

Vessel Entries And Transits for Washington Waters

VEAT '94

OVERVIEW

This **Vessel Entries And Transit**—"VEAT"—data is offered by the Washington State Office of Marine Safety (OMS) in response to public requests for information about vessel traffic in Washington waters. The data identifies vessels regulated by OMS only. These include:

- Cargo and passenger vessels 300 gross tons and larger; and
- Tank ships and tank barges of any tonnage.

Thus, the data may not match sources characterizing other vessel populations. **VEAT** lists data by vessel destination and vessel type, and does not reflect specific products or commodities transported or delivered.



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TERMS AND DEFINITIONS

C & P

Cargo and passenger vessels 300 gross tons or larger.

TANK SHIP

A motor driven tank vessel of any gross tonnage, engaged in the transport of crude oil, refined petroleum products, or chemicals. See next column for detailed description of how tankers are classified and counted for this report.

ENTERING TRANSIT

The passage of a vessel from sea or Canadian waters into Washington State waters, regardless of destination. The trip back to sea is not counted. A vessel may be credited with multiple entering transits over a specified period, such as a calendar year.

Entering transits on the Columbia River that call at a Washington port *and* an Oregon port during a single voyage on the Columbia River are counted as an entering transit bound for a Washington port.

INDIVIDUAL VESSEL

A vessel counted only once within a specified time period (such as a calendar year), even if the vessel calls in Washington State waters more than once during the specified time period.

TANK BARGE

A barge of any tonnage, engaged in the transport of crude oil, refined petroleum products, or chemicals.

TANK BARGE TRANSIT

Any move between two locations, via Washington State waters, while transporting crude oil, refined petroleum products, or chemicals.

FERRY

Any ferry boat of 300 gross tons or larger operating in Washington State waters. Ferries with a fuel capacity of fewer than 6,000 gallons are not regulated by OMS even if they are 300 gross tons or larger. There were no ferries of 300 gross tons or larger operating on the Columbia River or in Grays Harbor/Aberdeen in 1994.

TANK SHIP CLASSIFICATION IN VEAT

CHEMICAL TANKERS

Chemical tankers are counted as petroleum tankers because tankers capable of transporting chemicals are equally capable of transporting petroleum products. Chemical tankers are included in the tank ship section of VEAT, items 10-18.

EDIBLE OIL TANKERS

Edible oil tankers are counted as petroleum tankers because edible oil tankers are capable of and certified to transport petroleum products. Most edible oil tankers are included in the tank ship section of VEAT, items 10-18. However, edible oil tankers that hold long-term oil spill prevention plan waivers because they exclusively transport non-petroleum products, are counted as dry cargo vessels and are included in the cargo and passenger section of VEAT, items 1-9.

LNG, LPG, AND LG TANKERS

Liquefied Natural Gas (LNG), Liquefied Petroleum Gas (LPG), and Liquefied Gas (LG) tankers are counted as bulk cargo carriers. These specialized vessels are not certified to transport conventional petroleum products or chemicals. Some examples of these products are: LNG (methane), LPG (propane), and LG (anhydrous ammonia). LNG, LPG and LG tankers are included in the cargo and passenger section of VEAT, items 1-9.

O/B/O VESSELS (OIL/BULK/ORE)

O/B/O vessels are multi-purpose tanker/bulkers that are certified to transport petroleum products and chemicals. O/B/O vessels are included in the tank ship section of VEAT, items 10-18.

TANKERS BOUND FOR SHIPYARDS

Tankers bound for shipyards for repair and routine maintenance are required to be empty, clean, and gas free. Since these vessels are not transporting petroleum products or chemicals, they are included in the cargo and passenger section of VEAT, items 1-9.

TANKERS BOUND FOR LAY-UP

Tankers bound for lay-up are required to be empty, clean and gas free. These vessels are included in the cargo and passenger section of VEAT, items 1-9.

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VESSEL ENTRIES AND TRANSITS: 1994

VESSEL TYPE AND DESTINATION	ENTERING TRANSITS	INDIVIDUAL VESSELS
1) C & P bound for Washington ports in Puget Sound via Strait of Juan de Fuca	2407	887
2) C & P bound for Washington ports in Puget Sound via Strait of Georgia	938	255
3) C & P bound for Washington ports on the Columbia River	804	506
4) C & P bound for Gray's Harbor/Aberdeen	134	74
5) C & P bound for Washington ports: (Sum of 1-4 above)	4283	1722
6) C & P bound for Oregon ports on the Columbia River	1030	403
7) C & P bound for Canadian ports via Washington waters	2044	1087
8) C & P bound for U.S. ports (Sum of 5 & 6 above)	5313	2125
9) C & P grand total (Sum of 5-7 above)	7357	3212
10) Tank ships bound for Washington ports in Puget Sound via Juan de Fuca	568	107
11) Tank ships bound for Washington ports in Puget Sound via Strait of Georgia	34	9
12) Tank ships bound for Washington ports on the Columbia River	25	16
13) Tank ships bound for Grays Harbor/Aberdeen	0	0
14) Tank ships bound for Washington ports: (Sum of 10-13 above)	627	132
15) Tank ships bound for Oregon ports on the Columbia River	148	15
16) Tank ships bound for Canadian ports via Washington waters	133	62
17) Tank ships bound for U.S. ports (Sum of 14 & 15 above)	775	147
18) Tank ship grand total (Sum of 16 & 17 above)	908	209
19) Grand totals: all vessels, all destinations (Sum of 9 & 18)	8265	3421

