

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices

dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019	55.59	55.48	51.49	W	51.70	49.17	53.24	53.68	53.50	52.58	53.60	56.32	50.50
2020	36.86	37.05	30.93	W	32.44	29.82	36.06	38.05	38.18	36.29	36.96	39.40	34.39
2021	65.84	66.08	59.68	W	60.17	59.03	64.02	64.66	65.15	64.01	61.94	67.37	61.89
2022													
January	80.33	80.60	76.19	W	75.97	76.00	79.02	79.18	78.97	78.79	77.53	82.39	77.04
February	89.41	89.71	84.99	W	85.01	84.51	88.18	88.23	88.15	87.84	86.33	87.66	85.88
March	107.07	107.40	101.85	W	102.15	101.04	105.87	105.25	104.95	105.37	103.22	104.00	103.23
April	103.34	103.56	95.44	W	95.53	94.49	100.74	98.69	98.92	98.80	96.49	97.23	96.65
May	108.29	108.43	103.36	W	103.38	102.66	106.46	106.70	106.35	106.42	104.46	104.81	104.02
June	113.77	113.87	108.17	W	108.03	107.83	112.18	110.77	110.63	110.71	108.66	110.23	108.96
July	100.84	100.84	93.48	W	93.93	92.67	98.37	97.12	97.44	96.47	95.42	95.31	94.67
August	93.76	93.73	85.47	W	85.59	84.66	90.84	88.20	88.57	88.44	86.36	87.36	86.65
September	84.62	84.41	77.66	W	77.74	77.04	81.47	80.73	80.77	80.46	78.80	79.79	78.36
October	86.61	86.41	80.44	W	80.66	79.87	84.34	83.50	83.47	83.06	81.43	82.39	81.24
November	84.43	84.24	77.44	W	77.66	76.83	82.08	81.10	81.10	80.70	78.87	79.81	78.82
December	76.45	76.19	69.81	W	69.91	69.16	73.59	73.66	73.75	73.12	71.46	72.42	71.02
2022	93.97	94.00	87.82	W	88.43	86.87	92.03	91.32	91.11	91.15	89.50	89.98	89.20
2023													
January	75.71	75.65	70.06	W	70.46	69.46	74.38	75.32	75.13	74.62	72.98	73.05	72.31
February	74.32	74.49	67.56	W	67.78	67.28	73.09	73.63	73.53	72.86	71.49	72.52	70.71
March	72.09	72.36	64.01	W	63.86	63.80	70.06	70.22	70.20	69.42	67.91	68.85	67.42
April	77.22	77.53	70.09	W	70.08	69.48	75.74	75.93	75.60	75.36	73.57	73.92	73.45
May	70.14	70.34	62.63	W	62.92	62.08	67.87	68.55	68.61	67.77	66.23	66.59	65.67
June	68.58	68.70	61.25	W	61.85	60.56	66.51	67.35	67.12	66.63	65.04	65.12	64.43
July	74.05	74.15	66.56	W	67.37	65.71	71.98	72.48	72.15	70.65	70.08	70.80	69.71
August	79.78	79.84	71.96	W	72.95	71.06	77.54	78.19	77.88	77.63	75.75	76.14	75.41
September	87.96	88.10	80.18	W	80.88	79.25	85.71	85.77	85.24	85.49	83.27	84.17	83.33
October	84.65	84.77	76.31	W	76.79	75.47	81.99	82.67	82.63	82.21	80.31	80.35	79.74
November	77.46	77.45	68.09	W	67.84	67.46	74.13	74.10	74.53	73.99	72.32	72.49	71.71

