

Channel Portfolio Tool

Module 2: Filters and Selections

<https://cpt.usace.army.mil>

K. Ned Mitchell, PhD

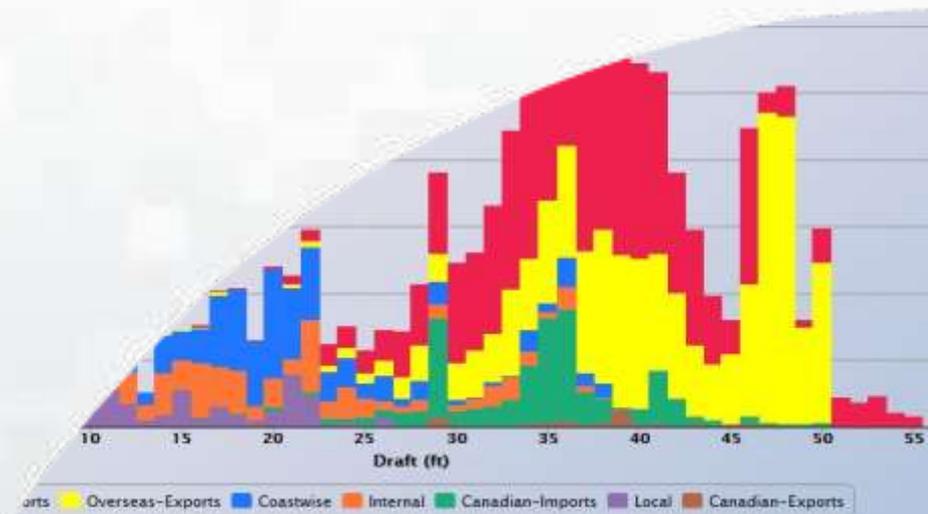
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US Army Corps of Engineers

Module Topics

- Filters and selections panel
- Filters for Grid, Charting, and GIS Calculation/Display panel
- Live demo / follow along on your own computer
- How to zoom in on a graph
- Exporting query results and viewing results in Excel
- Saving filters and locations from a single query using the Query Saver function

This is the Preferences page, it is the starting page for a query.
This page is where you set query filters and certain display options.

Welcome: Marin Kress (marinkre)

Query Saver Preferences Locations Reports Admin CSMART Home Profile Log Off Help

Continue

Filters and Selections

Network

Network: Custom Ombil

Docked: Docked Transit (Docked + Thru)

Flow Docked: Docked Transit (Docked + Thru)

Channel Conditions

System

Direction

Commodity Year

Vessel Type

Traffic

Commodity Draft

Commodity

Budget Years

Type Fund

Grid, Charting, and GIS Calculation/Display

Commodity Details

Group By: Draft System Vessel Type Traffic

Order Grid By: Trips Tons Dollars

Order Chart By: Trips Tons Dollars Chart Dependent

Year Rollup: Details By Year Years Summed Years Averaged

Top N Locations: 15

Top N Commodities: 5

Show Columns: Ton Miles Dollar Miles System Ton Miles System Dollar Miles

Work Package Details

Budget Details

X-Axis

Y-Axis

GIS

Continue

Filters and Selections

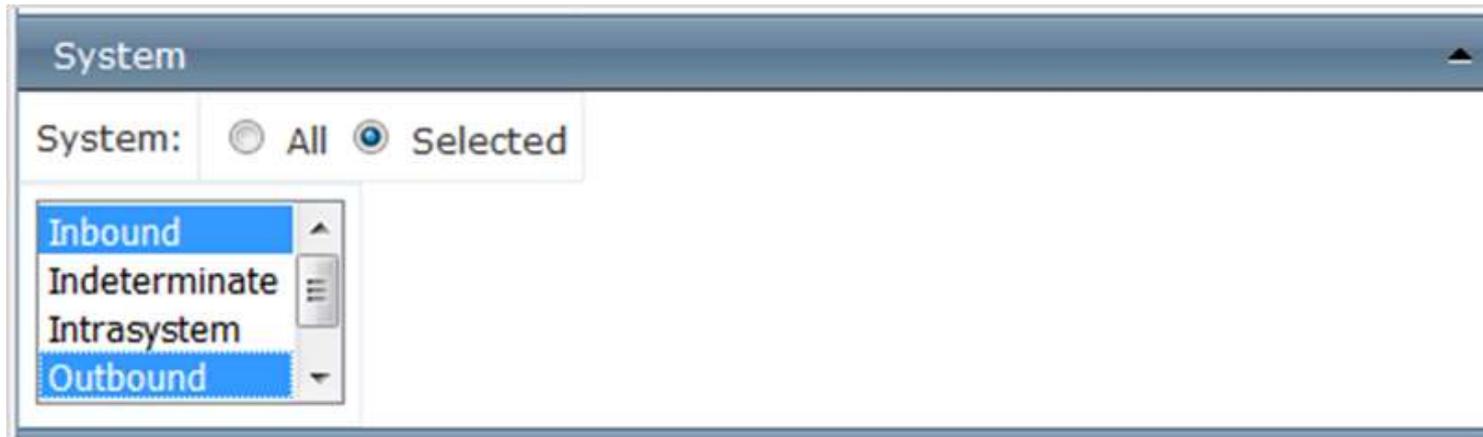
Network	
Network:	<input checked="" type="radio"/> Custom <input type="radio"/> Ombil
Docked:	<input type="radio"/> Docked <input checked="" type="radio"/> Transit (Docked + Thru)
Flow Docked:	<input type="radio"/> Docked <input checked="" type="radio"/> Transit (Docked + Thru)

- Custom = national waterway network, no budget data
- Ombil = (slight misnomer) really means CWIS-informed
 - Budget data covered in a later module*
- Docked, used for Rankings and Rollup calculations
 - Docked = Counts only tonnage that actually docks within a given reach
 - Transit = Includes both docked tonnage and through traffic in the selected reaches
- Flow Docked, tells you every reach that handled any tonnage that your selected reaches handled
 - Docked = Limits query to origin or destination reach for tonnage
 - Transit = Includes both docked and through traffic in the results

Channel Conditions	
Limiting Depth:	<input type="radio"/> Default <input checked="" type="radio"/> User-Defined
Conditions:	<input checked="" type="radio"/> Current <input type="radio"/> Historic
Shoaling:	<input type="radio"/> Enable <input checked="" type="radio"/> Disable

Users should keep the default selections for the Channel Conditions filter unless specifically interested in shoaling impact scenarios.

Shoaling scenarios is covered in a separate module



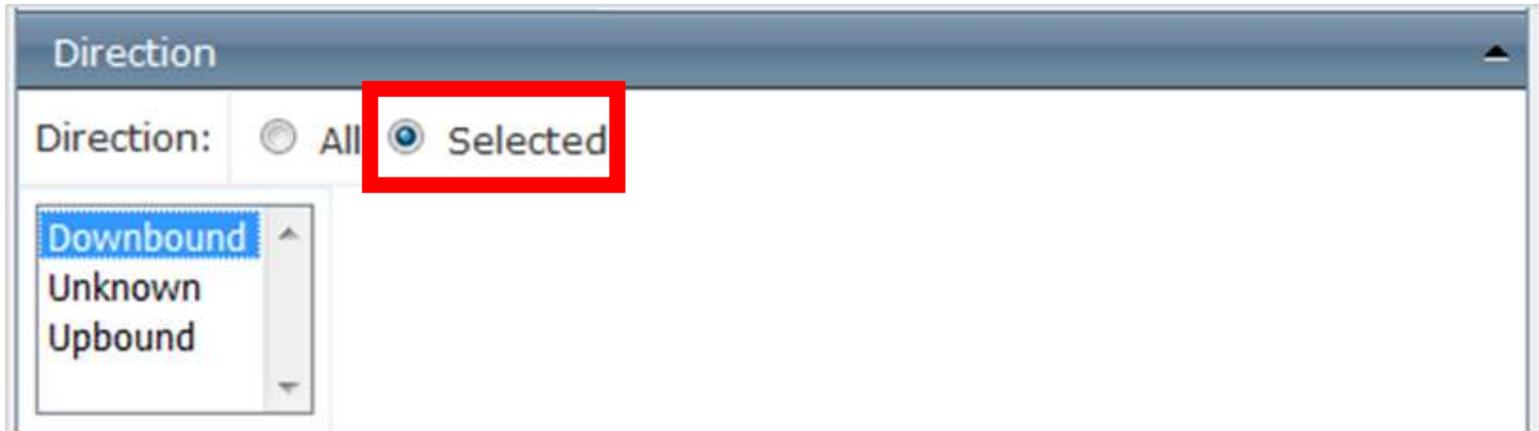
Inbound: Cargo that enters a waterway and will offload there

Indeterminate: Unknown, potentially because of missing data

Intrasystem: Traffic that gets on and off the water within the location areas selected
(Users select the specific areas under the LOCATIONS page)

