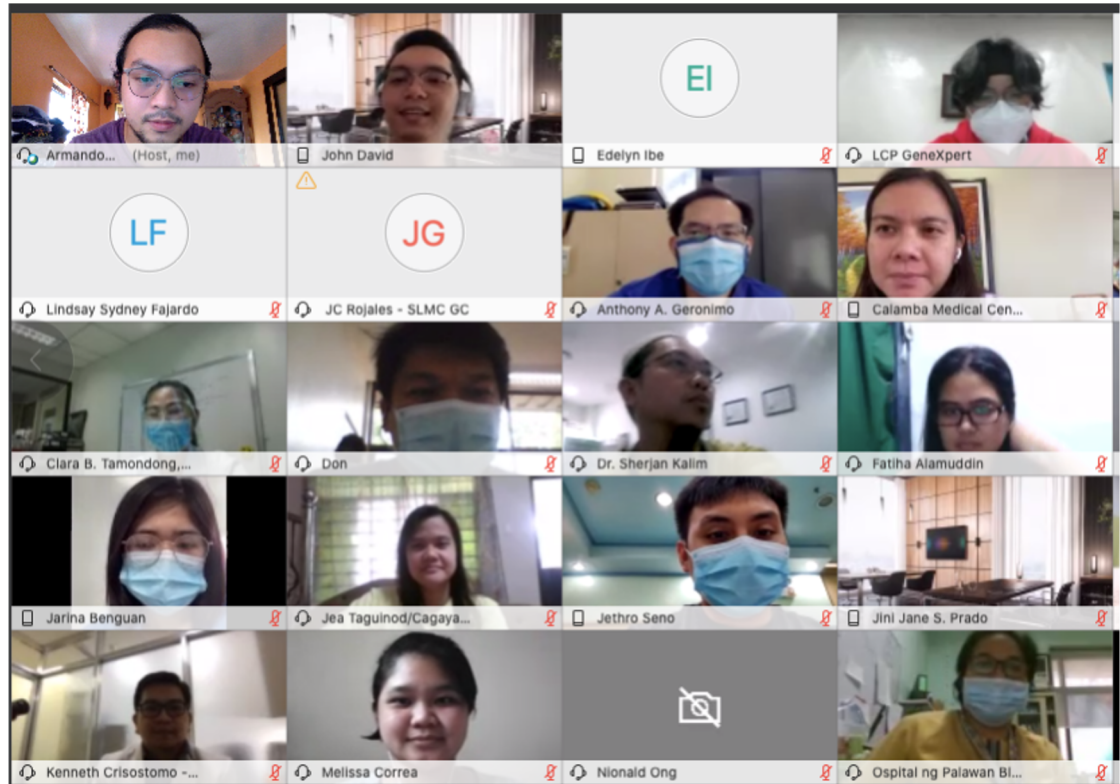
3:50–4:00 PM

4. Closing Messages

- Message/Sharing from a participant
- Message/Sharing from a participant



# Facilitation of Virtual Training for COVID-19 Supply Chain Management



# Facilitation of Virtual Training for COVID-19 Supply Chain Management

The screenshot shows the Department of Health Academy Philippines website. The navigation bar includes links for 'About', 'Available Courses', 'Infomercials', 'Certificate', 'FAQs', 'Contact us', and 'COVID-19 CORE Portal'. A search icon and a 'Log in' button are also present. The main content area displays a grid of training modules:

- UNIVERSAL HEALTH CARE
- ADEPT (Adolescent Health Education & Practical Training for Healthcare Service Providers Nationwide)
- DATA GOVERNANCE
- Xpert MTB/RIF Blended Learning Training Program
- INTRODUCTION TO SEVEN MAJOR RECOMMENDATIONS TO PREVENT TUBERCULOSIS TRANSMISSION
- COVID KAYA INFORMATION SYSTEM USERS TRAINING
- INFECTION PREVENTION & CONTROL FOR COVID-19 (FOR FRONTLINE HEALTHCARE WORKERS IN FACILITY)
- INFECTION PREVENTION AND CONTROL FOR COVID-19 FOR HOME AND COMMUNITY SETTINGS
- INFECTION PREVENTION AND CONTROL FOR COVID-19
- SUPPLY CHAIN MANAGEMENT FOR COVID-19** (highlighted with a red circle)
- HEALTHCARE WASTE MANAGEMENT
- RISK COMMUNICATION AND COMMUNITY ENGAGEMENT FOR COVID-19

# Results

From May to September, **1,841 health workers** from 136 COVID-19 public and private health facilities were trained on the new supply chain system and Data Collect App. Thereafter, when virtual training was transform into an eLearning course, **additional 164 healthcare workers** were trained from September 2020 to January 2021



Data Collect App gathers **timely, accurate data** across 1,925 COVID-19 health facilities



There have been **no stock outs** of COVID-19 products



TGRML **effectively plans and allocates resources**, using the commodity dashboard

# Key results and take away

- Data Collect App utilization in the Philippines was highly useful:
  - 98.8% of 1,925 COVID-19 treatment facilities reported on daily and weekly bases
  - No major stock out of COVID-19 commodities at facility level
- In absence of a functional logistic management information system, the mobile phone based DataCollectApp can provide a viable solution for essential stock data visibility to balance equity and emergency response

# MTaPS Philippines Contacts

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# Thank You — Questions?



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