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)				Average	PAD District 3					Federal Offshore Gulf	
	ND	OH	OK	SD		AL	AR	LA	MS	NM		TX
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019	52.60	52.30	54.60	50.91	55.85	57.73	51.40	59.47	57.65	53.01	55.04	59.46
2020	35.63	33.36	37.05	32.72	37.31	36.19	35.16	38.91	37.76	36.86	37.17	37.96
2021	63.12	61.39	66.02	62.88	66.54	64.58	62.00	66.49	65.10	66.92	66.86	65.43
2022												
January	78.16	77.12	80.93	77.98	81.02	79.55	76.74	81.83	80.19	81.85	81.84	77.79
February	87.60	85.93	89.84	87.69	90.18	88.77	86.04	91.37	89.31	91.24	91.05	86.55
March	105.14	103.26	107.84	105.28	107.77	107.01	103.32	109.42	107.49	109.20	108.88	102.81
April	100.42	96.07	102.54	99.34	104.26	101.89	96.41	104.20	102.24	104.37	104.22	104.48
May	105.64	103.89	108.38	106.04	108.95	106.99	104.15	109.61	107.93	109.73	109.37	106.82
June	111.86	108.43	113.85	111.79	114.39	112.78	108.24	115.18	112.94	114.91	115.09	111.67
July	98.01	94.64	100.26	97.36	101.51	98.10	94.32	101.06	98.48	101.77	101.58	101.28
August	90.86	86.13	92.39	90.47	94.50	91.36	84.16	93.84	91.59	94.75	94.52	94.46
September	81.27	78.69	82.65	80.44	85.05	81.98	78.09	84.69	83.05	84.87	84.88	86.01
October	84.43	81.28	85.12	82.72	86.86	84.02	80.95	87.00	85.26	87.22	87.18	85.55
November	82.09	77.95	83.21	81.13	84.70	82.21	78.91	85.25	83.18	85.23	85.00	83.26
December	72.98	70.40	75.23	72.72	76.78	75.21	71.01	77.80	75.49	76.82	76.41	78.07
2022	91.53	88.55	93.82	91.65	94.49	92.36	88.62	95.24	92.96	94.50	94.92	93.12
2023												
January	73.71	72.23	75.89	73.60	75.97	73.08	72.74	76.80	75.08	76.52	76.52	73.73
February	72.68	70.58	74.32	71.29	74.83	72.19	71.10	75.59	73.98	75.21	75.11	73.62
March	70.01	66.30	70.89	68.41	72.91	69.65	67.45	73.41	71.79	73.04	72.86	73.07
April	75.41	71.85	77.01	74.32	78.00	75.23	73.83	79.05	77.54	78.52	78.11	77.11
May	67.24	64.40	69.42	66.10	70.98	68.09	66.06	70.75	69.18	70.25	70.62	73.17
June	65.80	63.20	68.15	64.43	69.22	66.51	64.72	69.59	68.16	69.08	68.94	70.45
July	71.49	68.24	73.55	69.62	74.64	71.84	70.33	75.10	73.54	74.85	74.83	73.88
August	76.87	73.59	79.20	75.80	80.37	77.52	75.42	80.85	79.61	80.60	80.51	79.77
September	85.05	82.03	87.65	84.84	88.69	85.97	83.33	89.38	88.03	89.01	89.03	87.37
October	81.04	78.30	84.51	80.57	85.42	82.07	79.97	85.56	84.50	84.48	85.44	86.33
November	72.81	69.89	77.92	72.45	78.30	74.56	71.63	78.31	76.79	77.28	77.88	80.91

