

FINSS Tabular Reporting Quick Start Guide

[For more details, please reference the FINSS Public User's Manual](#)

1. Select Parameters

To generate tabular reports, first set up the Report Criteria by selecting parameters for:

- Survey Year
- Science Center
- Survey Name
- Funding Source
- Purpose

A sample setup (SEFSC 2007) is shown in **Figure 1**.

The screenshot displays the 'Parameters' section of the FINSS Tabular Reporting interface. It features five dropdown menus for selecting report criteria:

- Year(s):** Options include 2004, 2005, 2006, 2007 (selected), 2008, 2009, and 2010.
- Science Center(s):** Options include Alaska Fisheries Science Center, Northeast Fisheries Science Center, Northwest Fisheries Science Center, Pacific Islands Fisheries Science Center, Southeast Fisheries Science Center (selected), and Southwest Fisheries Science Center.
- Survey Name(s):** Options include Atlantic Stripped Bass Tagging_Winter, Fish assemblages of western and southwestern Puerto Rico, GULFSPAN_database, InShore Shark Longline, InShore Shark Longline_Spring, InShore Shark Longline_Winter, Longline Shark/Red Snapper_Summer, Mangrove_studies, and Marine Mammals Survey_Summer.
- Funding(s):** Options include Base Fund, Congressional Earmarks/Pass-through fund, Contract Fund, and Fund from External Agencies.
- Purpose(s):** Options include Animal Movements, Camp Support, Climate Observation, and Coral Reef Benthic Assessment.

A red arrow points to the 'Generate Report' button, which is highlighted with a red box.

Figure 1 - Setup for Survey Report

2. Table Report

To produce a table report, select the “Generate Report” button as shown in Figure 1. This will create the sample report shown in Figure 2.

Click For Detail	Instance	Science Center	Survey Name	Year	Purposes	Findings
	185	SEFSC	Tortugas Ecological Reserve Survey_Summer	2007	Document Spawning Aggregations,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NOAA Coral Reef Conservation Program
	189	SEFSC	SEAMAP Reef Fish Survey	2007	EFH Assessment,Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund
	135	SEFSC	Panama City Laboratory trap/video reef fish survey	2007	Habitat Assessment	NMFS program fund
	153	SEFSC	USVI Larval Fish Cruise Surveys_Spring	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	122	SEFSC	Mesoamerican coral reef project	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	147	SEFSC	NE Gulf of Mexico MPA Survey_Winter	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	132	SEFSC	Pulley Ridge HAPC Fish and Coral Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	196	SEFSC	U.S. South Atlantic MPA Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	188	SEFSC	Fish assemblages of western and southwestern Puerto Rico	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Reef Fish and Coral Monitoring,Research	NOAA Coral Reef Conservation Program
	137	SEFSC	Reef fish Visual Census (RVC) Survey_Florida Keys_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund
	164	SEFSC	Saint Andrew Bay Juvenile Reef Fish Survey	2007	Habitat Assessment,Research	NMFS program fund
	181	SEFSC	SEAMAP Plankton_late summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	190	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Fall	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	204	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	111	SEFSC	SEAMAP Plankton_Spring	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	NMFS cooperative research fund,NMFS program fund

row(s) 1 - 15 of 25 Next

Figure 2 - Sample Table Report

To produce more information on a particular survey, click the icon in the left column next to the instance number. An example for Instance 204 is shown in Figure 3.

Survey Inventory Reports						
	135	SEFSC	Panama City Laboratory trap/video reef fish survey	2007	Habitat Assessment	NMFS program fund
	153	SEFSC	USVI Larval Fish Cruise Surveys_Spring	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	122	SEFSC	Mesoamerican coral reef project	2007	Habitat Assessment,Larval Reef Fisheries Oceanography	NOAA Coral Reef Conservation Program
	147	SEFSC	NE Gulf of Mexico MPA Survey_Winter	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	132	SEFSC	Pulley Ridge HAPC Fish and Coral Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	196	SEFSC	U.S. South Atlantic MPA Survey_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function)	NMFS program fund
	188	SEFSC	Fish assemblages of western and southwestern Puerto Rico	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Reef Fish and Coral Monitoring,Research	NOAA Coral Reef Conservation Program
	137	SEFSC	Reef fish Visual Census (RVC) Survey_Florida Keys_Spring	2007	Habitat Assessment,MPA Assessment (protected diversity, abundance of marine life, protected structure, function),Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund
	164	SEFSC	Saint Andrew Bay Juvenile Reef Fish Survey	2007	Habitat Assessment,Research	NMFS program fund
	181	SEFSC	SEAMAP Plankton_late summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	190	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Fall	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	204	SEFSC	SEAMAP Shrimp/Bottomfish Survey_Summer	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	Congressional Earmarks/Pass-through fund,NMFS cooperative research fund,NMFS program fund
	111	SEFSC	SEAMAP Plankton_Spring	2007	Habitat Assessment,Research,Stock Assessment (population size, distribution, age profile, recruitment)	NMFS cooperative research fund,NMFS program fund

