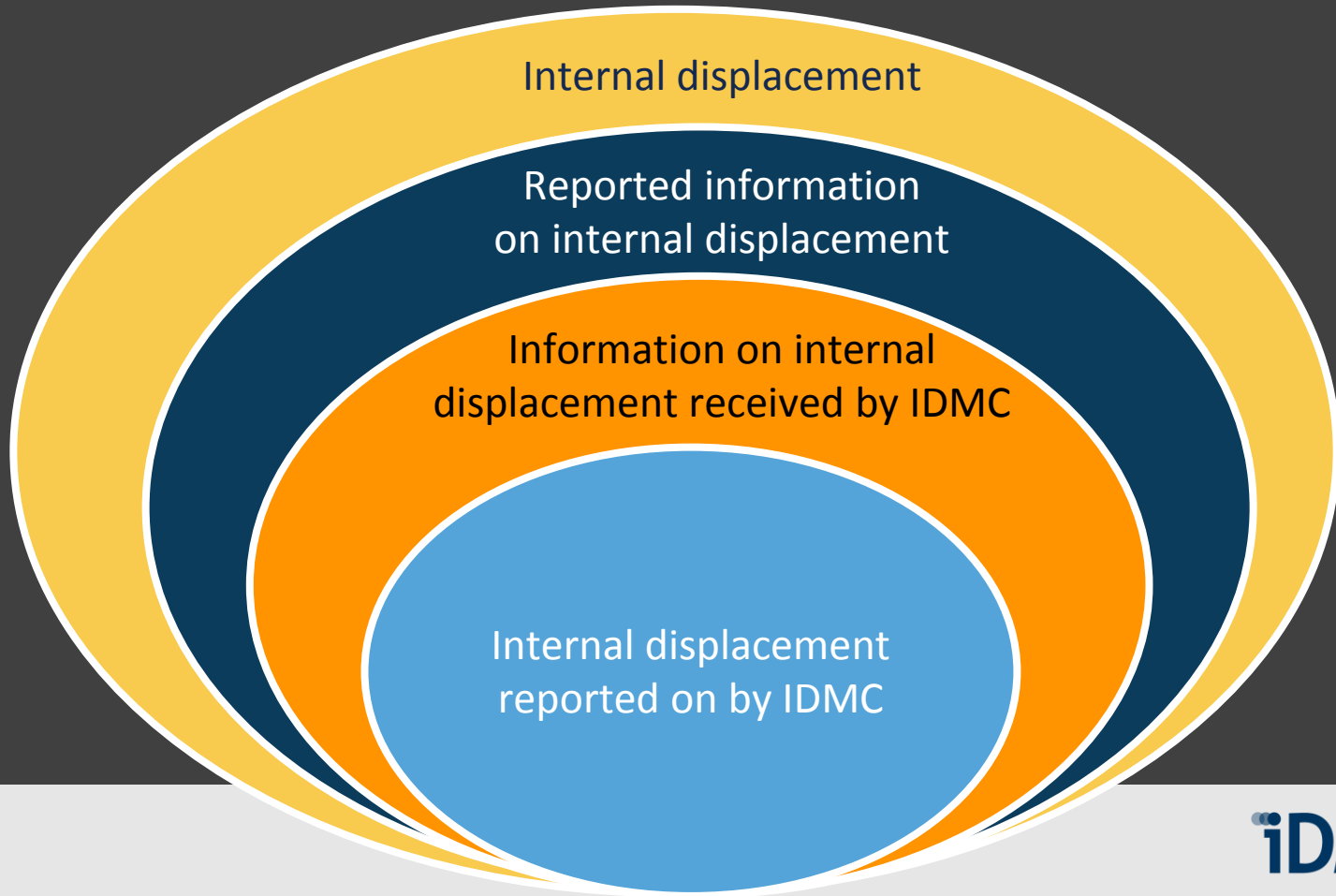


# Identifying and overcoming gaps and challenges in global displacement data

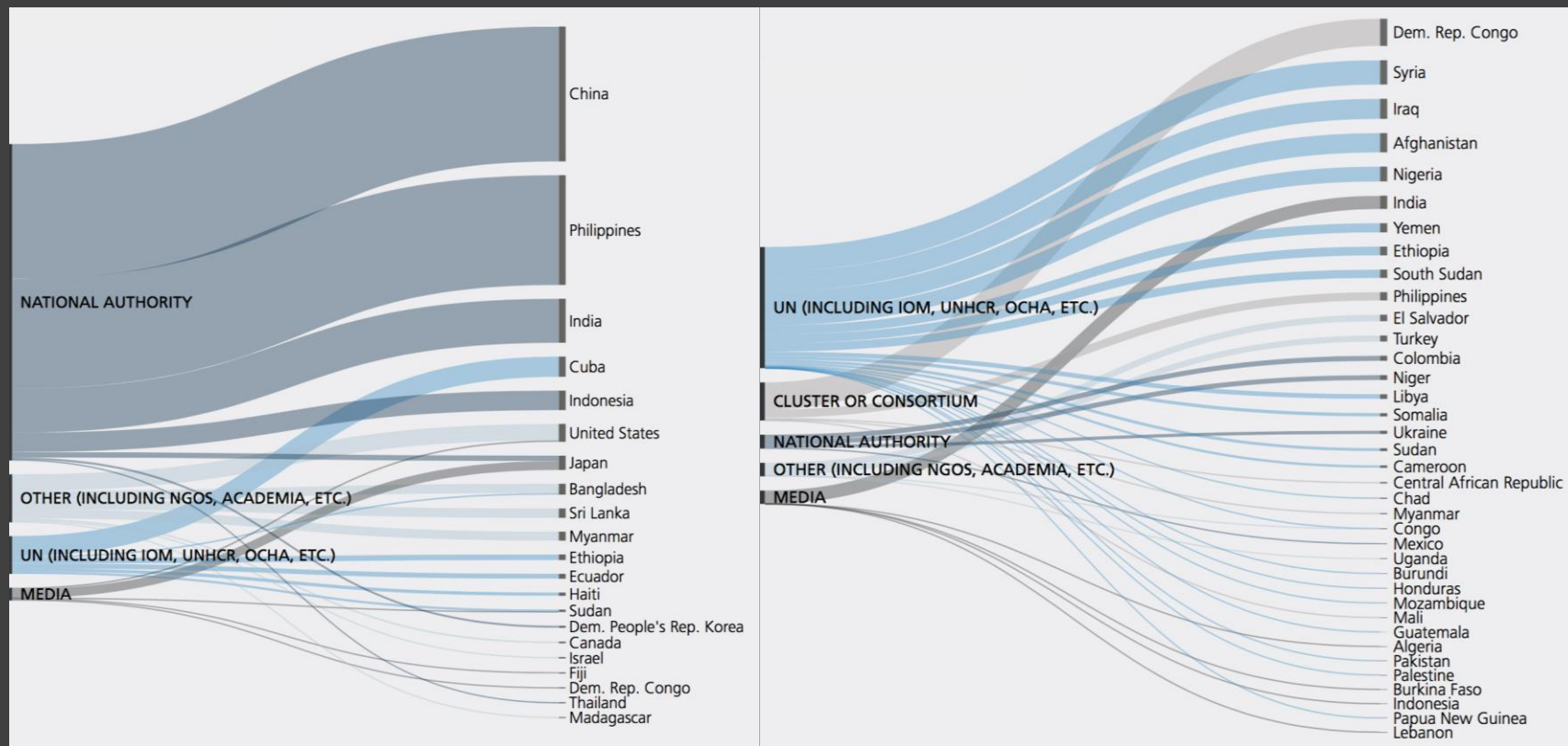
# Key gaps and challenges

1. Capturing all displacement phenomena and events
2. Producing global figures from multiple data sources
3. Accounting for all relevant stocks and flows
4. Estimating the duration of displacement
5. Assessing the geospatial dimensions of displacement
6. Measuring the severity of displacement

