APPENDIX 12

Pipeline Commodity Tables

INBOUND PIPELINE COMMODITY FLOWS by ORIGIN, 2024-2050

Source: USDOT/BTS Freight Analysis Framework ver. 5.7.1

ORIGIN by STATE	DESTINATION by STATE	COMMODITY	Tonnage (thousands of tons)		Pct. Change	Value (millions of dollars)		Pct. Change
			2024	*2050*		*2024*	*2050*	
05-Arkansas	42-Pennsylvania	16-Crude petroleum	0.861	1.123	30.4%	$0.278	$0.362	30.3%
10-Delaware	42-Pennsylvania	17-Gasoline	1,617.806	1,232.550	-23.8%	$803.936	$612.491	-23.8%
10-Delaware	42-Pennsylvania	18-Fuel oils	1,186.785	1,247.122	5.1%	$523.770	$550.398	5.1%
17-Illinois	42-Pennsylvania	16-Crude petroleum	5.648	5.744	1.7%	$1.780	$1.810	1.7%
18-Indiana	42-Pennsylvania	16-Crude petroleum	1.261	1.131	-10.4%	$0.398	$0.356	-10.4%
20-Kansas	42-Pennsylvania	16-Crude petroleum	23.455	23.398	-0.2%	$7.393	$7.375	-0.2%
21-Kentucky	42-Pennsylvania	16-Crude petroleum	1.691	1.144	-32.3%	$0.533	$0.361	-32.3%
21-Kentucky	42-Pennsylvania	20-Basic chemicals	0.992	2.854	187.8%	$4.940	$14.219	187.8%
22-Louisiana	42-Pennsylvania	16-Crude petroleum	100.363	78.393	-21.9%	$32.374	$25.287	-21.9%
22-Louisiana	42-Pennsylvania	17-Gasoline	890.383	1,318.793	48.1%	$440.677	$652.710	48.1%
26-Michigan	42-Pennsylvania	13-Nonmetallic minerals	5.571	0.000	-100.0%	$0.015	$0.000	-100.0%
26-Michigan	42-Pennsylvania	16-Crude petroleum	3.426	3.814	11.3%	$1.080	$1.202	11.3%
28-Mississippi	42-Pennsylvania	16-Crude petroleum	9.323	8.762	-6.0%	$3.007	$2.826	-6.0%
29-Missouri	42-Pennsylvania	16-Crude petroleum	0.056	0.074	34.1%	$0.018	$0.024	34.3%
31-Nebraska	42-Pennsylvania	16-Crude petroleum	1.374	1.442	4.9%	$0.433	$0.454	4.9%
34-New Jersey	42-Pennsylvania	17-Gasoline	2,943.234	2,072.589	-29.6%	$1,345.241	$947.302	-29.6%
35-New Mexico	42-Pennsylvania	16-Crude petroleum	70.758	33.753	-52.3%	$22.824	$10.888	-52.3%
36-New York	42-Pennsylvania	16-Crude petroleum	2,976.260	2,359.530	-20.7%	$947.218	$761.113	-19.6%
36-New York	42-Pennsylvania	19-Natural gas and other fossil products	946.712	2,285.802	141.4%	$179.432	$433.233	141.4%
38-North Dakota	42-Pennsylvania	16-Crude petroleum	334.347	250.786	-25.0%	$109.206	$79.045	-27.6%
39-Ohio	42-Pennsylvania	17-Gasoline	248.757	162.874	-34.5%	$102.958	$67.413	-34.5%
39-Ohio	42-Pennsylvania	18-Fuel oils	152.821	130.164	-14.8%	$64.623	$55.042	-14.8%
39-Ohio	42-Pennsylvania	19-Natural gas and other fossil products	0.652	1.168	79.1%	$0.114	$0.204	79.1%
40-Oklahoma	42-Pennsylvania	16-Crude petroleum	113.057	71.801	-36.5%	$35.634	$22.631	-36.5%
42-Pennsylvania	42-Pennsylvania	16-Crude petroleum	0.000	0.000	N/A	$0.000	$0.000	N/A
42-Pennsylvania	42-Pennsylvania	17-Gasoline	11,277.101	9,207.413	-18.4%	$5,724.792	$4,677.298	-18.3%
42-Pennsylvania	42-Pennsylvania	18-Fuel oils	7,420.318	8,363.924	12.7%	$3,525.743	$3,978.265	12.8%
42-Pennsylvania	42-Pennsylvania	19-Natural gas and other fossil products	37,119.595	34,432.879	-7.2%	$7,015.390	$6,537.281	-6.8%
42-Pennsylvania	42-Pennsylvania	20-Basic chemicals	0.172	0.581	238.5%	$0.003	$0.010	237.9%
48-Texas	42-Pennsylvania	16-Crude petroleum	268.838	205.563	-23.5%	$86.719	$66.308	-23.5%
54-West Virginia	42-Pennsylvania	19-Natural gas and other fossil products	10,492.674	14,932.233	42.3%	$1,789.364	$2,546.462	42.3%

