HRR Reports User Guide

May 18, 2016

Contents

Interface 2

Toolbar 2

Field Selection 3

Filters 3

Basic Walkthrough: Commonly Run Reports 3

Basic Walkthrough: Your First Report 4

Field Selection 4

Filters 5

Running the Report 7

Intermediate Walkthrough: Item Relationships 8

Field Selection 10

Filters 11

Running the Report 12

Advanced Walkthrough: Intro to Advanced Filters 13

Field Selection 13

Filters 14

Running the Report 17

Advanced Walkthrough: Filter Expression Groups 18

Field Selection 18

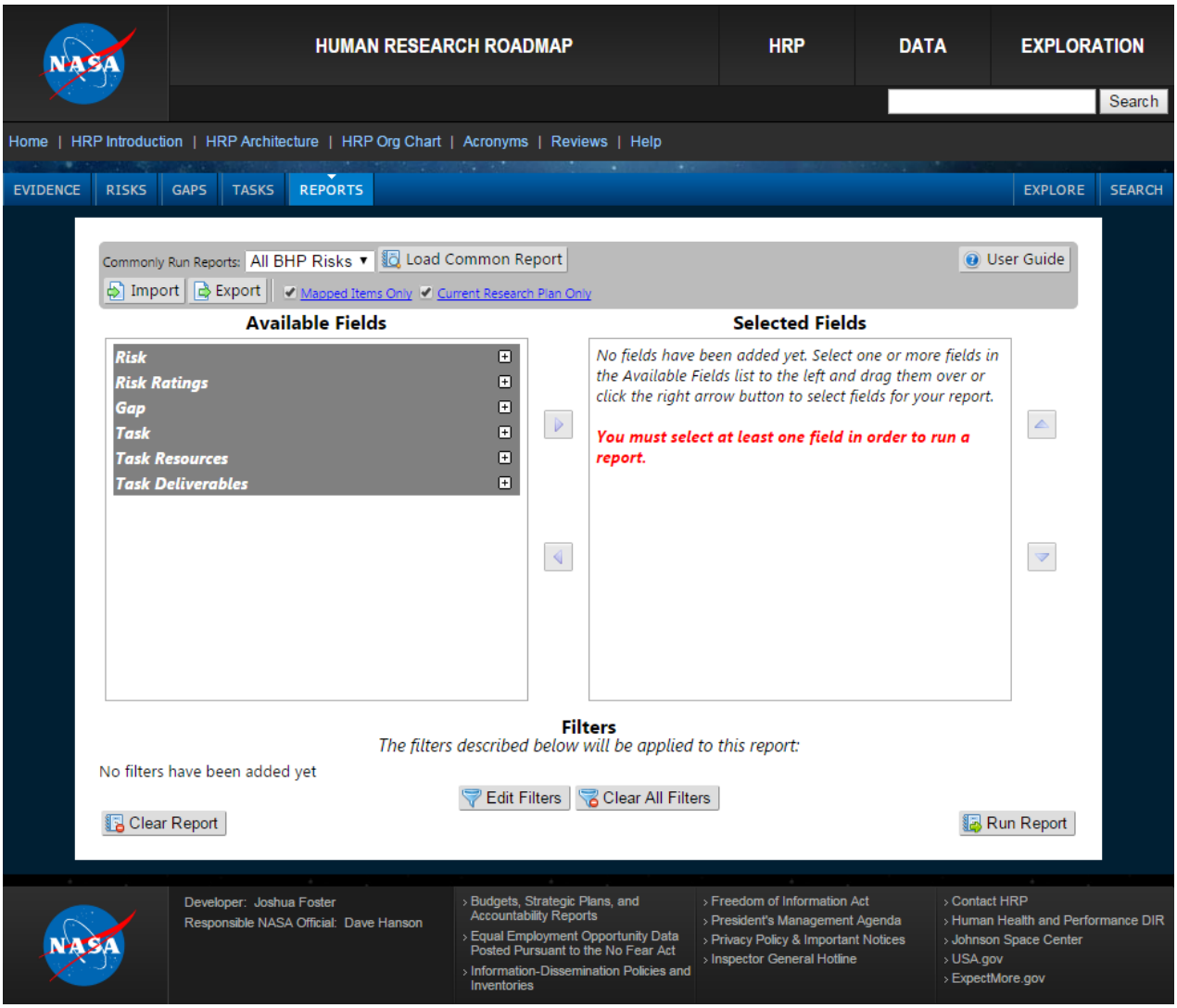
Filters 18

Running the Report 20

Managing Reports 20

Import and Export 21

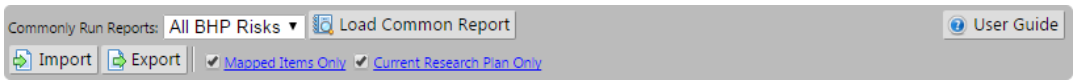
Interface



The Reports page interface has three main areas:

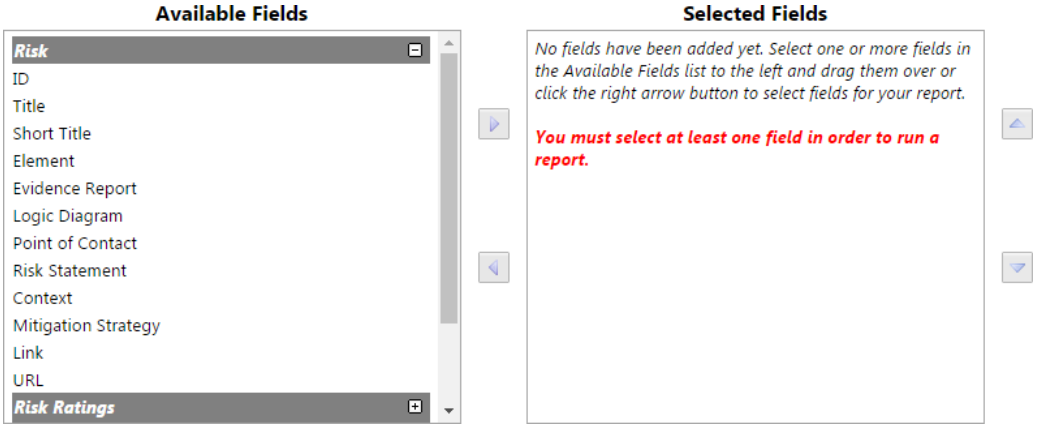
- Toolbar
- Field Selection
- Filters

Toolbar



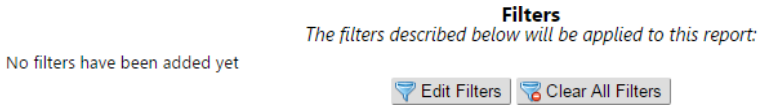
The toolbar at the top of the page contains controls for loading and saving reports, as well as advanced options for controlling which items are returned in the results.

Field Selection



The Available Fields and Selected Fields controls allow you to choose which information you wish to display in your report. These fields are split into several categories which can be expanded. For example, you can specify that the report should return Risk Titles, Risk Short Titles, and Risk Elements by expanding the *Risk* category.

Filters

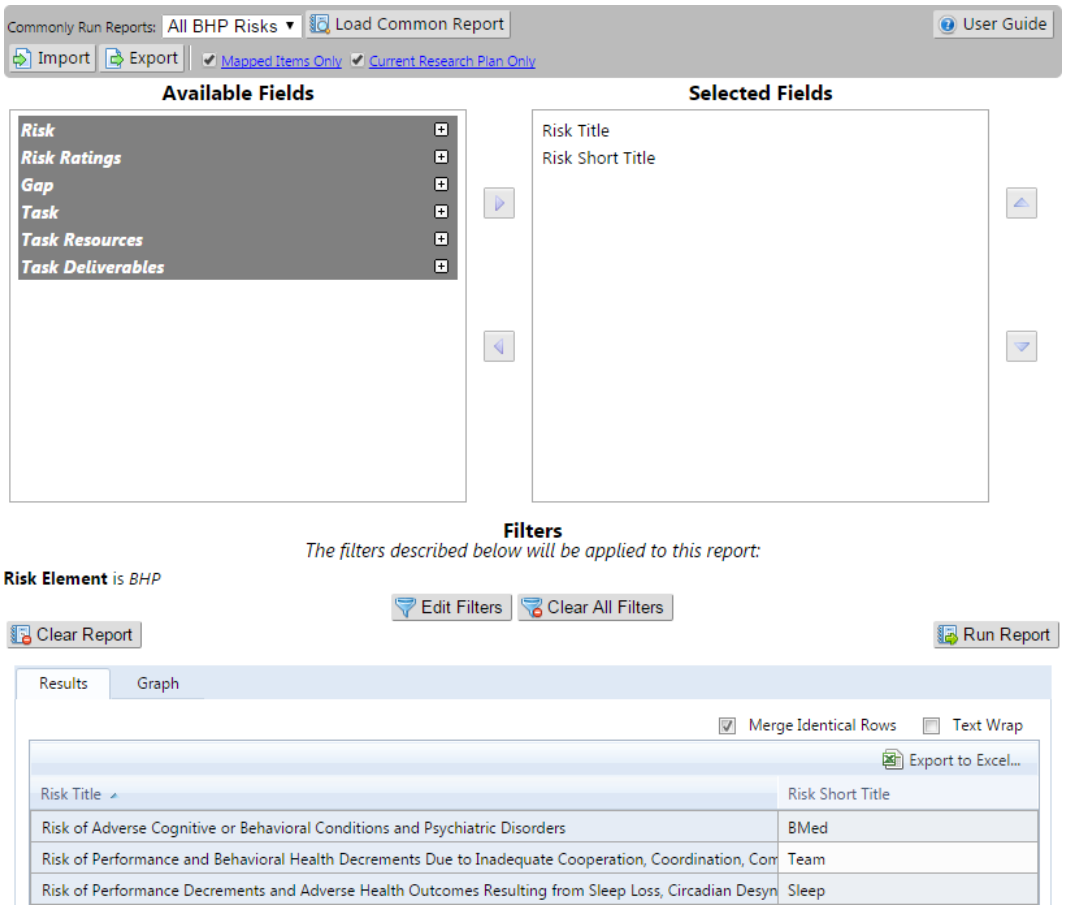


The Filters section allows you to control how much information is returned in your report. For example, you can specify that only Risks whose Element is *HHC* should be returned.