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore CA
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W
2019	50.72	50.89	50.26	48.32	51.53	59.94	57.55	W	62.98	W
2020	33.33	31.40	33.21	34.91	34.34	36.65	33.98	W	40.21	W
2021	63.61	65.94	62.38	60.60	64.18	64.63	62.20	-	68.33	W
2022										
January	77.69	79.36	77.74	73.00	78.76	78.34	76.33	-	81.62	W
February	86.19	88.26	87.40	79.01	88.31	86.93	84.94	-	90.18	W
March	102.73	105.16	104.64	93.16	106.05	105.62	102.50	-	111.02	W
April	96.97	98.52	99.32	87.78	100.38	102.20	99.65	-	106.07	W
May	103.69	105.51	105.47	94.78	106.54	107.80	106.20	-	110.44	W
June	109.22	110.72	111.36	99.58	112.65	113.24	112.26	-	114.91	W
July	94.71	96.56	96.18	85.40	97.72	101.64	100.77	-	103.04	W
August	86.92	88.87	88.95	77.80	90.16	95.00	94.32	-	96.04	W
September	79.02	81.29	80.05	71.53	81.20	87.92	87.92	-	87.95	W
October	82.00	84.63	82.99	74.25	84.13	89.76	89.74	-	89.84	W
November	80.06	82.87	81.25	71.95	82.34	87.46	87.35	-	87.70	W
December	72.47	74.91	72.74	65.45	74.84	79.07	80.54	-	76.61	W
2022	89.26	91.84	90.58	80.87	91.60	94.66	93.56	-	96.51	W
2023										
January	73.41	75.30	73.86	67.99	74.47	76.46	76.62	-	76.20	W
February	71.92	73.72	72.44	66.52	73.07	73.21	71.48	-	76.43	W
March	68.97	70.84	70.35	63.15	70.37	69.73	67.40	-	73.90	W
April	74.38	76.58	75.52	67.72	76.06	74.20	71.29	-	78.74	W
May	66.71	68.92	66.96	61.36	68.09	68.53	66.75	-	71.66	W
June	65.20	67.09	65.03	59.83	66.63	68.17	66.58	-	71.07	W
July	70.92	72.51	71.10	64.98	72.45	73.89	72.37	-	76.51	W
August	76.27	78.25	77.94	69.68	77.65	80.09	78.52	-	82.46	W
September	84.28	86.54	85.41	76.50	86.21	86.97	85.37	-	89.80	W
October	80.45	83.04	81.07	73.11	82.13	84.15	82.38	-	87.10	W
November	72.58	75.61	72.46	66.10	73.52	78.05	77.66	-	78.91	W

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 19. Domestic crude oil first purchase prices for selected crude streams

dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019	57.55	62.57	61.00	60.92	58.88	58.14	54.14	53.51	52.21
2020	33.98	40.26	39.04	38.12	38.10	36.89	37.35	37.35	34.95
2021	62.20	67.83	67.22	67.54	66.11	65.42	67.49	66.77	64.66
2022									
January	76.33	W	80.68	81.41	83.25	80.57	82.08	81.32	79.90
February	84.94	W	89.23	90.91	91.98	88.12	91.30	90.33	89.67
March	102.50	W	110.08	107.66	110.14	105.50	109.32	108.04	107.40
April	99.65	W	105.32	106.17	105.87	102.44	104.83	103.48	101.64
May	106.20	W	109.72	110.48	110.51	107.60	109.91	108.66	107.67
June	112.26	W	114.23	W	115.97	112.37	115.22	114.60	113.99
July	100.77	W	102.82	103.02	102.60	96.45	102.36	101.34	99.49
August	94.32	W	95.52	96.38	95.40	91.55	94.92	95.04	92.33
September	87.92	W	88.35	88.22	86.44	83.12	85.62	84.28	82.80
October	89.74	W	88.38	88.60	88.20	84.98	87.84	85.86	85.67
November	87.35	W	86.61	86.43	85.16	81.66	85.40	83.32	84.31
December	80.54	W	74.87	80.13	79.48	73.90	76.87	74.43	77.37
2022	93.56	95.43	96.03	96.77	96.87	92.36	95.18	94.29	93.59
2023									
January	76.62	W	72.92	75.86	77.66	72.22	77.12	74.75	76.55
February	71.48	W	73.27	76.21	77.40	71.85	75.61	73.15	74.88
March	67.40	W	72.75	76.04	74.62	70.62	73.38	71.04	71.90
April	71.29	W	77.79	80.41	80.43	77.14	78.26	77.44	77.29
May	66.75	W	70.63	73.52	73.93	69.96	71.16	69.36	69.09
June	66.58	W	69.37	72.47	73.08	68.88	69.40	68.26	67.45
July	72.37	W	75.24	76.63	76.27	74.62	75.16	74.39	73.16
August	78.52	W	80.98	82.04	82.38	81.26	80.90	80.21	78.28
September	85.37	W	88.00	90.45	90.42	89.03	89.32	88.81	87.10
October	82.38	W	85.67	87.17	87.22	85.15	86.09	84.57	83.09
November	77.66	W	77.13	82.19	80.38	77.55	78.52	76.54	74.31

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-182, Domestic Crude Oil First Purchase Report.

