Each Friday from July 12 - August 2, 2019

# The 4Ws of Education in Emergencies Data: Who has What Data? Where Can I Find it? And Why is this so Complicated?









### Webinar Housekeeping



Mute your microphone and turn off your video to minimize background noise.



Post questions in the chat area at any time. We'll respond to as many as possible.



This session is being recorded.



The recording and presentations will be shared on the INEE website – <a href="https://www.inee.org">www.inee.org</a>.









### Navigating Population Movement and Conflict Data for EiE

Elizabeth Buckner, PhD

Assistant Professor, OISE, University of Toronto

Sean Cremin

Research Analyst, G3E Research & Evaluation, FHI 360









### Agenda

- What is MEERS?
- What is Contextual Data in EiE?
- What is Population Movement & Forced Displacement Data in an EiE context?
- Who has Population Movement & Forced Displacement Data and Where can I find it?
- What can Population Movement & Forced Displacement Data be used for in EiE?
- What is Conflict Data in an EiE context?
- Who has Conflict Data and Where can I find it?
- What can Conflict Data be used for in EiE?
- Discussion / Q&A









### What is MEERS?









### Middle East Education Research, Training and Support (MEERS)

- 4-year project funded by USAID's Middle East Bureau and implemented by Social Impact and FHI 360
- Objective: support continuous data collection, research, training, and analysis related to learners, teachers, education systems, and education outcomes in the Middle East.
- TASK 1: Continuous data collection on education in the crisis contexts of Iraq, Syria and Yemen and associated refugee contexts











YEMEN

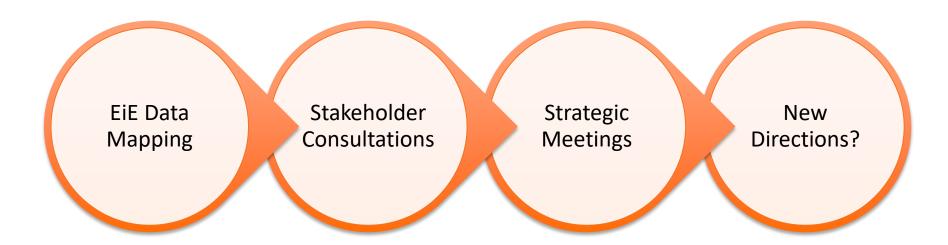








### **MEERS TASK 1 Methodology**



What EiE data is publicly available for the Iraq, Syria and Yemen crises?

What data do EiE stakeholders collect, need and use? What are the gaps?

Who is doing what to address EiE data issues and challenges?

What can be done
to support
improved
accessibility, quality
and navigability of
EiE data?









### What is Contextual Data in EiE?









### **Sources of Publicly Available EiE Data**

Data Source	Frequency	Who Collects it?								
Humanitarian Education Response Data (available in humanitarian crisis/emergency)										
Humanitarian Response Plans and Humanitarian Needs Overviews/Needs Assessments	~Annual	UN, Clusters, partners								
Humanitarian dashboards	~Monthly	UN, Clusters, partners								
3/4/5W reports	~Monthly	UN, Clusters, partners								
Financial Tracking Service	~Monthly	UNOCHA								
Educational Development Data (mostly available before/after emergency)										
UIS, EPDC, World Bank EdStats, WIDE	~Annual	UN, Governments, others								
EMIS	Annual	Governments								
International learning assessments (i.e. TIMSS, PIRLS, EGRA)	~3-5 years	IEA, OECD, USAID								
HDI, ILO	~Annual	UN, partners								
Contextual Data (security, population movement, etc.)										
UNHCR PopStats, IDMC, UCDP	~Annual	UN, partners								
IOM DTM, ACLED	~Monthly	UN, partners								
GCPEA	~Monthly	Multiple sources								









## What is Population Movement & Forced Displacement Data in an EiE Context?









### Population Movement & Forced Displacement Data Overview

#### What is it?

- Data that tracks the migration and location of people
- Key EiE-related indicators:
  - # of refugees, # of returnees, # of IDPs
  - Occasionally contain information on IDP/refugee needs and available resources

### • Why is population movement data relevant to EiE?

- To understand where people are (i.e. high influx areas, hard-to-reach areas)
- To identify educational needs of populations
- To allocate or advocate for more educational resources in specific locations
- To inform a program where rapid education response may be needed









## Who has Population Movement & Forced Displacement Data and Where can I find it?









### Population Movement & Forced Displacement Data - Who has it and Where can I find it?

Source & Link	Source Description	Scale & Frequency
UNHCR -Population Statistics Reference Database (PopStats)	<b>UNHCR PopStats</b> is an <u>online database</u> that contains demographic information on "populations of concern"	<ul><li>National-level</li><li>1951-2018 (~annual)</li></ul>
http://popstats.unhcr.org/en/overview -Global Focus	<b>UNHCR Global Focus</b> is an <u>online reporting portal</u> for donors and partners that provides overviews of refugee responses	<ul><li>National-level</li><li>2016-2018 (~annual)</li></ul>
http://reporting.unhcr.org/ -Operational Data Portal https://data2.unhcr.org/en/situations	UNHCR Operational Data Portal is an online data portal that contains information on refugee response situations	<ul><li>National/subnational level</li><li>Context-specific (~monthly)</li></ul>
Internal Displacement Monitoring Centre (IDMC) http://www.internal-displacement.org/	IDMC monitors internal displacement and houses an <u>online</u> database called the Global Internal Displacement Database (GIDD) that contains various data tools and analysis on IDPs	<ul><li>National-level</li><li>2008-2018 (~annual)</li></ul>
International Organization for Migration (IOM) Displacement Tracking Matrix (DTM) <a href="https://www.globaldtm.info/">https://www.globaldtm.info/</a>	IOM DTM tracks population mobility and internal displacement, and houses an <u>online database of country-specific reports and datasets</u>	<ul> <li>National and subnational levels</li> <li>Dates are country- dependent (~quarterly)</li> </ul>
Other Humanitarian Clusters: -Camp Coordination and Camp Management (CCCM) -Protection/Shelter/NFI Clusters	The CCCM cluster coordinates and manages support for displaced populations in communal settings (i.e. camps, informal settlements, collective centers)	<ul> <li>National and subnational levels</li> <li>Dashboards (~monthly)</li> </ul>