Basic Walkthrough: Commonly Run Reports

At the top of the Report toolbar there is a dropdown with Commonly Run Reports. These reports allow you to easily select and run a report without needing to understand how to create your own report. To run one of these common reports, click the dropdown and select a report:

Once you've selected a common report, click the *Load Common Report* button to run the report and display the results:



Basic Walkthrough: Your First Report

In this section, we'll describe how to create and run a basic report. This report will return the Title, Short Title, and Element values for all Risks whose Element is *BHP* or *HHC*.

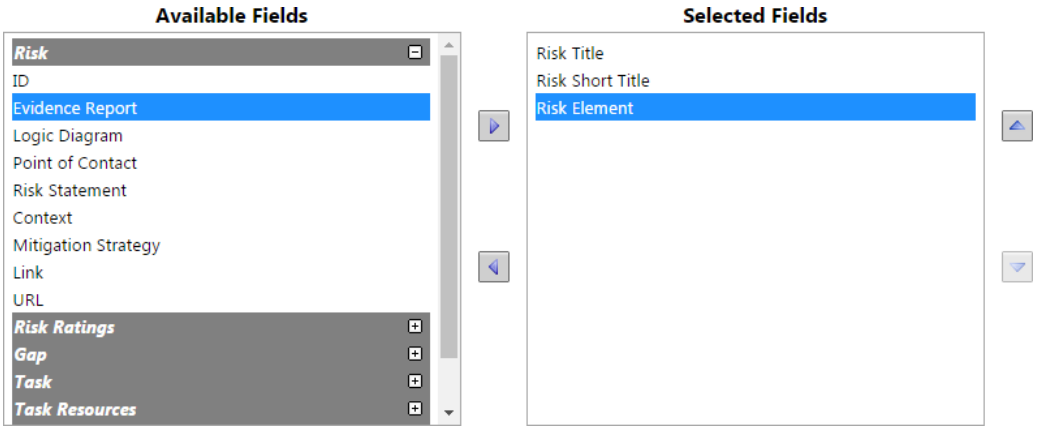
Field Selection

In order to select the Title, Short Title, and Element fields for Risks, we'll need to add them to the Selected Fields list. There are four ways to add fields from the Available Fields list to the Selected Fields list:

1. Double-click the desired field
2. Click and drag the desired field to the Selected Fields list
3. Click the desired field and click the Right button between the Available Fields and Selected Fields lists
4. Click the desired field and press the Right Arrow key on your keyboard

You can hold Shift or Ctrl on your keyboard to select multiple fields for all of these methods (except double-click).

If we use one of these methods to add the *Title*, *Short Title*, and *Element* fields from the *Risk* section of the Available Fields list over to the Selected Fields list, the interface should show this:

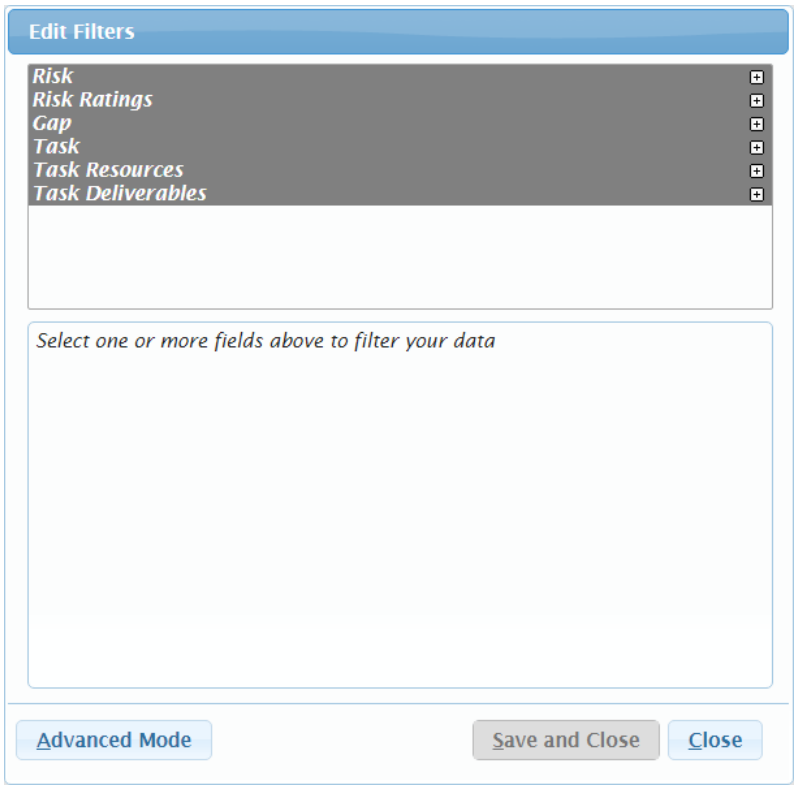


Notice that the fields in the Selected Fields box now say *Risk Title* instead of *Title*, letting you know which type of item it will display. On a side note, you can change the order of the fields in the Selected Fields box by dragging them up and down or using the Up/Down buttons to the right of the Selected Fields list.

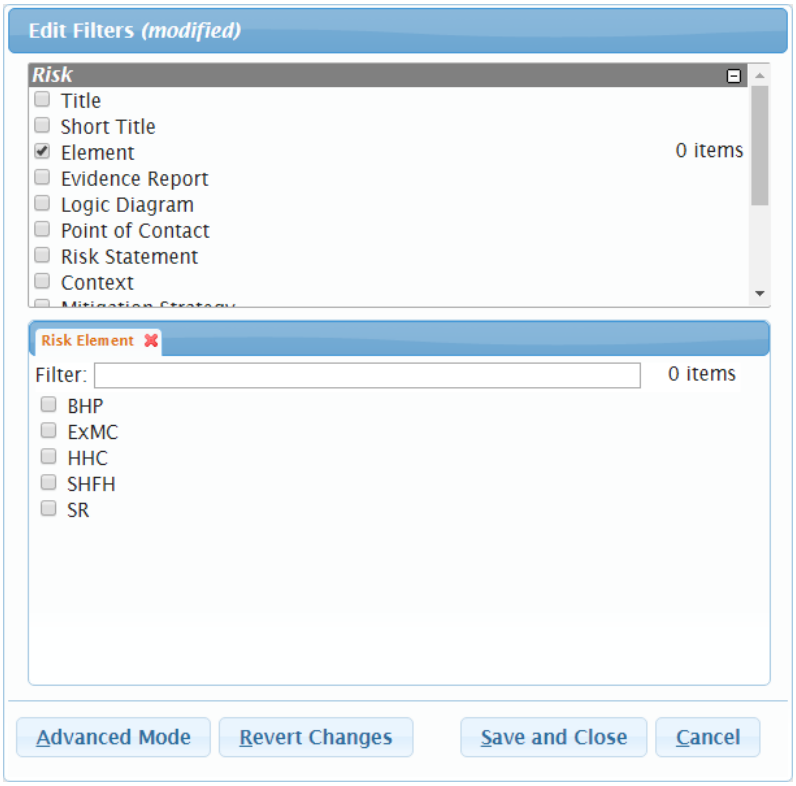
Filters

Now that we've specified that we want Risk Titles, Short Titles, and Elements in our report, we need to narrow down the list of results to only Risks whose Element is *BHP* or *HHC*. We can accomplish this by creating a filter on our report. For this walkthrough, we will use Basic Mode for creating our filter; Advanced Mode will be covered later in this document.

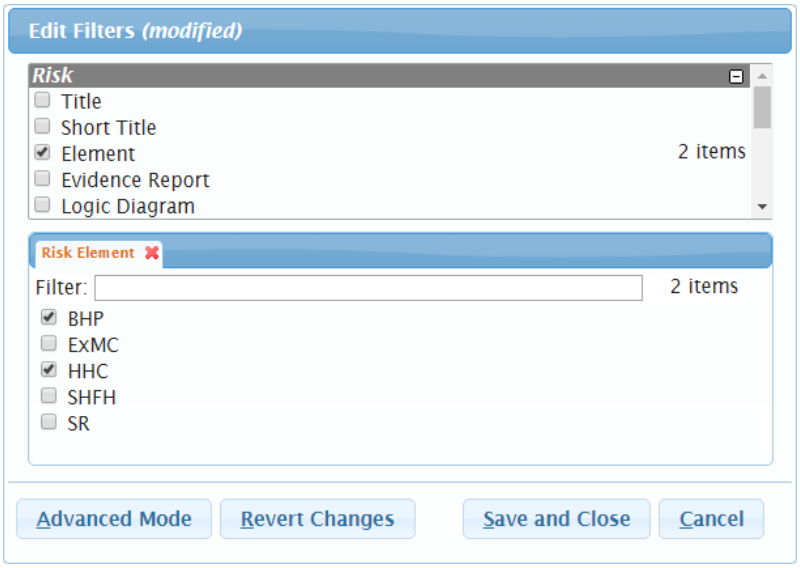
To edit the filters for a report in Basic Mode, click the *Edit Filters* button in the Filters section to open the *Edit Filters* dialog:



Using this dialog, we can pick which fields we want to filter on out of a list of selected options. You can filter on as many fields as you like; in this walkthrough, we'll just create one on the Risk Element field. Open the *Risk* category and mark the checkbox next to the *Element* field in the *Risk* section of the list:



A new *Risk Element* tab is added to the bottom of the dialog with a list of possible options. Each field you select in the top of the dialog will have its own tab at the bottom, and you can remove a filter by either clearing its checkbox in the top or clicking the red X on its tab at the bottom. The Filter textbox allows you to easily find the option you want if the list is particularly long. Since we want Risks whose Element is *BHP* or *HHC*, mark the checkboxes next to *BHP* and *HHC* in the dialog:



Notice that the text *2 items* is shown next to the *Element* option in the *Risk* section at the top of the dialog, as well as next to the Filter textbox in the *Risk Element* tab at the bottom. Now that we've selected our desired Elements, click the *Save and Close* button and the Filters section of the page should update to show our selections:

Filters

The filters described below will be applied to this report:

Risk Element is (*BHP* **or** *HHC*)

Edit Filters | Clear All Filters

The Filters description shows a summary of the filters that will be applied to your report. In this case, only items where the Risk Element is *BHP* or *HHC* will be returned in the report. You can click the *Clear All Filters* button to remove all filters from your report.