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Survey Instance Detail									
Survey Instance Id	Species Category	Year	Science Center	Management Act	Gear	Days At Sea	Stations Per Regional Ecosystem	Number Of Cruises	Observation Names
204	Invertebrate-Benthic,Fishes-Benthic Fish,Phytoplankton	2007	SEFSC	-	BONGO,Bottom Trawl,CTD,Grab Sampler,Human Observation,Plankton Gear	86	Gulf of Mexico: 407	9	Biological,Habitat,Oceanographic,Protected Species

1 - 1

Figure 3 - Survey Instance Detail

3. Interactive Report

Another type of tabular report that FINSS produces is the interactive report. Select the 'Interactive Report' tab to bring up this feature as shown in Figure 4.

The screenshot shows the 'Interactive Report' interface. At the top right, there are four tabs: 'Parameters', 'Tabular Report', 'Map Report', and 'Interactive Report'. The 'Interactive Report' tab is selected and highlighted with a red box, with a red arrow pointing to it from the right. Below the tabs is a search bar with a magnifying glass icon and a 'Rows' dropdown menu set to '15'. Below the search bar is a table with the following columns: Survey Instance Id, Science Center, Survey Name, Purposes, Fundings, Observation Names, Gears, Days At Sea, Survey Id, Survey Year, and Stations Per Regional Ecosystem. The table contains six rows of data.

Survey Instance Id	Science Center	Survey Name	Purposes	Fundings	Observation Names	Gears	Days At Sea	Survey Id	Survey Year	Stations Per Regional Ecosystem
452	SWFSC	STAR-LITE - Stenela Abundance Research Line Transect and Ecosystem	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Surface Trawl	100	297	2007	Eastern Tropical Pacific: 1
456	SWFSC	PacOOS - Cent CA (MBARI)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Oceanographic, Protected Species	BONGO, CTD, Human Observation, MANTA, Plankton Gear	4	176	2007	California Current: 9
460	SWFSC	Mako, Blue Fin Juvenile Shark	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic	ADCP, Acoustic Backscatter, CTD, Human Observation, Longline, Side Scan, Tags (satellite, acoustic and others)	31	173	2007	California Current: 51
464	SWFSC	CalCOFI_Summer	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Plankton Gear, Single Beam, Sonar	17	160	2007	California Current: 73
465	SWFSC	CalCOFI_Fall	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Plankton Gear, Single Beam, Sonar	17	158	2007	California Current: 67
468	SWFSC	Sardine (northern section)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Sonar	6	179	2007	California Current: 14

Figure 4 - Interactive Reports Screen

The Interactive Report feature allows the user to sort, filter, highlight, or download results. The number of rows can be changed to alter the number of records displayed at a given time. Also, there is an option to select columns for the report.

To display a menu of interactive options, select the icon (cogwheel with down-arrow) at the top of the screen. The resulting drop-down menu of user options is illustrated in Figure 5.