# 1. Capturing all displacement phenomena and events



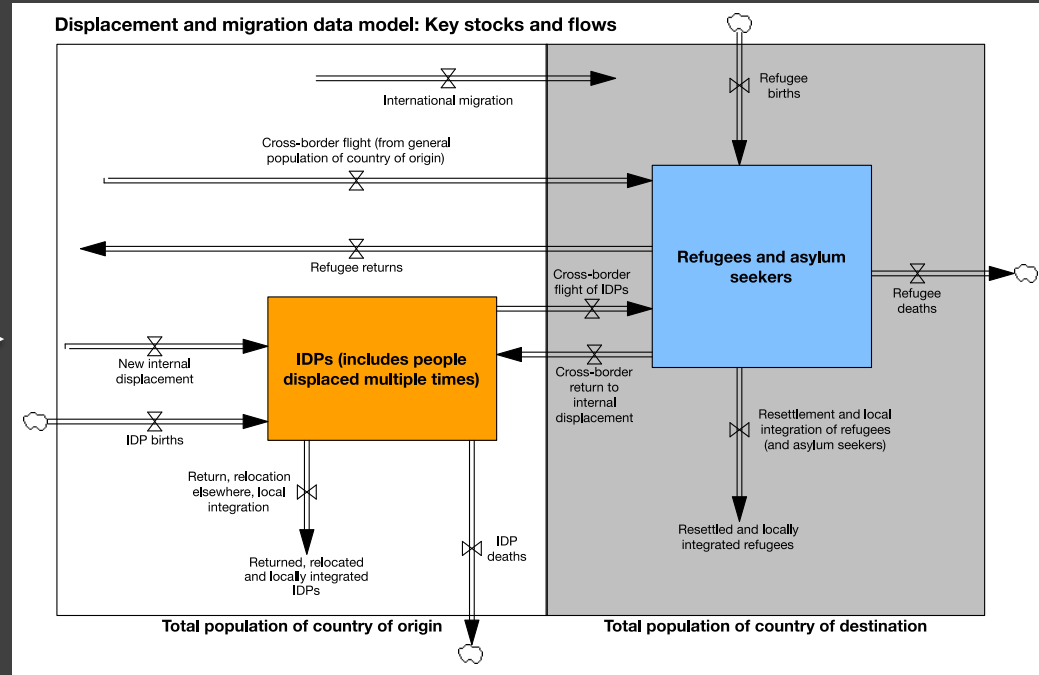
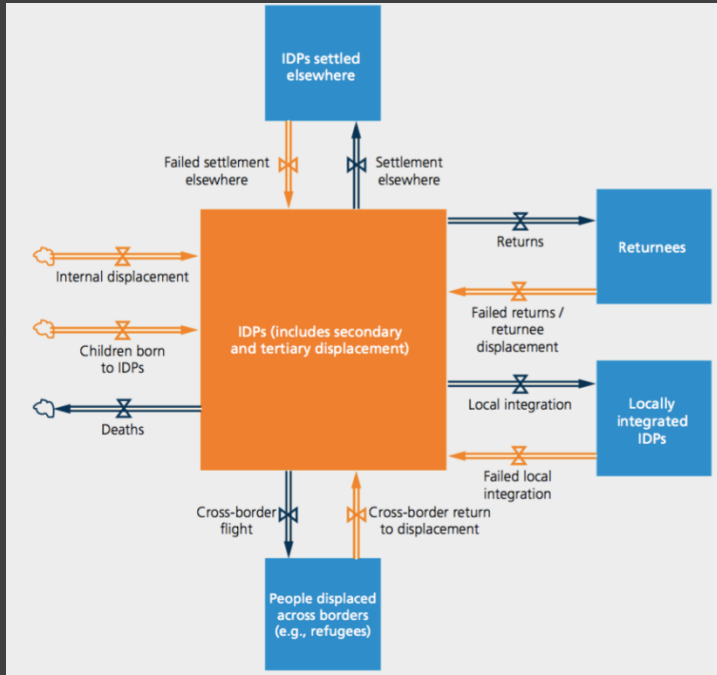
## 2. Producing global figures from multiple data sources