Table 20. Domestic crude oil first purchase prices by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019	62.43	62.03	57.27	57.20	54.35	55.12
2020	40.03	40.15	33.93	37.44	37.34	36.74
2021	67.71	68.11	62.10	66.37	67.37	65.47
2022						
January	81.43	81.99	76.21	80.70	81.96	80.56
February	90.01	90.77	84.89	89.21	91.18	89.83
March	110.85	110.83	102.42	106.58	109.18	107.64
April	106.37	105.63	99.50	103.64	104.53	103.07
May	110.40	110.55	106.07	108.53	109.72	108.19
June	114.72	115.54	112.10	113.55	115.05	113.77
July	102.48	102.33	100.45	99.53	102.08	100.21
August	94.94	96.07	93.88	93.67	94.61	93.19
September	87.39	86.90	87.55	84.22	85.39	83.45
October	88.61	88.47	89.39	85.77	87.69	86.17
November	86.63	87.26	86.96	83.11	85.32	84.13
December	75.38	76.71	80.10	75.55	76.89	75.64
2022	96.25	96.20	93.31	93.73	95.05	93.61
2023						
January	74.12	76.14	76.30	73.97	77.08	75.65
February	74.30	76.04	71.22	73.18	75.59	74.37
March	72.70	73.86	67.21	71.82	73.28	71.97
April	77.96	79.28	71.19	77.77	78.24	77.46
May	71.10	72.02	66.61	70.45	71.03	69.25
June	70.32	70.78	66.43	69.40	69.29	67.94
July	75.78	76.54	72.23	74.78	75.02	73.65
August	81.71	82.29	78.35	80.96	80.74	79.20
September	88.78	89.90	85.21	89.09	89.16	87.60
October	86.45	86.93	82.15	85.34	85.88	84.04
November	77.85	79.28	77.36	78.12	78.23	76.25

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 21. F.O.B.[a] costs of imported crude oil by selected country

dollars per barrel

Year month	Selected countries								Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Persian Gulf[b]		
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019	66.97	60.61	56.72	67.21	63.48	65.20	48.57	61.43	62.11	52.36
2020	W	36.03	36.00	W	35.35	43.39	-	36.06	38.34	33.22
2021	75.02	66.15	64.42	73.83	68.43	W	-	66.72	69.18	60.93
2022										
January	-	W	75.35	W	93.17	-	-	88.59	88.47	70.67
February	W	93.28	86.36	W	W	-	-	96.33	98.86	84.37
March	W	W	100.84	W	W	-	-	106.35	111.95	98.36
April	W	105.21	99.50	W	W	-	-	104.95	109.49	97.13
May	W	108.83	104.49	W	W	-	-	W	115.18	102.14
June	W	W	109.97	W	W	-	-	102.09	113.76	105.86
July	W	100.17	94.65	W	W	-	-	95.97	103.06	90.27
August	W	W	86.09	W	W	-	-	W	102.01	79.67
September	W	W	80.31	W	W	-	-	W	91.38	73.26
October	-	W	79.36	W	W	-	-	W	90.66	72.59
November	-	W	78.10	W	W	-	-	W	86.10	66.81
December	-	76.45	68.84	W	W	-	-	W	84.75	61.61
2022	W	93.57	89.32	W	95.58	-	-	92.34	99.69	83.86
2023										
January	-	W	67.10	W	W	-	-	W	81.57	60.48
February	-	W	66.16	W	W	-	-	75.45	78.39	59.29
March	W	W	62.28	W	W	-	-	W	85.82	60.25
April	W	W	68.75	W	W	-	-	78.68	81.50	66.52
May	-	W	64.26	W	W	-	-	W	77.42	62.00
June	W	W	64.72	W	W	-	W	W	78.44	61.45
July	W	W	70.57	W	W	-	W	W	80.45	68.28
August	W	W	76.73	W	W	-	W	W	88.21	74.81
September	W	-	83.26	W	W	-	W	W	R89.30	R78.62
October	-	W	82.27	W	-	-	W	-	R85.80	R75.35
November	W	W	72.97	W	-	-	W	W	81.25	67.53