Running the Report

Now that the fields have been selected and the filters have been applied, click the *Run Report* button at the bottom of the page to run the report and display the results:

Results | Graph

Merge Identical Rows | Text Wrap

Export to Excel...

Risk Title	Risk Short Title	Risk Element
Concern of Clinically Relevant Unpredicted Effects of Medication	PK/PD	HHC
Concern of Intervertebral Disc Damage upon and immediately after re-exposure to Gravity	IVD	HHC
Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders	BMed	BHP
Risk of Adverse Health Event Due to Altered Immune Response	Immune	HHC
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC
Risk of Decompression Sickness	DCS	HHC
Risk Of Early Onset Osteoporosis Due To Spaceflight	Osteo	HHC
Risk of Impaired Control of Spacecraft/Associated Systems and Decreased Mobility Due to Vestibular/Sensorimotor Alterations A	Sensorimotor	HHC
Risk of Impaired Performance Due to Reduced Muscle Mass, Strength & Endurance	Muscle	HHC
Risk of Inadequate Nutrition	Nutrition	HHC
Risk of Injury and Compromised Performance Due to EVA Operations	EVA	HHC
Risk of Orthostatic Intolerance During Re-Exposure to Gravity	OI	HHC
Risk of Performance and Behavioral Health Decrements Due to Inadequate Cooperation, Coordination, Communication, and Psyc	Team	BHP
Risk of Performance Decrements and Adverse Health Outcomes Resulting from Sleep Loss, Circadian Desynchronization, and Wo	Sleep	BHP
Risk of Reduced Physical Performance Capabilities Due to Reduced Aerobic Capacity	Aerobic	HHC
Risk of Spaceflight-Induced Intracranial Hypertension/Vision Alterations	VIIP	HHC

1 Page size: 50 16 items in 1 pages

A grid containing the list of results is shown at the bottom of the page. Clicking on the column headers will sort the results in ascending or descending order, and column headers can be resized as well. The page controls at the bottom of the grid allow you to navigate the full set of results and change how many are displayed on one page. At the top of the grid are two checkboxes that allow you to modify how the results are displayed:

- *Merge Identical Rows* will combine rows containing information for the same item into a single row. This control doesn't apply to this basic walkthrough, but it will be covered in the Item Relationships walkthrough below.
- *Text Wrap* will cause long text to wrap inside the column instead of being cut off. In the above example, long *Risk Title* values are cut off at the *Risk Short Title* column. By marking the *Text Wrap* checkbox, these values can be wrapped within the *Risk Title* column:

Results | Graph

Merge Identical Rows | Text Wrap

Export to Excel...

Risk Title	Risk Short Title	Risk Element
Concern of Clinically Relevant Unpredicted Effects of Medication	PK/PD	HHC
Concern of Intervertebral Disc Damage upon and immediately after re-exposure to Gravity	IVD	HHC
Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders	BMed	BHP
Risk of Adverse Health Event Due to Altered Immune Response	Immune	HHC
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC
Risk of Decompression Sickness	DCS	HHC
Risk Of Early Onset Osteoporosis Due To Spaceflight	Osteo	HHC
Risk of Impaired Control of Spacecraft/Associated Systems and Decreased Mobility Due to Vestibular/Sensorimotor Alterations Associated with Spaceflight	Sensorimotor	HHC
Risk of Impaired Performance Due to Reduced Muscle Mass, Strength & Endurance	Muscle	HHC
Risk of Inadequate Nutrition	Nutrition	HHC
Risk of Injury and Compromised Performance Due to EVA Operations	EVA	HHC
Risk of Orthostatic Intolerance During Re-Exposure to Gravity	OI	HHC
Risk of Performance and Behavioral Health Decrements Due to Inadequate Cooperation, Coordination, Communication, and Psychosocial Adaptation within a Team	Team	BHP
Risk of Performance Decrements and Adverse Health Outcomes Resulting from Sleep Loss, Circadian Desynchronization, and Work Overload	Sleep	BHP
Risk of Reduced Physical Performance Capabilities Due to Reduced Aerobic Capacity	Aerobic	HHC

1 Page size: 50 17 items in 1 pages

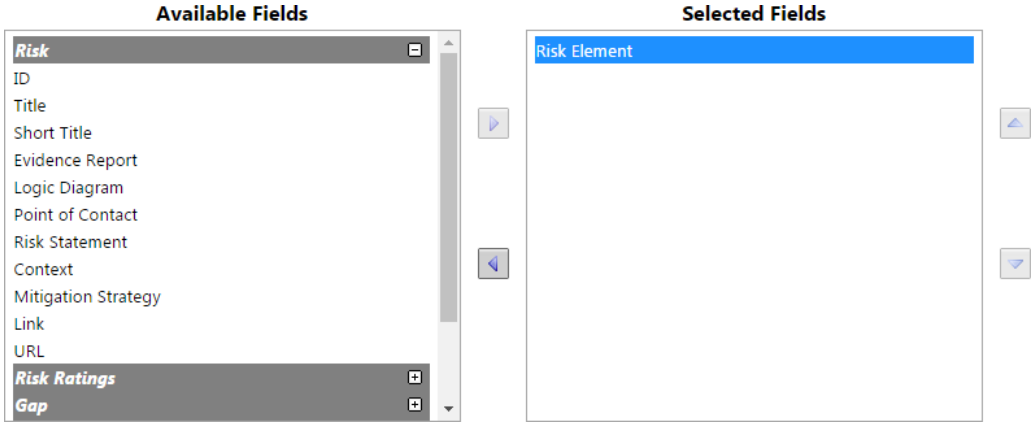
The Excel icon at the top-right corner of the results grid will export the set of results into an Excel spreadsheet which will be downloaded to your computer.

Basic Walkthrough: Report Graphs

In this section, we'll describe how to create graphs of all Risks grouped by Element.

Field Selection

For this report, we only need to select the *Element* field from the *Risk* section of the Available Fields list:

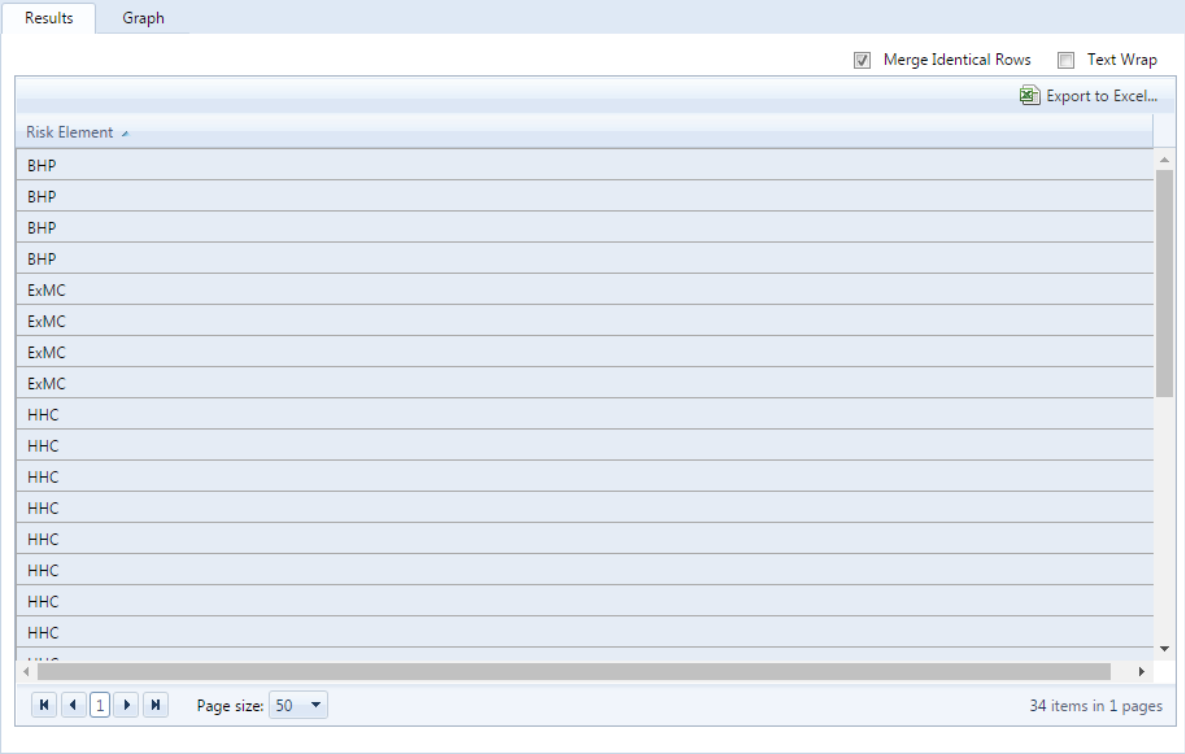


Filters

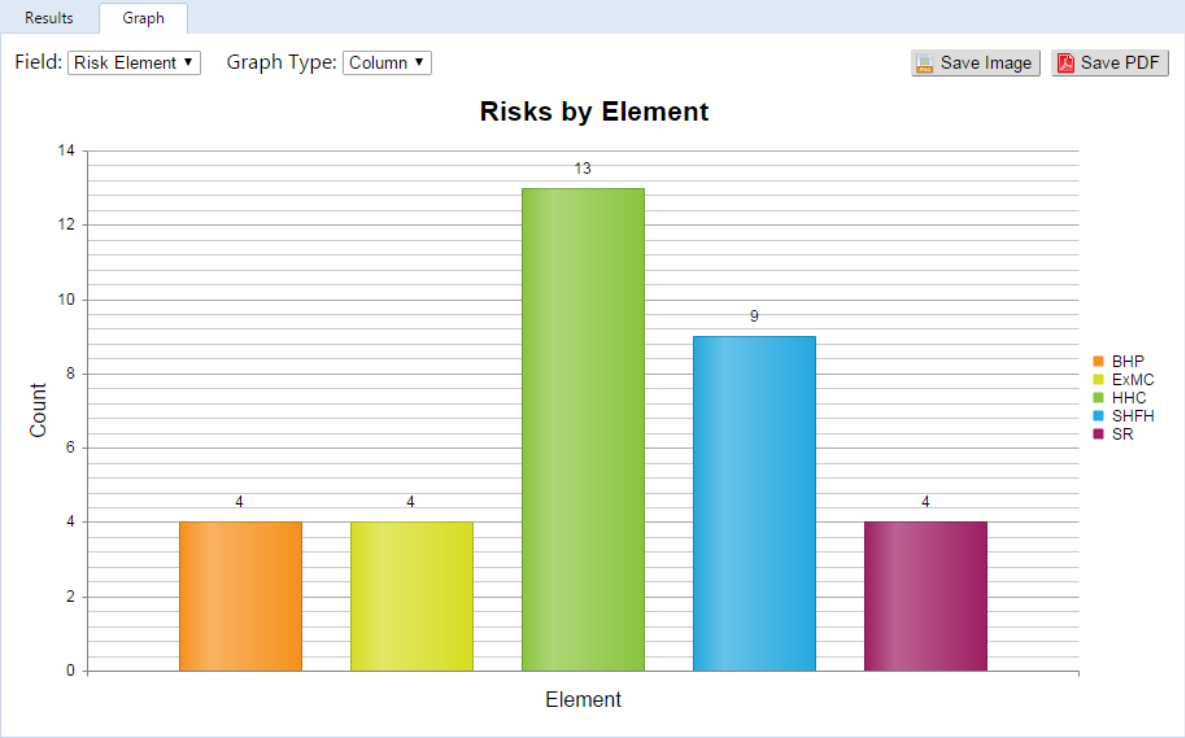
In this report, we will not be using any filters since we want information for every Risk.

Running the Report

Now that the field has been selected, click the *Run Report* button at the bottom of the page to run the report and display the results:



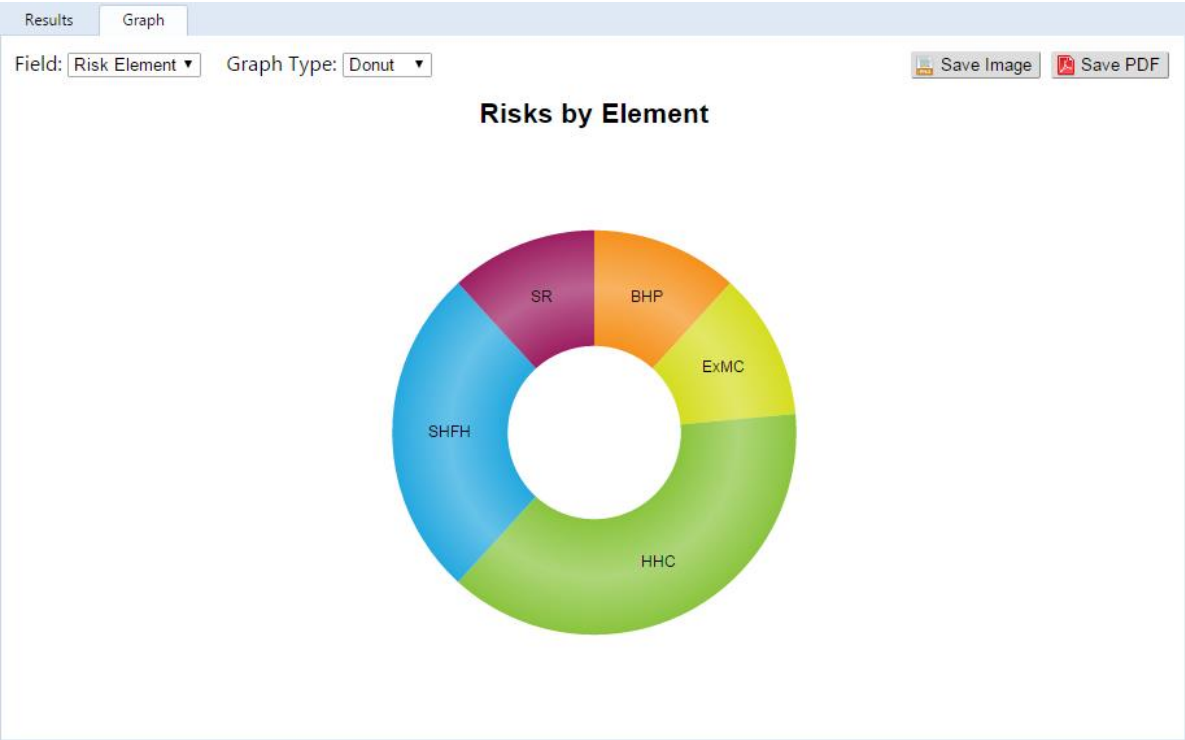
Above the list of results, click the Graph tab:



Note that only certain fields can be displayed as a graph:

- Fields that are based on a list of items, such as Elements
- Boolean fields (Yes/No values)
- Numeric fields

By default, the first "graphable" field is shown in a column graph. If other "graphable" fields were selected, you could use the Field dropdown to select them. The Graph Type dropdown can be used to change the type of graph displayed. Click the Graph Type dropdown and select Donut:



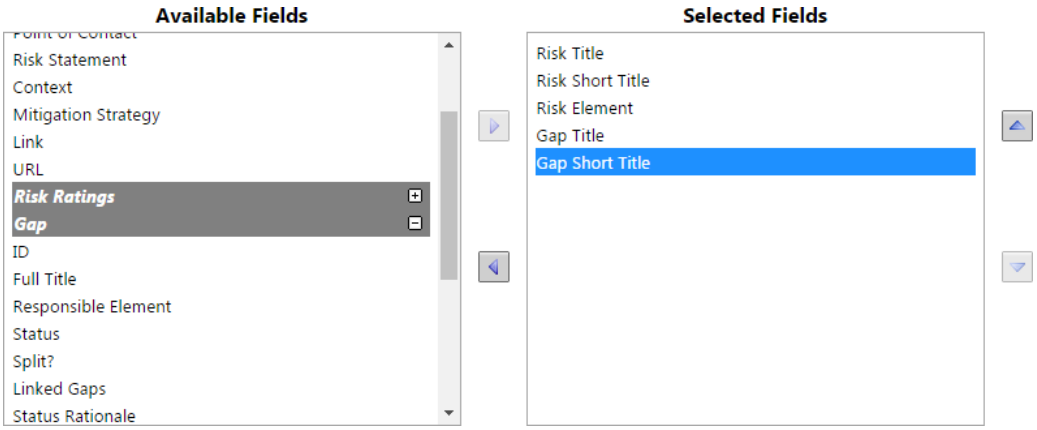
You can click the Save Image button at the top-right corner of the graph to save a picture of the graph as a PNG image. You can also click the Save PDF button to save the graph as a PDF document.

Intermediate Walkthrough: Item Relationships

In this section, we'll describe how to create and run a report that returns the Title, Short Title, and Element values for all Risks whose Element is *BHP* or *HHC* and whose Risk Statement contains *microgravity*, as well as the Title and Short Title values for their associated Gaps.

