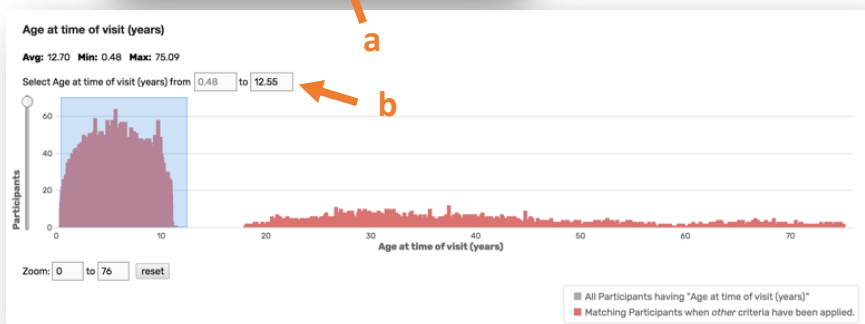
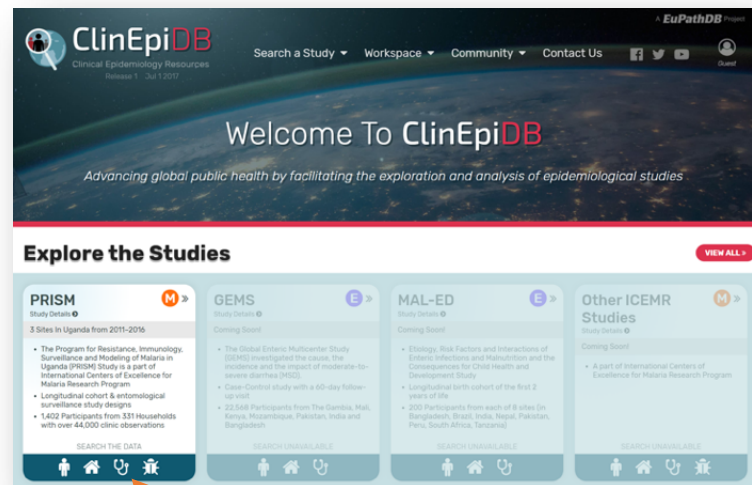


Tutorial: Exploring search results

This tutorial explains the options ClinEpiDB provides to explore results after performing a search. These include the dynamic tabular outputs, column visualization tools, and data download options.

To retrieve results in ClinEpiDB, a search needs to be initiated. In this example, a list of observations from the PRISM study will be returned using the observation search as described below.

1. From the ClinEpiDB home page, click on the observation icon located at the bottom of the PRISM study card.
2. In this example, select observations of children.
 - a. In the search wizard at the top of the page, click on "Time period/age at visit"
 - b. Enter the age range of interest (0.48-12.55)



To load the Results page, click on the blue button at the top right side of the page.



Exploring the Results page

By default, the Results table displays 20 rows of data at a time. From the Results page you can:

- 1) Click on 'Advanced Paging' to see more than 20 rows
- 2) Sort the table in ascending or descending order using the arrows on the column headers
- 3) Remove a column from the table by clicking the 'x'
- 4) See a histogram of the data by clicking the graph icon
- 5) Add a column using the 'Add Columns' button

Observation Id	Date of visit	Dwelling type	Malaria diagnosis	Malaria diagnosis and parasite status	Submicroscopic parasites present, LAMP
100218844	2011-08-10 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative
100218879	2011-09-14 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear not indicated	N/A
100218932	2011-11-06 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative
100218982	2011-12-26 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	N/A
100219022	2012-02-04 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative
100219113	2012-05-05 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative
100219205	2012-08-05 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative
100219297	2012-11-05 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative
100219389	2013-02-05 00:00:00.0	Modern (wood, cement or brick walls; metal or tiled roof and closed eaves)	No	Blood smear negative / LAMP negative	Negative

Click on 'Add Columns', type the word 'fever' in the search bar (1). Select 'Fever, subjective duration (days)' (2), and click 'Update Columns' (3).