Outbound: Traffic that is entering the water and leaving the area

Through: Traffic that is passing through a channel, not stopping at a port

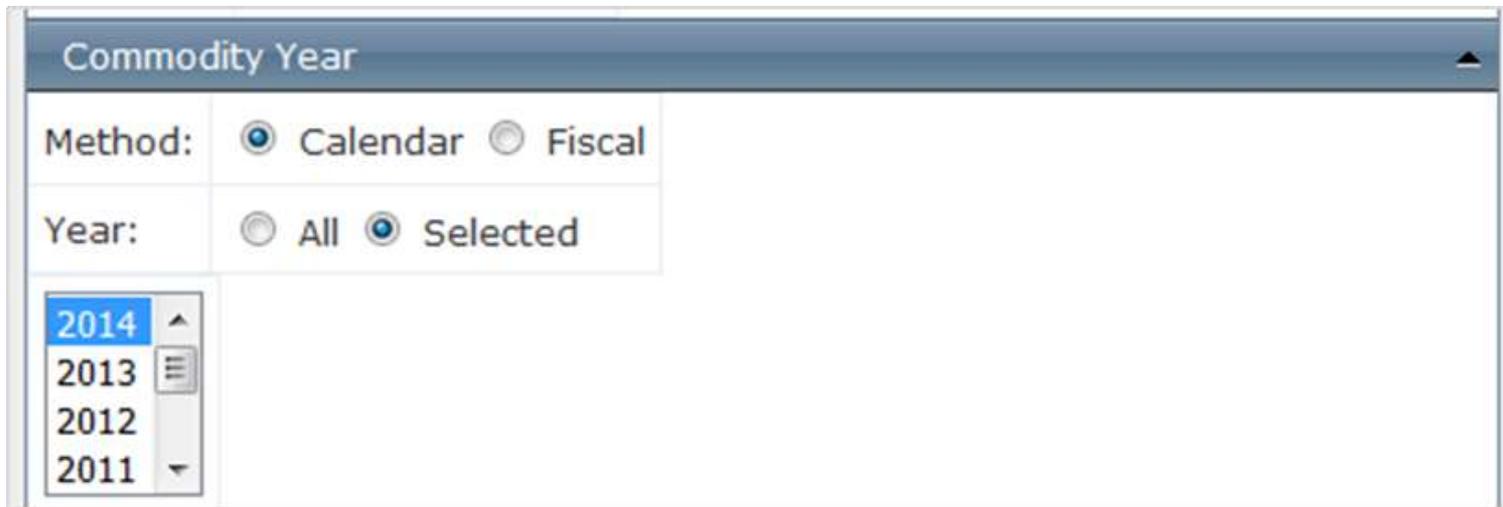


Downbound : This designation is specific mostly to rivers with an obvious flow direction

Some ports use the upbound/downbound designation for traffic control within a port area.

Unknown : Traffic moving in an unknown direction

Upbound : Traffic moving upriver



Default setting: most recent year only

Note that you can select Calendar Year or Fiscal Year

Hold down the Ctrl key to select multiple years

When selecting multiple years ask yourself:

Will I want my results as an average for all years, summed across all years, or details by year?

There is a separate radio button to select one those options on another part of the Preferences page.

Vessel Type	
Shipment:	<input checked="" type="radio"/> All <input type="radio"/> Containerized <input type="radio"/> Non-Containerized
Vessel Type:	<input checked="" type="radio"/> All <input type="radio"/> Selected

Vessel Type	
Shipment:	<input checked="" type="radio"/> All <input type="radio"/> Containerized <input type="radio"/> Non-Containerized
Vessel Type:	<input type="radio"/> All <input checked="" type="radio"/> Selected

- Rafted Logs
- Self-Propelled Dry
- Tanker
- Towboat

Hold Ctrl key to select multiple vessel types

- Dry Cargo Barge
- Liquid Barge
- Other (Cranes, etc.)
- Rafted Logs
- Self-Propelled Dry
- Tanker
- Towboat

Selecting for Containers Vs. Bulk Cargo

To select **only** container ship traffic:

Shipment: **Containerized**

Vessel type: **Self-Propelled Dry**

Vessel Type

Shipment: All Containerized Non-Containerized

Vessel Type: All Selected

Rafted Logs

Self-Propelled Dry

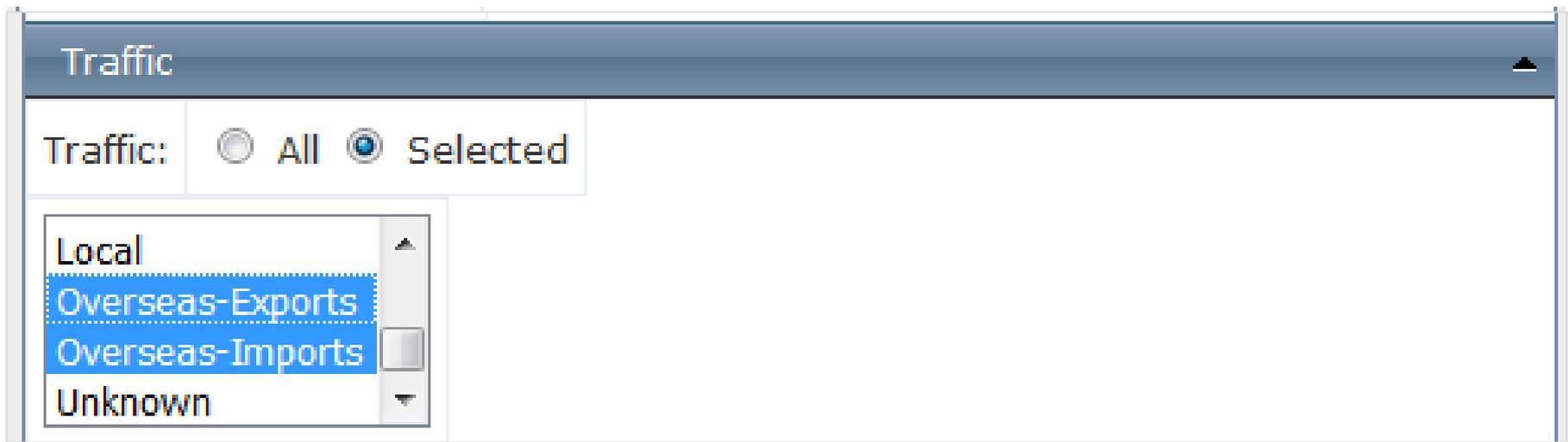
Tanker

Towboat

To select **only** Dry Bulk cargo

Shipment: **Non-Containerized**

Vessel type: **Self-Propelled Dry**



Canadian-Exports: Exclusive to U.S. Exports **to** Canada. *This traffic NOT included in Overseas-Exports*

Canadian-Imports: Exclusive to U.S. Imports **from** Canada. *This traffic NOT included in Overseas-Imports*

Coastwise: from one U.S. port to another via deepwater

Ferry: Historical category, no longer used

Internal: Barge traffic on rivers, but also for areas like GIWW and Long Island Sound that might be considered internal.

Intra-Territory: involving Puerto Rico and the U.S. Virgin Islands

Intransit-Exports: a catch-all category

Intransit-Imports

Lakewise: Domestic traffic between U.S. Great Lakes ports

Local: Traffic within a port

Overseas-Exports: international shipments, non-Canadian

Overseas-Imports: international shipments, non-Canadian

Unknown

Tip: Users interested in deep-draft tonnage commonly select the following three traffic types:

- Coastwise
- Overseas-Exports
- Overseas-Imports

Commodity Draft

Draft: All Selected

This filter allows users to specify a vessel draft (ft) range in the query.

Commodity Draft

Draft: All Selected

Minimum Draft: 35.00

Maximum Draft: 50.00

Commodity	
Value:	<input type="radio"/> National Avg. <input checked="" type="radio"/> Regional (If N/A, default is National Avg.)
Commodity Level:	<input type="radio"/> 1-Digit <input checked="" type="radio"/> 2-Digit <input type="radio"/> 4-Digit <input type="radio"/> 5-Digit
Commodity:	<input checked="" type="radio"/> All <input type="radio"/> Selected

This filter allows users to limit their query to specific commodity groups as defined by Waterborne Commerce Statistics Center (WCSC).

The broadest commodity level is 1-Digit specificity, the greatest level of commodity detail included in CPT data is the 5-Digit level.

A cross-reference file for commodity codes is available at:
<http://www.navigationdatacenter.us/data/datacomm.htm>

Commodity

Value: National Avg. Regional (If N/A, default is National Avg.)

