

SEASONAL EVENTS CALENDAR

Codebook
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INTRODUCTION

This document provides the structure for the ACAPS Seasonal Events Calendar Dataset. The dataset tracks seasonal events occurring in each country in a typical year. It presents a broad coverage of the seasonality of some events that may affect access to basic services. It aims to inform operational, strategic, and policy decision makers. The dataset also enables the more efficient and quicker production of custom calendars and monitoring of upcoming events. The seasonal calendar is useful tool for evaluation, as they can help monitor the typical calendar of events and potentially track and analyse time-related cyclical changes in data.

METHODOLOGY

ACAPS has identified 28 events organised within six categories. This list might be expanded in the future, with different events or types of events identified and listed in table 1.

Table 1. Typology of events.

EVENTS	EVENT TYPE
1st/main harvest	Harvest
2nd harvest	Harvest
3rd harvest	Harvest
Green harvest	Harvest
Lean season	Lean season
Livestock farming	Livestock
Livestock kidding	Livestock
Livestock migration	Livestock
Cholera	Outbreak
Dengue fever	Outbreak
Lassa	Outbreak
Malaria	Outbreak
1st/main planting	Planting and growing
2nd planting	Planting and growing
3rd planting	Planting and growing
Land preparation	Planting and growing
Planting and growing	Planting and growing
Main wet/ Rainy/ Monsoon season	Seasonal hazard
2nd wet/ Rainy/ Monsoon season	Seasonal hazard
Cold season	Seasonal hazard
Cold wave	Seasonal hazard
Cyclone/ Typhoon/ Hurricane season	Seasonal hazard
Drought	Seasonal hazard
Dry season	Seasonal hazard
Floods	Seasonal hazard
Heat wave	Seasonal hazard
Locust/ Armyworm (caterpillar)	Seasonal hazard
Sandstorms season	Seasonal hazard

Sources

Data is sourced from publicly available information, such as reports from international and local humanitarian organisations, international and local media, social media platforms, UN agencies, and official government websites. Analytical judgement is applied when deciding what data to include in the dataset.

Limitations

ACAPS relies on open sources and the expert judgement of trained data collectors in selecting the most reliable sources. Data collectors have a range of language skills, but linguistic barriers might have prevented ACAPS from identifying all the available information. Considering the diversity and complexity of the crises and seasonality, certain types of events may appear to fall outside of this categorisation. If you identify information gaps or would like to suggest the inclusion of missing information, please contact us at info@acaps.org.

Data collection and review

A team of ACAPS data collectors collects the data. Data collectors are trained on data collection methods, the seasonal calendar inclusion criteria, and the dataset structure. The intended coverage of the dataset is focused on the countries where according to ACAPS methodologies, there is an active humanitarian crisis.

ACAPS collects data on a daily basis, as the data collectors extract information from a wide range of reports. They then aggregate the information per event type and administrative level. If the source includes information relevant to multiple event categories, the source will be repeated and separate lines will be created in the dataset. Each line in the dataset should include information relevant to one event.

The collected data goes through a review process to check the completeness, validity, and reliability of the included information.

DATASET STRUCTURE

Data is inputted in the dataset following these rules:

- Data collection is done at administrative level 1. If the whole country (all of admin 1, maybe) is affected, the event is tagged as countrywide.
- One data point refers to one event
- If the same source covers multiple types of events, the source is logged in separate rows

Seasonal calendar data is uploaded to the dataset according to the following structure:

VARIABLE NAME	FORMAT	DEFINITION	CODES
ID	Numeric	Unique code for every entry	None
ISO3	Text	Country ISO3 code	None
Country	Text	Administration 0 name (English standard)	Dropdown list
Countrywide	Checkbox	Checkbox that is marked if the event affects all the administration level 1s in the country	Administration 0
ADM1	Text	Administration 1 code	The largest sub-national administrative region in which the event took place
ADM1 Eng name	Text	Administration 1 name (English standard)	The largest subnational administrative region where the event took place
Months	Months list	The list of the 12 months	None
Event	Text		Dropdown list See the list of events provided in table 1.
Event type	Text		Dropdown list See the list of event types provided in table 1.
Comment	Text	Short narrative description of the event	None
Source	Text	Source name	None
Source date	Date (dd/mm/yyyy)	Publication source date	None
Source link	Text	Source link	None