

DTT Data Collections Help

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1. Guided Search

a) Open Application

- The [DTT Data Collections](#) application is listed under “DTT Guided Searches” on the [CEBS Homepage](#).
- Click the application name to open it and display a list of all available datasets which includes the dataset name, group information (e.g., DTT, Tox21, NICEATM), and a brief description
- Browse, or search the list by key terms using the 'Search' box above the list, to locate datasets of interest
- Click any dataset name to be redirected to the corresponding homepage
- An interactive table of the complete dataset contents is displayed below the Search Criteria section.
- The data table can be Browsed and/or Searched for specific data of interest

b) Browse Data

Data tables typically include multiple rows and columns of information that can be filtered and sorted like an Excel worksheet to look for targeted data. Several options available on the opening page to work with the data include:

- **Download Results table:** Click the [DOWNLOAD] button to download all the data shown in the results table as an Excel file
- **Sort Columns:** Click any column header to sort content alphabetically in ascending order, by clicking a second time, descending order; numeric columns are sorted lowest to

highest or vice versa (**Note: To select multiple columns for sorting use the Shift key**)

- **Filter:** Type descriptive terms, e.g., gene name or symbol, in the 'Search' box above the table to search for data related to the term(s) (**Note: Filtered data are not downloadable; see the [Search Data](#) section below for searching and downloading selective data**).
- **Show X Results Per Page:** By default, 25 records are displayed per page; to show more records per page select the desired number from the drop-down menu located at the bottom left of the table
- **Paging:** To navigate between pages, select the page number on the bottom right of the table or click the Next or Previous link
- **Scrolling:** Use the right and bottom scroll bars to see data that are not visible in the results table viewing area
- **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 complete list of datasets on the application homepage

c) Search Data

The Search Data function uses data selected in the Search Criteria sections that are displayed above the data table. The Primary Search Criteria typically include data such as test article name and identifiers, e.g., CASRN, IDs, Study metadata, e.g., species, sex, treatment data, assay endpoint(s), and main conclusions. Additional Search Criteria include data fields to help refine the search further. Each data field is populated by selecting data from a drop-down list.

- **Primary Search Criteria**
 - Click inside the text box beside a data field to display the list of available terms in alphabetical order from which to choose
 - Scroll through the list to find terms of interest then click the term to add it to the search criteria (to select multiple terms, use the control key)
 - Alternatively, begin typing in the text box to filter the list of terms to those that match the text, e.g., benzene (**Note: Type-ahead is NOT available for Numerical Range Searches**)
 - Click the term(s) of interest, or click the <SELECT FILTERED> button that appears above the search box to select all terms in the filtered list
 - The <SELECT FILTERED> button is replaced with a <CLEAR> button to be used to clear selected terms only in that specific text box
 - Click the "X" to the right of any term to remove it from the selected list

- **Additional Search Criteria:** The Additional Search Criteria look and function like the Primary Search Criteria, including type-ahead and filtering capability
- **Search:** Click the <SEARCH> button below the Search Criteria sections to generate a result table with data that match the user-selected search criteria
(*Note: Within each criteria's text box, "OR" search logic is applied to the terms. Terms in different criteria fields are searched using "AND" search logic, unless a "Cross Field Search" is being used.*)
- **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.*)
- **Download:** Click the <DOWNLOAD> button above the search results table to download the data in the results table as displayed
- **Clear All Selected Criteria:** Click the "Clear" link to the right of the <SEARCH> button to clear all selected criteria. (*Note: The results table does NOT display the default (unfiltered) results after clearing all criteria unless the <SEARCH> button is subsequently selected.*)
- All functionalities and limitations described in the [Browse Data](#) section are also available in Search Data

2. Examples

Example (1): In the dataset "Statistically Analyzed DTT Pathology Lesions (with incidence)", filter all data with a morphology that includes "myelofibrosis" or "leukemia". Then download the filtered results.

- 1) Open [CEBS Homepage](#)
- 2) Navigate to DTT Data Collections homepage
- 3) Type "statistically" in the search box and select the link "Statistically Analyzed DTT Pathology Lesions (with incidence)" from the DTT Data Collections homepage
- 4) Type "Myelofibrosis" in the 'Morphology' field text box and click <Select Filtered>. Repeat with typing "Leukemia"

- 5) Click the <**SEARCH**> button
- 6) Click the <**DOWNLOAD**> button to download and save the data in the results table as a comma separated (.csv) text file

Example (2): In the dataset “Statistically Analyzed DTT Pathology Lesions (with incidence)”, search all data with a species of “Mouse”, a morphology of “Cellular Alteration” but only in studies with dermal exposures.

- 1) Open the “Statistically Analyzed DTT Pathology Lesions (with incidence)” as described in Example 1
- 2) Select “Mouse” in the “Species” text box.
- 3) Type “Cellular Alteration” in the “Morphology” text box and click <Select Filtered>
- 4) Click the <**SEARCH**> button then download the data in the results table
- 5) Open the downloaded file in Excel and filter the data using the ‘Routes’ field to show only “Dermal, Solution”

3. Additional Information

- a. A description of how to cite CEBS data is also available on the CEBS Help page from the “How do I cite CEBS?” link under FAQs
- b. For more information or specific questions please contact CEBS-Support@mail.nih.gov