

Nearshore Fish Atlas of Alaska

<http://mapping.alaskafisheries.noaa.gov/szflex/>

Frequently Asked Questions

Top right panel: what is it and how do I use it?

The Statewide Query Panel is used to build and submit statewide queries that provide “big picture” summaries of fish and habitat sampled with a beach seine in the nearshore, marine waters of Alaska. Get the data you want (e.g., abundance, species diversity, catch-per-unit-effort, species frequency of occurrence, and habitat use) by mixing and matching different selections listed under the headings of Area, Fish, and Habitat. Control the spatial resolution of your query by selecting a scale or Area of interest: Statewide, Region, Locale, or Site. Focus your data query further by specifying a particular species (Select a Species), grouping data by habitat type sampled (Group by Habitats), and/or limiting your data search to a particular habitat (Select a Habitat). Query results are tabularized into downloadable .csv files and displayed on the map.

Bottom right panel: what is it and how do I use it?

The Navigation Panel is used to move through the FishAtlas database, which contains fish and habitat data collected in the nearshore, marine waters of Alaska. Fish catch data is viewable on three spatial scales: 1) regions are large areas that contain one or more locales and several sites; regions are shown on the map as red, open rectangles; 2) locales are areas within a region and are shown on the map as white, numbered boxes; and 3) sites are the actual sampling points within a locale and are shown on the map as color-coded dots where blue = bedrock sites, green = eelgrass sites, red = kelp sites, and yellow = sand-gravel sites. Find the specific catch data you want by navigating among the Region, Locale, and Site tabs and filtering for particular habitats and/or species. Catch data are tabularized as downloadable .csv files and are displayed on the map. Temperature and eelgrass mapping data are available as well.