Field Selection

For this report, we need to select the *Title*, *Short Title*, and *Element* fields from the *Risk* section of the Available Fields list, as well as the *Title* and *Short Title* fields from the *Gap* section:

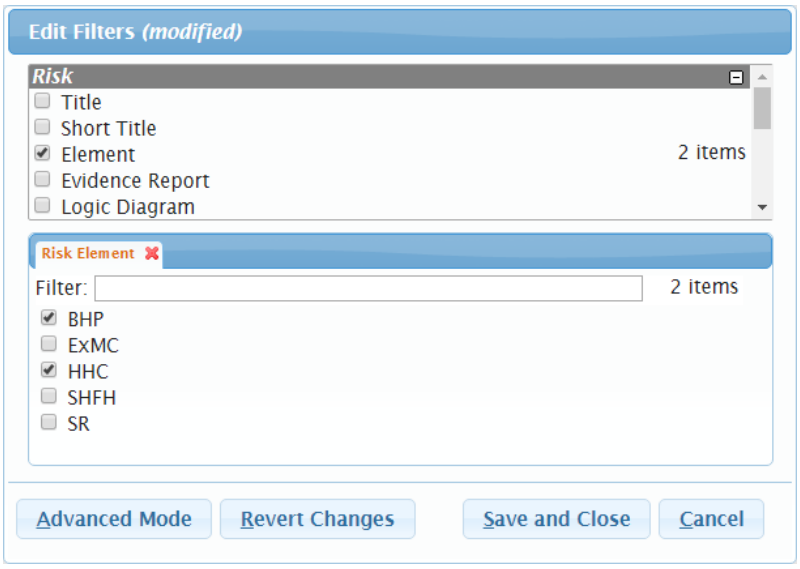


Filters

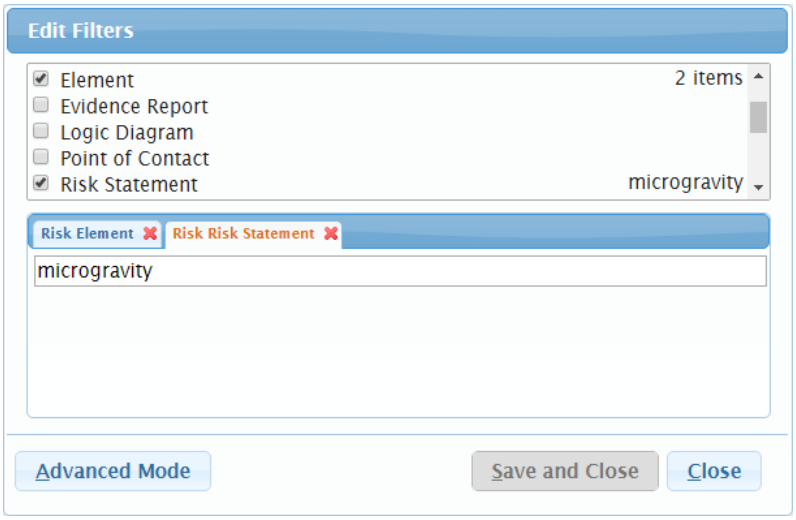
In this report, we'll use Basic Mode to add two filters:

- Risk Element is *BHP* or *HHC*
- Risk Statement contains *microgravity*

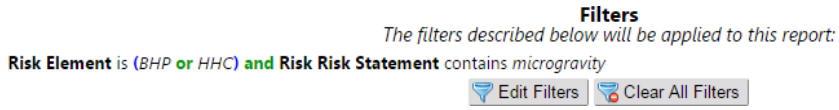
Click the *Edit Filters* button to bring up the *Edit Filters* dialog, click the *Element* field in the *Risk* section, and select the *BHP* and *HHC* options:



Next, click the *Risk Statement* field in the *Risk* section and enter *microgravity* in the new *Risk Risk Statement* tab that appears:



Click the *Save and Close* button to save the new filters:



Running the Report

Now that the fields have been selected and the filters have been applied, click the *Run Report* button at the bottom of the page to run the report and display the results:

Risk Title	Risk Short Title	Risk Element	Gap Title	Gap Short Title
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC	What are the in-flight alterations in cardiac structure and funct	CV1
			Can manifestations of sub-clinical or environmentally induced	CV8
			How are fluids redistributed in flight?	CV7
Risk of Impaired Performance Due to Reduced Muscle Mass, St	Muscle	HHC	Indentify adjuncts to exercise countermeasures that can be use	M14
			What is the current state of knowledge regarding exercise perf	M1
			Establish muscle fitness standards for successful completion of	M4
			Develop pre-flight and in-flight evaluations to determine if mu	M6
			Develop the most efficient exercise program for maintenance	M7
			Identify and validate exploration hardware for maintenance of	M9
			Characterize in-flight and post-flight muscle performance.	M2
			Determine if factors other than unloading contribute to muscle	M23
			Characterize the time course of changes in muscle protein turn	M24
			Determine if there are decrements in performance on function	SM7.1
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC		
			What is VO2max in-flight and immediately post-flight?	CV2
			We need to identify and validate countermeasures that promo	BMed1
			Identify and validate exploration hardware for maintenance of	A9

Each Risk matching the Element and Risk Statement filters is shown, along with each Gap belonging to each Risk. Notice that the Risk rows are merged across each set of Gaps. This feature works by merging *adjacent* rows together if they represent the same item. However, if we click the Gap Title column to sort by that field, the merging changes:

Merge Identical Rows Text Wrap

Export to Excel...

Risk Title	Risk Short Title	Risk Element	Gap Title	Gap Short Title
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC	Can manifestations of sub-clinical or environmentally induced	CV8
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Characterize in-flight and post-flight muscle performance.	M2
			Characterize the time course of changes in muscle protein turn	M24
			Determine if factors other than unloading contribute to muscl	M23
			Determine if there are decrements in performance on function	SM7.1
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC	Develop pre-flight and in-flight evaluations to determine if aer	A6
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Develop pre-flight and in-flight evaluations to determine if mu	M6
			Develop the most efficient exercise program for maintenance	M7
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC	Develop the most efficient exercise program for the maintenar	A7
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Establish muscle fitness standards for successful completion of	M4
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC	How are fluids redistributed in flight?	CV7
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC	Identify and validate exploration hardware for maintenance of	A9
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Identify and validate exploration hardware for maintenance of	M9
			Indentify adjuncts to exercise countermeasures that can be us	M14
Risk of Spaceflight-Induced Intracranial Hypertension/Vision Alt	VIIP	HHC	We do not know the etiological mechanisms and contributing	VIIP1
			We do not know whether ground-based analogs and/or mode	VIIP12

1 Page size: 50 23 items in 1 pages

Notice that Risks are now duplicated where they are not adjacent to each other. If we turn off the *Merge Identical Rows* checkbox, then each Gap row has its own Risk row:

Merge Identical Rows Text Wrap

Export to Excel...

Risk Title	Risk Short Title	Risk Element	Gap Title	Gap Short Title
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC	Can manifestations of sub-clinical or environmentally induced	CV8
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Characterize in-flight and post-flight muscle performance.	M2
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Characterize the time course of changes in muscle protein turn	M24
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Determine if factors other than unloading contribute to muscl	M23
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Determine if there are decrements in performance on function	SM7.1
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC	Develop pre-flight and in-flight evaluations to determine if aer	A6
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Develop pre-flight and in-flight evaluations to determine if mu	M6
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Develop the most efficient exercise program for maintenance	M7
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC	Develop the most efficient exercise program for the maintenar	A7
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Establish muscle fitness standards for successful completion of	M4
Risk of Cardiac Rhythm Problems	Arrhythmia	HHC	How are fluids redistributed in flight?	CV7
Risk of Reduced Physical Performance Capabilities Due to Redu	Aerobic	HHC	Identify and validate exploration hardware for maintenance of	A9
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Identify and validate exploration hardware for maintenance of	M9
Risk of Impaired Performance Due to Reduced Muscle Mass, Str	Muscle	HHC	Indentify adjuncts to exercise countermeasures that can be us	M14
Risk of Spaceflight-Induced Intracranial Hypertension/Vision Alt	VIIP	HHC	We do not know the etiological mechanisms and contributing	VIIP1
Risk of Spaceflight-Induced Intracranial Hypertension/Vision Alt	VIIP	HHC	We do not know whether ground-based analogs and/or mode	VIIP12

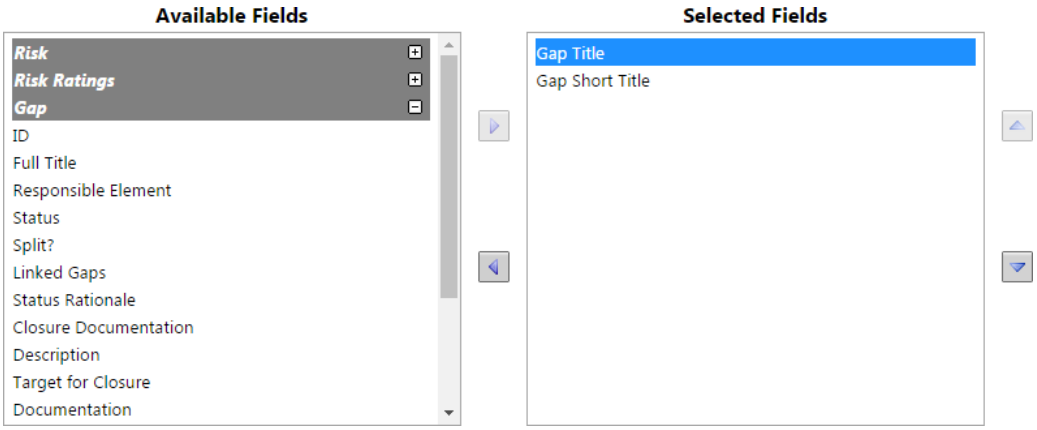
1 Page size: 50 23 items in 1 pages

Advanced Walkthrough: Intro to Advanced Filters

In this section, we'll describe how to create and run a report that returns the Title and Short Title values for all Gaps whose Short Title starts with *Acute*. This cannot be accomplished with a basic filter, so we will need to use Advanced Mode to create the appropriate filter.