Commodity Level: 1-Digit 2-Digit 4-Digit 5-Digit

Commodity: All Selected

- Units (Ferried Autos, Passengers, Railway Cars) (0)
- Coal, Lignite & Coal Coke (1)
- Petroleum and Petroleum Products (2)
- Chemicals and Related Products (3)
- Crude Materials, Inedible Except Fuels (4)
- Primary Manufactured Goods (5)
- Food and Farm Products (6)
- All Manufactured Equipment, Machinery and Products (7)
- Waste Material; Garbage, Landfill, Sewage Sludge, Waste Water (8)
- Unknown or Not Elsewhere Classified (9)
- Light Load (10)

Click on the plus sign to expand a Commodity menu

Commodity

Value: National Avg. Regional (If N/A, default is National Avg.)

Commodity Level: 1-Digit 2-Digit 4-Digit 5-Digit

Commodity: All Selected

- Units (Ferried Autos, Passengers, Railway Cars) (0)
- Coal,Lignite & Coal Coke (1)
- Petroleum and Petroleum Products (2)
- Chemicals and Related Products (3)
- Crude Materials, Inedible Except Fuels (4)
- Primary Manufactured Goods (5)
- Food and Farm Products (6)
- Fish (61)
- Wheat (62)
- Corn (63)
- Barley, Rye, Oats, Rice and Sorghum Grains (64)
- Oilseeds (Soybean, Flaxseed and Others) (65)
- Vegetable Products (66)
- Animal Feed, Grain Mill Products, Flour, Processed Grains (67)
- Other Agricultural Products; Food and Kindred Products (68)
- All Manufactured Equipment, Machinery and Products (7)
- Waste Material; Garbage, Landfill, Sewage Sludge, Waste Water (8)
- Unknown or Not Elsewhere Classified (9)
- Light Load (10)

Check that the radio button for Commodity Level matches the level of detail you select in the Commodity menu.

If you want 5-digit commodity specificity in your query results, click the 5-Digit radio button.

Commodity▲

Value: National Avg. Regional (If N/A, default is National Avg.)

Commodity Level: 1-Digit 2-Digit 4-Digit 5-Digit

Commodity: All Selected

Units (Ferried Autos, Passengers, Railway Cars) (0)

Coal,Lignite & Coal Coke (1)

Petroleum and Petroleum Products (2)

Crude Petroleum (21)

Gasoline, Jet Fuel, Kerosene (22)

Gasoline (2211)

Kerosene (2221)

Kerosene (Including Kerosene Type Jet Fuel) (33421)

Tip: make sure the Commodity Level radio button matches the level of Commodity detail you need for your results

Filters for USACE budget related queries

Must have the **Network filter** set to “**Ombil**” for this type of query to show results.

Filters and Selections

Network

Network:	<input type="radio"/> Custom	<input checked="" type="radio"/> Ombil
Docked:	<input type="radio"/> Docked	<input checked="" type="radio"/> Transit (Docked + Thru)
Flow Docked:	<input type="radio"/> Docked	<input checked="" type="radio"/> Transit (Docked + Thru)

Budget Years: filter allows users to include USACE budget info, currently through 2013.
Data under this filter is not yet on a regular update schedule

Budget Years

Year: All Selected

Budget Years

Year: All Selected

2013
2012
2011
2010

'Type Fund' data includes only monies that were given a presidential budget rank of '1', which means they got funding. Any supplemental funds are not captured in the database.

Type Fund

Type Fund: All Selected

Type Fund

Type Fund: All Selected

- Mississippi River & Tributaries Construction (MRT-C)
- Mississippi River & Tributaries Investigations (MRT-I)
- Mississippi River & Tributaries Operations & Maintenance (MRT-OM)
- Investigations (I)
- Construction (C)
- Operations & Maintenance (OM)
 - Flood Control
 - Miscellaneous Other Activities
 - Multiple Purpose Power
 - National Emergency Preparedness Program
 - Navigation
 - No Description
 - Protection of Navigation
 - Protection of Navigation (223)
 - Removal of Sunken Vessels (remaining item) (224)
 - Protect, Clear & Straighten Channels (remaining item) (225)
 - Prevention of Obstructive and Injurious Deposits (226)
 - Drift Removal (227)
 - Removal of Aquatic Growth (228)
 - Project Condition Surveys (229)
 - Surveillance of Northern Boundary Waters (230)
 - Waterborne Commerce Statistics (incl Harbor Maint Fee Data Collection) (remaining item) (231)
 - Aquatic Nuisance Control (remaining item) (232)

Filters for Grid, Charting, and GIS Calculation/Display

This group of filters customize how results are presented to you.



Welcome: Marin Kress (marinkre)

Query Saver | Preferences | Locations | Reports | Admin | CSMART | Home | Profile | Log Off | Help

Continue

Filters and Selections

Network

Network: Custom Ombil

Docked: Docked Transit (Docked + Thru)

Flow Docked: Docked Transit (Docked + Thru)

Channel Conditions

- System
- Direction
- Commodity Year
- Vessel Type
- Traffic
- Commodity Draft
- Commodity
- Budget Years
- Type Fund

Grid, Charting, and GIS Calculation/Display

Commodity Details

Group By: Draft System Vessel Type Traffic

Order Grid By: Trips Tons Dollars

Order Chart By: Trips Tons Dollars Chart Dependent

Year Rollup: Details By Year Years Summed Years Averaged

Top N Locations:

Top N Commodities:

Show Columns: Ton Miles Dollar Miles System Ton Miles System Dollar Miles

Work Package Details

- Budget Details
- X-Axis
- Y-Axis
- GIS

Continue

Most users will use the default settings for these filters

Grid, Charting, and GIS Calculation/Display

Commodity Details ▲

Group By:	<input type="checkbox"/> Draft <input type="checkbox"/> System <input type="checkbox"/> Vessel Type <input checked="" type="checkbox"/> Traffic
Order Grid By:	<input type="radio"/> Trips <input checked="" type="radio"/> Tons <input type="radio"/> Dollars
Order Chart By:	<input type="radio"/> Trips <input type="radio"/> Tons <input type="radio"/> Dollars <input checked="" type="radio"/> Chart Dependent
Year Rollup:	<input type="radio"/> Details By Year <input type="radio"/> Years Summed <input checked="" type="radio"/> Years Averaged
Top N Locations:	<input type="text" value="15"/> ▲▼
Top N Commodities:	<input type="text" value="5"/> ▲▼
Show Columns:	<input type="checkbox"/> Ton Miles <input type="checkbox"/> Dollar Miles <input type="checkbox"/> System Ton Miles <input type="checkbox"/> System Dollar Miles

Work Package Details ▼

Budget Details ▼

X-Axis ▼

Y-Axis ▼

GIS ▼

Grid, Charting, and GIS Calculation/Display

Commodity Details

Group By:

Draft System Vessel Type Traffic

To get the maximum number of output table rows and columns select all **GROUP BY** boxes

Can be changed while viewing results

Order Grid By:

Trips Tons Dollars

Sort the rows in your results table (highest to lowest) based on numbers of trips, tons, or \$

Can be changed while viewing results

Order Chart By:

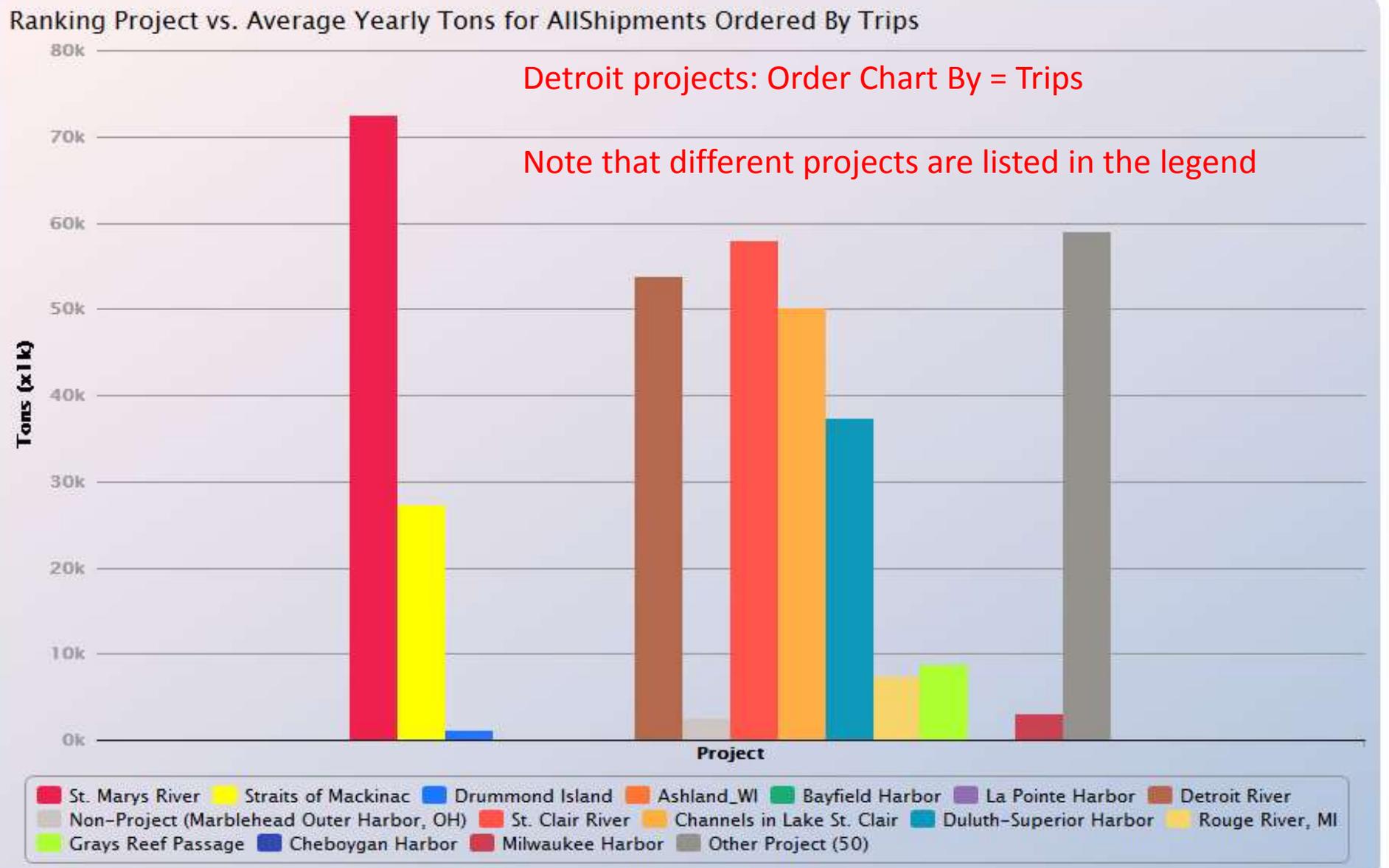
Trips Tons Dollars Chart Dependent

When viewing charts how should the columns be arranged?

Recommend leaving this setting as 'Chart Dependent'

Example graphs if 'Trips' is selected

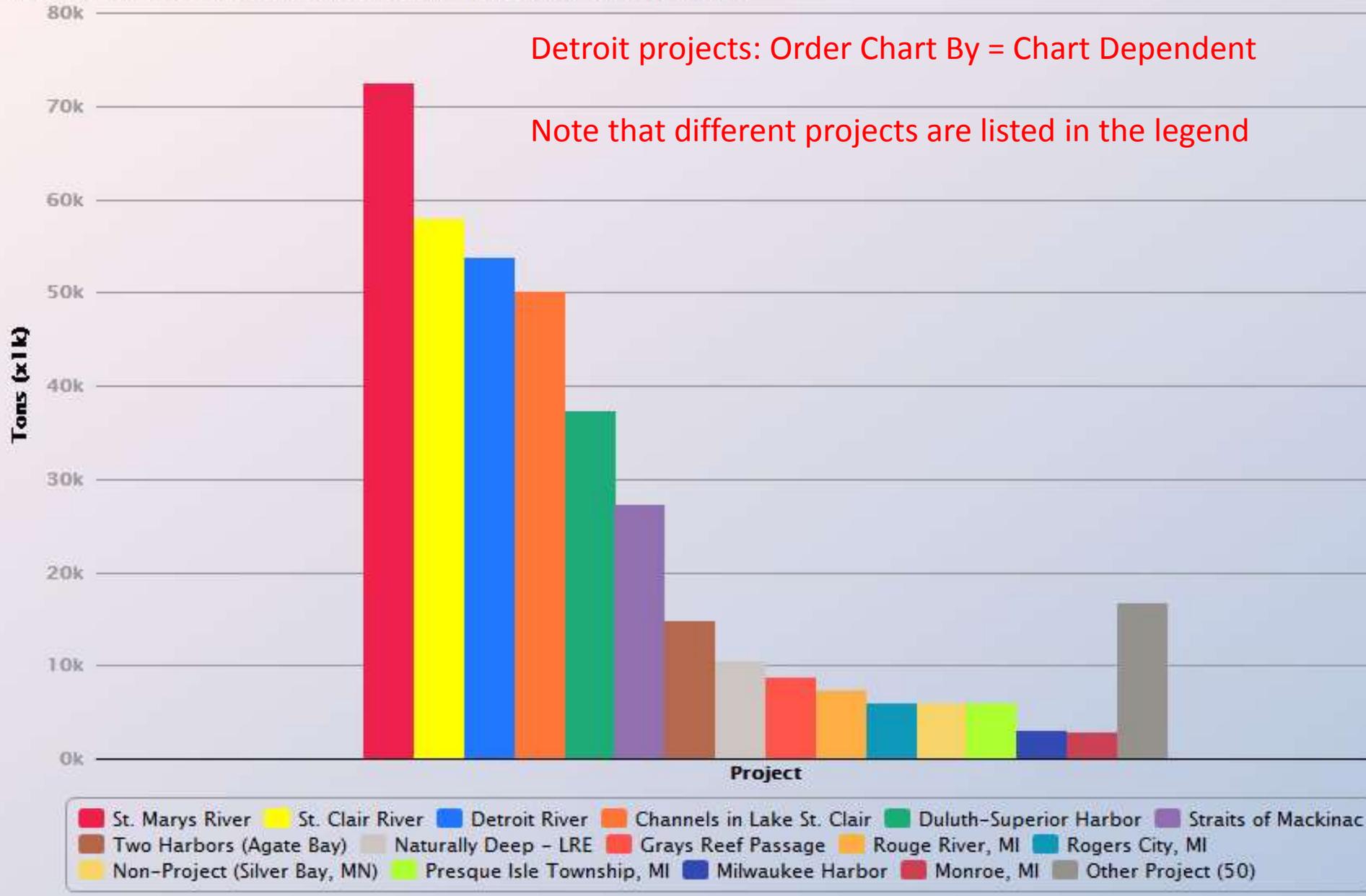
If the chart y-axis is something Tonnage, having the 'Order Chart By' filter set to 'Trips' can make the graph seem choppy, and also it will display different projects in the graph.



Ranking Project vs. Average Yearly Tons for AllShipments

Detroit projects: Order Chart By = Chart Dependent

Note that different projects are listed in the legend



Year Rollup:

Details By Year Years Summed Years Averaged

If you have multiple years selected, how should CPT calculate results for you?
Cannot be changed while viewing results. (5-year averages are popular)

Top N Locations:

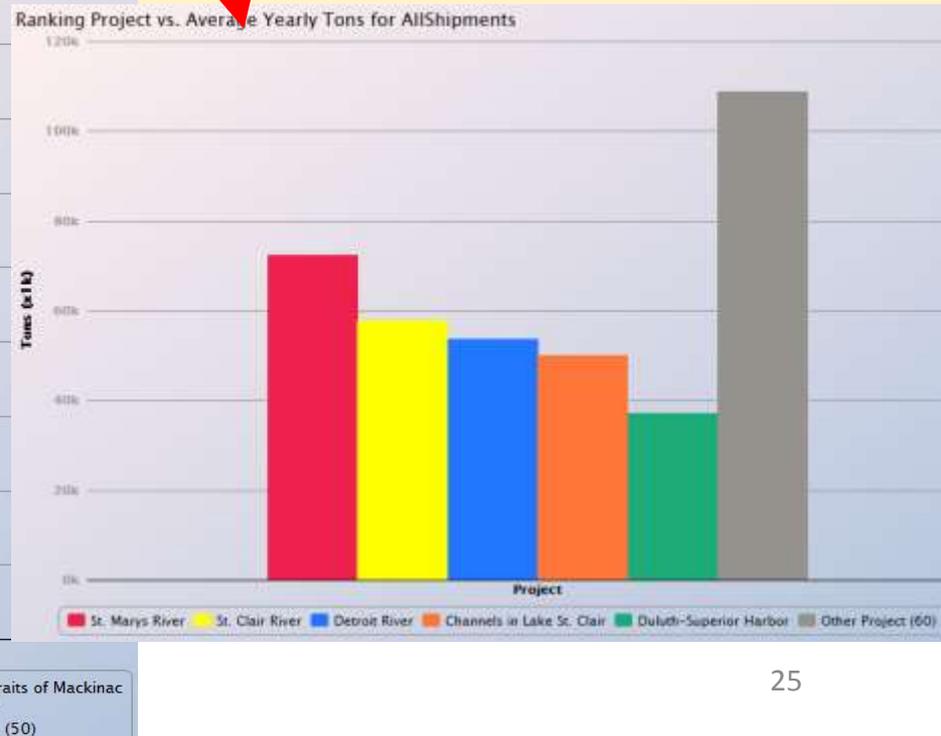
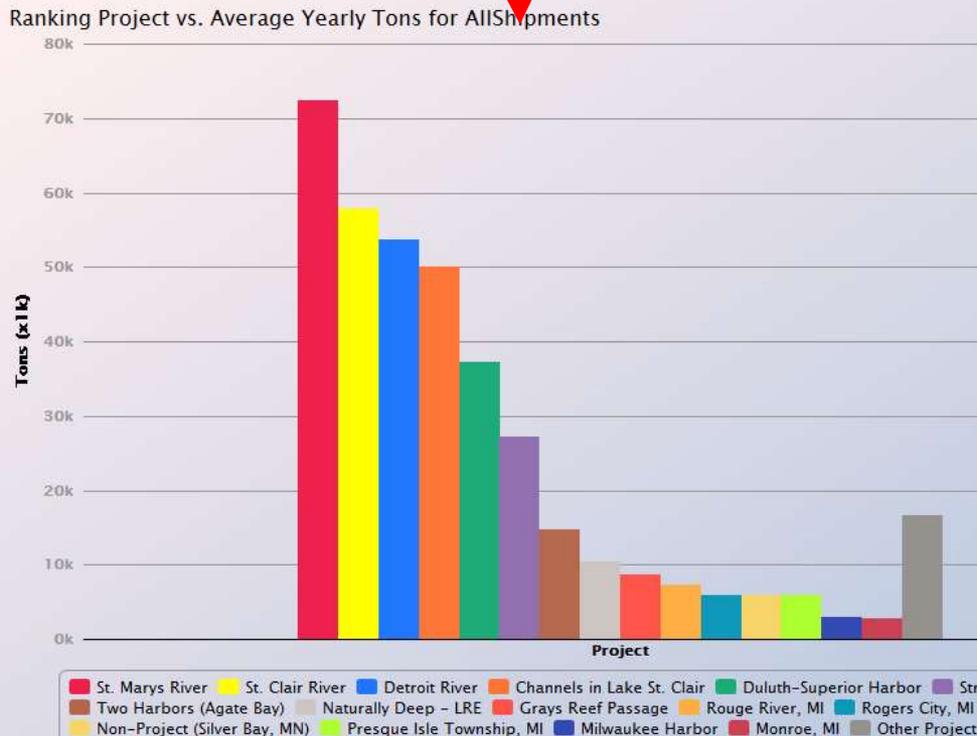
15

