



Introducing HDX and baseline data

11 December 2023

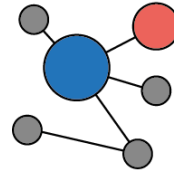


OCHA

centre for humdata

Learning objectives

- Learn about the Humanitarian Data Exchange and where to find and share baseline data on the platform.
- Identify the different types of CODs and why they are important in humanitarian response.



HDX
Humanitarian
Data Exchange



The Humanitarian Data Exchange

OCHA's open platform for sharing data.

The goal of the the Humanitarian Data Exchange is to **make humanitarian data easy to find and use for analysis.**

HDX launched in 2014, 2024 will be the 10th anniversary of HDX.

The screenshot shows the HDX website interface. At the top, there's a navigation bar with 'OCHA Services', 'FAQ', 'Log in', and 'Sign up'. Below this is a search bar labeled 'Search Datasets' and a menu with 'DATA', 'LOCATIONS', 'ORGANISATIONS', and 'DATAVIZ'. A prominent red 'ADD DATA' button is on the right. The main section has a teal background with the title 'The Humanitarian Data Exchange' and the tagline 'Find, share and use humanitarian data all in one place'. A 'LEARN MORE' button is present. To the right, a 'FIND DATA' section includes a search bar and statistics: 20,561 DATASETS, 254 LOCATIONS, and 1,859 SOURCES. Below this is an 'ADD DATA' section with two options: 'UPLOAD FILE' (Make your dataset available on HDX) and 'ADD METADATA' (HDX Connect: let others request your data). A red banner at the bottom of this section says 'Learn how the HDX team supports responsible data sharing.' The 'Highlights' section at the bottom features four cards: 1. 'SYRIAN ARAB REPUBLIC - Sub-national Administrative Boundaries' (DATASET) with a map. 2. 'HDX Year in Review 2022' (DATASET) with a bar chart showing unique users from 2014 to 2022. 3. 'Horn of Africa Drought Data Explorer' (DATA EXPLORER) with a heatmap. 4. 'Ukraine Data Explorer' (DATA EXPLORER) with a map showing displacement data.

OCHA Services | ? FAQ | Log in | Sign up

HDX | Search Datasets | DATA | LOCATIONS | ORGANISATIONS | DATAVIZ | ADD DATA

The Humanitarian Data Exchange

Find, share and use humanitarian data all in one place

LEARN MORE

FIND DATA

Search Datasets

20,561 DATASETS | 254 LOCATIONS | 1,859 SOURCES

ADD DATA

Make your dataset available on HDX | HDX Connect: let others request your data

UPLOAD FILE | ADD METADATA

Learn how the HDX team supports responsible data sharing.

Highlights

- SYRIAN ARAB REPUBLIC - Sub-national Administrative Boundaries** (DATASET)
- HDX Year in Review 2022** (DATASET)
- Horn of Africa Drought Data Explorer** (DATA EXPLORER)
- Ukraine Data Explorer** (DATA EXPLORER)

HDX in Numbers

1.5m

USERS
IN 2022

1.8m

DOWNLOADS
IN 2022

230+

ACTIVE
ORGS

20k+

DATASETS
SHARED

Sample of Orgs Sharing Data on HDX



Humanitarian Data Categories

1.

Baseline data

Data about the context
of the crisis

(admin boundaries)

2.

Situational data

Data about people
affected and their needs

(HNO data)

3.

Response data

Data about the
humanitarian response

(4W data)

We welcome any type of data on HDX
that can support humanitarian response operations.

Common Operational Datasets

What makes the CODs different from the other humanitarian data?

- **A standard requirement** in all disaster-prone countries as a core preparedness measure;
- **Authoritative reference datasets** needed to support operations and decision-making for all actors in a humanitarian response;
- **'Best available' datasets** that ensure consistency and simplify the management of key data;
- **Accepted** by humanitarian community based in the country, and ideally, accepted by the government;
- **Managed and maintained** by OCHA and UNFPA, in collaboration with government and humanitarian community.

