

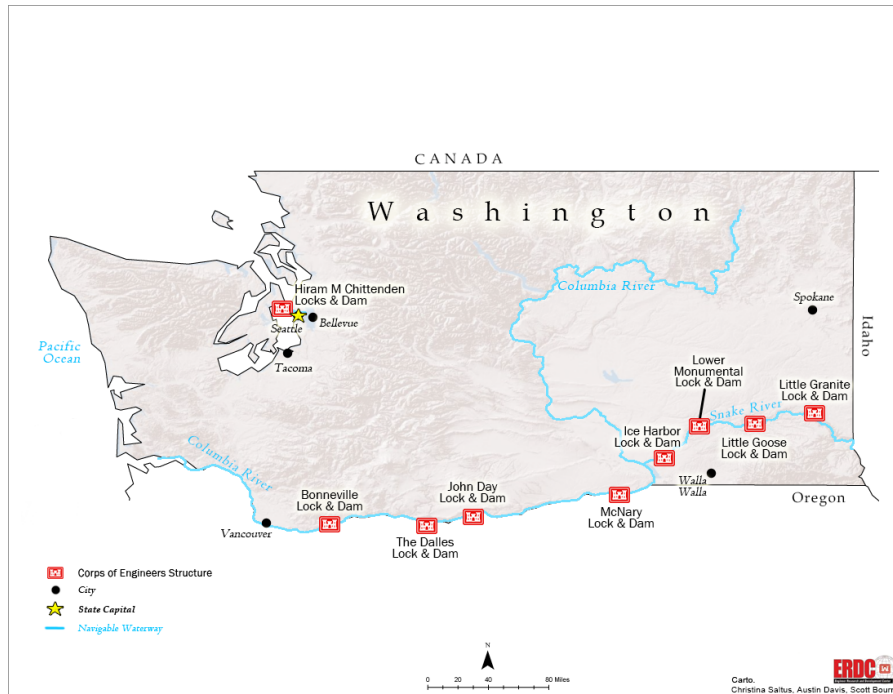


US Army Corps
of Engineers

Washington

U.S. ARMY CORPS OF ENGINEERS

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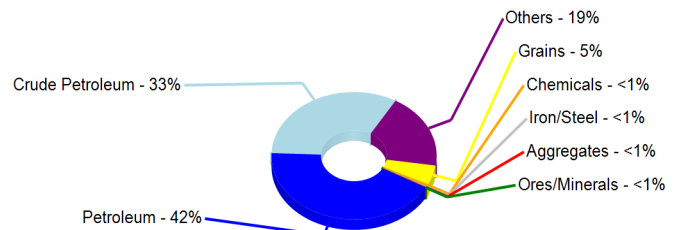


2016 State Quick Facts (Tons in Millions)

Tons Shipped -	76.0
Tons Received -	37.1
Tons Shipped Within State -	9.8
Total Commerical Docks -	239
Total Value (billions)-	\$24.70
Total Domestic Tons -	37.7
Total Import Tons -	21.4
Total Export Tons -	63.9
Total Tons -	122.9

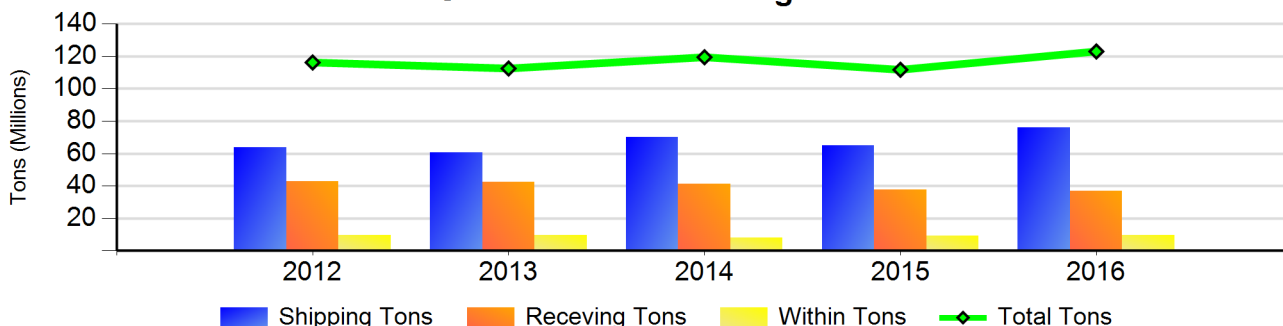
Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level (Commodity dollar values are not calculated for foreign movements)