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.51	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019	68.58	51.10	62.83	57.96	68.78	64.86	66.65	52.36	63.27	63.41	54.65
2020	41.03	33.81	41.04	37.18	46.24	35.84	44.51	-	37.98	39.28	35.95
2021	75.50	61.30	69.25	65.48	73.90	72.69	74.71	-	71.39	71.90	63.87
2022											
January	-	70.59	80.05	76.61	W	99.72	-	-	91.69	90.76	73.48
February	W	83.74	88.88	87.58	W	98.89	-	-	95.19	97.10	86.08
March	W	98.64	102.26	101.01	W	107.60	W	-	107.26	110.00	100.34
April	W	98.21	105.22	101.10	W	109.85	W	-	107.88	109.80	99.76
May	W	102.21	109.15	105.75	W	109.86	W	-	108.01	111.88	104.18
June	W	106.00	113.95	111.36	W	104.51	W	-	105.87	110.42	109.22
July	W	92.01	102.16	96.88	W	96.55	W	-	96.23	100.78	95.27
August	W	82.09	93.50	88.76	W	93.83	W	-	92.18	98.00	86.80
September	W	74.65	90.55	82.61	W	88.98	W	-	86.85	90.30	79.86
October	-	74.03	88.05	81.63	W	84.41	W	-	83.27	88.60	76.95
November	-	68.22	84.35	81.36	W	84.85	W	-	81.95	86.48	73.31
December	-	61.24	78.09	71.93	94.36	81.96	88.83	-	79.36	85.37	66.64
2022	112.44	84.39	95.19	91.18	108.45	97.51	105.28	-	95.41	98.71	87.89
2023											
January	-	60.07	74.96	69.16	90.66	81.36	W	W	76.16	79.79	64.48
February	W	59.79	74.04	68.25	88.51	83.08	-	W	77.46	77.91	63.14
March	W	61.72	70.27	66.03	W	83.45	W	W	77.48	78.84	64.32
April	W	67.10	74.63	71.17	W	80.52	W	63.32	78.48	78.09	69.71
May	W	65.42	71.70	66.38	W	79.74	76.76	W	76.13	74.85	67.19
June	W	65.76	71.73	66.81	W	81.42	-	59.14	77.62	76.90	67.60
July	W	68.43	74.85	71.71	W	91.43	W	69.75	85.61	83.79	71.35
August	W	75.27	82.64	77.38	W	91.92	92.43	76.98	85.89	86.11	77.30
September	W	R80.16	87.43	R84.07	W	W	W	W	R88.73	R90.47	R82.19
October	-	R76.24	R86.20	R83.08	W	-	-	80.00	85.96	R85.73	R79.16
November	W	68.15	77.86	75.99	W	W	W	W	79.40	81.19	71.72