N = 5

Top N Commodities:

5

These filters determine the number of bars in your bar-chart
Cannot be changed when viewing tables



Show Columns:



Ton Miles



Dollar Miles



System Ton Miles



System Dollar Miles

Options to include extra columns in your results table view

Cannot be changed when viewing results

Show Columns:



Ton Miles



Dollar Miles



System Ton Miles



System Dollar Miles

Group	Name	Tons (x1k)	Dollars (x1k)	Trips	Ton Miles (x1k)	Dollar Miles (x1k)	System Ton Miles (x1k)	System Dollar Miles (x1k)
Detroit	St. Marys River	72,492.107	\$7,378,12...	113,022.0...	4,539,201...	\$422,155,...	59,818,81...	\$6,393,31...
Detroit	St. Clair River	57,981.176	\$7,049,86...	6,523.000	2,184,923...	\$269,682,...	50,434,90...	\$9,198,02...
Detroit	Detroit River	53,722.005	\$7,225,67...	8,145.000	1,370,698...	\$187,245,...	46,226,22...	\$9,239,78...
Detroit	Channels in Lake St. Clair	50,047.535	\$6,281,35...	5,951.000	830,985.7...	\$104,295,...	45,183,50...	\$8,705,63...

Live demo / follow along exercise

- Log in to CPT
- Preferences page – leave all defaults
- Locations Page
 - Lakes and Rivers: Huntington: Big Sandy Harbor
Big Sandy River (Mile 000.0 To Mile 122.0) (202020)
 - Lakes and Rivers: Louisville: Green and Barren Rivers
Green And Barren Rivers, Ky (Mile 000.0 To Mile 008.9) (202320)
- Explore the Rankings and Rollup tabs

Start of demo: begin on the Preferences page, leave all default settings. Click **Continue** button.

Channel Portfolio Tool

Welcome: Marin Kress (marin)

- Query Saver
- Preferences
- Locations
- Reports
- Admin
- CSMART
- Home
- Profile
- Log Off
- H

Continue

Filters and Selections

Network

Network: Custom Ombil

Docked: Docked Transit (Docked + Thru)

Flow Docked: Docked Transit (Docked + Thru)

Channel Conditions

System

Direction

Commodity Year

Vessel Type

Traffic

Commodity Draft

Commodity

Budget Years

Type Fund

Grid, Charting, and GIS Calculation/Display

Commodity Details

Group By: Draft System Vessel Type Traffic

Order Grid By: Trips Tons Dollars

Order Chart By: Trips Tons Dollars Chart Dependent

Year Rollup: Details By Year Years Summed Years Averaged

Top N Locations:

Top N Commodities:

Show Columns: Ton Miles Dollar Miles System Ton Miles System Dollar Miles

Work Package Details

Budget Details

X-Axis

Y-Axis

GIS

Continue

Export Entire Custom Network KML

Continue

Locations

- Lakes and Rivers*
 - Buffalo
 - Chicago
 - Detroit
 - Huntington*
 - Big Sandy Harbor*
 - Big Sandy River (Mile 000.0 To Mile 122.0) (202020)
 - Big Sandy River (Mile 122.0 To Mile 161.9) (202010)
 - Elk River Harbor
 - Kanawha River
 - Little Kanawha River
 - Muskingum River
 - Ohio River - LRH
 - Louisville*
 - Green and Barren Rivers*
 - Green And Barren Rivers, Ky (Mile 000.0 To Mile 008.9) (202320)
 - Green And Barren Rivers, Ky (Mile 008.9 To Mile 009.3) - Lock & Dam 1 (5740000)
 - Green And Barren Rivers, Ky (Mile 009.3 To Mile 062.9) (202319)
 - Green And Barren Rivers, Ky (Mile 062.9 To Mile 063.2) - Lock & Dam 2 (5750000)
 - Green And Barren Rivers, Ky (Mile 063.2 To Mile 103.0) (202330)
 - Green And Barren Rivers, Ky (Mile 103.0 To Mile 108.2) (202340)
 - Green And Barren Rivers, Ky (Mile 108.2 To Mile 108.5) - Lock & Dam 3 (5760000)
 - Green And Barren Rivers, Ky (Mile 108.5 To Mile 110.2) (202317)
 - Green And Barren Rivers, Ky (Mile 110.2 To Mile 213.2) (202310)

On the Locations page select the two reaches shown at left.

After the reaches are selected, click the **Continue** button.

The next screen will take you to see your results.



Reach - Click Tab Below for Desired Analysis

Rankings Rollup Flow Work Package

Order Grid By: Trips Tons Dollars

Make sure you are in the **Reports: Reach** level view, viewing the **Rankings** tab

Reach Ranking - Click Reach Row in Grid for Details

Drag a column header and drop it here to group by that column

Group	Name	Tons (x1k)	Dollars (x1k)	Trips
Big Sandy Harbor	Big Sandy River (Mile 000.0 To Mile 122.0) (202020)	9,345.172	\$1,975,267.103	14,513.000
Green and Barren Rivers	Green And Barren Rivers, Ky (Mile 000.0 To Mile 008.9) (202320)	7,225.499	\$673,080.414	11,328.000