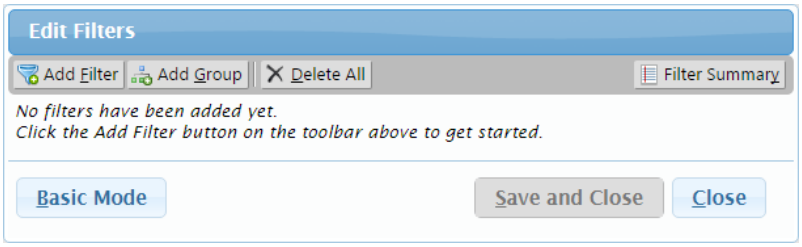
Field Selection

For this report, we need to select the *Title* and *Short Title* fields from the *Gap* section of the Available Fields list:

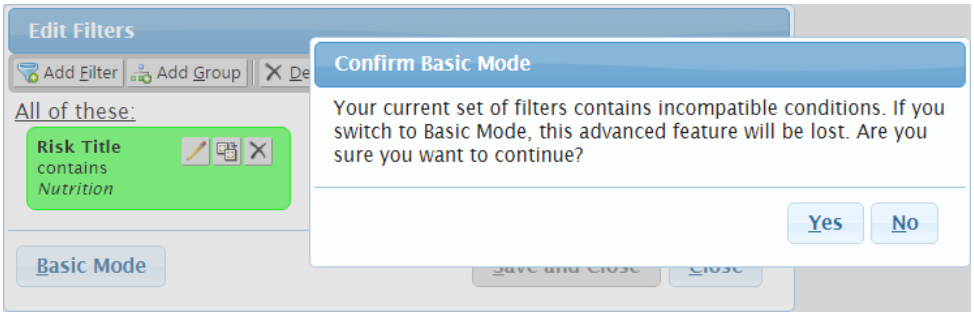


Filters

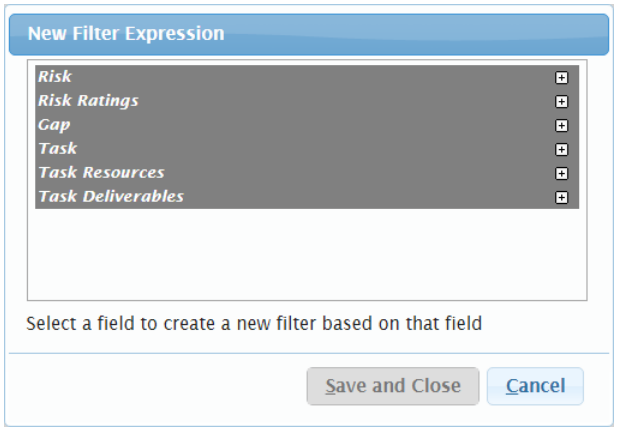
In this report, we'll need to use Advanced Mode to create our filter, since Basic Mode can only match selections from a list of options, not partial values. To edit the filters for a report in Advanced Mode, click the *Edit Filters* button in the Filters section to open the *Edit Filters* dialog, then click the *Advanced Mode* button at the bottom of the dialog to switch to Advanced Mode:



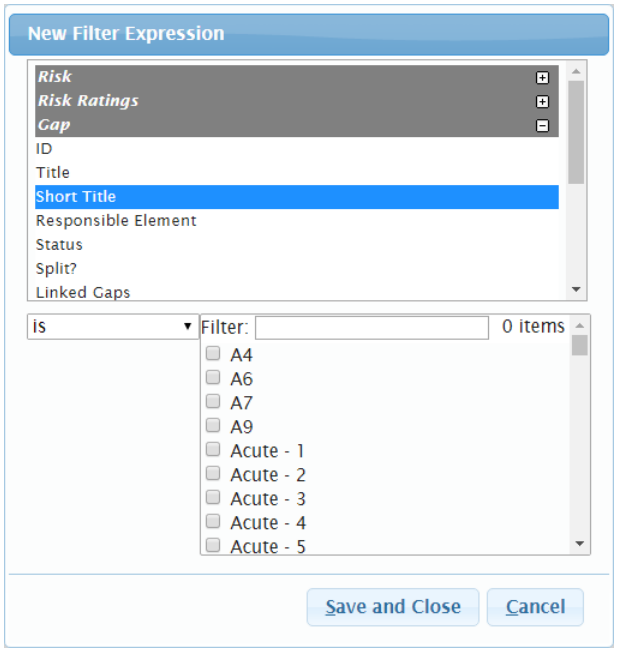
By default, clicking *Edit Filters* will bring up the *Edit Filters* dialog in Basic Mode unless you have advanced-only filters defined, in which case it opens in Advanced Mode. You can click the *Basic Mode* button at the bottom of the dialog to switch back to Basic Mode, but if you have any advanced-only filters defined you will be warned that these filters will be lost when switching to Basic Mode:



The toolbar at the top of the dialog allows you to add a new filter, a new group of filters (this will be covered later in this document), delete all filters, and view a filter summary (similar to the summary displayed in the Filters section on the main Reports page). To create our filter, click the *Add Filter* button to open the *New Filter Expression* dialog:



This dialog displays a list of all filterable fields separated into categories similar to other parts of the Reports tool; note that this list contains more fields than Basic Mode for fields that can't be matched against a list of options. To create our filter, expand the *Gap* category and select the *Short Title* field:



By default, this new filter uses the *is* operator to match against a list of all known Gap Short Titles, similar to how Basic Mode works. Text-based fields like Gap Short Title can use the following operators:

- *is*: field value must match any one of a selected list of options
- *is not*: field value must **not** match any one of a selected list of options
- *contains*: field value must contain the given text
- *does not contain*: field value must **not** contain the given text
- *starts with*: field value must start with the given text
- *ends with*: field value must end with the given text
- *is empty*: field value must be empty
- *is not empty*: field value must **not** be empty

Note: Fields that contain rich (formatted) text (such as Risk Statement) default to the contains operator, but are able to use the rest.

Fields that are restricted to a particular set of options (such as Task Submission Status) can only use the *is*, *is not*, *is empty*, or *is not empty* operators.

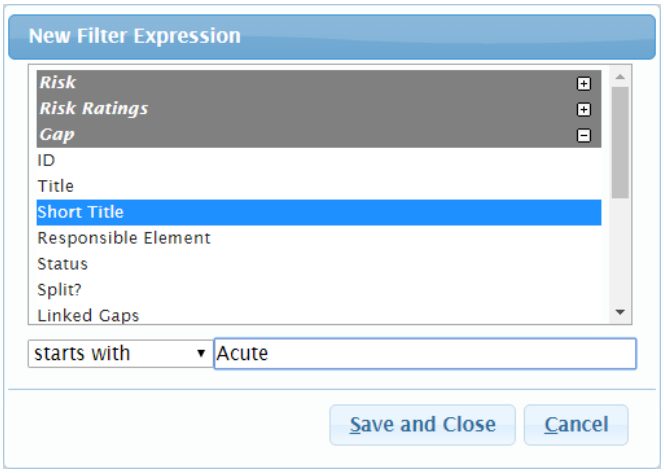
Note: Fields that support multiple selections (such as having multiple Collaborating Orgs assigned to a Task) will match if at least one of the field values matches.

Numeric fields (such as Task Book or Task Resources Flight Resources Number of Subjects) can use the following operators:

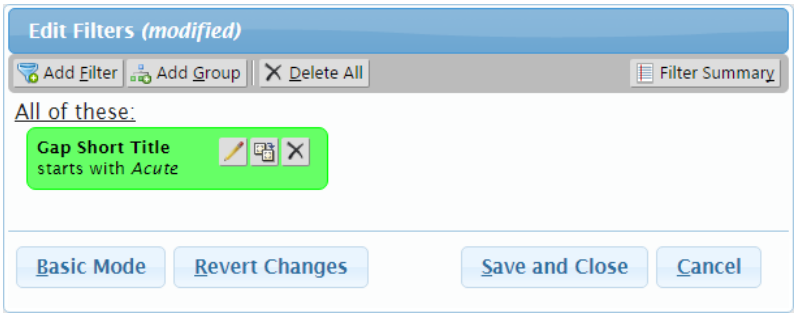
- *equals*: field value must equal the given number (this is the default operator)
- *does not equal*: field value must **not** equal the given number
- >: field value must be greater than the given number
- <: field value must be less than the given number
- >=: field value must be greater than or equal to the given number
- <=: field value must be less than or equal to the given number
- *is between*: field value must be between the given numbers (can also be equal to either number)
- *is not between*: field value must **not** be between the given numbers (**cannot** be equal to either number)

True/false fields (such as Task Resources Flight Resources Required?) have only two operators, *is true* and *is false*.

In this walkthrough, we need to find Short Titles that start with *Acute*, so change the operator dropdown from *is* to *starts with*:

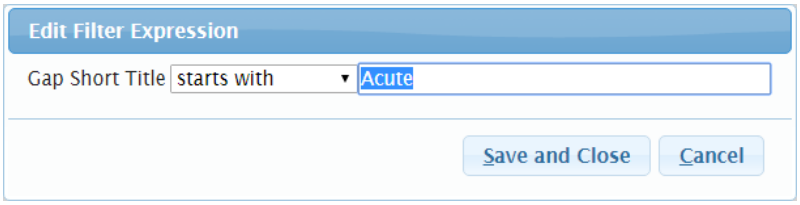


The list of Gap Short Title options is replaced with a textbox where we can type *Acute*. This value is not case-sensitive, so entering *acute* will work as well. Now that we have specified that we want Gaps where the Short Title starts with *Acute*, click the *Save and Close* button to create the filter:



The newly created filter is shown as a green box containing a description of the filter and a set of buttons:

- - Click to edit the filter expression using the *Edit Filter Expression* dialog:

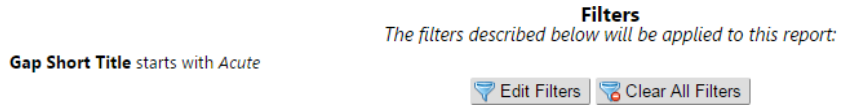


  This dialog is similar to the *New Filter Expression* dialog except that the field cannot be changed.