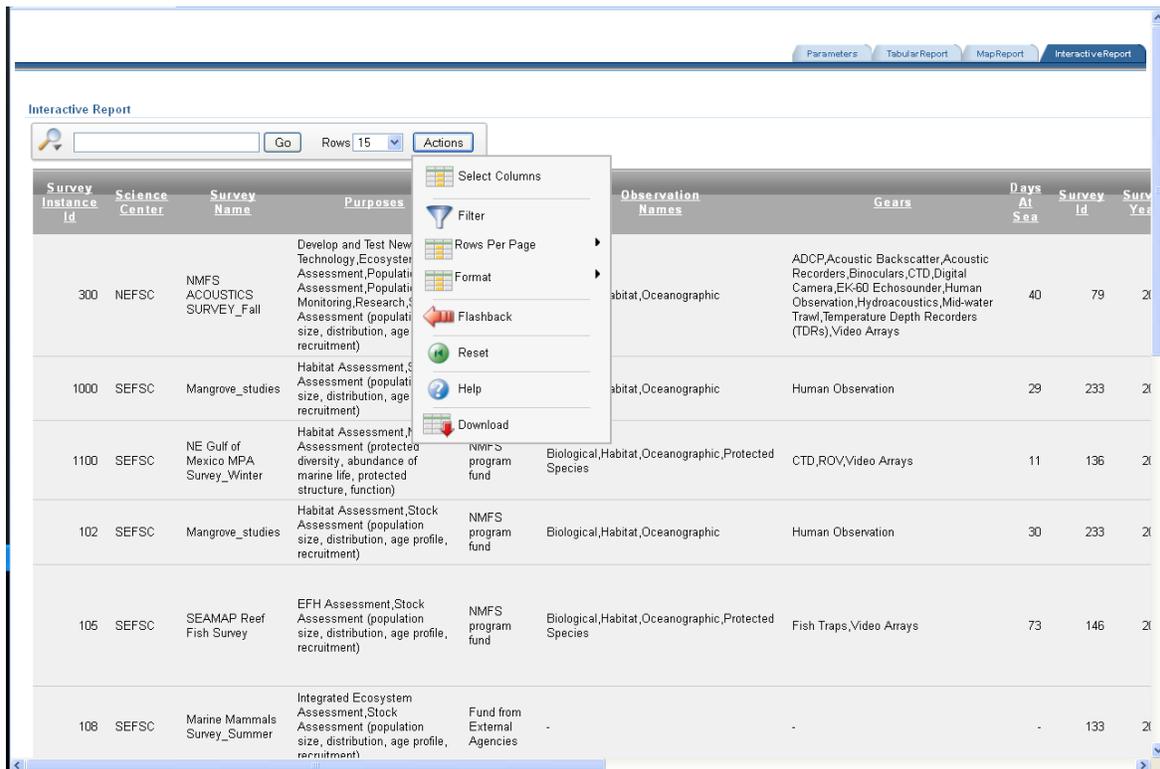


Figure 5 - Interactive Reports Menu Options

As an illustration of one of the possible operations, a simple example is presented here showing the Filter option. In this case the list of survey instances is filtered for Survey Names containing 'rockfish'. The setup for this is illustrated in Figure 6. After the 'Apply' button is selected, the results shown in Figure 7 will be displayed.

The screenshot shows a software interface for an Interactive Report. At the top, there are tabs for 'Parameters', 'Tabular Report', 'Map Report', and 'Interactive Report'. Below the tabs, there is a search bar with a magnifying glass icon, a 'Rows' dropdown set to '15', and a 'Go' button. A 'Filter' dialog box is open, showing a configuration for filtering the report. The dialog has three columns: 'Column', 'Operator', and 'Expression'. The 'Column' is set to 'Survey Name', the 'Operator' is 'contains', and the 'Expression' is 'rockfish'. There are 'Cancel' and 'Apply' buttons at the bottom of the dialog. Below the dialog is a table with the following columns: Survey Instance Id, Science Center, Survey Name, Purposes, Fundings, Observation Names, Gears, Days At Sea, Survey Id, Survey Year, and Stations Per Regional Ecosystem. The table contains four rows of data, all of which have been filtered to include the word 'rockfish' in their Survey Name.

Survey Instance Id	Science Center	Survey Name	Purposes	Fundings	Observation Names	Gears	Days At Sea	Survey Id	Survey Year	Stations Per Regional Ecosystem
452	SWFSC	STAR-LITE - Stenela Abundance Research Line Transect and Ecosystem	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Surface Trawl	100	297	2007	Eastern Tropical Pacific: 1
460	SWFSC	Mako, Blue Fin Juvenile Shark	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic	ADCP, Acoustic Backscatter, CTD, Human Observation, Longline, Side Scan, Tags (satellite, acoustic and others)	31	173	2007	California Current: 51
468	SWFSC	Sardine (northern portion)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	Acoustic Backscatter, BONGO, CTD, Human Observation, MANTA, Mid-water Trawl, Plankton Gear, Single Beam, Sonar	6	179	2007	California Current: 14
481	SWFSC	EFH Juvenile rockfish	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	-	-	166	2007	-

Figure 6 - Interactive Report Setup for Filter Operation

Parameters TabularReport MapReport InteractiveReport

Interactive Report

Rows 15 Go

Survey Name contains 'rockfish' ✓ ✕

Survey Instance Id	Science Center	Survey Name	Purposes	Fundings	Observation Names	Gears	Days At Sea	Survey Id
508	SWFSC	Juvenile Rockfish	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic, Protected Species	Acoustic Backscatter, BONGO, CTD, Human Observation, Mid-water Trawl, Plankton Gear	43	168
481	SWFSC	EFH juvenile rockfish	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	-	-	-	166
495	SWFSC	COAST - Southern CA Bight Rockfish (ROV)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS cooperative research fund	Biological, Habitat, Oceanographic, Protected Species	Acoustic Backscatter, ROV, Single Beam	32	289
509	SWFSC	COAST - Southern CA Bight Rockfish (acoustics)	Integrated Ecosystem Assessment, Stock Assessment (population size, distribution, age profile, recruitment)	NMFS program fund	Biological, Habitat, Oceanographic	Acoustic Backscatter, CTD, Multibeam, Side Scan, Single Beam, Sonar	60	290

Done

Figure 7 - Interactive Report Sample Filter Results