Page 1 of 1

Displaying items 1 - 2 of 2

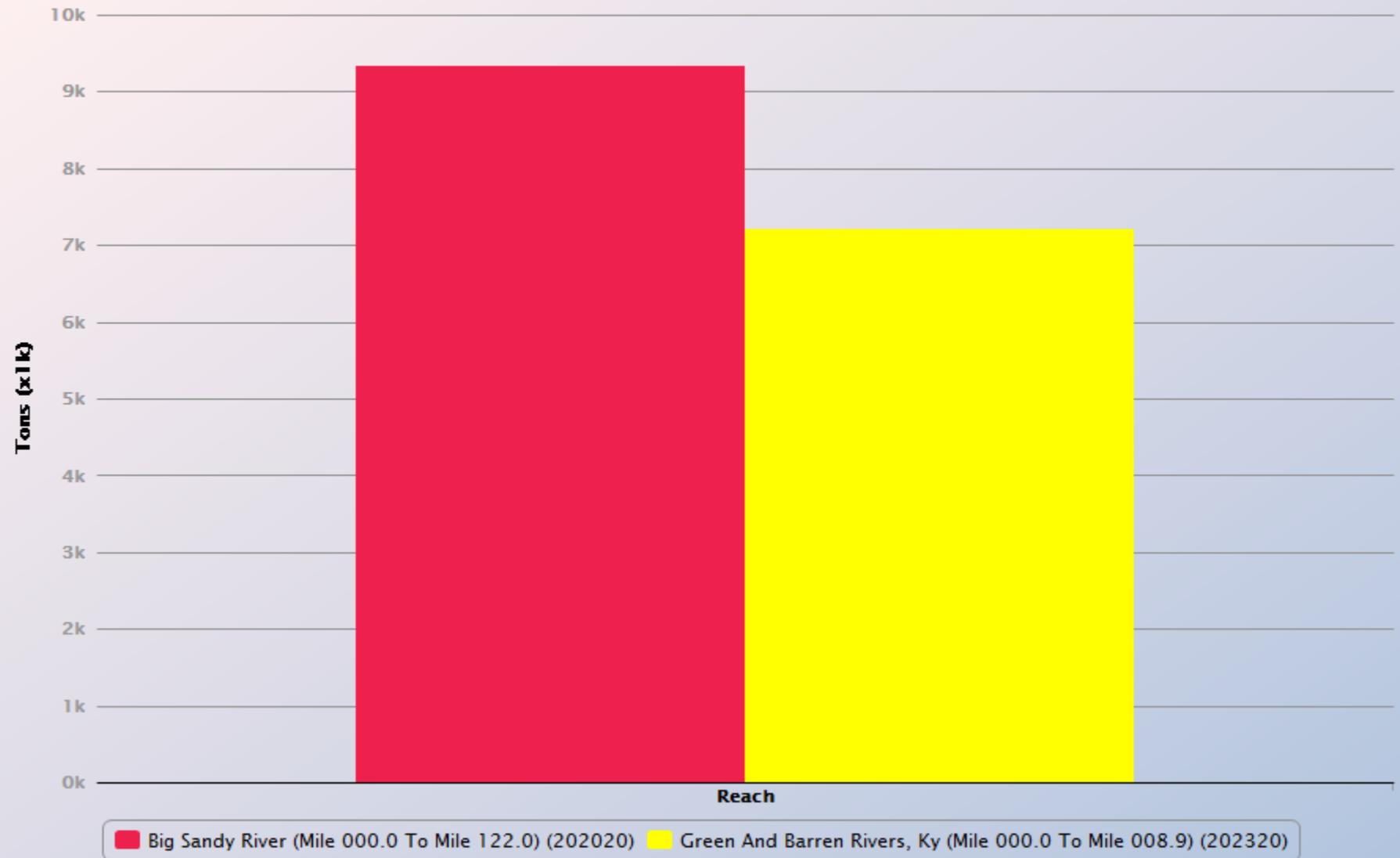
Ranking Reach vs. Average Yearly Tons for AllShipments

Ranking Reach vs. Average Yearly Dollars for AllShipments

Ranking Reach vs. Average Yearly Trips for AllShipments

Click on the first graph to view it

Ranking Reach vs. Average Yearly Tons for AllShipments



Click on the **Rollup** tab, the top table in your screen should look like the image below.

Reach - Click Tab Below for Desired Analysis

Rankings Rollup Flow Work Package

Reach Rollup - Traffic

Group by: Draft System Vessel Type Traffic

Order Grid By: Trips Tons Dollars

Update

Export to Excel

Export to PDF

Drag a column header and drop it here to group by that column

Year	Traffic	Tons (x1k)	Dollars (x1k)	Trips
2014	Internal	15,668.587	\$2,551,716.807	18,451.000
2014	Local	902.084	\$96,630.710	7,388.000
		16,570.67	\$2,648,347.52	25,839.00

Export to Excel

Export to PDF

1 10 Page 1 of 1

Displaying items 1 - 2 of 2

Then scroll down the screen.....

After scrolling to the bottom of the screen:

Click on the 4th graph, Rollup Reach Commodity Draft vs. Average Yearly Tons

Reach Rollup - Commodity

Export to Excel Export to PDF

Drag a column header and drop it here to group by that column

Year	Traffic	Commodity	Tons (x1k)	Dollars (x1k)
2014	Internal	Coal,Lignite & Coal Coke (10)	11,752.742	\$1,053,881.594
2014	Internal	Petroleum Pitches, Coke, Asphalt, Naptha and Solvents (24)	1,748.828	\$397,382.846
2014	Internal	Distillate,Residual & Other Fuel Oils; Lube Oil & Greases (23)	727.174	\$427,063.899
2014	Local	Coal,Lignite & Coal Coke (10)	696.813	\$70,975.249
			16,570.67	\$2,648,347.52

Export to Excel Export to PDF

1 2 3 10 Page 1 of 3

Displaying items 1 - 10 of 26

Axis Controls

- Rollup Reach Traffic Draft vs. Average Yearly Tons for AllShipments
- Rollup Reach Traffic Draft vs. Average Yearly Dollars for AllShipments
- Rollup Reach Traffic Draft vs. Average Yearly Tons for AllShipments
- Rollup Reach Commodity Draft vs. Average Yearly Tons for AllShipments**
- Rollup Reach Commodity Draft vs. Average Yearly Dollars for AllShipments

Axis Controls

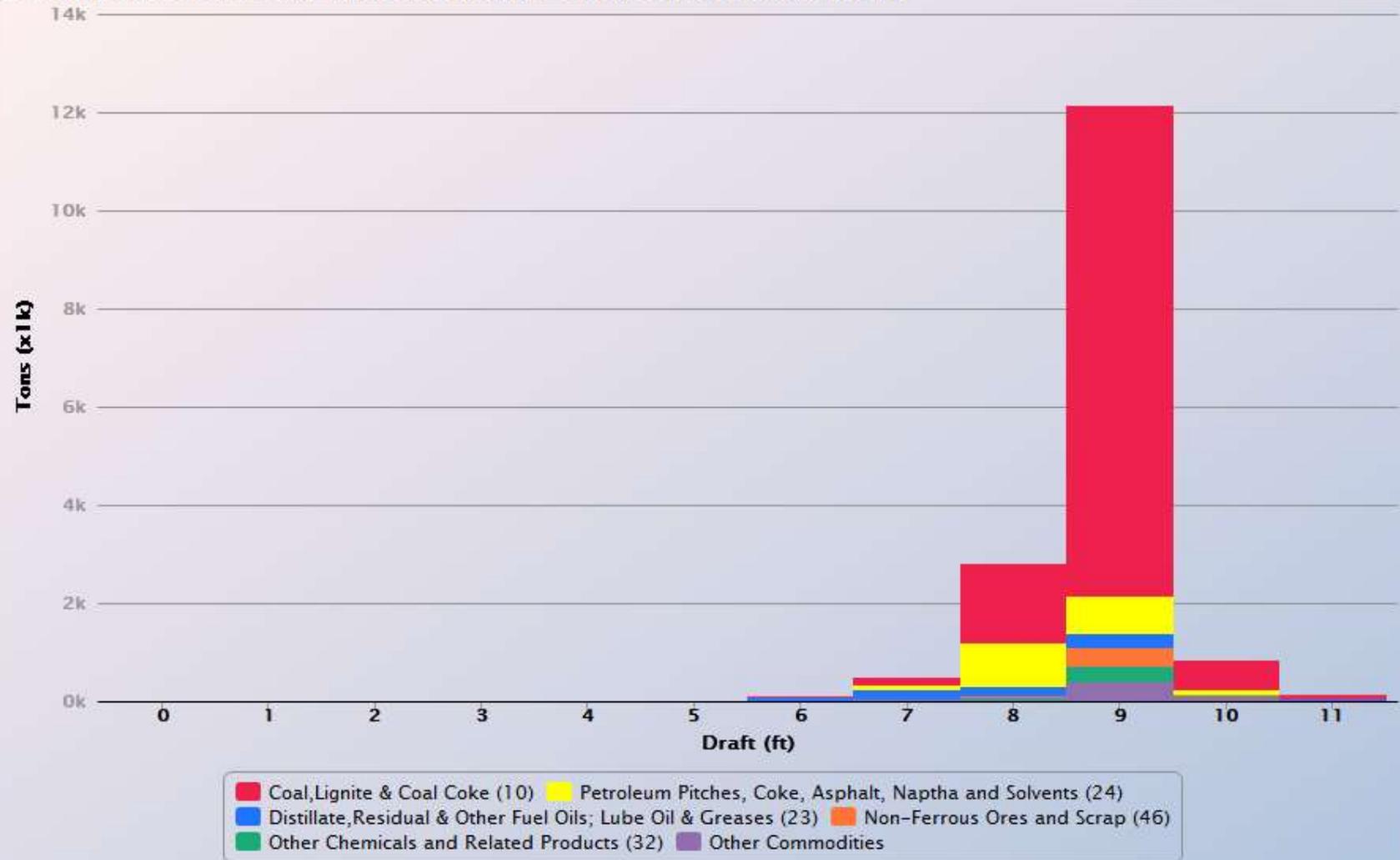
Rollup Reach Traffic Draft vs. Average Yearly Tons for AllShipments

