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# Alaska Fisheries Information Network

## Comprehensive Shore-side Production Report



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## Summary

AKFIN in conjunction with the North Pacific Fishery Management Council ([NPFMC](#)) has developed a series of Comprehensive Datasets. The Comprehensive Datasets allow multiple users and analysts to collaborate and enhance the base data source into a user friendly and vetted format. AKFIN enhances the base data sources by adding fields and joining secondary sources requested by users and analysts. AKFIN supports the Comprehensive Datasets and provides various access points including Oracle Answers. Each dataset has been developed with input from multiple stakeholders including:

- The Alaska Department of Fish and Game ([ADF&G](#)),
- The National Marine Fisheries Service, Alaska Regional Office ([AKR](#)),
- The North Pacific Fishery Management Council ([NPFMC](#)),
- The Alaska Fisheries Science Center ([AFSC](#)),
- The Commercial Fisheries Entry Commission ([CFEC](#)), and
- The International Pacific Halibut Commission ([IPHC](#)).

This data is confidential and access is restricted to analysts with special permission. Please contact the AKFIN Project Manager at <http://www.akfin.org/contact-us/> for further information about accessing the data.

## Comprehensive Shore-side Production Data

The Comprehensive Shore-side Production Report (SPR) Dataset utilizes the Shore-side Logbook received by the National Marine Fisheries Service, Alaska Regional Office. This dataset currently includes eLandings production data from 2006-Present and Shore-side Log data 2000-2007. Historically the shore-side log and weekly production reports were utilized to track landings in the federal fisheries off the coast of Alaska. Floating Processors and Shore-Based processors were required to fill out Daily Logbooks of production for the Shore-side Log. The eLandings Production Report replaced the shore-side log and eLandings Landing Report was utilized to track landings. Although the Shore-side Production report is no longer utilized to calculate landings it is still available and populated. Data validation and testing is not as strict as may be seen in other datasets, therefore this dataset is not used to estimate landings or give a scope to overall production. The Comprehensive SPR dataset does still maintain value to analysts. The most prevalent use is in regards to shore-side production timing and product prices. Although the broader prices are based on an annual report, the valuation of species can vary throughout the year depending on the timing of products, specifically roe. Analysts may find other uses as well for the dataset; for example, plant production and the ebb and flow of revenue may be analyzed with this dataset.

### **Base Data Fields**

The following table contains the fields populated by the base source, Shore-side Logbook, that exists on the COMPREHENSIVE SPR.

<b>Column</b>	<b>Description</b>
REPORT_ID	Unique id part of composite primary key
REPORT_DATE	Date that concludes the period being reported on this production report: Shoreside processors report daily
PROCESSOR_PERMIT_ID	Federal processor permit number of the processor.
PROCESSOR_NAME	Name of the processor that processed the catch.
FMP_AREA_ID	Unique identifier of the Fisheries Management Plan (FMP) area in the MANAGEMENT_AREA table.
FMP_AREA_CODE	Code representing the Fisheries Management Plan (FMP) area in which the fishing took place: BSAI = Bering Sea or GOA = Gulf of Alaska.
AGENCY_SPECIES_ID	Unique identifier of the agency species code.
AGENCY_SPECIES_CODE	Three-digit agency species code identifying the species used on the line item.
SPECIES_GROUP_ID	Unique identifier of the species group.
SPECIES_GROUP_CODE	Code that identifies the species group to which the Alaska Region's agency species code translates.
PRODUCT_CODE	Two digit number used to identify type of product
PRODUCT_TYPE_CODE	Abbreviation of the species group with which the species is associated, based on the area in which it was caught.
PRODUCT_WEIGHT_METRIC_TONS	Weight of the product in metric tons.
PRODUCT_WEIGHT_POUNDS	Weight of the product in pounds.
SOURCE_TABLE	Indicates the type of report on which this product was reported: ELLR = ELandings Landing Report, SLOG = Shoreside LOGbook.
YEAR	Four-digit calendar year during which the processing took place.

### **Auxiliary Data Sources**

In addition to the base source, other agency and AKFIN-built data sources and logic have been incorporated to further define the SPR

record and associated entities. These sources have been identified to meet the analysts needs.

**ADF&G Sources**

- **Intent to Operate (ITO)** - The source for processor and processor owner information from the processors yearly Intent to Operate data sourced by the ADFGE\_VIEW\_TBLITO sources and associated lookup tables.
- **Species** – The ADFG.SPECIS table was used to provide a common species name based on the species code

**NMFS AKR Sources**

- **Product Table** – The AKR AP\_PRODUCT table was used to provide a description of the SPR product code as well as to determine with product codes are determined discards.
- **Species Lookups** – The AKR AGENCY\_SPECIE and SPECIES\_GROUP tables were used to append descriptions of the AKR species code and species group code.

**NPFMC Sources**

- **NPFMC Species Data** – The NPFMC species translation table, COUNCIL.SPECIES\_GROUP\_CODES, was used to supplement the species group descriptions.