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007–present), Congo (Brazzaville) (June 2018–present), Ecuador (January 2008–April 2020), Equatorial Guinea (May 2017–present), Gabon (July 2016–present), Indonesia (1997–2008 and January 2016–November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997–2018), Saudi Arabia, United Arab Emirates, and Venezuela. Ecuador left OPEC effective January 1, 2020.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019	52.06	50.37	56.25	60.66	56.02	64.95	66.00
2020	29.67	31.85	35.78	38.34	35.58	45.09	W
2021	58.70	58.10	62.18	67.33	69.44	73.13	72.62
2022							
January	65.70	67.99	71.09	82.93	82.18	W	-
February	81.00	80.83	90.24	94.84	100.50	W	-
March	92.40	95.66	101.98	107.97	111.64	108.49	-
April	93.31	94.58	96.73	104.76	112.45	W	-
May	99.63	99.29	105.19	110.57	115.29	W	-
June	102.32	102.14	112.48	112.60	119.25	W	W
July	79.25	85.03	95.24	102.65	114.23	W	-
August	73.54	75.48	95.45	94.56	104.37	106.51	-
September	67.63	70.34	83.37	88.07	91.80	W	-
October	67.64	69.26	75.85	84.46	94.24	95.47	-
November	58.42	62.68	68.87	83.72	90.93	W	-
December	53.90	57.57	61.31	78.25	85.10	93.34	-
2022	76.66	80.25	89.05	95.86	103.92	103.76	W
2023							
January	52.57	55.79	65.35	75.88	83.96	W	-
February	51.90	56.13	55.74	73.60	80.94	-	-
March	57.21	56.93	75.58	73.32	81.77	W	W
April	61.59	63.16	73.16	78.08	82.71	W	-
May	57.21	59.33	62.11	72.19	75.97	W	-
June	57.23	58.62	63.62	71.93	73.13	W	-
July	63.98	65.65	74.02	77.64	80.87	W	-
August	71.32	72.13	76.60	83.48	79.82	86.44	W
September	76.60	R76.14	R79.58	R88.93	91.11	W	-
October	R69.89	R71.15	R77.60	R86.94	R86.24	W	W
November	61.21	63.84	73.10	80.64	80.73	W	-

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W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 24. Landed costs of imported crude oil by API gravity

dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019	55.35	52.45	59.50	62.18	58.78	64.00	66.06
2020	34.60	34.13	38.84	39.12	40.34	47.97	44.32
2021	63.66	61.05	65.90	70.39	69.86	72.74	72.57
2022							
January	73.03	70.49	75.95	86.90	81.52	90.82	W
February	85.61	82.78	87.32	94.80	95.50	99.74	W
March	99.40	97.95	101.75	107.27	109.10	110.77	W
April	98.25	96.81	101.92	107.87	109.60	111.85	-
May	105.20	100.61	108.23	110.46	114.14	116.09	W
June	109.00	104.96	113.70	112.36	117.86	118.88	W
July	90.70	89.67	98.53	105.01	111.21	108.82	W
August	83.92	80.07	94.86	98.25	103.32	105.61	-
September	75.78	73.96	86.39	91.75	91.86	101.89	W
October	76.94	72.38	79.65	87.66	92.07	95.88	-
November	72.38	67.63	79.43	87.20	87.74	93.83	-
December	66.13	60.55	69.36	81.95	81.17	93.18	W
2022	86.22	83.33	92.10	97.90	100.25	105.16	104.94
2023							
January	63.38	57.73	67.53	80.28	80.93	88.73	W
February	58.48	58.26	66.69	79.60	75.25	82.85	W
March	60.91	59.74	65.93	77.84	74.75	84.75	W
April	67.35	65.03	73.34	79.45	78.29	83.38	W
May	63.02	63.79	67.01	76.48	76.15	81.69	74.26
June	64.00	64.19	69.43	76.80	75.99	82.08	W
July	70.08	69.03	74.23	81.01	78.49	80.02	W
August	76.96	74.30	78.04	84.88	82.67	87.70	W
September	82.12	R79.21	R83.41	R89.20	89.28	91.63	W
October	R77.10	R75.25	R80.17	R89.21	R87.33	R92.31	W
November	68.84	66.89	73.51	82.94	83.26	90.06	-

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R = Revised data.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 25. Percentages of total imported crude oil by API gravity percent by interval

