

Downloading and Understanding Ethiopian Regions Cattle Data

Introduction

The datasets contain data about cattle from the Ethiopian CSA Livestock reports and consists of national and regional statistics.

There are 11 regions in Ethiopia:

Name	Code used in data files
Addis Abada	AA
Afar	AF
Amhara	AM
Benshangul-Gumuz	BE
Dire Dawa	DD
Gambela	GA
Harari	HA
Oromia	OR
Southern Nations Nationalities and Peoples (SNNP)	SN
Somale	SO
Tigray	TI

The country of Ethiopia has the code: ETH.

Notes

- The field names are mostly self-explanatory but more information is available in the Ethiopian CSA Livestock reports or from the GBADs Informatics team. Unless otherwise stated the unit is singular, e.g. cattle_total is number of head
- The flag field in all tables is an integer that shows the status of a particular data point. The codes are as follows:
 - 0 = scraped from the Ethiopian CSA Livestock reports by the GBADs Informatics team (unaltered from the report)
 - 1 = data has been altered because the initial value in the CSA Livestock report table was wrong, but the data was recoverable from elsewhere in the report
 - 2 = data has been altered because the initial value in the CSA Livestock report table was wrong, but the data was not recoverable from elsewhere in the report and so has been estimated by the GBADs Informatics team in conjunction with Ethiopian experts

Cattle Population Data

To download the cattle population data for a region of Ethiopia or to access the national numbers, put the following in your browser:

<https://gbads-eth.s3.ca-central-1.amazonaws.com/CSA/cattle-region-population.csv>

The file returned is a CSV with the following fields:

- region [Codes listed above]
- year
- cattle_total
- male_lt_6mo
- male_6mo_lt_1yr
- male_1yr_lt_3yrs
- male_3yrs_lt_10yrs
- male_gte_10yrs
- female_lt_6mo
- female_6mo_lt_1yr
- female_1yr_lt_3yrs
- female_3yrs_lt_10yrs
- female_gte_10yrs
- male_indigenous
- male_hybrid
- male_exotic
- female_indigenous
- female_hybrid
- female_exotic
- flag

Except for region (string), all fields are integer numbers. If the number is -1 it means that the number could not be estimated with confidence. Thus, all zeros are reported zeros.

Cattle Dairy Data

To download the cattle dairy data for a region of Ethiopia or to access the national numbers, put the following in your browser:

<https://gbads-eth.s3.ca-central-1.amazonaws.com/CSA/cattle-region-dairy.csv>

The file returned is a CSV with the following fields:

- region
- year
- dairy_cows
- milking_cows
- cows_avg_daily_milk (unit = litres)
- cows_avg_lac_period_months
- cows_total_milk (unit = litres)
- flag

Except for region (string) and cows_avg_daily_milk (floating point number), all fields are integer numbers. If the number is -1 it means that the number could not be estimated with confidence. Thus, all zeros are reported zeros.

Cattle Estimation Data

To download the cattle estimation data for a region of Ethiopia or to access the national numbers, put the following in your browser:

<https://gbads-eth.s3.ca-central-1.amazonaws.com/CSA/cattle-region-estimation.csv>

The file returned is a CSV with the following fields:

- region
- year
- total_births
- male_births
- female_births
- total_purchases
- male_purchases
- female_purchases
- total_acquired_other
- male_acquired_other
- female_acquired_other
- total_sales
- male_sales
- female_sales
- total_slaughters
- male_slaughters
- female_slaughters
- total_offerings
- male_offerings
- female_offerings
- flag

Except for region (string), all fields are integer numbers. If the number is -1 it means that the number could not be estimated with confidence. Thus, all zeros are reported zeros.

Cattle Health Data

To download the cattle health data for a region of Ethiopia or to access the national numbers, put the following in your browser:

<https://gbads-eth.s3.ca-central-1.amazonaws.com/CSA/cattle-region-health.csv>

The file returned is a CSV with the following fields:

- region
- year
- cattle_afflicted
- cattle_treated
- cattle_death_disease
- cattle_death_other
- cattle_vac_total
- cattle_vac_anthrax
- cattle_vac_blackleg
- cattle_vac_pleuro_pneumonia
- cattle_vac_hemorrhagic_septicemia
- cattle_vac_rinderpest
- cattle_vac_other
- total_deaths
- male_deaths
- female_deaths
- flag

Except for region (string), all fields are integer numbers. If the number is -1 it means that the number could not be estimated with confidence. Thus, all zeros are reported zeros.

Cattle Holdings Data

To download the cattle holdings data for a region of Ethiopia or to access the national numbers, put the following in your browser:

<https://gbads-eth.s3.ca-central-1.amazonaws.com/CSA/cattle-region-holdings.csv>

The file returned is a CSV with the following fields:

- region
- year
- total_holding
- no_cattle_holdings
- head_1to2
- head_3to4
- head_5to9
- head_10to19
- head_20to49
- head_50to99
- head_100to199
- head_gte_200
- flag

Except for region (string), all fields are integer numbers. If the number is -1 it means that the number could not be estimated with confidence. Thus, all zeros are reported zeros.

Cattle Usage Data

To download the cattle usage data for a region of Ethiopia or to access the national numbers, put the following in your browser:

<https://gbads-eth.s3.ca-central-1.amazonaws.com/CSA/cattle-region-usage.csv>

The file returned is a CSV with the following fields:

- region
- year
- cattle_total_3to10yrs
- male_draught
- male_beef
- male_breeding
- male_other
- female_milk
- female_draught
- female_beef
- female_breeding
- female_other
- flag

Except for region (string), all fields are integer numbers. If the number is -1 it means that the number could not be estimated with confidence. Thus, all zeros are reported zeros.