- - Click to create a copy of the filter expression, opening the *New Filter Expression* dialog with the filter's current values selected by default.
- - Click to delete the filter expression.

There is also a new *All of these* link at the top of the dialog. By default, all filter expressions have to match in order for an item to be displayed in the results (this is also how Basic Mode works). If you click the *All of these* link, it changes to read *Any of these*, and an item will be displayed in the results if it matches **at least one** of the filter expressions.

Click the *Save and Close* button on the *Edit Filters* dialog to save the new filter to the report:



Running the Report

Now that the fields have been selected and the filter has been applied, click the *Run Report* button at the bottom of the page to run the report and display the results:

Merge Identical Rows Text Wrap

Export to Excel...

Gap Title	Gap Short Title
Determine the dose response for acute effects induced by SPE-like radiation, including synergistic effects arising from other spaceflight factors (e.g. alt	Acute - 1
How can Probabilistic risk assessment be applied to SPE risk evaluations for EVA, and combined EVA+IVA exposures ?	Acute - 8
What are the most effective biomedical or dietary countermeasures to mitigate acute radiation risks?	Acute - 7
What are the most effective shielding approaches to mitigate acute radiation risks, how do we know, and implement? (Closed. Transferred to Operatio	Acute - 6
What are the optimal SPE alert and dosimetry technologies? (Closed. Technology maturation transferred to Advanced Exploration Systems)	Acute - 5
What are the probabilities of hereditary, fertility, and sterility effects from space radiation?	Acute - 4
What quantitative procedures or theoretical models are needed to extrapolate molecular, cellular, or animal results to predict acute radiation risks in as	Acute - 2

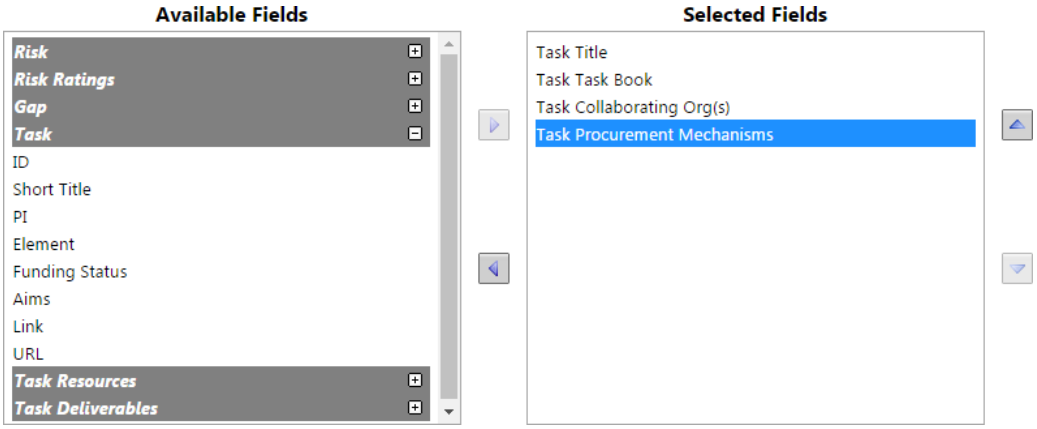
1 Page size: 50 7 items in 1 pages

Advanced Walkthrough: Filter Expression Groups

In this section, we'll describe how to create and run a report that returns the Title, Task Book, Collaborating Orgs, and Procurement Mechanisms values for all Tasks with a Task Book ID and either A) has *Human Health Countermeasures* as a Collaborating Org or B) has *Directed* as a Procurement Mechanism.

Field Selection

For this report, we need to select the *Title*, *Task Book*, *Collaborating Org(s)*, and *Procurement Mechanisms* fields from the *Task* section of the Available Fields list:

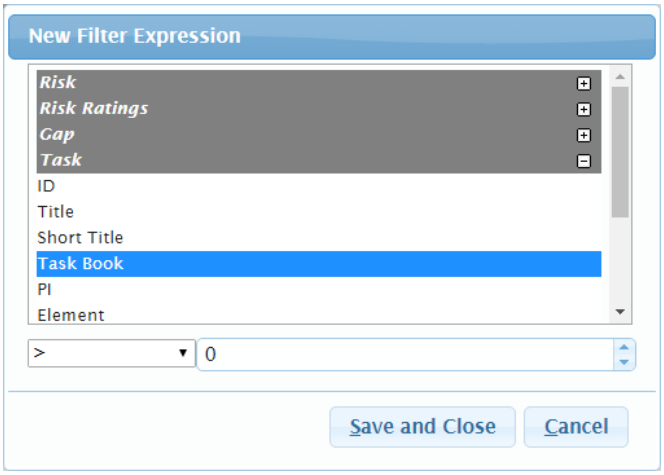


Filters

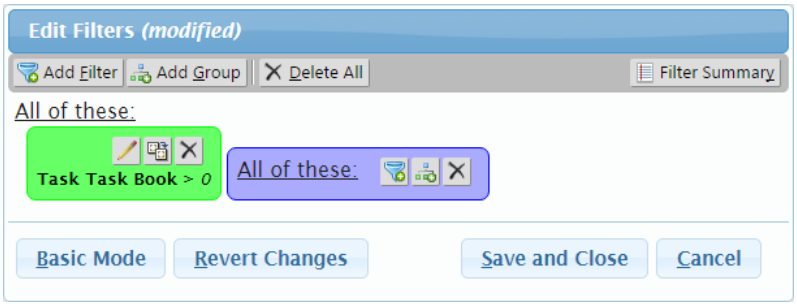
In this report, we'll use Advanced Mode to add three filters:

1. Task Book is greater than *0*
2. Task Collaborating Org(s) is *Human Health Countermeasures* (this field supports multiple selections, so as long as a Task has *HHC* as one of its Collaborating Orgs then it will match)
3. Task Procurement Mechanisms is *Directed* (same note as above)

In this walkthrough, however, the tasks returned in the results have to match filter #1, and either filter #2 **or** filter #3. To accomplish this, we will put filters #2 and #3 in a separate group. Click the *Edit Filters* button to bring up the *Edit Filters* dialog, click the *Advanced Mode* button to switch to Advanced Mode, click the *Add Filter* button, expand the *Task* category and select the *Task Book* field, change the selected operator from *equals* to >, and enter *0* in the textbox:



Click *Save and Close* to finish creating filter #1. Next, in the *Edit Filters* dialog, click the *Add Group* button on the toolbar to add a new filter expression group:

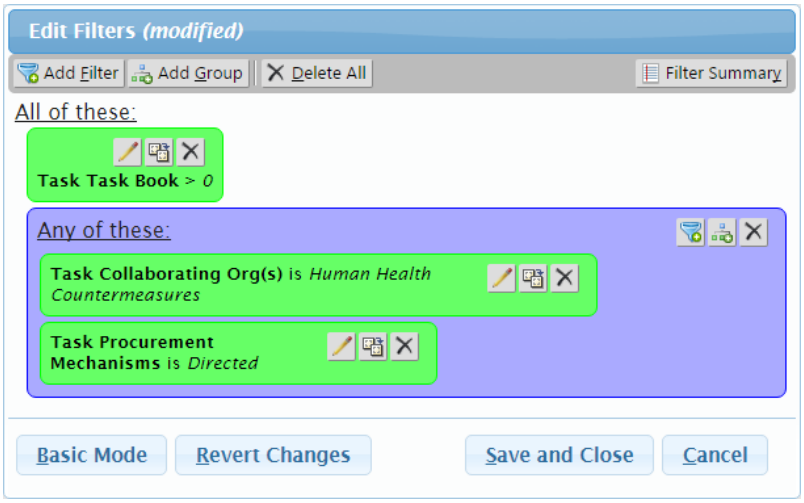


Filter expression groups are shown as blue boxes which can contain filter expressions (green boxes) or more groups. The newly created group is empty by default and has the following controls:

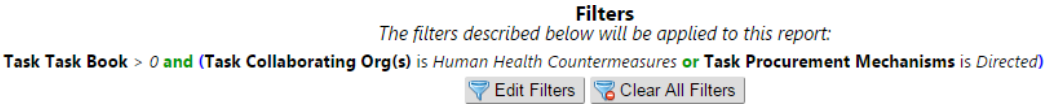
- *All of these* – This works the same as the *All of these* link in the main dialog. By default, all filter expressions in the group have to match in order for the group itself to match. If you click *All of these*, the link changes to *Any of these* and now the group will match as long as at least one filter expression inside it matches.
- - Click to add a new filter expression to the inside of the group.
- - Click to add a new group to the inside of the group. Groups can be nested as many times as you like.
- - Click to delete the group and everything inside of it.

Filter expressions and filter expression groups can be dragged between groups; the target group will be highlighted in yellow (or the main dialog itself, if the item is dragged outside of all groups).