**AKFIN Sources**

- **Product Price Index** – Gross Earnings workgroup developed an algorithm to price wholesale product prices by processing sector, FMP area, species, and product code.
- **Processor Code Cross Reference** – The AKFIN-built process that translates the State ITO code to federal processor code, AKFIN\_PROC\_CODE\_XREF\_V, was incorporated to populate the ITO\_CODE field.

**Auxiliary Data Fields**

The auxiliary data fields are value added columns which analysts and stakeholder have requested. The following table contains a list of those fields.

Comprehensive Weekly Production Report Auxiliary Fields		
Column	Description	Source
AKFIN_LOAD_DATE	Date SPR data was loaded from the AKR database to the AKFIN database	

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Comprehensive Weekly Production Report Auxiliary Fields		
Column	Description	Source
AKFIN_VDATE	Date the COMPREHENSIVE_SPR datamart table was refreshed.	
AKFIN_YEAR	Standardized Year	
ITO_CODE	ITO processor code as translated from the AKFIN_PROC_CODE_XREF_V data source	Processor Code Cross References ITO code translation (ITO_CODE)
ITO_YEAR	Most recent year of ITO registration for ITO_CODE	ITO/ENCOAR operation year (OP_YEAR)
ITO_COMPANY	Company name	ITO/ENCOAR company name or business (OP_CO_NAME_BUSINESS)
ITO_ADFG	Processor's ADFG according to ITO/ENCOAR	ITO/ENCOAR ADFG vessel number (ADFG_VESSEL_NUM)
ITO_VNAME	Processor's vessel name according to ITO/ENCOAR	ITO/ENCOAR facility/vessel name for vessels (OP_PR_FACILITY_VESSEL_NAME)
ITO_TYPE	Processor type code	ITO/ENCOAR type code (E_PROC_TYPE)
ITO_FEDID	Encrypted Federal ID	ITO/ENCOAR encrypted federal ID (FED_ID_ENCRYPT)
ITO_PLANT	Processor plant or processing type	ITO/ENCOAR plant (PLANT)
ITO_CITY	Processor city	ITO/ENCOAR processor's address (PR_CITY)
ITO_STATE	Processor state	ITO/ENCOAR processor's address (PR_STATE)
ITO_ZIP	Processor zip	ITO/ENCOAR processor's address (PR_ZIP1)
MEAL_FLAG	Flag meal based on product code	CASE WHEN spr.product_code = '32' THEN 'Y' ELSE 'N' END
PRICE_SPEC_GRP	Species group used for pricing	akfin.nmfs_wholesale_gfish_species
PRODUCT_CODE_DESCRIPTION	Description of the product code field	AKR Product Code Description (DESCRIPTION)
PRODUCT_POUNDS	Product weight converted to pounds	CASE WHEN NVL(app.discard_flag, 'N') = 'N' THEN spr.product_weight_metric_tons * 2204.62262 ELSE 0 END
PRODUCT_PRICE_LB	Price per pound applied to SPR record based on product price index	CASE WHEN NVL(app.discard_flag, 'N') = 'N' THEN price.pricelb ELSE NULL END

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Comprehensive Weekly Production Report Auxiliary Fields		
Column	Description	Source
PRODUCT_WHOLESALE_VALUE	First wholesale value based on product_price_index	CASE WHEN NVL(app.discard_flag, 'N') = 'N' THEN spr.product_weight_metric_tons * 2204.62262 * price.pricelb ELSE 0 END
PRICE_STEP	Step pricing occurs at from PPI	CASE WHEN NVL(app.discard_flag, 'N') = 'N' THEN price.price_step ELSE NULL END
SPECIES_GROUP_NAME	Description of the AKR species group based on AKR or council species group tables	NVL(sgc.name, sgc2.species_name)
SPECIES_NAME	Description of the AKR species code based on the ADFG or AKR species tables	NVL(sp.common_name, sp2.name)
FMP_GROUNDFISH_FLAG	The FMP Groundfish Flag notes landings of species that are federally managed in association with Groundfish. This includes species that are not truly Groundfish but are managed correspondingly; examples would be squid, skates, grenadiers, sharks or eels.	See the FMP Groudfish Flag document for a listing of species included.
AKFIN_SPECIES_CODE	The AKFIN_Species_Code is comprised of 14 codes and is used to group species. The grouping is by a 4 letter code. The definitions are as follows: AMCK (Atka Macherel), FLTF (Flatfish), HLBT(Halibut), HRNG(Herring), KCRB(King Crab), OCRB(Other Crab), PCOD(Pacific Cod), PLCK(Walleye Pollock), ROCK(Rockfish), SBLF(Sablefish), SLMN(Salmon), SHLF(Shellfish), TCRB(Tanner Crab) – Other (OTHR)	AKFIN_SPECIES_VIEW
GF_PRICING_FLAG	This flag is used to determine groundfish species for used in the Product Pricing Index Procedure	