### **Data Source Overview: UNHCR**

#### Source: UNHCR Population Statistics (PopStats)

http://popstats.unhcr.org/en/overview

- A browser for viewing and downloading data on "populations of concern" and different aspects of these populations, including their location or status.
- Pros: Broad, wide-ranging dataset; comparable by country; can produce time series datasets; can be exported into .csv format
- Cons: Provides a high-level picture at national or provincial level; only one visualization on home page; disaggregations by sex and age group only available under "Demographics" tab

#### Illustrative Indicators + Data Types

✓ **Populations of concern:** # of refugees, # of IDPs, # of returned refugees/IDPs, # of asylum seekers by status determination

#### Source: UNHCR Global Focus http://reporting.unhcr.org/

- UNHCR's main operational reporting portal for donors and key partners that provides an overview of populations of concern and funding information
- Pros: Provides global snapshot of UNHCR activities; organized by refugee response situation; shows progress toward targets for key education indicators; provides visualizations
- Cons: Limited indicators; no downloadable data; no subnational data

#### Illustrative Indicators + Data Types

- ✓ **Populations of concern:** # of people of concern by status/type
- ✓ **Funding:** contributions/ expenditure by region, situation
- ✓ **Global Performance Indicators - Education:** # of children enrolled in primary education

#### Source: UNHCR Operational Data Portal

https://data2.unhcr.org/en/situations

 For more information on this source, please refer to the previous webinar on Navigating Humanitarian Operations Education Data for EiE









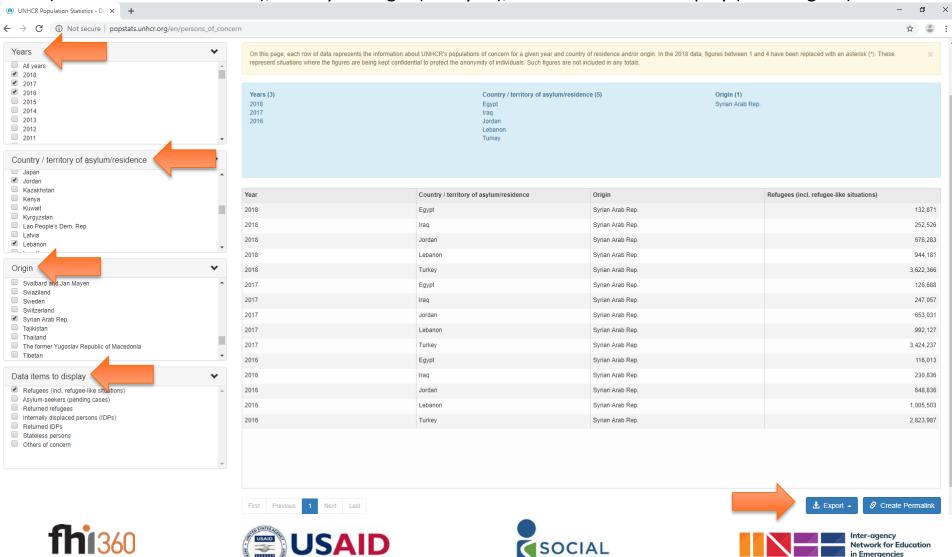
### **Navigating UNHCR PopStats**

**Activity 1:** Use <u>UNHCR PopStats</u> to identify how many Syrian refugees were in Egypt, Iraq, Jordan, Lebanon, and Turkey from 2016-2018.

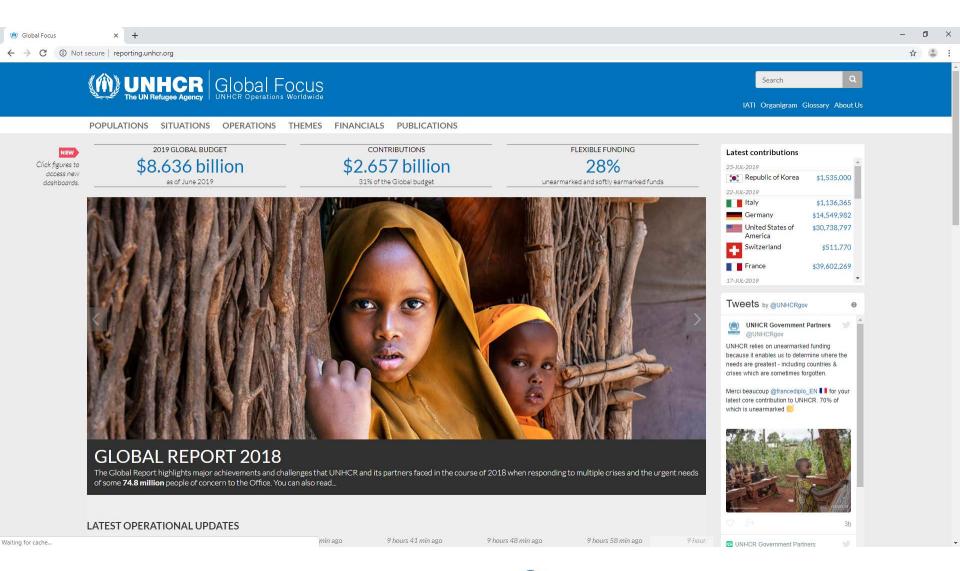


### **Navigating Humanitarian Education Data**

**Activity 1:** Use the filters on the left to select relevant years (i.e. 2016-2018), countries of residence (i.e. Jordan and Lebanon), county of origin (i.e. Syria), and data items to display (i.e. refugees).



### **Navigating UNHCR Global Focus**



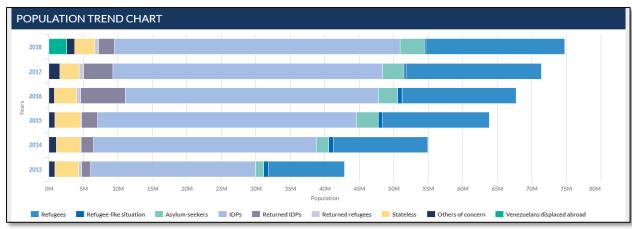






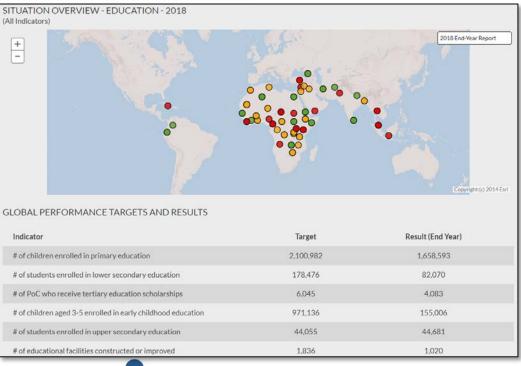


### **Navigating UNHCR Global Focus**



<u>UNHCR Global Focus -</u> <u>Populations</u>

<u>UNHCR Global Focus -</u> Themes (Education)











### Data Source Overview: Internal Displacement Monitoring Centre (IDMC)

- Source: IDMC http://www.internal-displacement.org/
  - The main source of data and analysis on global internal displacement
  - Provide verified, multi-sourced estimates of the number of people internally displaced or at risk of becoming internally displaced

Illustrative Indicators + Data Types

✓ **IDP populations:** total # of IDPs, # of new displacements due to conflict, # of new displacements due to natural disaster

- Tools & Resources:
  - Global Internal Displacement Database (GIDD): Interactive platform in which users can explore data and create their
    own visuals or download datasets that contains numbers of IDPs by country, and number of new IDPs caused by
    conflict or disaster.
  - <u>Displacement Data Exploration Tool</u>: A tool that allows users to generate custom visuals using IDMC, UNHCR, and World Bank data to explore displacement over time and in relation to other phenomena.
  - <u>Country Profiles</u>: Overviews of key figures and analysis of internal displacement by country; includes snapshots of key estimates, overviews of causes and patterns of displacement, and priority needs.
  - <u>Global Report on Internal Displacement (GRID)</u>: Annual report that synthesizes the most recent statistics of internal displacements caused by conflict and disasters.
  - Pros: Easily downloadable datasets in Excel format; comparable across countries; provide visualizations;
     provide tools to create custom visuals; complement data with research into drivers, patterns, and impacts of internal displacement
  - Cons: Lacks granular data; no disaggregations by gender or age; visualization tools may be difficult for non-specialist users



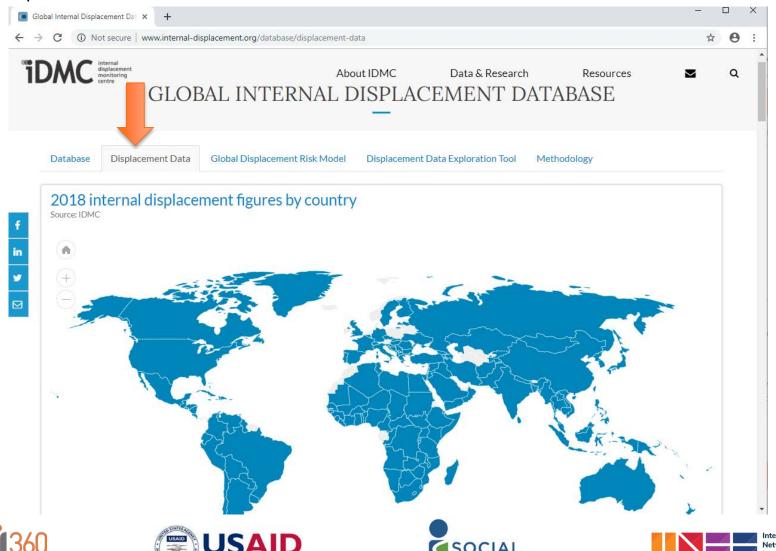






### Navigating IDMC's Global Internal Displacement Database

**Activity 2:** Use <u>IDMC's GIDD</u> to identify how many IDPs were in Iraq in 2018 and to find how many new displacements occurred due to conflict and disaster.



### Navigating IDMC's Global Internal Displacement Database

Activity 2: After navigating to the Displacement Data tab, select download full dataset.

	Country						umbe ecembe			Confli	ct and	l violence)		olacements 31 December 2	•	ict and vic	olence)		splacements (D v - 31 December 2018)	
1	Ethiopia				2,137,000							2,895,000				296,000				
2	Congo, [	Dem. F	Rep.		3	3,081	,000						1,840,000			81,000				
3	Syrian A	rab R	epubl	ic	6	,119	,000						1,649,000			27,000				
4	Somalia				2	2,648	,000						578,000			547,000				
5	Nigeria				2	2,216	,000						541,000					613,000		
6	Central	Africa	n Rep	oublic	ublic 641,000							510,000			9,300					
7	Camero	on			6	668,000							459,000							
8	Afghanis	stan			2,598,000							372,000				435,000				
9	South Su	ıdan			1,869,000							321,000			6,600					
10	Yemen, I	Rep.			2	2,324,000							252,000				18,000			
11	El Salvad	lor									246,000				4,700					
12	Philippines 301,000								188,000				3,802,000							
13	3 India 479,000								169,000					2,675,000						
14	lraq 1,962,000								150,000					69,000						
15	Colombia 5,761,000							145,00	)				67,00	0						
<b>«</b>	1 2	3	4	5	6	7	8	9	10	11	»									



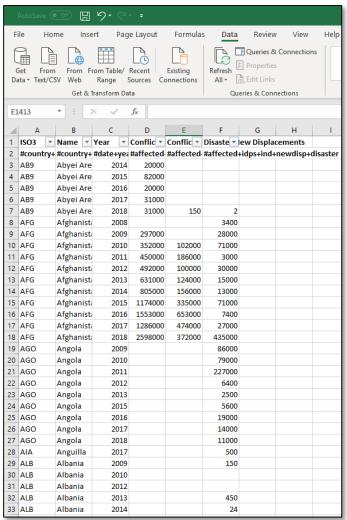


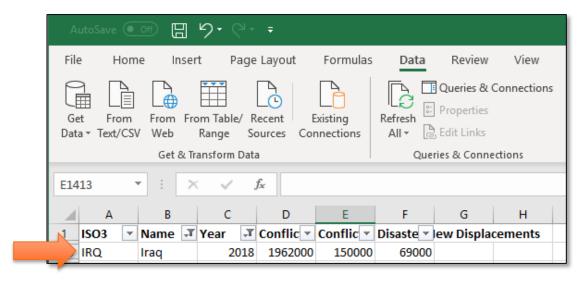




### Navigating IDMC's Global Internal Displacement Database

Activity 2: Filter by Country Name and Year to find how many IDPs were in Iraq in 2018.













### Data Source Overview: International Organization for Migration (IOM) Displacement Tracking Matrix (DTM)

- Source: IOM DTM https://www.globaldtm.info/
  - A system that tracks and monitors displacement and population mobility
  - Provides information on needs of displaced populations, movements, and available resources specific to emergency situations
  - Tools & Resources:
    - Displacement Data Portal (<a href="https://displacement.iom.int/">https://displacement.iom.int/</a>): Online platform that contains reports, datasets, and data visualizations to better understand internal displacement monitored through the DTM.
      - Baseline Assessments: contains data on population presence
      - Location Assessments: contains information on needs in a community
      - Site Assessments: contains information on needs in a particular site
    - Flow Monitoring Portal (https://migration.iom.int/): Online platform that contains DTM migration flow information products, including reports, datasets, and data visualizations of population flows.

#### Illustrative Indicators + Data Types

- ✓ **IDP populations:** # of IDPs and # of IDP families by location, shelter type, and length of displacement
- ✓ **Returnee populations:** # of returnees by location and shelter type
- ✓ Educational needs and resources\*: priority needs of IDPs, education availability by site (\*availability depends on context)

- Pros: Frequently updated; contains datasets used to create reports; provides global-level visualizations; contains information on individual IDPs and IDP households by location/site; occasionally provides information on education needs and resources; typically provide weekly/bi-weekly update reports
- Cons: Typically does not provide disaggregations by gender or age; data availability may be inconsistent









**Activity 3:** Use the <u>IOM DTM Displacement Data Portal</u> to identify which Yemen governorate has the highest number of IDPs according to the most recent DTM round.



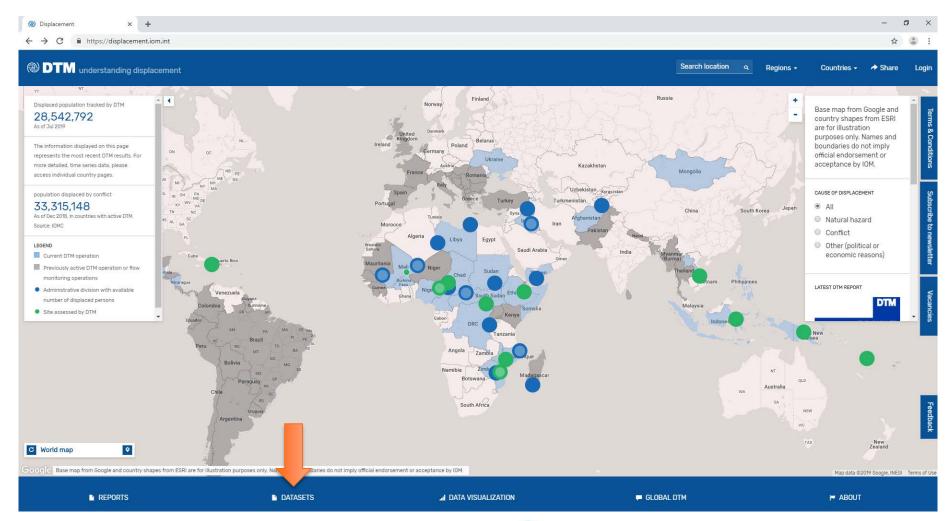








Activity 3: After navigating to the Displacement Data Portal, select the Datasets tab.



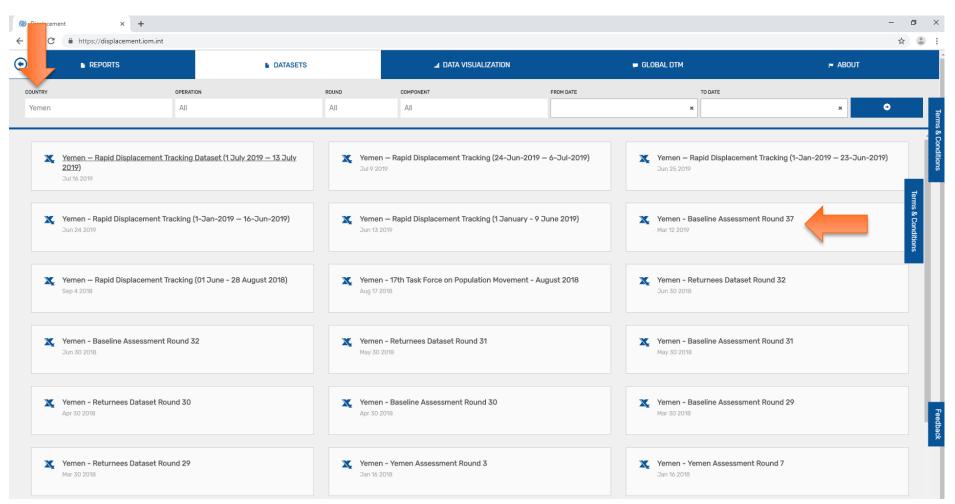








**Activity 3:** Filter by country and select Yemen, then find the most recent round of DTM data collection.











Activity 3: Find the governorate with the highest number of IDPs.

Assessed Governorate	Total IDP Households	Total IDP Individuals (6 per HH)
Abyan	4,854	29,124
Aden	9,933	59,598
Al Bayda	9,837	59,022
Al Dhale'e	5,551	33,306
Al Hudaydah	60,382	362,292
Al Jawf	25,015	150,090
Al Maharah	1,661	9,966
Al Mahwit	6,922	41,532
Amanat Al Asimah <sup>3</sup>	40,623	243,738
Amran	42,041	252,246
Dhamar	31,129	186,774
Hadramaut	3,381	20,286
Hajjah	62,470	374,820
lbb	36,019	216,114
Lahj	11,582	69,492
Marib	128,338	770,028
Raymah	9,409	56,454
Sa'ada	28,424	170,544
Sana'a	16,411	98,466
Shabwah	4,599	27,594
Socotra	669	4,014
Taizz	68,625	411,750
Total	607,875	3,647,250









### IOM's Global Migration Data Analysis Centre (GMDAC) Migration Data Portal

- Migration Data Portal: <a href="https://migrationdataportal.org/?i=stock\_abs\_&t=2017">https://migrationdataportal.org/?i=stock\_abs\_&t=2017</a>
- A platform that brings together comprehensive migration statistics from multiple sources including UNHCR, UN DESA, and IDMC.







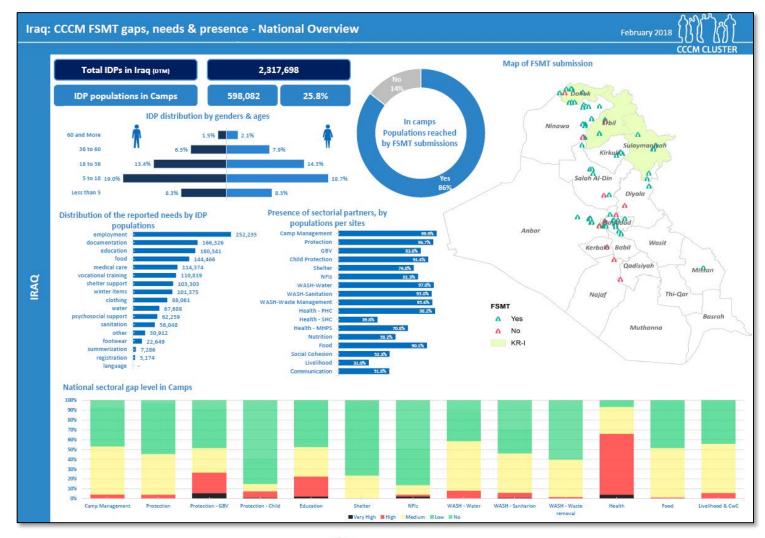




### Using population movement data from other clusters to inform education response

Example of a CCCM Cluster Dashboard from humanitarian response.info:

<u>Iraq CCCM</u>
<u>Dashboard,</u>
February 2018











## What can Population Movement & Forced Displacement Data be used for in EiE?





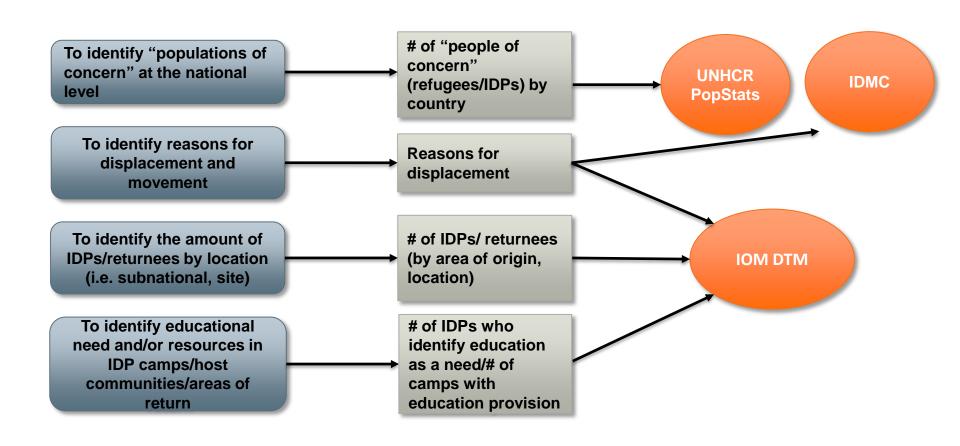




What can
Population
Movement Data
be used for in EiE?

**Key Indicators** 

Population Movement Data Sources



### What is Conflict Data in an EiE Context?









### **Conflict Data Overview**

#### What is it?

- Information on conflict, including conflict events, types, actors involved, locations, dates, fatalities, etc.
- Key EiE-related indicators:
  - # of conflict events, # of conflict-related fatalities, attacks on schools, attacks on students, attacks on education personnel

### • Why is conflict data relevant to EiE?

- To better understand the conflict context and how this may impact the education sector
- To understand conflict volatility and security situations in specific locations over time
- To identify areas at risk for attacks on education
- To advocate for more educational resources in specific locations









### Who has Conflict Data and Where can I find it?









### Conflict Data - Who has it and Where can I find it?

Source & Link	Source Description		Scale & Frequency
Uppsala Conflict Data Program (UCDP) https://ucdp.uu.se/	UCDP has an <u>online database</u> that contains information on war, civil unrest and organized violence	•	National-level 1946-2017 (~annual)
Armed Conflict Location and Event Project (ACLED) https://www.acleddata.com/	The ACLED Project collects, maps and analyzes data on conflict and has an <u>online database</u> that contains information on conflict events	•	National and subnational levels 1997-2019 (~monthly)
Global Coalition to Protect Education from Attack (GCPEA) http://www.protectingeducation.org/	GCPEA produces <u>policy and advocacy reports</u> on attacks and threats to education in conflict settings	•	Global or national-level reports  Education Under Attack report (~4 years) General reports (~monthly)
Context-Specific Sources: -Yemen Data Project -Syria Partner Network	These sources have context-specific information on conflict details	•	National and subnational levels Dates vary by source

### **Data Source Overview: ACLED**

- Source: ACLED <a href="https://www.acleddata.com/">https://www.acleddata.com/</a>
  - A disaggregated conflict collection, analysis, and crisis mapping project
  - Provides information on types of violence, actors involved, dates, locations, and fatalities, as well as analysis on conflict patterns and impact

#### Illustrative Indicators + Data Types

✓ **Conflict events:** # of conflict events, locations, dates, actors involved, # of fatalities

- Tools & Resources:
  - Data Export Tool (https://www.acleddata.com/data/): Tool that allows users to customize downloadable data in .csv format.
  - Curated Data Files (<a href="https://www.acleddata.com/curated-data-files/">https://www.acleddata.com/curated-data-files/</a>): Downloadable datasets curated by region (Middle East, Africa, Asia, Europe) or by country-year.
  - Data Dashboard (https://www.acleddata.com/dashboard/): Interactive data visualization that contains crisis profiles, key figures, and visuals including a map of conflict events by location and a graph of conflict events and fatalities over time.
- Pros: Wide-ranging, broad conflict dataset; provides subnational data; comparable across regions and countries; provide visualizations; complement data with research into drivers, patterns, and impacts of conflict
- Cons: Data may be difficult to analyze for non-specialists; data may not be useful for rapid response;
   Middle East data only available from 2015 to present; difficult to identify school-related conflict events



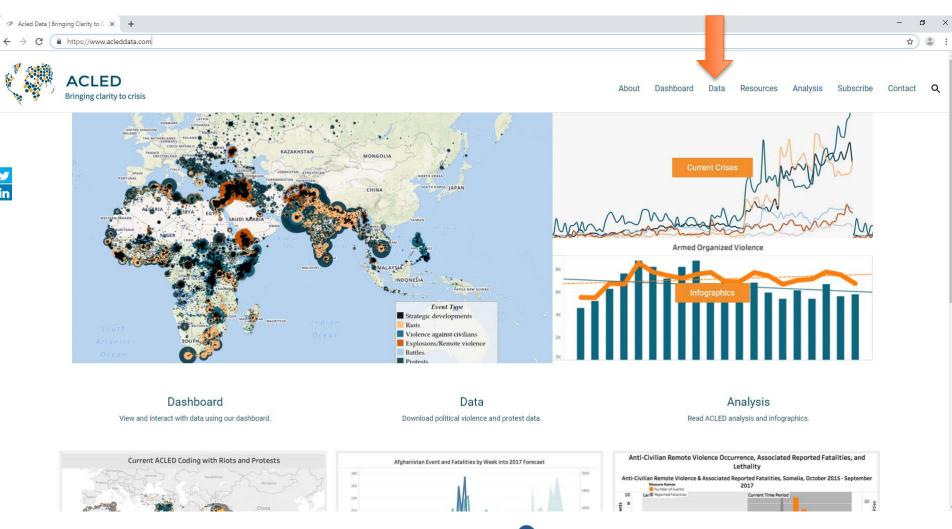






# **Navigating ACLED's Database**

Activity 4: Use ACLED to download conflict data for Syria, Iraq and Yemen.





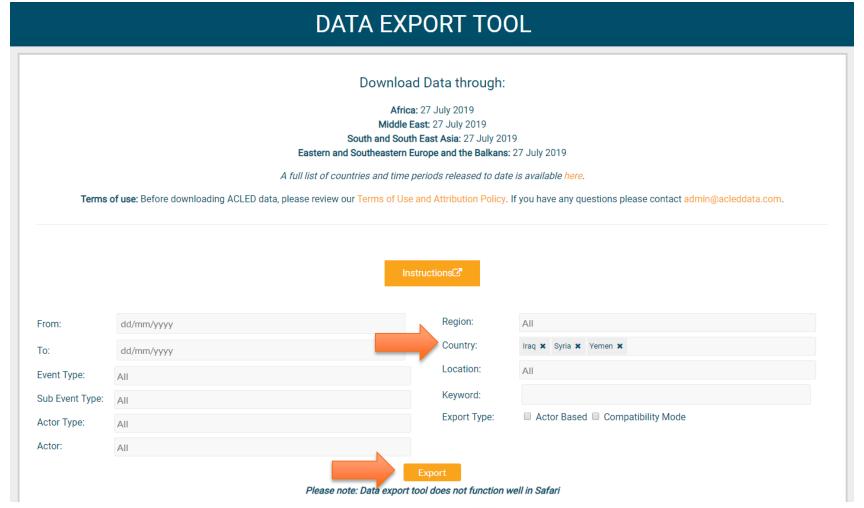






## **Navigating ACLED's Database**

**Activity 4:** After navigating to the Data tab, use the Data Export Tool to filter relevant countries and export the dataset..







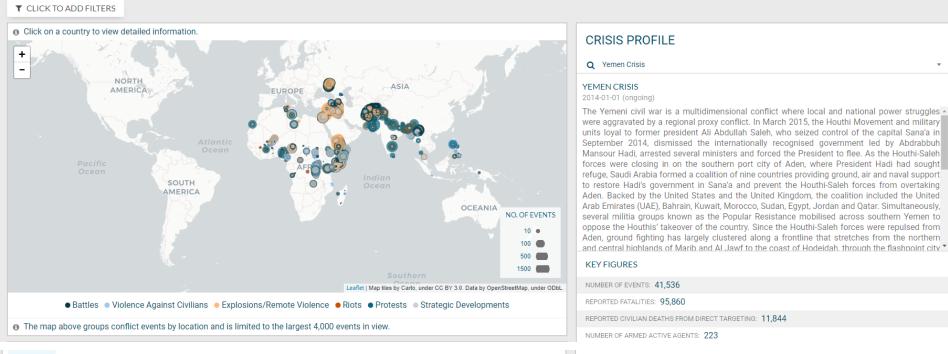


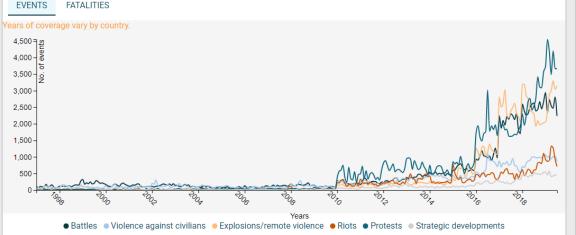


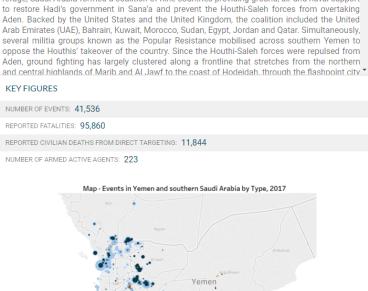
## **ACLED's Data Dashboard - Yemen Example**

https://www.acleddata.com/dashboard/

#### **DASHBOARD**







#### **Data Source Overview: GCPEA**

- Source: GCPEA <a href="http://www.protectingeducation.org/">http://www.protectingeducation.org/</a>
  - An organization that provides resources that highlight the incidence and impact of attacks on education in conflict and insecurity
  - Resources include country-specific reports and briefing papers on the impact of attacks on education, advocacy documents, and Safe Schools Declaration endorsement materials
  - Education Under Attack reports (2007, 2010, 2014, 2018)
    - GCPEA's flagship report that explores the impact of attacks on education in multiple countries and includes information on attacks on schools, attacks on students and education personnel, military use of educational facilities, child recruitment at school, sexual violence at school, and attacks on higher education.

#### Illustrative Indicators + Data Types

✓ Attacks on education: # attacks on schools, # of attacks on students # of attacks on education personnel

- Pros: Key source of information on attacks on education; resource library that includes numerous reports and documents; country-specific profiles included as part of Education Under Attack 2018
- Cons: Report is published every 4 years (however, this may change to every 2 years); typically does not
  include information on more developed countries; challenges with monitoring attacks on education



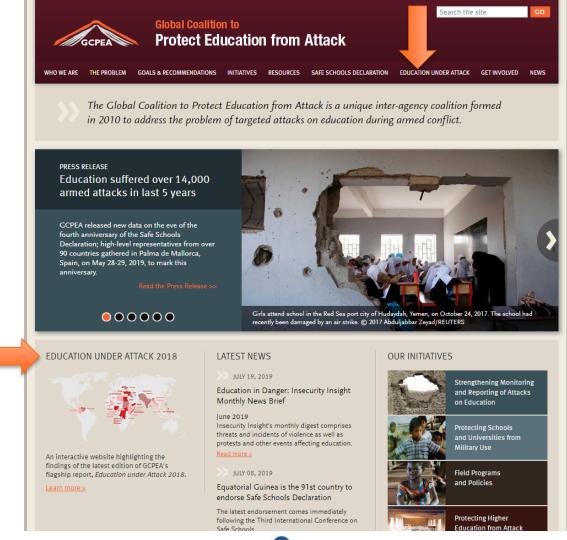






Activity 5: Navigate to the Education Under Attack 2018 Syria country profile on the GCPEA

website.



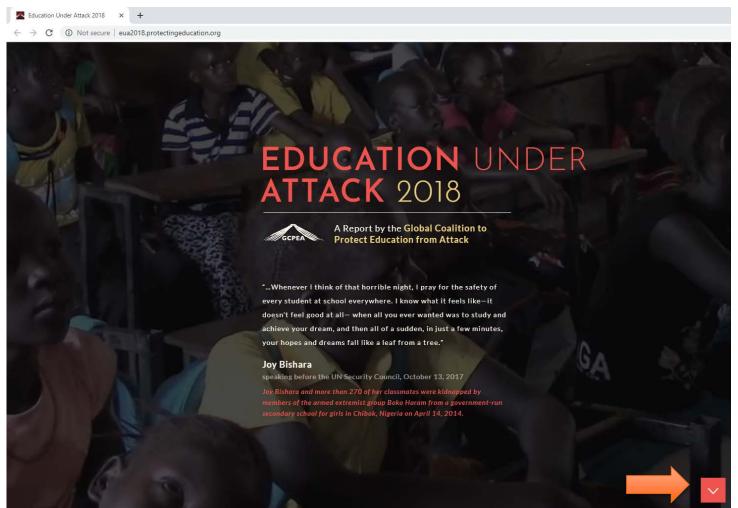








**Activity 5:** After navigating to the *Education Under Attack 2018* report on the GCPEA home page, you will be taken to a virtual version of the report.



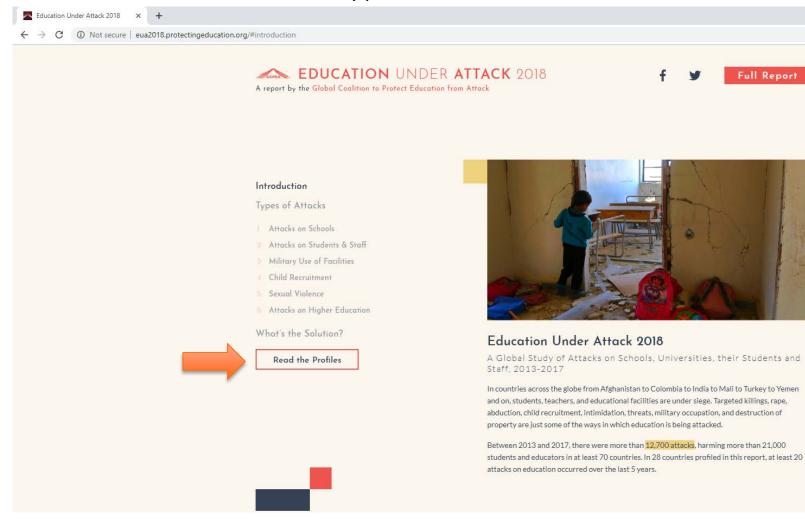








Activity 5: Click "Read the Profiles" to find country profiles.