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019	12.42	43.34	11.30	20.05	9.16	2.16	1.58
2020	12.82	47.40	8.92	22.32	5.75	1.38	1.41
2021	11.26	45.66	7.50	24.53	8.44	1.16	1.45
2022							
January	9.97	45.83	10.96	22.74	9.05	W	W
February	8.64	49.28	8.97	22.38	8.11	W	W
March	11.34	48.36	9.05	20.92	7.26	W	W
April	10.69	46.50	6.80	25.58	8.70	1.73	-
May	9.56	47.69	8.97	19.89	10.34	W	W
June	8.82	46.15	11.05	23.04	7.12	W	W
July	10.47	47.98	7.91	24.83	5.96	W	W
August	13.13	45.27	8.04	21.55	8.93	3.09	-
September	11.36	42.80	10.47	26.27	6.69	W	W
October	12.82	48.56	8.05	19.44	7.02	4.11	-
November	9.65	52.24	9.01	19.23	7.86	2.00	-
December	10.04	49.29	6.76	24.53	6.22	W	W
2022	10.54	47.48	8.84	22.55	7.75	2.46	0.38
2023							
January	8.01	48.02	9.60	22.86	7.63	W	W
February	9.65	49.18	10.79	19.82	8.34	W	W
March	10.35	49.27	7.68	24.47	4.71	W	W
April	10.19	45.13	9.99	27.90	4.33	W	W
May	7.57	46.33	11.27	24.28	7.11	1.93	1.50
June	11.80	43.41	9.60	23.57	8.18	W	W
July	12.52	44.88	8.94	25.83	5.80	W	W
August	12.90	43.42	10.67	22.76	6.17	W	W
September	R13.01	R46.82	R9.45	R22.02	R7.01	W	W
October	R11.90	R50.77	R10.77	R17.93	R6.40	W	W
November	13.19	47.68	9.61	18.89	9.02	1.61	-

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Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018	-	63.19	63.02	-	W
2019	W	59.43	57.35	-	-
2020	W	W	36.74	W	-
2021	W	64.79	64.01	W	-
2022					
January	W	-	74.78	-	-
February	-	-	85.52	-	-
March	-	-	100.87	-	-
1st quarter average	W	-	86.73	-	-
April	-	-	98.47	W	-
May	-	-	103.35	W	-
June	-	-	109.25	-	-
2nd quarter average	-	-	104.03	W	-
July	-	-	92.13	-	-
August	-	-	84.02	W	-
September	-	-	78.44	W	-
3rd quarter average	-	-	85.91	W	-
October	-	-	77.71	W	-
November	-	-	75.40	-	-
December	-	-	67.67	W	-
4th quarter average	-	-	73.03	W	-
2022	W	-	88.62	W	-
2023					
January	-	-	64.83	-	-
February	-	-	64.39	-	-
March	-	-	60.67	-	-
1st quarter average	-	-	63.28	-	-
April	-	-	67.17	-	-
May	-	-	61.86	W	-
June	-	-	62.91	W	-
2nd quarter average	-	-	63.77	W	-
July	-	-	69.28	W	-
August	-	-	76.16	-	-
September	-	-	84.20	-	-
3rd quarter average	-	-	75.91	W	-
October	-	-	79.89	-	-
November	-	-	71.67	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 27. Landed costs of imported crude oil for selected crude streams

dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018	72.51	W	42.83	57.93	W
2019	67.75	-	47.62	54.05	52.58
2020	W	-	30.27	35.88	W
2021	W	-	56.98	64.93	W
2022					
January	-	-	66.25	78.60	W
February	-	-	79.84	87.09	-
March	-	-	96.19	105.05	-
1st quarter average	-	-	80.19	92.32	W
April	-	-	91.92	104.49	-
May	-	-	97.07	107.74	-
June	W	-	102.55	112.20	-
2nd quarter average	W	-	97.78	107.61	-
July	-	-	85.45	100.69	-
August	W	-	73.50	91.84	-
September	-	-	66.24	84.25	-
3rd quarter average	W	-	75.68	89.99	-
October	100.57	-	69.45	84.27	-
November	-	-	60.97	82.88	-
December	-	-	53.11	74.95	-
4th quarter average	100.57	-	61.29	81.33	-
2022	110.45	-	78.92	92.82	W
2023					
January	W	-	52.64	74.15	-
February	-	-	55.43	70.56	-
March	-	-	54.92	69.82	-
1st quarter average	W	-	54.36	71.39	-
April	-	-	65.88	73.91	-
May	-	-	58.56	70.97	-
June	-	-	59.68	69.03	-
2nd quarter average	-	-	61.26	71.26	-
July	-	-	66.63	71.49	-
August	W	-	72.68	77.36	-
September	-	-	77.05	85.56	-
3rd quarter average	W	-	71.58	77.70	-
October	-	-	70.62	83.32	-
November	-	-	61.54	76.65	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018	67.94	65.09	65.43	63.62	-
2019	62.80	58.80	61.37	58.45	W
2020	44.49	40.60	45.41	37.54	-
2021	70.60	66.66	69.28	64.73	W
2022					
January	W	W	W	75.39	-
February	W	-	-	86.36	-
March	103.95	W	-	99.98	-
1st quarter average	98.66	86.81	W	87.85	-
April	105.35	W	-	99.93	-
May	109.68	W	-	104.57	-
June	117.41	W	-	110.67	-
2nd quarter average	112.82	W	-	105.37	-
July	100.64	W	-	93.85	-
August	93.59	W	-	86.31	-
September	94.74	W	-	79.87	-
3rd quarter average	96.57	W	-	87.41	-
October	90.03	W	-	79.39	-
November	87.36	W	-	78.81	-
December	80.47	W	-	69.83	-
4th quarter average	86.33	W	-	75.74	-
2022	97.40	92.39	W	89.83	-
2023					
January	80.78	W	-	66.53	-
February	W	W	-	65.85	-
March	W	W	-	63.94	-
1st quarter average	78.33	W	-	65.52	-
April	W	W	-	69.02	-
May	75.29	W	-	63.63	-
June	W	W	-	64.99	-
2nd quarter average	75.74	W	-	65.49	-
July	82.34	73.78	-	70.36	-
August	84.91	W	-	77.10	-
September	94.58	W	-	84.05	-
3rd quarter average	85.98	77.40	-	76.91	-
October	90.31	-	-	80.86	-
November	W	W	-	74.61	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018	W	69.40	68.78	71.81	63.24
2019	W	65.28	64.40	66.19	W
2020	W	37.61	31.86	45.94	-
2021	W	73.60	68.37	69.02	-
2022					
January	-	101.99	W	W	-
February	-	99.64	W	W	-
March	-	107.38	W	W	-
1st quarter average	-	102.76	W	95.79	-
April	W	110.41	W	W	-
May	W	109.13	W	W	-
June	-	103.12	W	W	-
2nd quarter average	W	107.73	W	W	-
July	-	96.79	W	W	-
August	W	93.35	W	96.31	-
September	W	89.31	W	W	-
3rd quarter average	W	92.53	W	92.50	-
October	W	83.88	-	W	-
November	-	84.33	-	86.83	-
December	W	81.93	-	W	-
4th quarter average	W	83.23	-	87.11	-
2022	W	97.42	W	97.62	-
2023					
January	W	81.44	-	W	-
February	-	82.97	-	W	-
March	-	83.45	-	-	W
1st quarter average	W	82.48	-	W	W
April	-	80.52	-	-	66.53
May	W	79.79	-	W	W
June	W	81.75	-	W	W
2nd quarter average	W	80.61	-	W	64.68
July	W	91.43	-	-	W
August	-	91.92	-	-	W
September	-	W	-	-	W
3rd quarter average	W	R91.11	-	-	80.45
October	-	-	-	-	W
November	-	W	-	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2022 are final.

Data source: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.