

## Add Nested Filters

ACE Reports

April 2024



U.S. Customs and Border Protection





## INTRODUCTION

Adding Nested Filters allows complex filtering in a query statement. They create a complex filter by adding multiple levels of logical statements. The two nested filter operators are AND and OR. The **AND** operator requires results to match all the filter objects and constrains the data in the query. The **OR** operator returns results that match any of the filter objects and allows for expansion of the results.



**NOTE**: As items are dragged into the report table, it is very important to pay attention to the tooltip that displays the action and location for the data object.

## ADD NESTED FILTERS

- 1. Open a Report.
- 2. Select **Design** mode.
- 3. In **Design** mode, in the **Query** tab, select the **Edit** icon  $\overline{\mathbb{B}}$ .



The Query Panel displays.

		Query Panel	53
Add Query         ▼         ■         ≥         ∅         ∅	٦		
Query 1 🗸			~
Cargo Release Type here to filter the tree  Additional Objects Entry  Candignee Name Consignee Name Consignee Number Contry of Origin Code Country of Origin Code Country of Origin Code	~ ( 任 C ) ~	Result Objects          \$, x          \$, x	→
Country of Origin Name  First-Time Number  Line Value - Dimension  Line Value - Measure  First-Time Commodity Indicator  First-Time Country Indicator  First-Time Country Indicator  HTS Description  HTS Long Description	I > <	Ouery Filters	[∓ ;you
<ul> <li>HTS Number - First 2</li> <li>HTS Number - First 4</li> <li>HTS Number - First 6</li> <li>HTS Number - First 8</li> <li>HTS Number - First 8</li> </ul>			
		Run Apply and Close 0	ancel

4. If necessary, drag and drop object(s) to the Query Filters area.







5. Select the **Nested Filter** icon  $\square$ .

The **OR** operator displays in **Query Filters**.

	Result Objects	₽,	×	Ŵ	$\leftarrow \rightarrow$
$\rightarrow$	🚽 🔶 HTS Number - Full 🛛 🗍 HTS Number - First 2 🖓 HTS Description 🛛 📌 Port of Entry Code 🛞 🗇 Port of Entry Name				
<	😴 Number of Entries 😤 Entry Date 🗣 Entry Date - Year Month (Calendar)				
	Query Filters	×	Ŵ	↑	↓ [7]
>	AND Port of Entry Code In List V Type a constant				



**NOTE**: The **OR** operator is added below the query filter object that is currently selected when you select the **Nested Filter** icon  $\square$ .

- 6. If necessary, double-click the **OR** operator to display an **AND** operator.
- 7. Drag and drop objects to the right of the nested filter operator.



**NOTE**: You can also move objects up or down by using the  $\uparrow \downarrow$  icons. You can remove objects by using the **Remove All** icon or the x icon of an individual object.

	Query F	ilters	 $\mathbf{\nabla}$	×	Ŵ	↑	$\downarrow$	[7
		Entry Date In List V mm/dd/yyyy 📰 🗮						
<	AND	Image: specific constant     Image: specific constant     Image: specific constant						
		→     Port of Entry Code     In List     ✓     Type a constant						

8. Select the Apply and Close button.



The Query Panel closes and the report displays with no data.

- 9. **Save** the report.
- 10. **Refresh** C the report.