OUTBOUND PIPELINE COMMODITY FLOWS by DESTINATION, 2024-2050

Source: USDOT/BTS Freight Analysis Framework ver. 5.7.1

ORIGIN by STATE	DESTINATION by STATE	COMMODITY	Tonnage (thousands of tons)		Pct. Change	Value (millions of dollars)		Pct. Change
			2024	*2050*		*2024*	*2050*	
42-Pennsylvania	10-Delaware	19-Natural gas and other fossil products	2,187.716	2,280.263	4.2%	$411.743	$429.161	4.2%
42-Pennsylvania	24-Maryland	19-Natural gas and other fossil products	17,978.945	15,340.519	-14.7%	$3,383.756	$2,887.187	-14.7%
42-Pennsylvania	26-Michigan	19-Natural gas and other fossil products	66.348	0.000	-100.0%	$9.127	$0.000	-100.0%
42-Pennsylvania	26-Michigan	20-Basic chemicals	47.659	46.418	-2.6%	$20.719	$20.180	-2.6%
42-Pennsylvania	34-New Jersey	17-Gasoline	2,482.574	3,080.942	24.1%	$1,306.387	$1,621.262	24.1%
42-Pennsylvania	34-New Jersey	18-Fuel oils	2,391.857	3,619.593	51.3%	$995.550	$1,506.447	51.3%
42-Pennsylvania	34-New Jersey	19-Natural gas and other fossil products	50,340.890	50,391.219	0.1%	$9,474.487	$9,483.959	0.1%
42-Pennsylvania	36-New York	07-Other foodstuffs	0.000	0.000	N/A	$0.000	$0.000	N/A
42-Pennsylvania	36-New York	18-Fuel oils	120.981	84.550	-30.1%	$55.688	$38.919	-30.1%
42-Pennsylvania	36-New York	19-Natural gas and other fossil products	43,765.267	38,216.720	-12.7%	$8,236.911	$6,711.201	-18.5%
42-Pennsylvania	36-New York	20-Basic chemicals	0.000	0.000	N/A	$0.000	$0.000	N/A
42-Pennsylvania	38-North Dakota	20-Basic chemicals	0.000	0.000	N/A	$0.000	$0.000	N/A
42-Pennsylvania	39-Ohio	19-Natural gas and other fossil products	10,224.022	7,748.471	-24.2%	$1,924.228	$1,458.313	-24.2%
42-Pennsylvania	42-Pennsylvania	16-Crude petroleum	0.000	0.000	N/A	$0.000	$0.000	N/A
42-Pennsylvania	42-Pennsylvania	17-Gasoline	11,277.101	9,207.413	-18.4%	$5,724.792	$4,677.298	-18.3%
42-Pennsylvania	42-Pennsylvania	18-Fuel oils	7,420.318	8,363.924	12.7%	$3,525.743	$3,978.265	12.8%
42-Pennsylvania	42-Pennsylvania	19-Natural gas and other fossil products	37,119.595	34,432.879	-7.2%	$7,015.390	$6,537.281	-6.8%
42-Pennsylvania	42-Pennsylvania	20-Basic chemicals	0.172	0.581	238.5%	$0.003	$0.010	237.9%
42-Pennsylvania	50-Vermont	19-Natural gas and other fossil products	21.229	0.000	-100.0%	$2.920	$0.000	-100.0%
42-Pennsylvania	54-West Virginia	19-Natural gas and other fossil products	9,995.325	10,902.198	9.1%	$1,881.186	$2,051.866	9.1%