

# DTT Data Collections Help

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### Function

The DTT Data Collections application allows users as well as DTT scientists to access related sets of data from a CEBS Guided Search. Complete datasets are displayed as filterable, sortable tables that can be downloaded. This tutorial details how to use the data from the DTT Data Collections Guided Search: Browse and/or search the data just like an Excel table through the DTT Data Collections application. To use the DTT Data Collections application, on the [CEBS Homepage](#) select the [DTT Data Collections](#) link to go to the application's homepage. Each dataset's homepage allows users to access the browse, search and download options.

### Guided Search

The Guided Search application is accessible by selecting the [DTT Data Collections](#) link on the [CEBS Homepage](#). From this page, options to Browse and Search datasets are available.

#### a) Browse Data

The DTT Data Collections homepage contains a list of all the available datasets, including dataset name, grouping information (e.g.: Tox21, NICEATM) and a short description. Clicking on the name of the dataset redirects the user to the dataset's homepage displaying the full dataset as an interactive table. Large datasets with multiple rows and or columns can also be filtered for specific criteria to obtain targeted data in the results table. See the [Search Data](#) section to read more about searching the data.

#### Browse Data Options

From the browse data page, several options are available to interact with the data:

- **Search Criteria:** See the [Search Data](#) section for detailed information
- **Sort Columns:** By clicking on the column header, the content is sorted alphabetically ascending or, by clicking a second time, descending order. Some

numeric columns (e.g. a column that contains the year a study began) can be sorted numerically, ascending and descending.

**Note:** To sort on multiple columns hold the Shift key

- **Filter:** Type into the 'Search' box above the table to search for terms of interest
- **Show X Results Per Page:** To show more or less rows/results per page select the desired number from the drop-down menu located at the top left or bottom left of the table
- **Paging:** By default, 25 records are displayed per page. To navigate to additional records, select the page number on the bottom right of the table, or select Next or Previous links to move from page to page
- **Download Results table:** Click the <DOWNLOAD> button to download the results table

**Note:** Filtering results with the search box or sorting columns the displayed table will not be reflected in the file downloaded with this button

- **Back to Top:** Click the <BACK TO TOP> button to return to the top of the page
- **Return to Homepage:** Click the 'DTT Data Collections' breadcrumb link at the top of the page to return to the application homepage

## b) Search Data

The Search Data function allows users to perform focused data searches. Search criteria sections are located above the dataset table, in the **Search Criteria** sections. Search Criteria may be divided into two separate sections: Primary Search Criteria and Additional Search Criteria. Typically, Primary Criteria includes a substance (stressor) name and/or other forms of substance identifiers as well as main conclusions or assay endpoint(s). Additional Search Criteria provide the user with more criteria to refine their search options from other columns in the dataset. Primary and Additional Search criteria can vary between datasets.

### Search Data Options

Several search options provide users with an intuitive, user-friendly method of obtaining information of interest.

- **Primary Search:** Each Search Criteria provides a text box to input search terms. Users can also click in the text boxes to scroll through a drop-down list of options to select. Type-ahead to reduce/filter the number of options displayed
  - When user begins typing in a text box, a <SELECT FILTERED> button appears and will allow the user to select all the terms filtered by the user's input.
 

**Note:** Numerical Range Searches do NOT provide type-ahead functionality.
  - After the <SELECT FILTERED> button is selected, a <CLEAR> button will appear above the text box and allow user to clear only the results in that

specific text box. User may also individually de-select any criteria already selected.

- **Additional Search:** The Additional Search Criteria look and function like the Primary Search Criteria, including type-ahead and filtering capability.
- **Search:** Click the <SEARCH> button to generate a filtered result table with the user criteria selected
 

***Note:** Within each criteria's text box, the "OR" search criteria are applied. Outside a criteria's text box, the "AND" search criteria are applied unless a "Cross Field Search" is used*
- **Clear All Selected Criteria:** To the immediate right of the <SEARCH> button is a "Clear" link that allows users to clear all the results selected
 

***Note:** The results table will NOT display its default (unfiltered) results after clearing all the criteria unless the <SEARCH> button is subsequently selected*
- **Cross Field Searches:** Some datasets contain cross field text boxes that include all the criteria from 2 or more columns. Cross field searches allow the user to select multiple criteria and obtain filtered results from two or more criteria lists
- **Numerical Range Searches:** Some datasets contain numeric range text boxes and are identified by having two text boxes for one criterion. This feature allows users to search a range of numerical values.
 

***Note:** User must only enter numerical digits, dash (for negative values), decimal point or leave the box null to obtain a filtered range (e.g. "1984" and "1999", "867.5309" and "939.43", "-34" and "45", etc.).*
- All functionalities described in the [Browse Data Options](#) section are available in Search Data Options. However, the <DOWNLOAD> button above the search results table, downloads the table as displayed with user's searching criteria applied.
 

***Note:** Filtering results with the search box or sorting columns the displayed table will not be reflected in the file downloaded with this button*

## Examples

**Example (1):** In the dataset "CEBSR: Statistically Analyzed DTT Pathology Lesions (with incidence, BMD, NEL, and LEL)", filter all data with a morphology of "Sarcoma" or a modifier of "Stromal". Then download the filtered results.

- 1) Open [CEBS Homepage](#)
- 2) Navigate to DTT Data Collections homepage
- 3) Type "CEBSR" in the search box and select the link "CEBSR: Statistically Analyzed DTT Pathology Lesions (with incidence, BMD, NEL, and LEL)" from the DTT Data Collections homepage

- 4) Type “Stromal” in the “Morphology Related Cross Field Search” text box and scroll down to select that term. Repeat with typing “Sarcoma”, scrolling down and selecting the term
- 5) Click the <**SEARCH**> button
- 6) Click the <**DOWNLOAD**> button to save the results table as a comma separated values (.csv) file

**Example (2):** In the dataset “CEBSR: Statistically Analyzed DTT Pathology Lesions (with incidence, BMD, NEL, and LEL)”, search all data with a species of “Mouse”, a morphology of “Abnormal cell morphology” but only in studies that started between the years 1984 and 1989 and sort in ascending order of Start Year.

- 1) Open [CEBS Homepage](#)
- 2) Navigate to DTT Data Collections homepage
- 3) Type “CEBSR” in the search box and select the link “CEBSR: Statistically Analyzed DTT Pathology Lesions (with incidence, BMD, NEL, and LEL)” from the DTT Data Collections homepage
- 4) Select “Mouse” in the “Species” text box.
- 5) Select “Abnormal cell morphology” in the “Morphology” text box
- 6) Enter “1984” in the first text box for “Start Year” and “1989” in the second text box
- 7) Click the <**SEARCH**> button
- 8) In the search result table, scroll to right to find the column “Start Year” and click on the column header

### Additional Instructions/Information

- CEBS data may be cited by navigating to the CEBS Support page, and selecting the [Citing CEBS](#) document under FAQs
- Please contact [CEBS-Support@mail.nih.gov](mailto:CEBS-Support@mail.nih.gov) for additional assistance