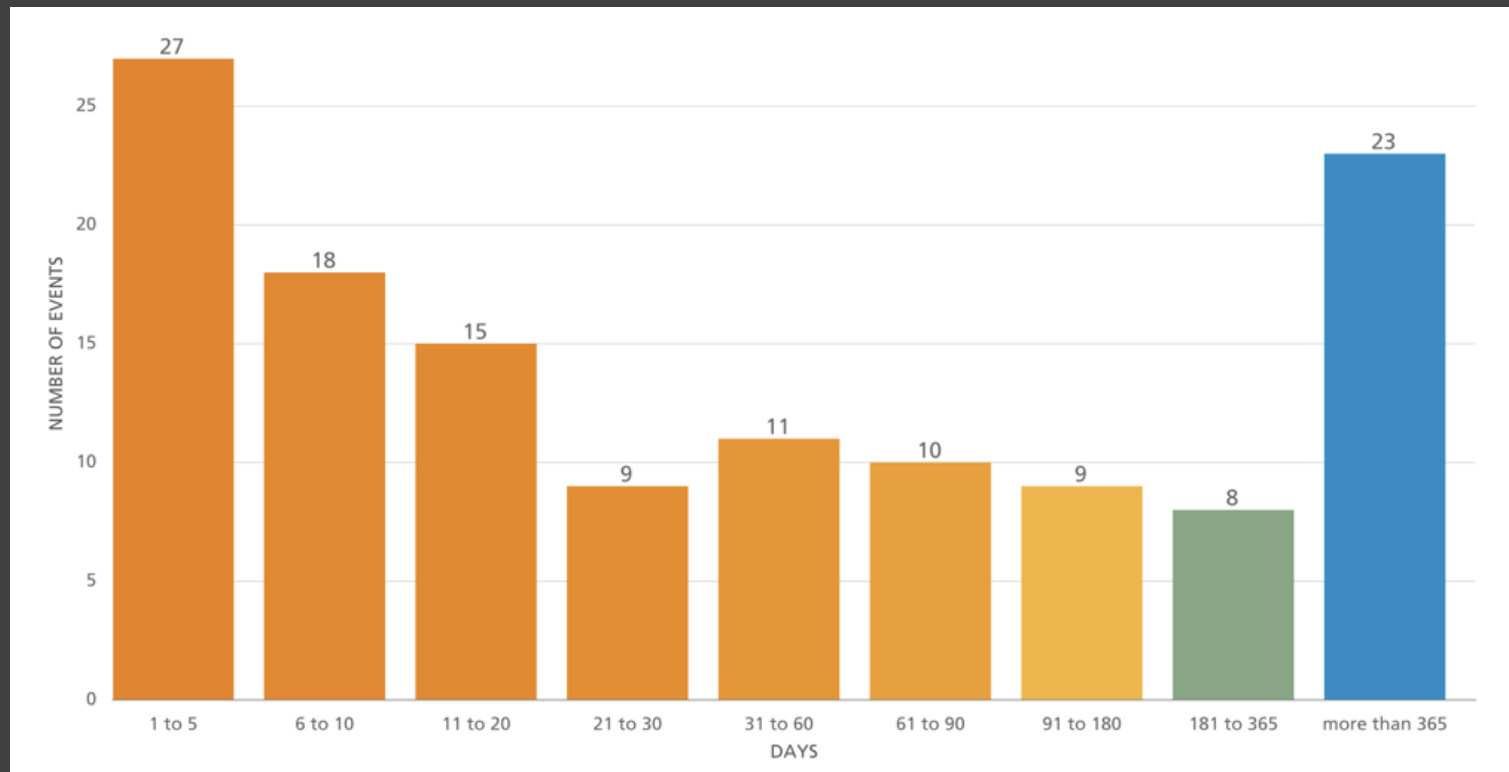
Disaster-related displacement

Conflict-related displacement

# 3. Accounting for all relevant stocks and flows



## 4. Estimating the duration of displacement

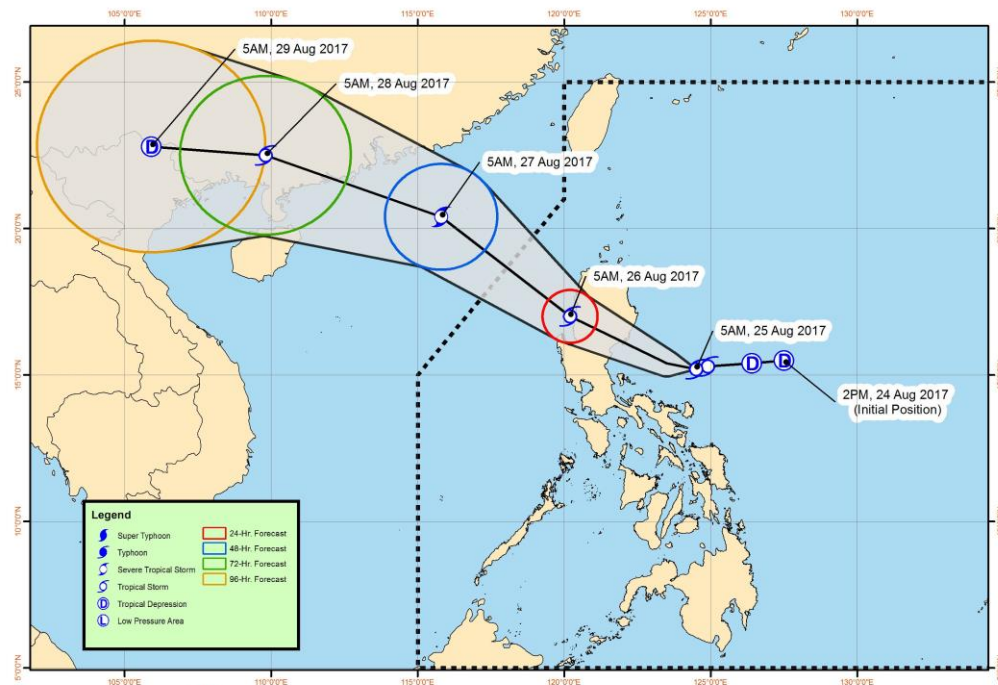


# 5. Assessing the geospatial dimensions of displacement

## 2. Displaced Families / Persons

- a. There were **692 families** or **2,569 persons** who stayed inside **66 evacuation centers** in **Regions I, II, III, and CAR**. All of these families have already returned to their respective homes (see Table 2).