Rollup Reach Traffic Draft vs. Average Yearly Dollars for AllShipments

Rollup Reach Traffic Draft vs. Average Yearly Trips for AllShipments

Rollup Reach Commodity Draft vs. Average Yearly Tons for AllShipments

Rollup Reach Commodity Draft vs. Average Yearly Tons for AllShipments

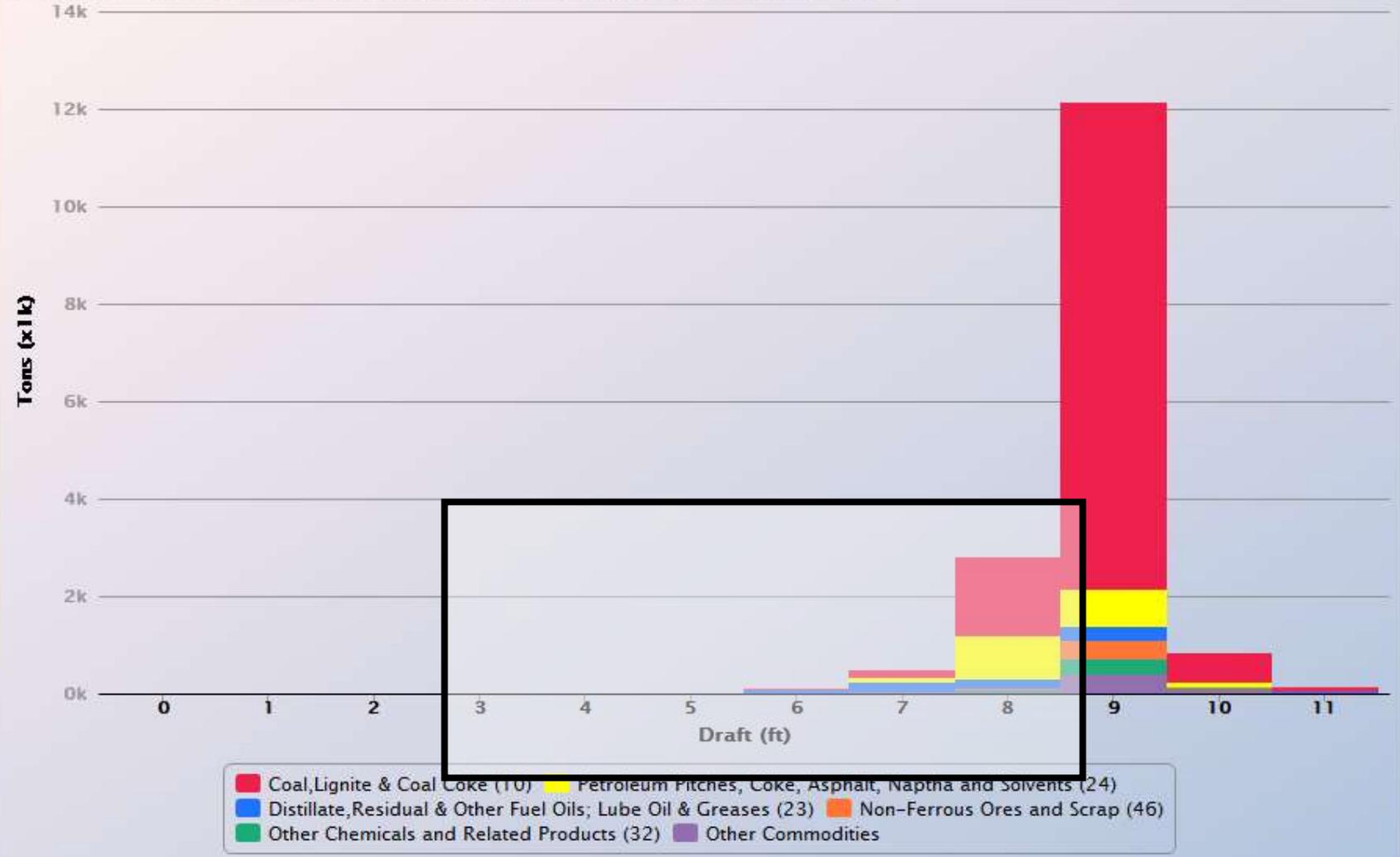


How to zoom in on a graph

Rollup Reach Traffic Draft vs. Average Yearly Tons for AllShipments

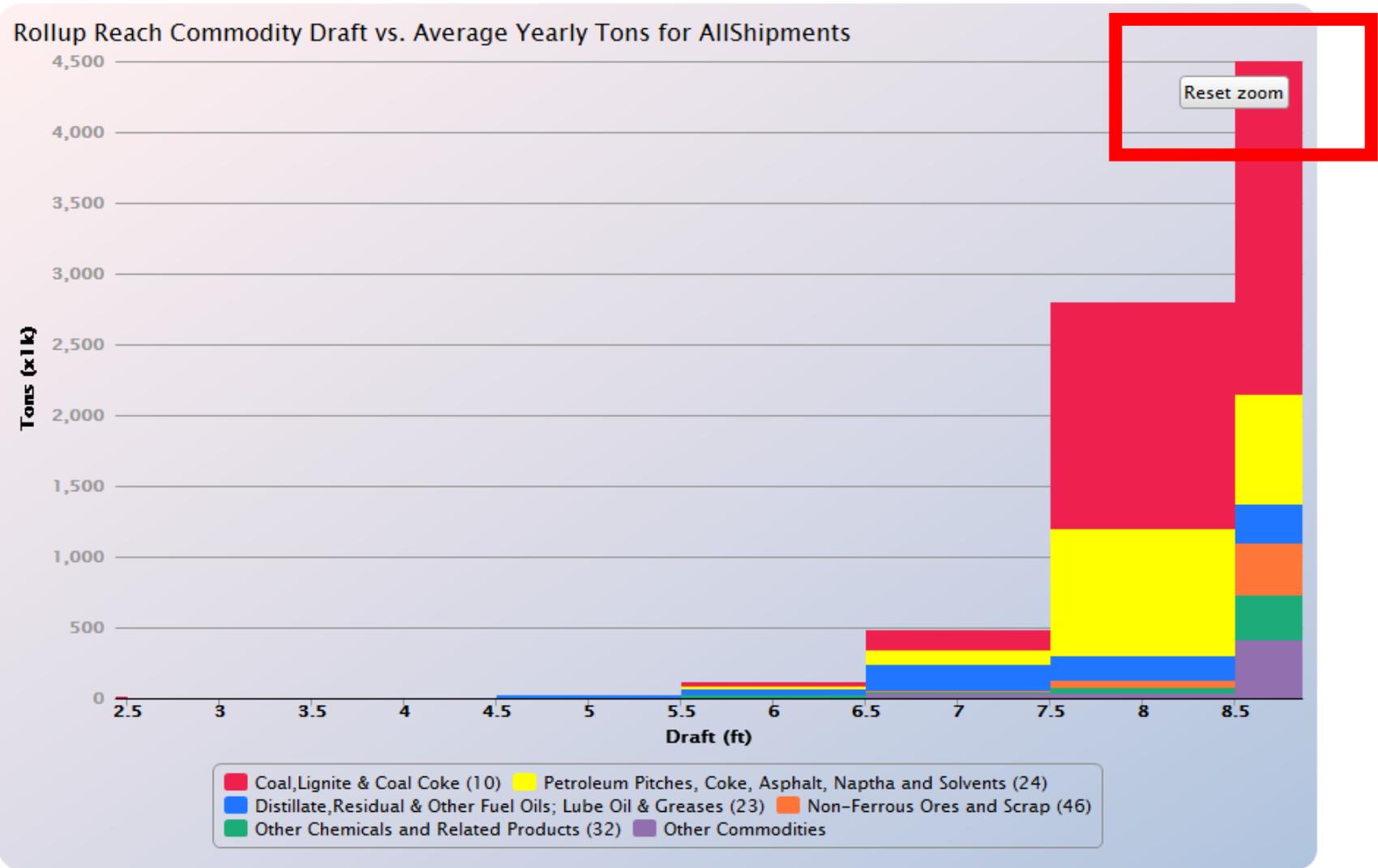
Rollup Reach Commodity Draft vs. Average Yearly Tons for AllShipments

Rollup Reach Commodity Draft vs. Average Yearly Tons for AllShipments



Zoomed in view of Commodity Draft vs. Tons (x1k). Click on the Reset Zoom button to return to the full graph view.

Rollup Reach Commodity Draft vs. Average Yearly Tons for AllShipments



End of 'live demo'

Exporting Query Results to Excel

These screenshot are for illustrative purposes only, they are not associated with the previous live demo slides.

Exporting query results to Excel:

After you run a query and are viewing the desired results screen, click on the **Export to Excel** button.