Common Operational Datasets

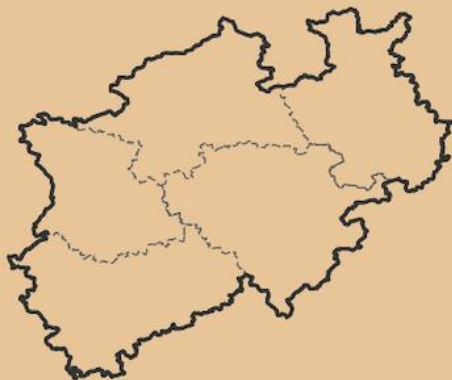
Types of CODs:

Core CODs

Core CODs

Provide location and demographic data

COD-AB



Administrative
Boundaries

COD-PS



40k 42k 20k

Population
Statistics

COD-HP

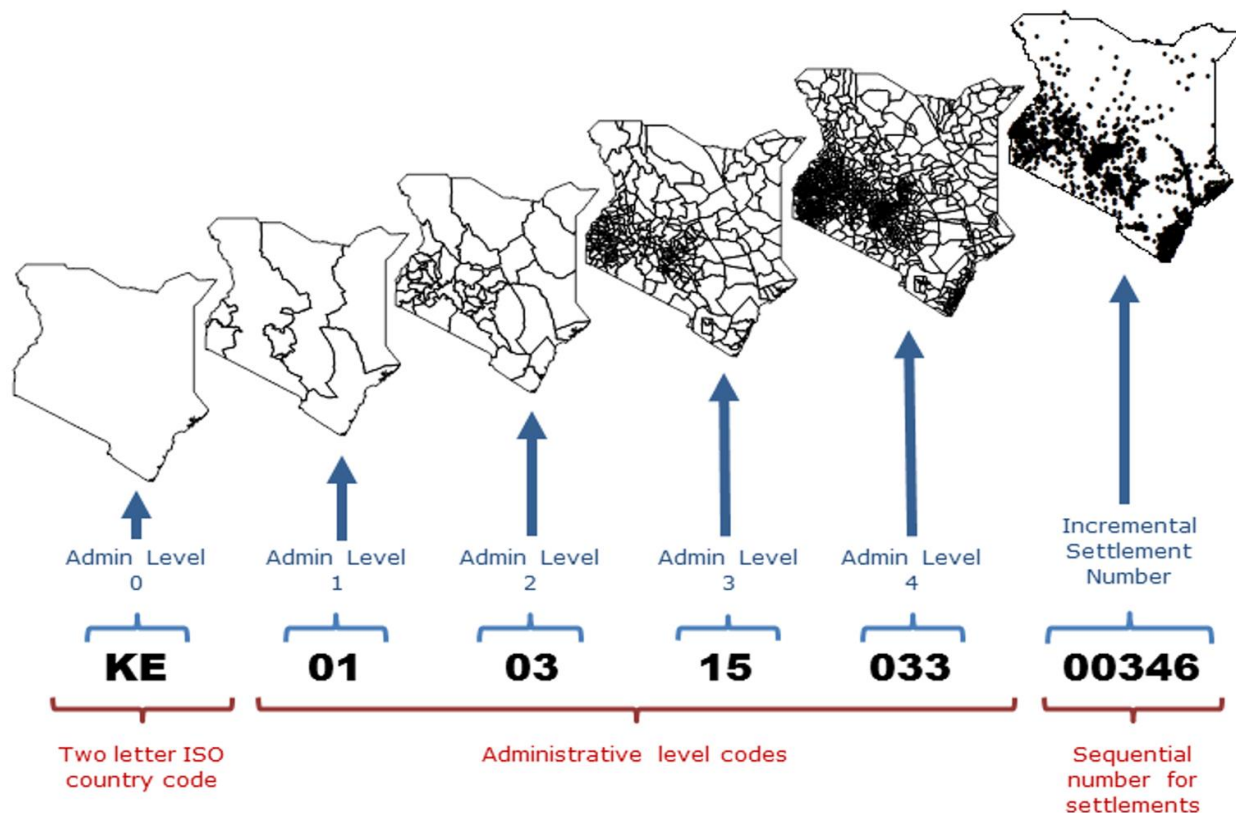


15k 20k 10k

Humanitarian
Profile

Common Operational Datasets

Core CODs: Administrative Boundaries (AB)



Common Operational Datasets

Core CODs: Population Statistics (PS)

admin3Name_en	admin3Pcode	admin2Name_en	admin2Pcode	admin1Name_en	admin1Pcode	Total	Male	Female	T_00_04	T_05_09	M_45_49	M_50_54	M_55_59	M_60_64	M_65plus	F_00_04	F_05_09	F_10_14
Tahtay Adiyabo	ET010101	North Western	ET0101	Tigray	ET01	107741	54300	53441	14356	15318	2034	1655	1286	975	2814	7121	7598	7983
Laelay Adiabo	ET010102	North Western	ET0101	Tigray	ET01	136058	67212	68846	18129	19343	2518	2049	1591	1207	3484	9174	9788	10284
Zana	ET010103	North Western	ET0101	Tigray	ET01	15127	7029	8098	2016	2151	263	214	166	126	364	1079	1151	1210
Tahtay Koraro	ET010104	North Western	ET0101	Tigray	ET01	78165	38774	39391	10415	11113	1452	1182	918	697	2010	5249	5600	5884
Asgede	ET010105	North Western	ET0101	Tigray	ET01	62171	31380	30792	8284	8839	1175	957	743	564	1626	4103	4378	4600
Tselemti	ET010106	North Western	ET0101	Tigray	ET01	164957	82797	82160	21980	23452	3102	2524	1960	1487	4291	10948	11681	12273
Sheraro town	ET010107	North Western	ET0101	Tigray	ET01	34471	17235	17236	4593	4901	646	525	408	310	893	2297	2450	2575
Indasilassie town	ET010108	North Western	ET0101	Tigray	ET01	95491	46169	49322	12724	13576	1729	1407	1093	829	2393	6572	7012	7368
Selekleka	ET010109	North Western	ET0101	Tigray	ET01	14679	6940	7739	1956	2087	260	212	164	125	360	1031	1100	1156
Seyemti Adyabo	ET010110	North Western	ET0101	Tigray	ET01	52228	25792	26436	6959	7425	966	786	611	463	1337	3523	3758	3949
Adi Daero	ET010111	North Western	ET0101	Tigray	ET01	16188	7407	8781	2157	2301	277	226	175	133	384	1170	1248	1312
Adi Hageray	ET010112	North Western	ET0101	Tigray	ET01	12852	5891	6961	1712	1827	221	180	139	106	305	928	990	1040
Tsimbla	ET010113	North Western	ET0101	Tigray	ET01	42256	21381	20875	5630	6008	801	652	506	384	1108	2782	2968	3118
Endabaguna town	ET010114	North Western	ET0101	Tigray	ET01	20414	9799	10615	2720	2902	367	299	232	176	508	1414	1509	1586
Dima (TG)	ET010115	North Western	ET0101	Tigray	ET01	32504	16307	16197	4331	4621	611	497	386	293	845	2158	2303	2420
May Tseabri town	ET010116	North Western	ET0101	Tigray	ET01	17417	8454	8963	2321	2476	317	258	200	152	438	1194	1274	1339
Chila	ET010201	Central	ET0102	Tigray	ET01	6061	2840	3221	808	862	106	87	67	51	147	429	458	481
Aheferom	ET010202	Central	ET0102	Tigray	ET01	217610	105235	112375	28996	30938	3942	3208	2492	1890	5454	14974	15976	16787

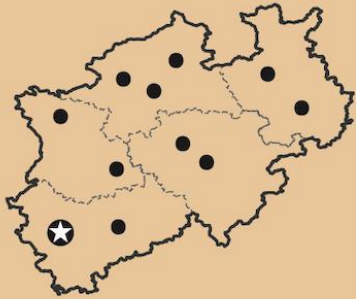
Population figures are connected to the admin boundaries and are broken down by gender and age.