Select Columns

Update Columns

add these | clear these | select only these
select all | clear all | reset to current | reset to default

1 fever

☒ Public health and epidemiology

☐ Febrile

2 ☒ Fever, subjective

☐ Fever, subjective duration (days)

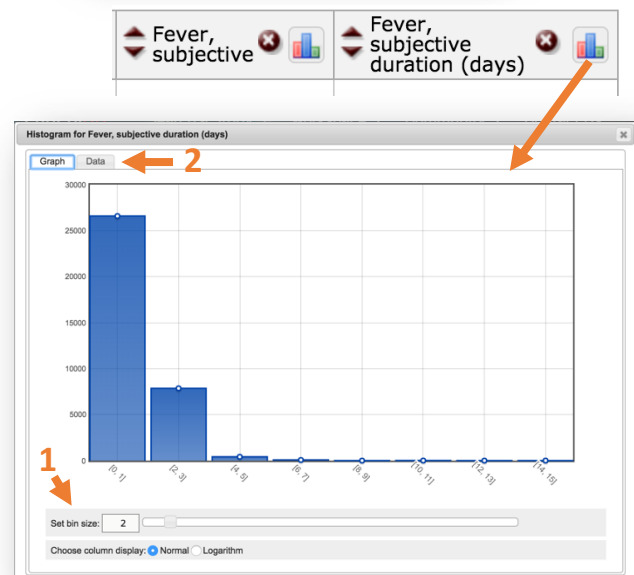
☐ Malaria diagnosis

add these | clear these | select only these
select all | clear all | reset to current | reset to default

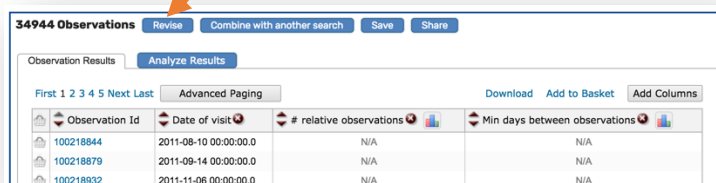
3 Update Columns

Click the graph icon next to 'Fever, subjective duration (days)' and a histogram should pop up. The y-axis displays the number of observations and the x-axis displays the duration of fever (days). You can:

- 1) Modify the bin size to change the granularity of the histogram
- 2) Click on 'Data' to see a tabular version of the data

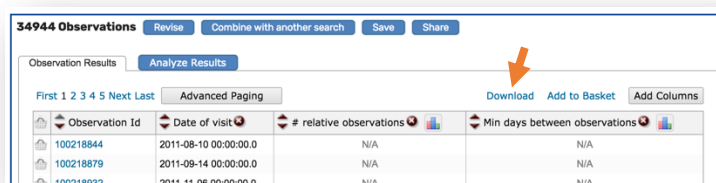


Results may be edited by revising the applied filters. To do this, click on the 'Revise' button at the top of the Results table.



Downloading data

To download the data, click the 'Download' link at the top of the Results table.



From the download page, select which variables to download (1), the file type (2), and click 'Get Observations' (3). The download returns 1 row of data for each observation, even observations that were filtered out using the search wizard. Note: When selecting which variables to download, you only have access to variables associated with your search type (i.e. you can select the variable 'abdominal pain', which falls under Observations, but not 'sex' which falls under Participant). To look at associations between variables in different categories such as Observations and Household, download both results files and use the Participant IDs and Household IDs to link the data.

Download 34944 Observations

Results are from search: Select a Set of Clinical Observations (PRISM)

Note: IDs will automatically be included in the report and the report will be sorted by ID.

1 Choose Columns

select all | clear all | expand all | collapse all

Search Columns...

- ☐ Search Specific
 - ☐ Min days between observations
 - ☐ # relative observations
 - ☐ Search Weight
- ☒ Public health and epidemiology
 - ☒ A-Thalassemia genotype
 - ☒ Abdominal pain
 - ☒ Abdominal pain duration (days)
 - ☒ Admitting hospital
 - ☒ Age at time of enrollment
 - ☒ Age at time of visit (years)
 - ☒ Anorexia
 - ☒ Anorexia duration (days)
 - ☒ Asexual parasite density
 - ☒ Asexual parasites present, microscopy
 - ☒ Basis of complicated diagnosis
 - ☒ Complicated malaria
 - ☒ Cough
 - ☒ Cough duration (days)

2 Download Type

☐ Text File

☒ Excel File*

☐ Show in Browser

Additional Options

☒ Include header row (column names)

3 Get Observations

The screenshot shows an Excel spreadsheet titled 'ClinicalVisitsByRelativeVisits_prism_Summary (1)'. The data is organized into columns labeled A through L. The first column (A) contains Observation IDs, and the second column (B) contains dates of visits. The subsequent columns (C through L) contain various clinical variables such as 'Abdominal pain', 'Admitting hospital', 'Age at time of enrollment', 'Age at time of visit (years)', 'Anorexia', 'Anorexia duration (days)', 'Asexual parasite density', 'Asexual parasites present, microscopy', 'Basis of complicated diagnosis', 'Complicated malaria', 'Cough', and 'Cough duration (days)'. The data is sorted by Observation ID.

Thank you for using this tutorial.
Please contact us through the
website or email us at
help@clinepidb.org with any
questions or suggestions.