Project Rollup - Commodity

Export to Excel Export to PDF

Drag a column header and drop it here to group by that column

Year	Traffic	Commodity
2014	Internal	Coal,Lignite & Coal Coke (10)
2014	Internal	Sand, Gravel, Stone, Rock, Limestone, Soil, Dredged Material (43)
2014	Internal	Corn (63)
2014	Internal	Oilseeds (Soybean, Flaxseed and Others) (65)
2014	Internal	Primary Iron and Steel

Export to Excel Export to PDF

1 2 3 4 5 10 Page 1 of 5

Exporting query results: to Excel

Do you want to open or save Average_Yearly_Rollup_Project_Commodity_Ordered_By_Tons_2016-07-21_16-33-33.xls (15.5 KB) from cpt.usace.army.mil? X

Open

Save



Cancel

- Export file names have limited descriptive power
- Exported files DO NOT CONTAIN ANY INFORMATION ABOUT THE **REACHES** IN YOUR QUERY
- Tip: Choose 'Save As' , then edit filename
- Tip: Take a screenshot of your selected reaches and copy it into your excel file
- Tip: Take screenshots of CPT graphs and copy into your excel file, for later use or comparison

Exporting query results : to Excel

1st Worksheet view

WARNING These pages contain commercially sensitive statistics pertaining to rivers, harbors, and waterways and must be held in strict confidence as required by 33 C.F.R. § 209.320. Unauthorized disclosure could result in loss of employment, fines, and imprisonment under 18 U.S.C. § 1905.

AVERAGE YEARLY ROLLUP PROJECT COMMODITY ORDERED BY TONS

Filters: Network: CUSTOM; Value: Regional; Docked: Transit; Flow Docked: Transit; Shipment: AllShipments; Shoaling: DisableShoaling; System: AllSystems; Direction: AllDirections; Year Method: Calendar; Year: 2014; Year Rollup: YearsAveraged; VesselType: AllVesselTypes; Traffic: AllTraffic; Draft: AllDrafts; Draft: AllDrafts; Commodities: AllCommodities;

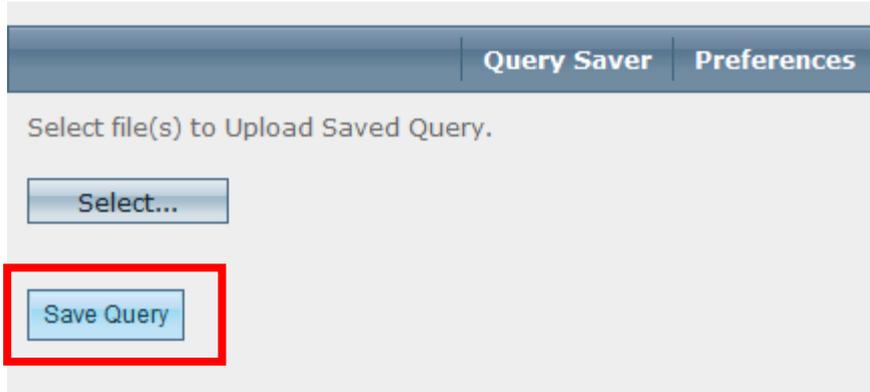
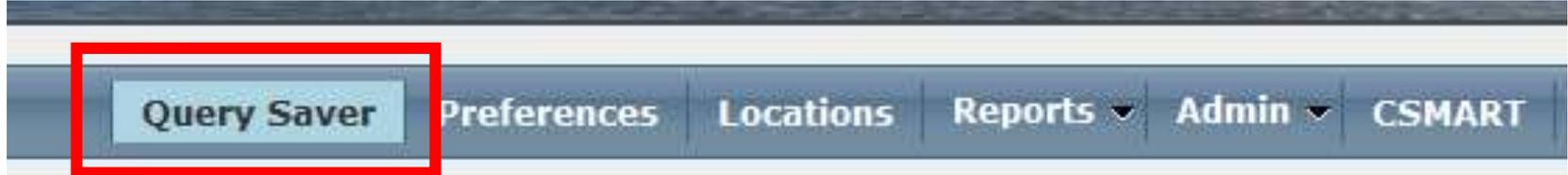
Exporting query results : to Excel

2nd Worksheet view

	A	B	C	D	E	F	G	
1	Year	Draft	VesselType	Traffic	Commodity	Tons (x1k)	Dollars (x1k)	TonMil
2	2014	N/A	N/A	Internal	Coal,Lignite & Coal Coke (10)	37,858.969	\$3,401,496.658	
3	2014	N/A	N/A	Internal	Sand, Gravel, Stone, Rock, Limestone, Soil, Dredged Material (43)	8,430.911	\$118,545.496	
4	2014	N/A	N/A	Internal	Gasoline, Jet Fuel, Kerosene (22)	3,330.050	\$1,742,736.823	
5	2014	N/A	N/A	Internal	Distillate,Residual & Other Fuel Oils; Lube Oil & Greases (23)	3,284.273	\$2,204,539.378	
6	2014	N/A	N/A	Local	Coal,Lignite & Coal Coke (10)	3,146.907	\$290,166.006	
7	2014	N/A	N/A	Internal	Other Chemicals and Related Products (32)	1,804.402	\$1,786,501.739	
8	2014	N/A	N/A	Internal	Primary Iron and Steel Products (Ingots,Bars,Rods,etc.) (53)	1,658.979	\$1,765,396.698	
9	2014	N/A	N/A	Internal	Crude Petroleum (21)	1,585.051	\$971,350.957	
10	2014	N/A	N/A	Internal	Petroleum Pitches, Coke, Asphalt, Naptha and Solvents (24)	1,411.122	\$415,916.688	
11	2014	N/A	N/A	Internal	Building Cement & Concrete; Lime; Glass (52)	1,270.319	\$281,120.437	
12	2014	N/A	N/A	Internal	Sulphur (Dry), Clay & Salt (47)	823.826	\$30,902.508	
13	2014	N/A	N/A	Internal	Iron Ore and Iron & Steel Waste & Scrap (44)	585.238	\$139,308.138	
14	2014	N/A	N/A	Internal	Non-Ferrous Ores and Scrap (46)	556.830	\$108,949.416	
15	2014	N/A	N/A	Local	Distillate,Residual & Other Fuel Oils; Lube Oil & Greases (23)	515.281	\$333,982.641	
16	2014	N/A	N/A	Internal	Other Non-Metal. Min. (49)	422.748	\$132,031.455	
17	2014	N/A	N/A	Local	Gasoline, Jet Fuel, Kerosene (22)	394.900	\$200,437.951	
18	2014	N/A	N/A	Internal	Fertilizers (31)	359.807	\$113,874.089	
19	2014	N/A	N/A	Local	Petroleum Pitches, Coke, Asphalt, Naptha and Solvents (24)	183.512	\$20,672.628	
20	2014	N/A	N/A	Internal	Oilseeds (Soybean, Flaxseed and Others) (65)	176.857	\$77,675.595	
21	2014	N/A	N/A	Internal	Primary Non-Ferrous Metal Products;Fabricated Metal Prods. (54)	171.584	\$483,074.034	
22	2014	N/A	N/A	Internal	Corn (63)	108.478	\$22,293.317	
23	2014	N/A	N/A	Local	Sand, Gravel, Stone, Rock, Limestone, Soil, Dredged Material (43)	73.585	\$82.415	
24	2014	N/A	N/A	Internal	Other Agricultural Products; Food and Kindred Products (68)	63.245	\$9,018.976	
25	2014	N/A	N/A	Internal	All Manufactured Equipment, Machinery and Products (70)	52.267	\$338,661.757	

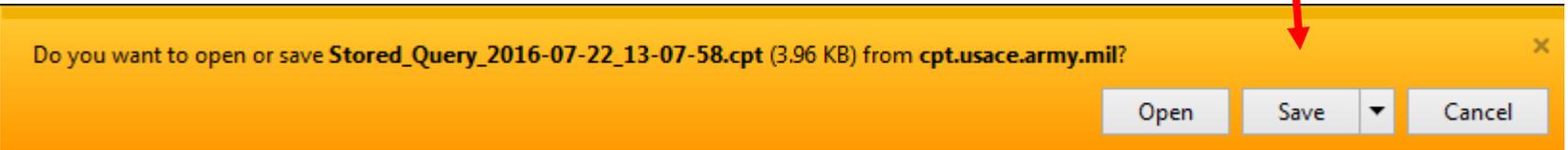
Exporting your query settings– saving .cpt file

- Set filters (on Preferences pages) and select reaches (Locations page) as desired
- Click on the **Query Saver** tab in the menu bar



To save your current query click on the **Save Query** button.

You will then get a prompt for saving the file (depending on your web browser settings).



Select 'Save As' and alter the file name to fit any relevant Excel exports.

You can load a saved .cpt file in the **Query Saver** page to review filter and location selections associated with that query.

End of Module 2

Please practice running CPT queries by completing
Exercise 1

Questions?

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