Full Report

Activity 5: Select Syria to find the Education Under Attack 2018 Syria country profile.



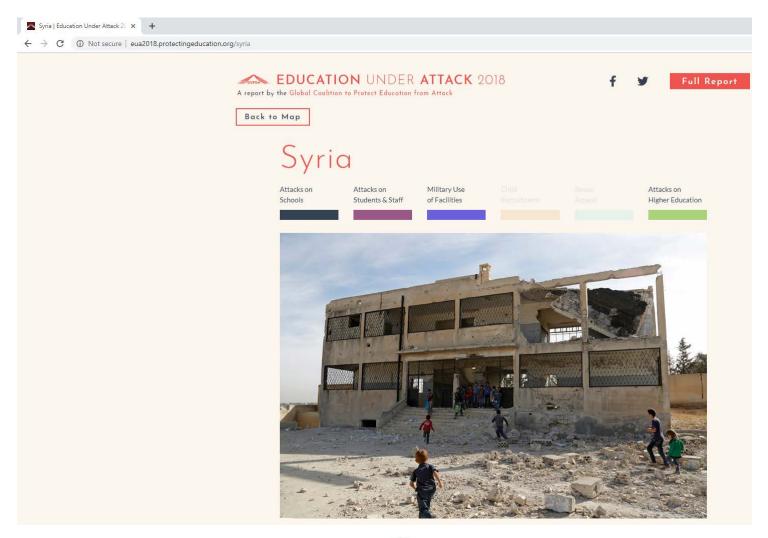








Activity 5: Syria country profile for 2018.









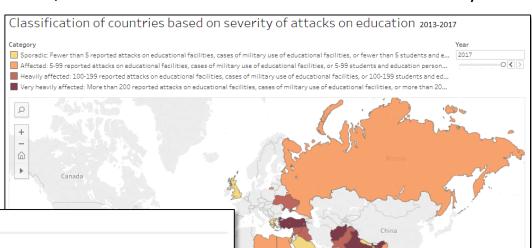


#### **Education and Conflict Monitor on HDX**

The <u>Education and Conflict Monitor</u> is an initiative of the <u>Education Above All Foundation</u> in collaboration with its partners including the <u>Global Coalition to Protect Education from Attack</u>, <u>Insecurity Insight</u>, and <u>Re-coded</u> to collect, share and visualize data on education insecurity.

Interactive data visualization showing severity of attacks on education by country

Metadata



Students and education staff harmed by attacks ... (7.3K)

Number of students and/or education personnel harmed in attacks on education by country, 2013 – 2017

... More

Incidents of Attacks on Education 2013-2017.csv (7.4K)

Number of incidents of attacks on education, by country, 2013-2017. Some values represent totals

... More

Severity of Attacks Against Education ... (9.3K)

Classification of countries based on either the number of attacks on education facilities, students

... More

Education Under Attack 2018 downloadable datasets



**Data and Resources** 





MORE

MORE

MORE



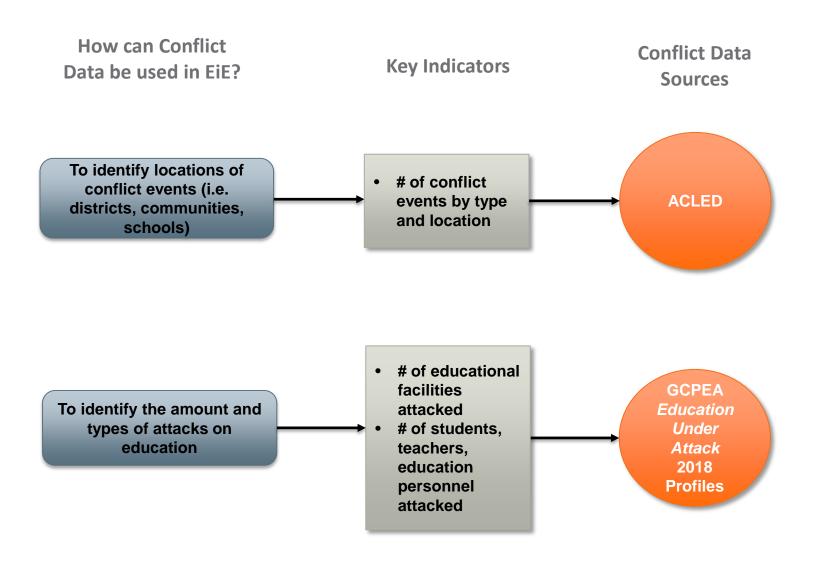
# What can Conflict Data be used for in EiE?











# Q&A

# For more information, contact:

Anne Smiley, Associate Director, FHI 360, <u>asmiley@fhi360.org</u>
Elizabeth Buckner, Assistant Professor, OISE, University of Toronto, <u>elizabeth.buckner@utoronto.ca</u>

**Sean Cremin**, Research Analyst, FHI 360, <a href="mailto:scremin@fhi360.org">scremin@fhi360.org</a> **Andrew Epstein**, MEERS Project Director, Social Impact, <a href="mailto:aepstein@socialimpact.com">aepstein@socialimpact.com</a>

Christine Capacci-Carneal, USAID Contracting Officer's Representative, ccapacci-carneal@usaid.gov