Common Operational Datasets

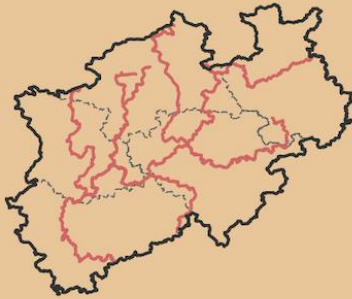
Types of CODs: COD Country Specific (CS)

Country-specific CODs

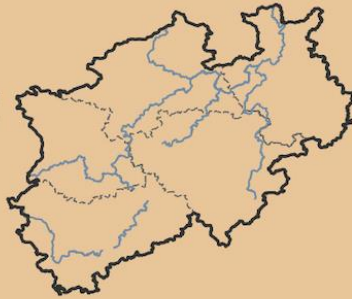
Operational data



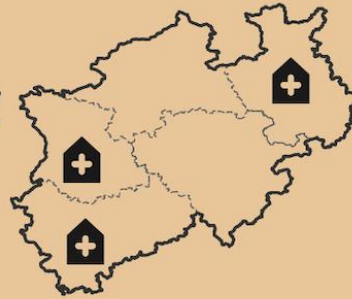
Populated
Places



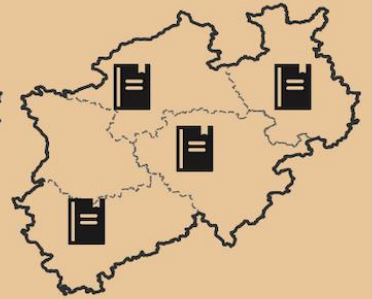
Roads



Waterways



Health
Facilities



Education
Facilities

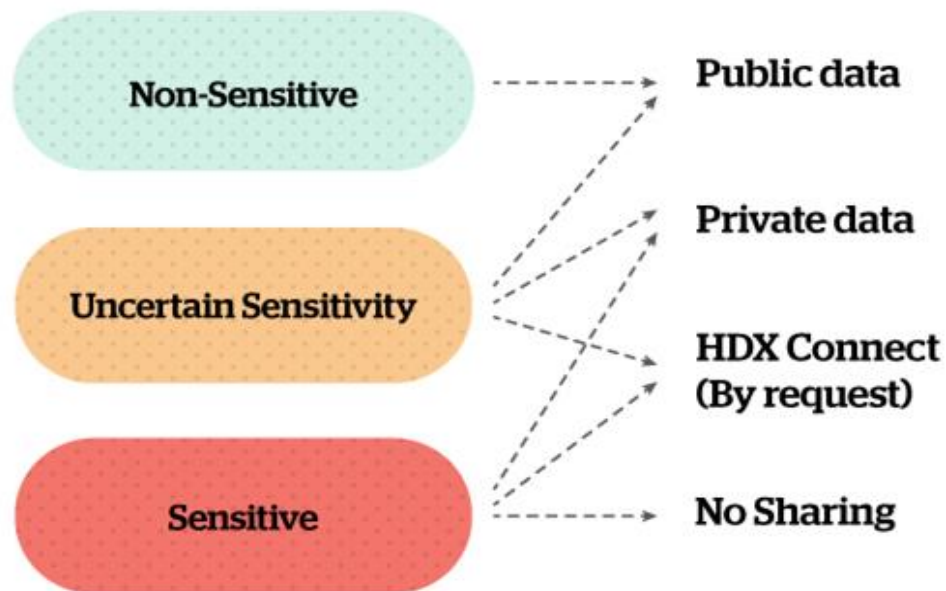
Different Ways to Share Data on HDX

There are three ways to share data on HDX based on the type of data and its level of sensitivity.

Public Data: Anyone can access data.

Private Data: Only members of an organization can see the organization's private data.

HDX Connect: Metadata is visible, but only approved requests can access full dataset.



Thank you!

For any questions or comments, please reach out at
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centre for humdata