### Track of Tropical Storm "JOLINA" (PAKHAR)

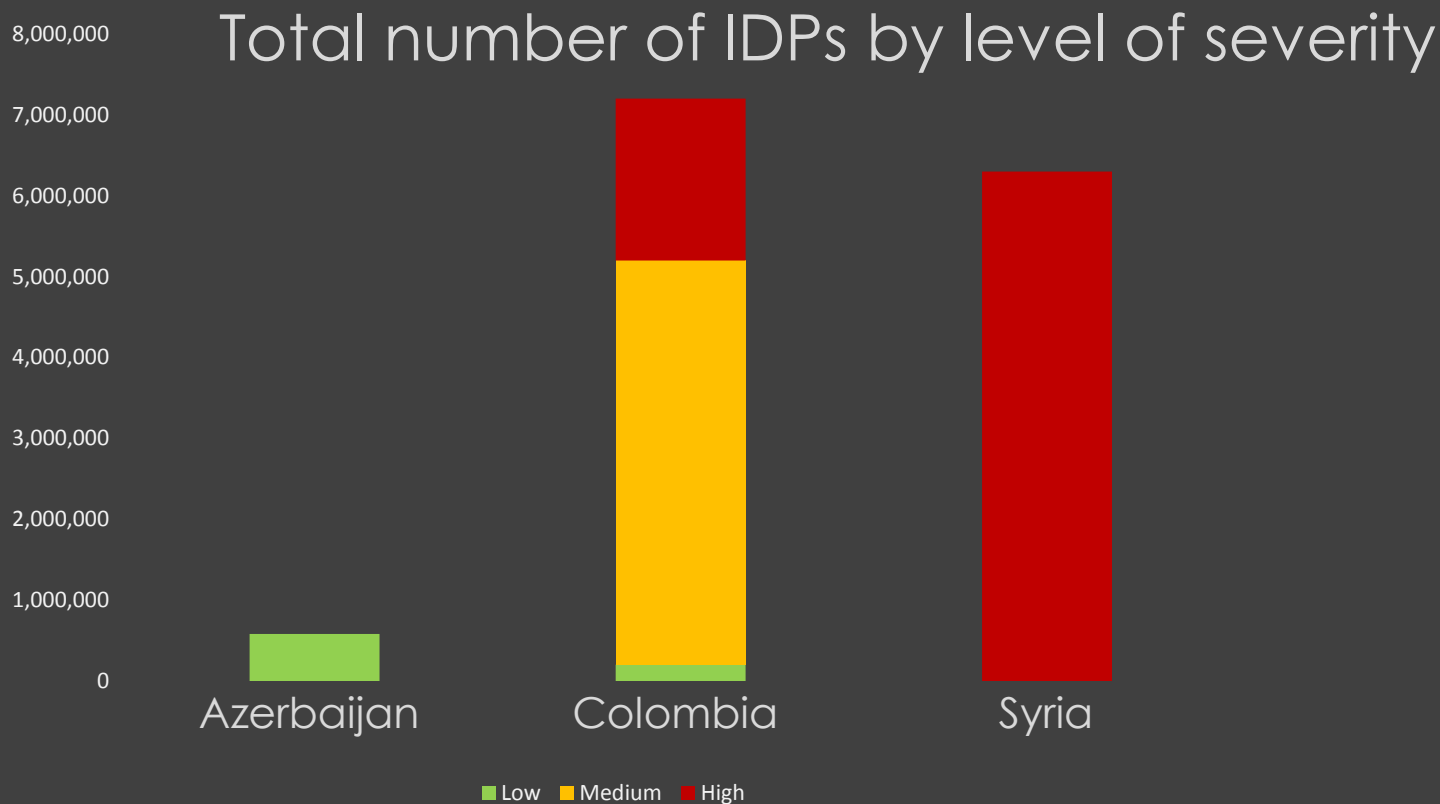


Philippine Atmospheric Geophysical and Astronomical Services Administration

Table 2. Displaced Families / Persons Inside Evacuation Centers

REGION / PROVINCE / MUNICIPALITY	NUMBER OF EVACUATION CENTERS (ECs)		NUMBER OF SERVED INSIDE ECs			
	CUM	NOW	Families		Persons	
			CUM	NOW	CUM	NOW
<b>GRAND TOTAL</b>	<b>66</b>	<b>-</b>	<b>692</b>	<b>-</b>	<b>2,569</b>	<b>-</b>
<b>REGION I</b>	<b>6</b>	<b>-</b>	<b>45</b>	<b>-</b>	<b>140</b>	<b>-</b>
<b>Ilocos Sur</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>15</b>	<b>-</b>
<i>Lidlidda</i>	1	-	3	-	15	-
<b>La Union</b>	<b>5</b>	<b>-</b>	<b>42</b>	<b>-</b>	<b>125</b>	<b>-</b>
<i>Aringay</i>	1	-	26	-	79	-
<i>Caba</i>	1	-	2	-	7	-
<b>CITY OF SAN FERNANDO (Capital)</b>	<b>3</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>39</b>	<b>-</b>
<b>REGION II</b>	<b>20</b>	<b>-</b>	<b>228</b>	<b>-</b>	<b>903</b>	<b>-</b>
<b>Cagayan</b>	<b>1</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>64</b>	<b>-</b>
<i>Aparri</i>	1	-	20	-	64	-
<b>Isabela</b>	<b>16</b>	<b>-</b>	<b>197</b>	<b>-</b>	<b>789</b>	<b>-</b>
<i>PSWDO</i>						
<i>Burgos</i>	1	-	1	-	9	-
<i>Dinapigue</i>	4	-	114	-	437	-
<i>Divilacan</i>	1	-	3	-	22	-
<i>Maconacon</i>	6	-	32	-	97	-
<i>Palanan</i>	1	-	38	-	200	-
<i>Reina Mercedes</i>	1	-	1	-	8	-
<i>Roxas</i>	1	-	7	-	14	-
<i>San Agustin</i>	1	-	1	-	2	-
<b>Nueva Vizcaya</b>	<b>1</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>20</b>	<b>-</b>
<i>Solano</i>	1	-	6	-	20	-
<b>Quirino</b>	<b>2</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>30</b>	<b>-</b>
<i>Cabarroguis (capital)</i>	1	-	2	-	10	-

## 6. Measuring the severity of displacement



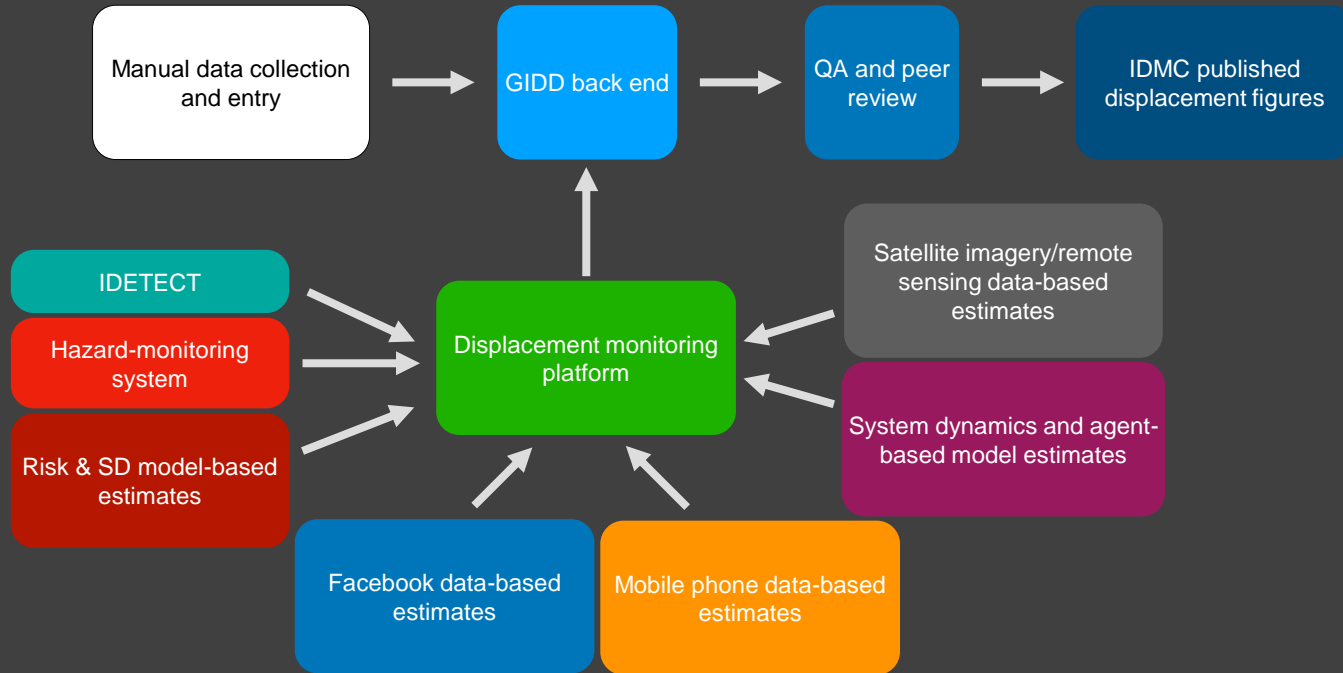


# ADDRESSING THE GAPS AND CHALLENGES

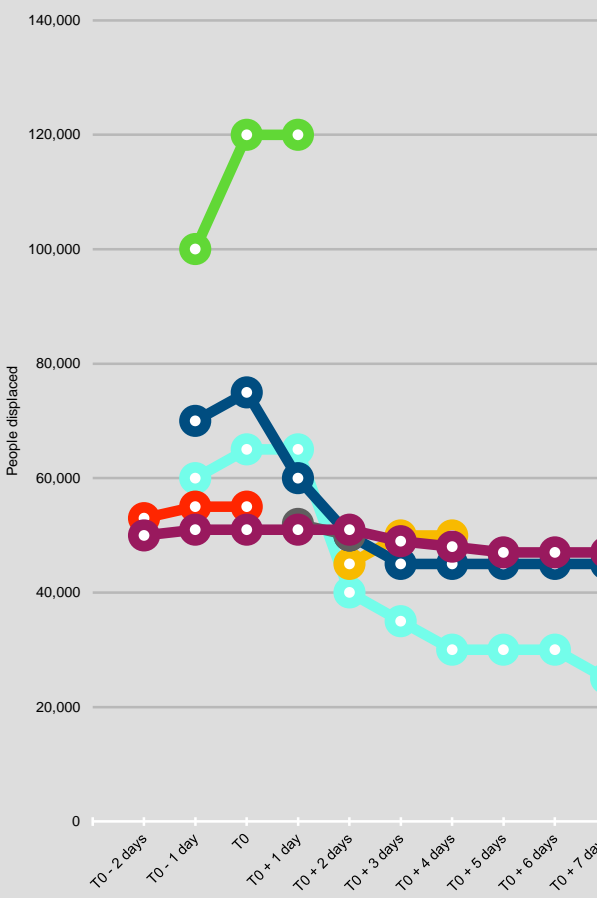
# Key ongoing activities

- EGRIS
- Displacement data collection guidance and capacity building
- Development of new tools and analytical approaches to fill gaps

