

# Crude Oil Movement in Washington State



## Annual Movement by Mode

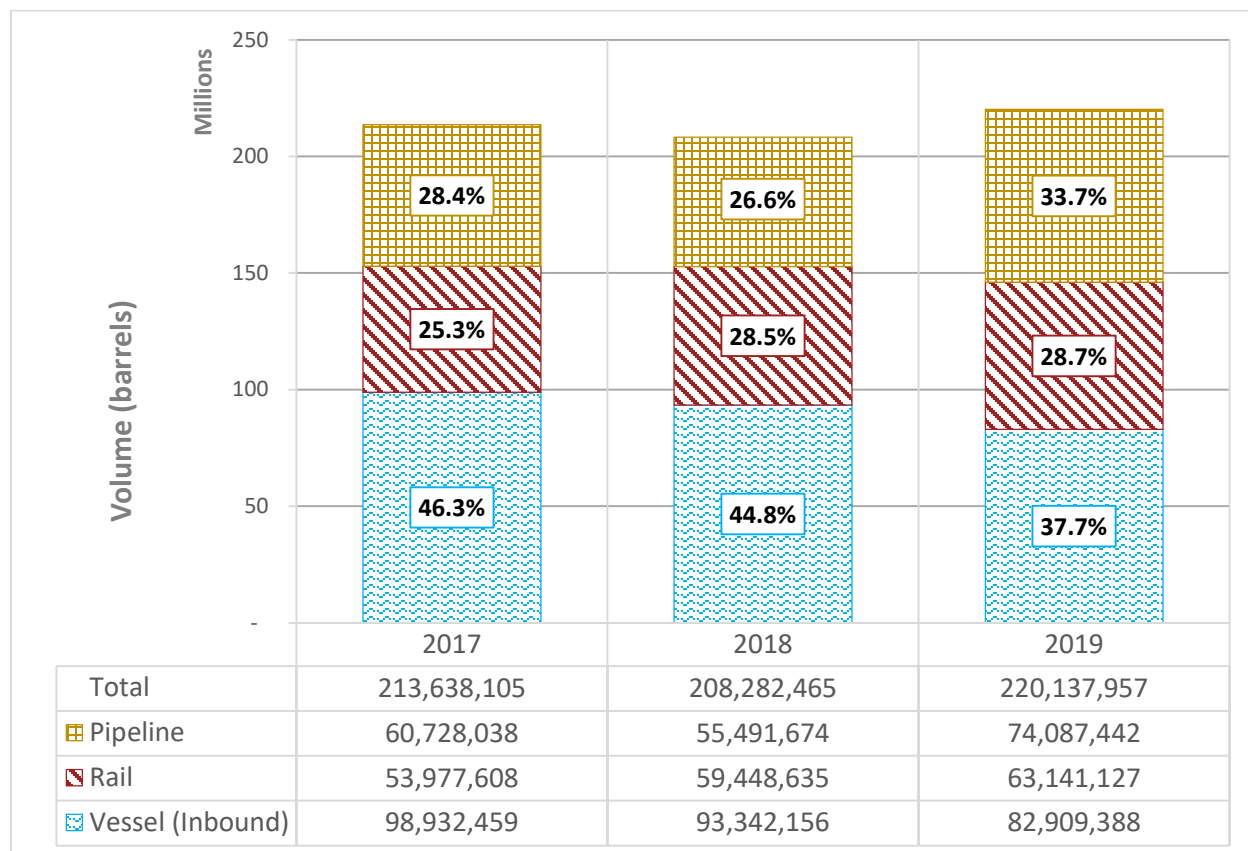


Figure 1: Total volume, in barrels, of crude oil transported into Washington, by mode of transport. <sup>1</sup>

<sup>1</sup> 1 barrel equals 42 gallons

\*Note: The information provided in this document is based on data available as of February 10<sup>th</sup>, 2020. It was reported to Ecology by regulated facilities, pipelines, and vessels as required by Chapters 173-180, 173-184, and 173-185 WAC. Ecology cannot confirm the data or verify its accuracy.

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## Vessel Shipments

Table 1: Number of transfers and volume, in barrels, of crude oil transported by vessel.

Transfer Type	2017 Transfers	2017 Volume	2018 Transfers	2018 Volume	2019 Transfers	2019 Volume
Inbound	301 (93.2%)	98,932,459 (96.4%)	286 (88.8%)	93,342,156 (95.6%)	238 (93.3%)	82,909,388 (97.0%)
Outbound	22 (6.8%)	3,636,943 (3.6%)	36 (11.2%)	4,334,714 (4.4%)	17 (6.7%)	2,530,109 (3.0%)
<b>Total</b>	<b>323</b>	<b>102,569,402</b>	<b>322</b>	<b>97,676,870</b>	<b>255</b>	<b>85,439,497</b>

## Rail Shipments, by Region of Origin

Table 2: Number of shipments and volume, in barrels, of crude oil transported by rail.

Crude Region of Origin	2017 Shipments	2017 Volume	2018 Shipments	2018 Volume	2019 Shipments	2019 Volume
North Dakota	726 (90.1%)	49,143,329 (91.0%)	794 (88.7%)	54,177,460 (91.1%)	850 (85.8%)	57,580,943 (91.2%)
Alberta	69 (8.6%)	4,235,715 (7.9%)	91 (10.2%)	4,856,505 (8.2%)	121 (12.2%)	4,272,667 (6.8%)
Saskatchewan	11 (1.4%)	598,564 (1.1%)	10 (1.1%)	414,670 (0.7%)	20 (2.0%)	1,287,517 (2.0%)
<b>Total</b>	<b>806</b>	<b>53,977,608</b>	<b>895</b>	<b>59,448,635</b>	<b>991</b>	<b>63,141,127</b>

## Pipeline Shipments, by Region of Origin

Table 3: Volume, in barrels, of crude oil transported by pipeline.

Crude Region of Origin	2017	2018	2019
Alberta	60,728,038	55,491,674	74,071,389
British Columbia	0	0	16,053
<b>Total</b>	<b>60,728,038</b>	<b>55,491,674</b>	<b>74,087,442</b>