TANK BARGES (OPERATING AREA)	TRANSITS
1) Puget Sound	3030
2) Columbia River	1774
3) Grays Harbor/Aberdeen	0
4) Grand total of transits in Washington waters (Sum of 1-3 above)	4804
5) Total number of individual tank barges operating in Washington State waters in 1994:	113
6) Number of barge companies that operate tank barges in Puget Sound:	18
7) Number of barge companies that operate tank barges on the Columbia River:	7
8) Number of barge companies that operate tank barges in Grays Harbor/Aberdeen:	0
9) Total number of barge companies that operate tank barges on Washington waters:	20

FERRIES (PUGET SOUND)	ROUND TRIPS	INDIVIDUAL FERRIES
1) Washington State Ferries (Fiscal year 1994: July 93 - June 94)	72,157	22
2) Alaska Marine Highway System	54	3
3) Black Ball Transport, Inc.	865	1
4) Totals (Sum of 1 - 3 above)	73,076	26

FISHING VESSEL CLASSIFICATION

COMMERCIAL FISHING VESSEL

Any commercial fishing vessel of 300 gross tons or larger including: trawlers, seiners, purse seiners, longliners, crabbers, ground fishers, scallopers, etc.

FACTORY FISHING VESSEL/FISH PROCESSOR

Any commercial factory fishing vessel or fish processor of 300 gross tons or larger "that commercially prepares fish or fish products other than by gutting, decapitating, gilling, skinning, shucking, icing, freezing, or brine chilling." [USCG definition contained in *Federal Requirements for Commercial Fishing Industry Vessels*.]

FISHING VESSEL DATA COLLECTION

PREVIOUS DATA

1994 is the first year OMS has collected fishing vessel data. Other Vessel Entry and Transit Data for Washington waters has been collected by OMS for two years. To obtain a copy of VEAT '93, please contact OMS.

NOTE: All data in this publication are for calendar year 1994 except for Washington State ferries. Data for Washington State ferries are based on fiscal year (July 1, 1993 through June 30, 1994).

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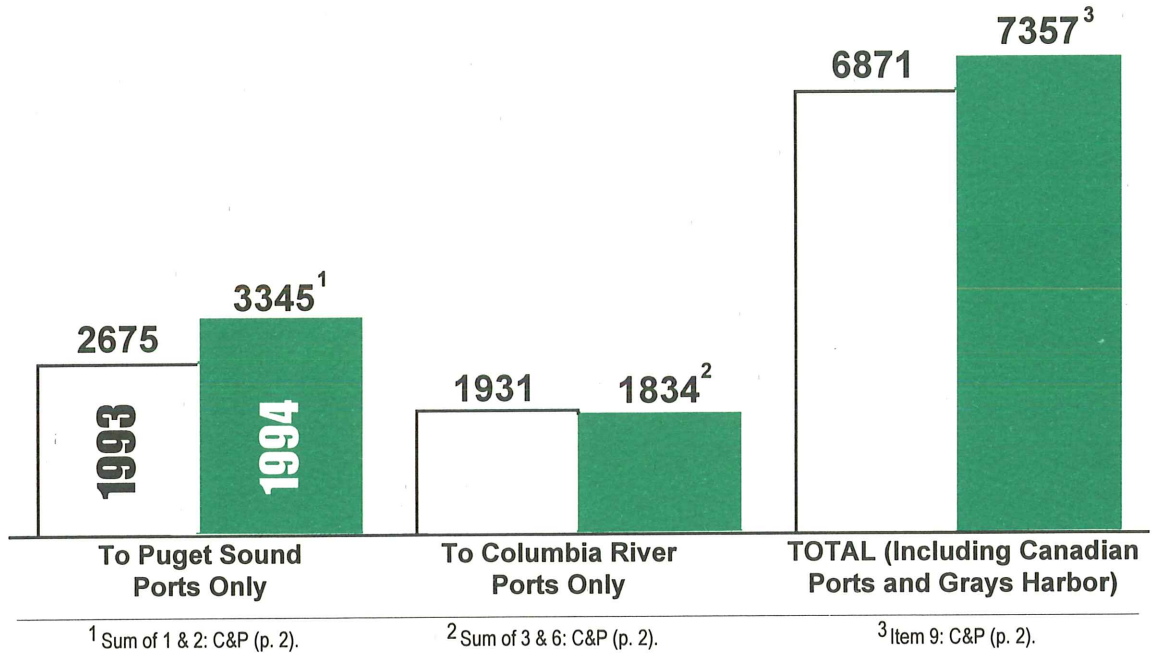
VESSEL ENTRIES AND TRANSITS: 1994

COMMERCIAL FISHING VESSELS AND FACTORY FISHING VESSELS/FISH PROCESSORS	ENTERING TRANSITS	INDIVIDUAL VESSELS
1) Commercial fishing vessels bound for Washington ports via Strait of Juan de Fuca	129	74
2) Commercial fishing vessels bound for Washington ports via Strait of Georgia	89	30
3) Total Commercial fishing vessels bound for Washington ports in Puget Sound via Strait of Juan de Fuca and Strait of Georgia (Sum of 1 & 2 above)	218	104
4) Commercial fishing vessels bound for Canadian ports via Washington waters (Strait of Juan de Fuca)	12	4
5) Total commercial fishing vessels bound for Washington ports in Puget Sound or transiting Washington waters enroute to Canada (Sum of 3 & 4 above)	230	108
6) Factory fishing vessels/fish processors bound for Washington ports via Strait of Juan de Fuca	136	53
7) Factory fishing vessels/fish processors bound for Washington ports via Strait of Georgia	19	10
8) Total factory fishing vessels/fish processors bound for Washington ports in Puget Sound via Strait of Juan de Fuca and Strait of Georgia (Sum of 6 & 7 above)	155	63
9) Factory fishing vessels/fish processors bound for Canadian ports via Washington waters (Strait of Juan de Fuca)	40	12
10) Total factory fishing vessels/fish processors bound for Washington ports in Puget Sound or transiting Washington waters enroute to Canada (Sum of 8 & 9 above)	195	75
11) Grand total any type fishing vessel bound for all destinations (Sum of 5 & 10 above)	425	183

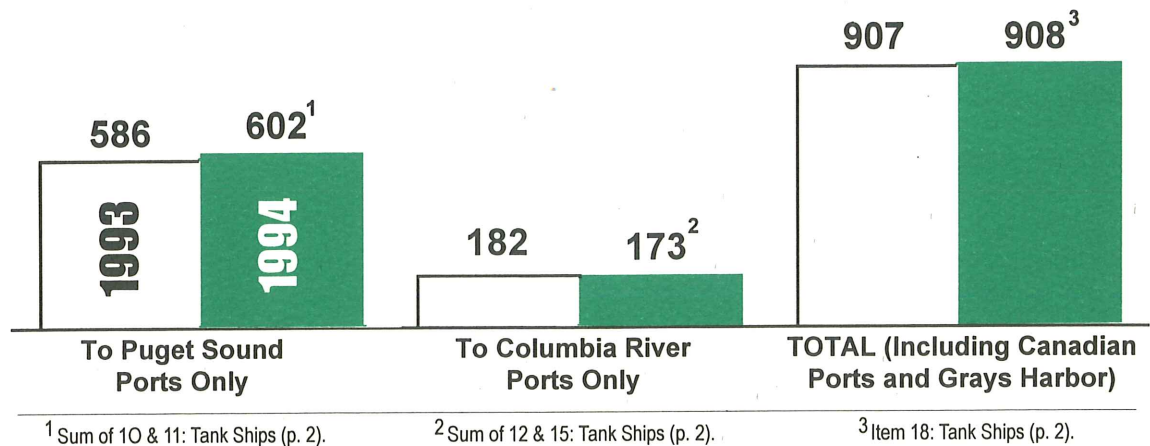


ANALYSIS: VEAT '93 AND VEAT '94 COMPARISON

Cargo and Passenger Vessels: Entering Transits into Washington Waters



Tank Ships: Entering Transits into Washington Waters





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DATA SOURCES

TOFINO VESSEL TRAFFIC (CANADIAN CG)

- Strait of Juan de Fuca and Puget Sound

VANCOUVER VESSEL TRAFFIC (CANADIAN CG)

- Strait of Georgia and Puget Sound

MERCHANTS EXCHANGE OF PORTLAND

- Columbia River and Snake River

PORT OF GRAYS HARBOR

- Grays Harbor/Aberdeen/Hoquiam

WASHINGTON STATE FERRIES

- Puget Sound ferry system

ALASKA MARINE HIGHWAY SYSTEM

- Washington/Alaska ferry traffic

BLACK BALL TRANSPORT, INC.

- Washington/Victoria ferry traffic

20 TANK BARGE OPERATORS

- Tank barge transits: Washington waters

WEYERHAEUSER CORPORATION

- Weyerhaeuser: Grays Harbor

RAYONIER

- Rayonier: Grays Harbor

PUGET SOUND PILOTS

- Tankers bound for lay-up in Puget Sound

COLUMBIA RIVER PILOTS

- Tankers bound for lay-up on Columbia River

TODD PACIFIC SHIPYARDS CORPORATION

- Tankers bound for Todd shipyard in Seattle

PORTLAND SHIPYARD

- Tankers bound for Portland shipyard

PREMIER EDIBLE OILS CORPORATION

- Edible oil tankers calling at Premier Edible Oils in Portland

OMS MARINE INFORMATION SYSTEM DATABASE

- Vessel data collected by OMS

AGENCY CONTACT

For more information about the data in this publication, please call:

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To request this publication in alternative format, contact the Office of Marine Safety ADA Coordinator at (360) 664-9110, or fax request to 1 (800) 664-9184.