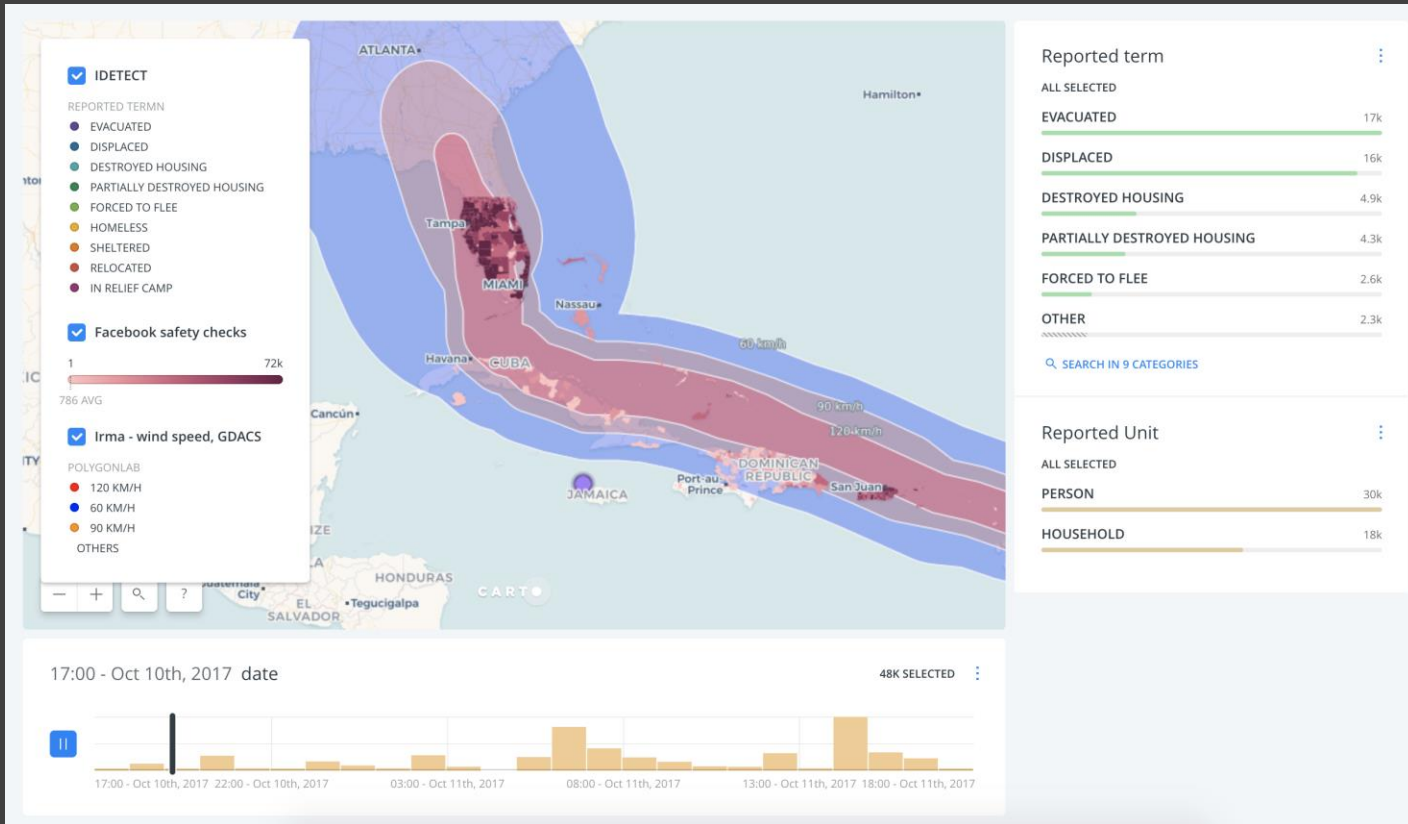
# Using new tools and analytical approaches



# Different data types and their limitations



	Evacuation shelter data	News reports (evacuations)	News reports (displacement and homes destroyed)	Risk model estimates	Facebook/mobile phone-based estimates	Satellite imagery based estimates	SD and agent-based model estimates
T0 - 2 days				53,000			50,000
T0 - 1 day	60,000	100,000		55,000	70,000		51,000
T0	65,000	120,000		55,000	75,000		51,000
T0 + 1 day	65,000	120,000			60,000	52,000	51,000
T0 + 2 days	40,000		45,000		50,000	50,000	51,000
T0 + 3 days	35,000		50,000		45,000		49,000
T0 + 4 days	30,000		50,000		45,000		48,000
T0 + 5 days	30,000	45,000			45,000		47,000
T0 + 6 days	30,000	45,000			45,000		47,000
T0 + 7 days	25,000	45,000			45,000		47,000
T0 + 8 days	25,000	45,000			45,000		46,000
T0 + 9 days	25,000	45,000			45,000		46,000
T0 + 10 days	25,000	45,000			45,000		46,000
T0 + 11 days	25,000	45,000			45,000		46,000
T0 + 12 days	25,000	45,000			45,000		46,000
T0 + 13 days	25,000	45,000			45,000		46,000
T0 + 14 days	25,000	45,000			45,000		46,000
T0 + 15 days	25,000	45,000			45,000		46,000
T0 + 16 days	25,000	45,000			45,000		46,000
T0 + 17 days	25,000	45,000			45,000		46,000
T0 + 18 days	25,000	45,000			45,000		46,000
T0 + 19 days	25,000	45,000			45,000		46,000
T0 + 20 days	25,000	45,000			45,000		46,000
T0 + 21 days	25,000	45,000			45,000		46,000
T0 + 22 days	25,000	45,000			45,000		46,000
T0 + 23 days	25,000	45,000			45,000		46,000
T0 + 24 days	25,000	45,000			45,000		46,000
T0 + 25 days	25,000	45,000			45,000		46,000



<https://goo.gl/1v5Nh6>

THANK YOU  
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