2016 All Traffic Commodity Value Distribution



Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level. (Commodity dollar values are not calculated for foreign movements), Remaining 0% unable to release due to insufficient operators

State Five Year Tonnage Trend



Source: USACE Waterborne Commerce Statistics

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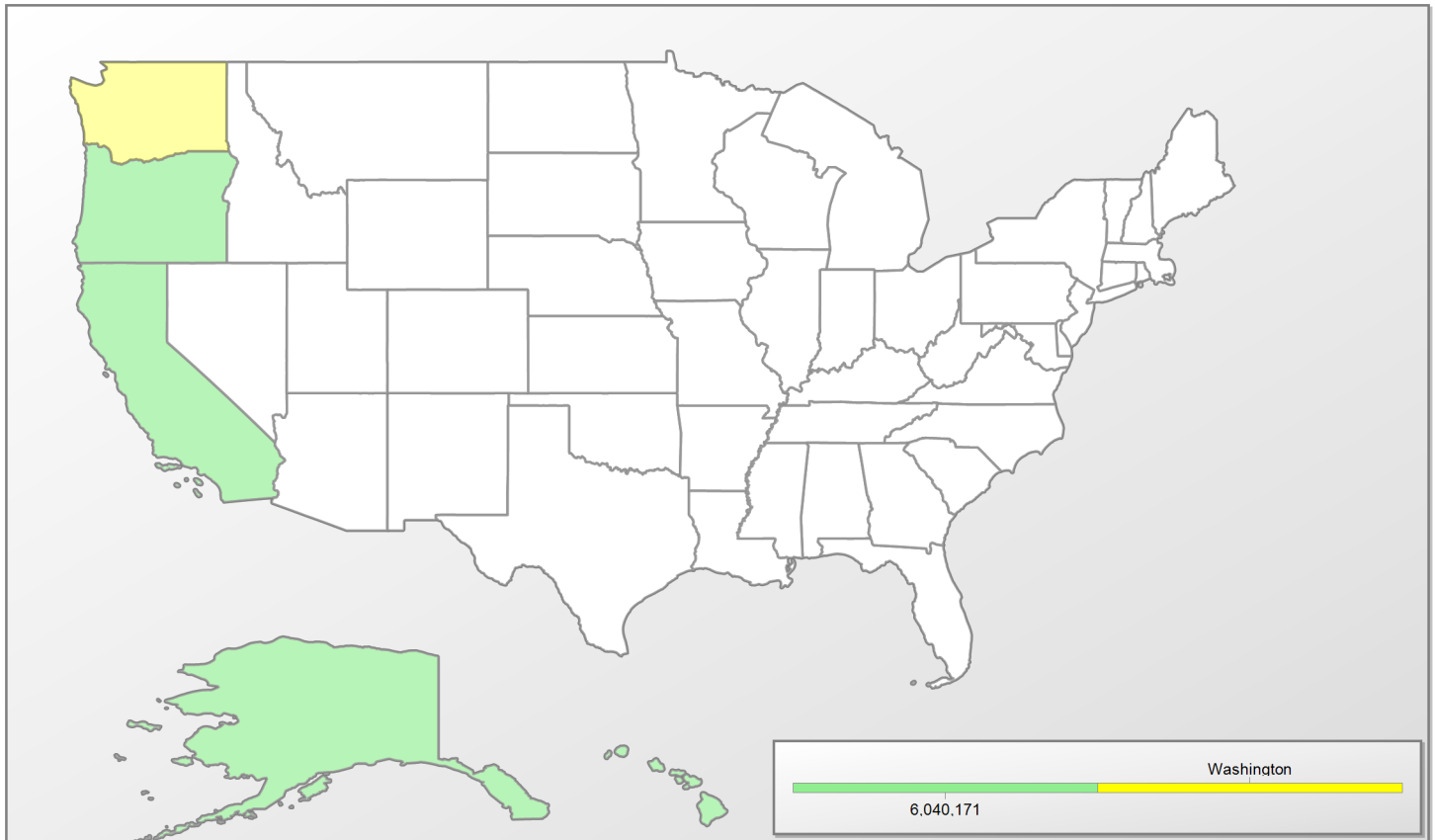
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Washington - Continued

2016 States Sending Commodities to Washington



Source: USACE Waterborne Commerce Statistics

State Sending Tons	Total Tonnage Sent to Washington	Top Commodity - % of Total Sent to Washington
Foreign	17,001,208	Others-62%
Alaska	13,442,014	Crude Petroleum-89%
Canada	4,366,626	**
Oregon	1,873,976	Petroleum-44%
California	342,684	Petroleum-77%
Hawaii	58,170	**

**Unknown and Not Elsewhere Classified Products

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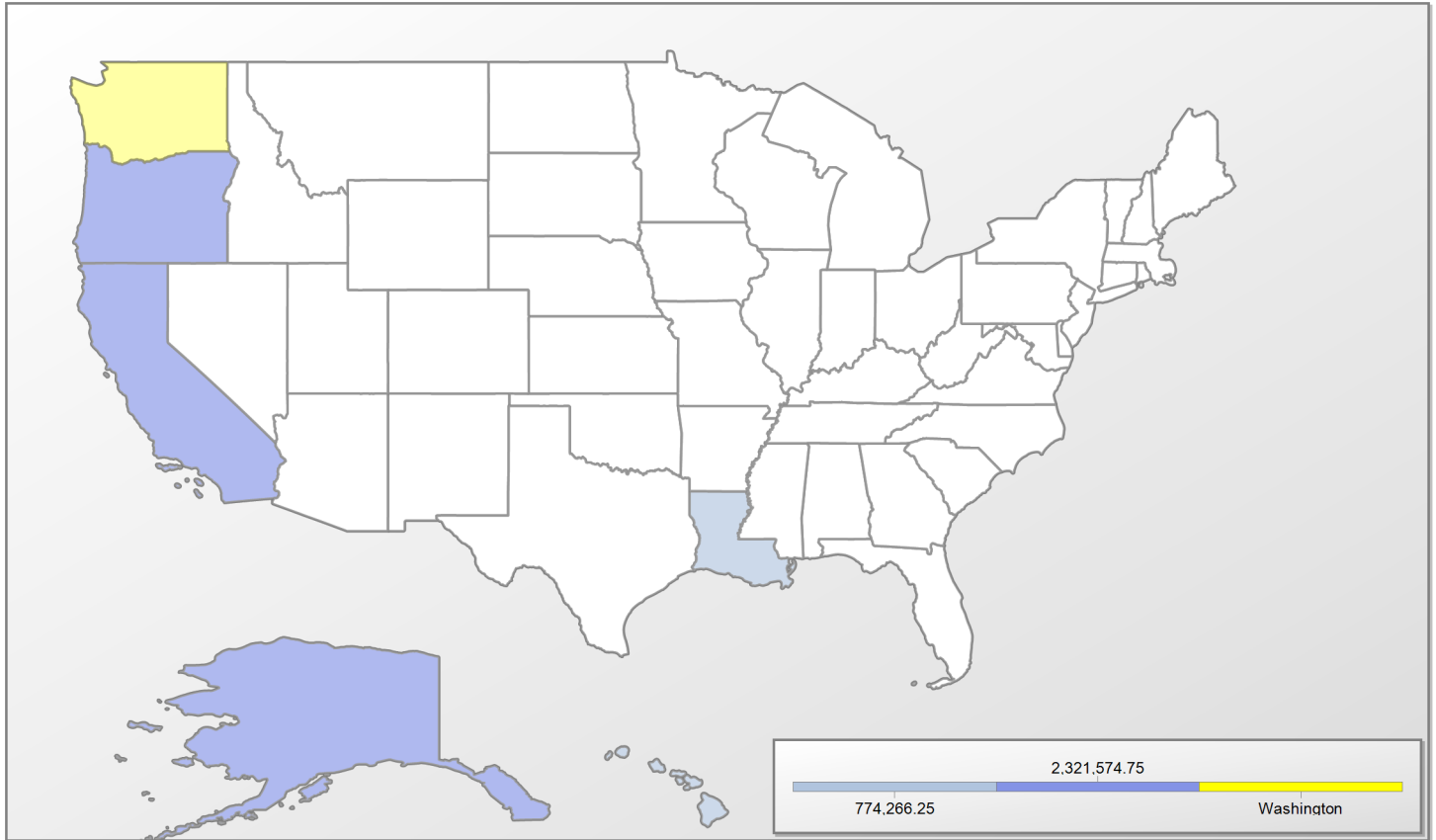
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Washington - Continued

2016 States Receiving Commodities From Washington



Source: USACE Waterborne Commerce Statistics

State Receiving Tons	Total Tonnage Recieved from Washington	Top Commodity - % of Total Recieved from Washington
Foreign	61,836,975	Grains-68%
Oregon	5,271,910	**
California	3,234,286	Petroleum-96%
Alaska	2,996,209	Others-72%
Canada	2,085,098	**
Hawaii	602,574	**
Louisiana	612	**

**Unknown and Not Elsewhere Classified Products

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Washington - Continued

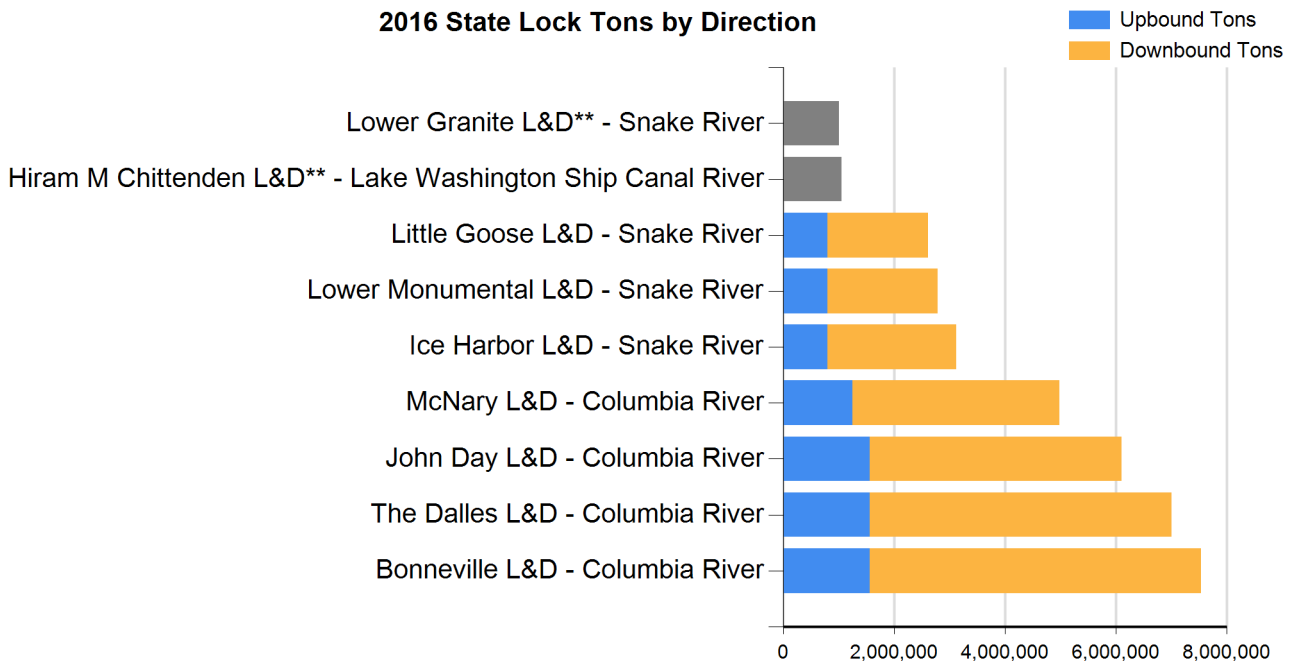
Five Year Trend of Tonnage Shipped or Received in Washington

Commodity Group	Avg Tonnage (Millions)	% of Total Tons (All Years)	Five Year Commodity Trend (Millions of Tons)				
Aggregates	5,971,335	5%	5.36 2012	5.60 2013	6.17 2014	5.84 2015	6.88 2016
Chemicals	2,628,237	2%	2.36 2012	2.62 2013	2.72 2014	2.83 2015	2.62 2016
Coal	44,327	**	** -2012	** -2013	** -2014	** -2015	** -2016
Crude Petroleum	16,960,416	15%	21.04 2012	19.84 2013	16.67 2014	13.94 2015	13.32 2016
Grains	37,050,977	32%	34.92 2012	29.46 2013	37.99 2014	36.69 2015	46.20 2016
Iron/Steel	3,354,286	3%	3.58 2012	3.06 2013	3.53 2014	3.50 2015	3.10 2016
Ores/Minerals	1,906,942	2%	2.15 2012	2.11 2013	1.94 2014	1.80 2015	1.52 2016
Others	32,357,573	28%	32.06 2012	34.25 2013	33.62 2014	30.78 2015	31.07 2016
Petroleum	16,243,334	14%	14.65 2012	15.45 2013	16.66 2014	16.23 2015	18.22 2016

Source: USACE Waterborne Commerce Statistics

** - Year = Insufficient Operators to Release Tonnage

2016 State Lock Tons by Direction



Source: USACE Waterborne Commerce Statistics

** - Insufficient operators to release directional tonnage

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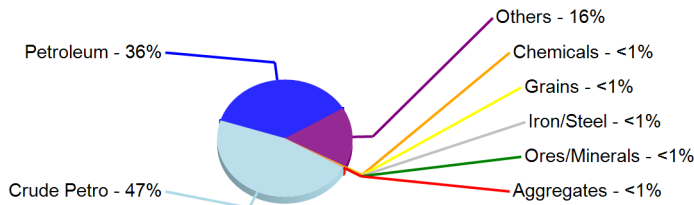
Washington - Continued

Commodity Value Distribution Charts by Waterway Type

Source: Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level
(Values Not Calculated for Foreign Movements)

2016 Coastal Traffic Commodity Value Distribution

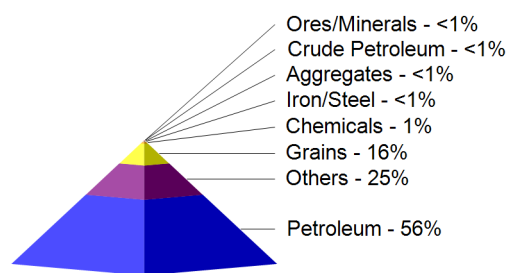
Total Value: \$17.32 (Billion)



Remaining <1% unable to release due to insufficient operators

2016 River Traffic Commodity Value Distribution

Total Value: \$7.38 (Billion)



Remaining <1% unable to release due to insufficient operators

Washington 2016 Top 5 Waterways (Tons in thousands; values in Millions of dollars)

Waterway Name	State Rank	Tons	Value
Puget Sound	1	83,607.8	\$25,207.6
Columbia River	2	41,052.9	\$1,413.3
Snake River	3	2,803.0	\$1,694.1
Grays Harbor, WA	4	**	**
Strait of Juan de Fuca	5	621.8	\$101.5

Commodity Values not calculated for foreign/coastal movements.

Source: USACE Waterborne Commerce Statistics, Values estimated from 2012 NDSU Commodity Valuation Study, values indexed by CPI to 2016 price level

** Insufficient operators to release tonnage

Washington 2016 Top 3 Ports (Tons in thousands)

Port Name	U.S. Rank	Type	Total Port Tons	Port Tons Within State
Tacoma, WA	17	Coastal	25,711.8	25,711.8
Seattle, WA	20	Coastal	24,204.0	24,204.0
Puget Sound Area, WA, Other Ports	24	Coastal	19,065.6	19,065.6

Source: USACE Waterborne Commerce Statistics

** Insufficient operators to release tonnage

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