To create filters #2 and #3 for this report, click the (*New Filter Expression*) button inside the newly created group, expand the *Task* category and select the *Collaborating Org(s)* field, select *Human Health Countermeasures*, and click the *Save and Close* button. Repeat these steps for filter #3, selecting the *Procurement Mechanisms* field in the *Task* category and selecting *Directed*. Finally, click the *All of these* link inside the group to change to *Any of these*, so that Tasks can match **either** filter expression to appear in the results:

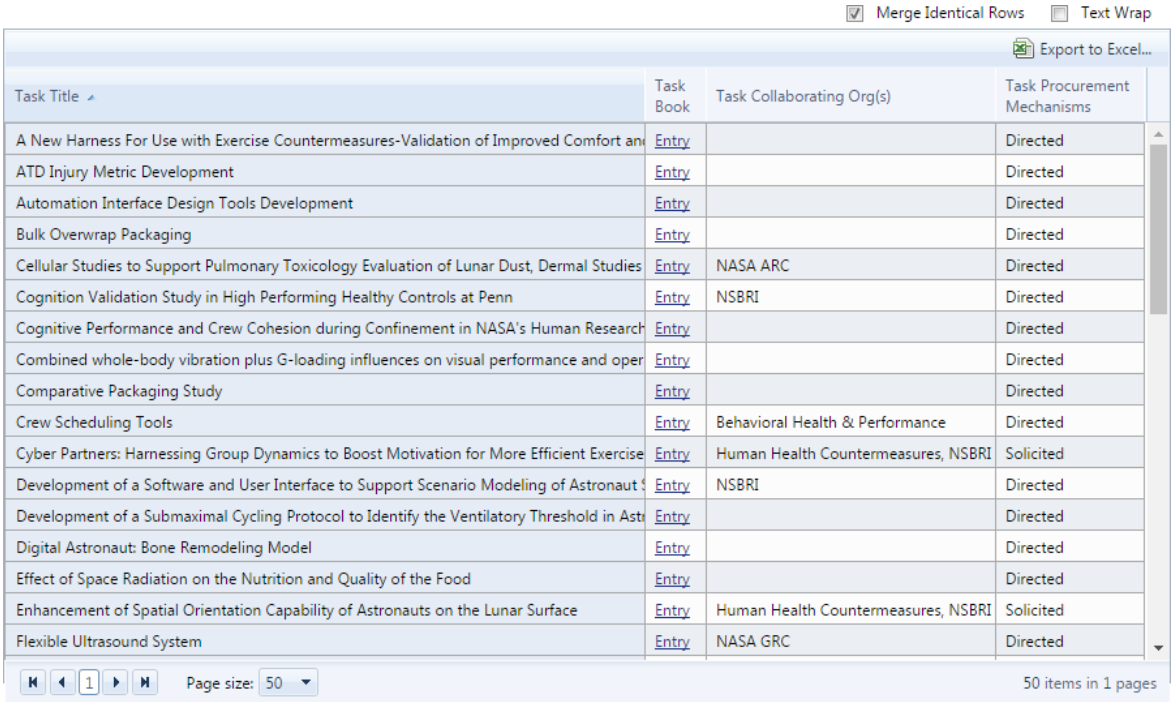


Click the *Save and Close* button on the *Edit Filters* dialog to save the new filters to the report:



Running the Report

Now that the fields have been selected and the filters have been applied, click the *Run Report* button at the bottom of the page to run the report and display the results:



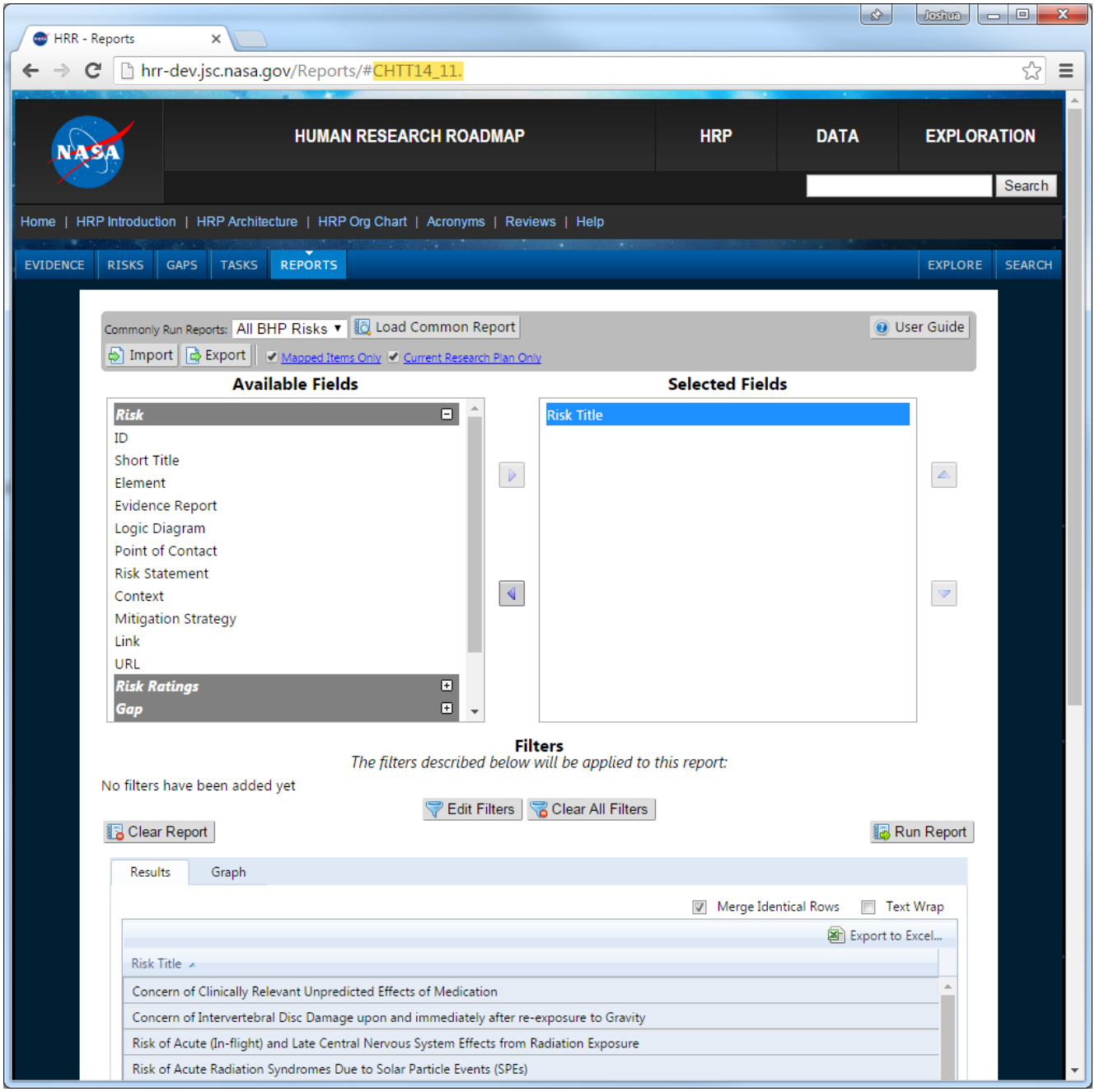
Task Title	Task Book	Task Collaborating Org(s)	Task Procurement Mechanisms
A New Harness For Use with Exercise Countermeasures-Validation of Improved Comfort an	Entry		Directed
ATD Injury Metric Development	Entry		Directed
Automation Interface Design Tools Development	Entry		Directed
Bulk Overwrap Packaging	Entry		Directed
Cellular Studies to Support Pulmonary Toxicology Evaluation of Lunar Dust, Dermal Studies	Entry	NASA ARC	Directed
Cognition Validation Study in High Performing Healthy Controls at Penn	Entry	NSBRI	Directed
Cognitive Performance and Crew Cohesion during Confinement in NASA's Human Research	Entry		Directed
Combined whole-body vibration plus G-loading influences on visual performance and oper	Entry		Directed
Comparative Packaging Study	Entry		Directed
Crew Scheduling Tools	Entry	Behavioral Health & Performance	Directed
Cyber Partners: Harnessing Group Dynamics to Boost Motivation for More Efficient Exercise	Entry	Human Health Countermeasures, NSBRI	Solicited
Development of a Software and User Interface to Support Scenario Modeling of Astronaut S	Entry	NSBRI	Directed
Development of a Submaximal Cycling Protocol to Identify the Ventilatory Threshold in Astr	Entry		Directed
Digital Astronaut: Bone Remodeling Model	Entry		Directed
Effect of Space Radiation on the Nutrition and Quality of the Food	Entry		Directed
Enhancement of Spatial Orientation Capability of Astronauts on the Lunar Surface	Entry	Human Health Countermeasures, NSBRI	Solicited
Flexible Ultrasound System	Entry	NASA GRC	Directed

Managing Reports

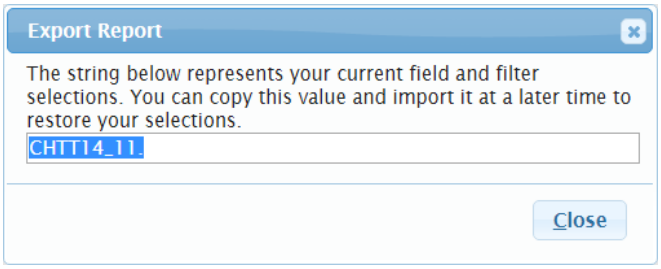
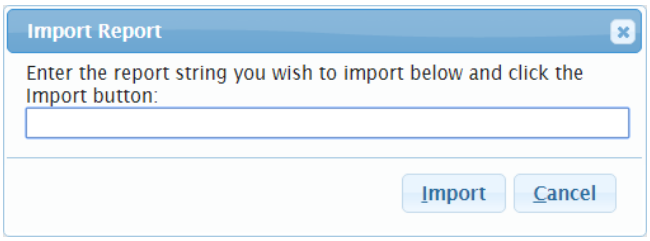
Once you've built a report, you can easily save that report's definition for future use or for sharing with other users.

Import and Export

The Import/Export method uses a string of characters to represent a report's field and filter selections. You can see an example of this in the page URL after clicking Run Report:



The yellow highlighted text in the address bar is the exported representation of the report definition. If you copy and paste the entire URL into another browser, the same report will be displayed and run. The export string can also be accessed by clicking the Export button on the toolbar:



To load an export string back into the Reports page, click the Import button on the toolbar and enter the export string: