

# Crude Oil Prices

**Table 21. Domestic Crude Oil First Purchase Prices**

(Dollars per Barrel)

Year Month	U.S. Average		PAD District I				PAD District II						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1978	9.00	9.56	12.25	W	14.72	14.48	11.91	13.81	13.70	13.20	13.73	11.86	11.40
1979	12.64	13.01	14.30	W	24.13	23.35	18.33	23.49	23.28	21.57	22.55	14.47	18.13
1980	21.59	22.65	22.66	W	37.46	36.92	30.12	35.78	35.91	34.20	34.98	23.54	30.60
1981	31.77	33.71	35.22	W	36.03	35.63	35.63	36.03	36.07	35.80	35.90	35.74	35.32
1982	28.52	30.43	31.77	30.91	30.77	29.98	31.65	31.69	31.66	30.79	31.19	31.80	30.98
1983	26.19	28.00	28.32	28.19	28.28	27.27	29.17	29.12	29.06	28.45	28.60	28.93	28.58
1984	25.88	27.59	27.76	27.70	27.71	26.90	28.62	28.76	28.72	27.99	28.24	28.54	27.83
1985	24.09	25.74	25.88	25.19	25.05	24.35	25.94	26.90	26.82	25.33	26.20	26.16	25.42
1986	12.51	14.13	14.76	16.03	15.77	14.68	14.30	14.70	14.55	14.02	14.20	14.61	13.70
1987	15.40	16.83	16.52	17.40	17.43	16.56	17.42	17.53	17.49	17.37	17.19	17.63	17.08
1988	12.58	13.97	14.21	W	15.26	14.35	14.65	14.79	14.78	14.55	14.58	14.92	14.08
1989	15.86	17.13	17.16	W	18.15	17.18	18.04	18.36	18.37	18.18	18.36	18.06	17.36
1990	20.03	21.57	22.06	23.32	23.00	22.16	22.88	23.36	23.46	23.21	23.20	22.92	21.94
1991	16.54	18.16	19.01	19.67	19.48	W	19.58	20.19	20.20	19.84	19.84	19.88	18.78
1992	15.99	17.38	18.52	19.05	19.01	18.09	18.63	19.26	19.27	18.50	18.75	18.99	17.51
1993	14.25	15.31	17.28	17.20	17.53	16.76	16.27	16.97	16.97	15.95	16.51	16.79	14.90
1994	13.19	14.30	16.23	15.94	16.13	15.68	15.05	15.76	15.66	14.71	15.33	15.43	13.60
1995	14.62	15.72	17.18	16.74	16.93	16.53	16.39	16.95	16.88	16.19	16.43	16.63	15.18
1996	18.46	19.41	20.82	20.95	20.99	19.59	20.33	20.86	20.67	20.47	20.24	20.32	19.57
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	17.61	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
<b>2001</b>													
January	24.64	25.95	27.16	W	28.02	W	27.53	27.58	26.91	27.28	25.66	26.21	27.39
February	25.27	26.40	27.46	W	28.52	W	28.05	27.50	27.21	27.59	26.13	26.24	27.60
March	22.98	23.93	24.98	W	26.20	W	25.33	25.08	24.84	24.89	23.78	24.12	24.36
April	23.39	24.11	25.32	W	26.31	W	25.46	25.28	25.03	25.14	24.23	24.22	24.82
May	24.06	24.84	26.72	W	27.43	W	26.42	26.32	26.10	26.05	25.20	25.37	25.89
June	23.43	24.26	25.74	W	26.47	W	25.29	25.21	25.05	24.95	24.23	24.26	24.46
July	22.82	23.53	24.26	W	25.18	W	24.39	24.38	24.00	23.86	22.97	23.41	23.98
August	23.08	24.12	24.99	W	26.04	W	25.28	24.82	24.71	24.72	23.69	25.38	24.77
September	22.37	23.37	24.44	W	25.23	W	24.44	24.06	24.00	24.09	22.96	23.90	24.63
October	18.73	19.55	20.27	W	21.32	W	20.15	19.78	19.69	19.69	18.82	20.25	19.66
November	16.40	17.45	17.95	W	18.83	W	18.01	17.27	17.19	17.23	16.27	17.69	19.26
December	15.54	16.47	17.84	W	18.40	W	17.36	16.99	16.91	16.99	16.10	17.35	16.95
<b>2001</b>	<b>21.84</b>	<b>22.77</b>	<b>23.98</b>	<b>24.19</b>	<b>24.82</b>	<b>22.35</b>	<b>23.95</b>	<b>23.76</b>	<b>23.46</b>	<b>23.56</b>	<b>22.53</b>	<b>22.69</b>	<b>23.67</b>
<b>2002</b>													
January	15.89	16.69	17.83	W	18.80	W	17.58	17.21	17.14	17.11	16.25	17.67	16.98
February	16.93	17.67	18.81	W	19.84	W	18.36	18.22	18.14	18.21	17.35	18.43	17.97
March	20.28	21.10	21.47	W	23.06	W	22.20	21.81	21.77	21.94	21.00	22.13	21.66
April	22.52	23.31	23.88	W	24.99	W	23.96	23.48	23.49	23.70	22.55	23.84	23.67
May	23.51	24.41	25.09	W	25.90	W	24.92	24.51	24.36	24.54	23.29	24.67	24.44
June	22.59	23.37	23.95	W	24.39	W	23.92	23.56	23.02	23.29	21.91	23.50	23.25
July	23.51	24.35	24.76	W	25.76	W	24.85	24.68	24.23	24.32	23.21	24.59	24.48
August	24.76	25.67	25.86	W	26.82	W	26.02	25.96	25.47	25.60	24.45	25.99	25.47
September	26.08	26.80	26.81	W	27.86	W	27.65	27.62	27.01	27.21	25.93	27.55	27.36
October	25.29	26.15	27.03	W	27.57	W	26.89	26.60	26.21	26.44	25.09	26.54	26.43
November	23.38	24.23	25.06	W	24.80	W	24.74	24.29	23.68	23.92	22.65	23.96	24.36
December	25.29	26.13	26.30	W	27.62	W	27.29	27.66	26.76	27.02	25.46	27.35	27.08
<b>2002</b>	<b>22.51</b>	<b>23.33</b>	<b>23.94</b>	<b>24.28</b>	<b>24.86</b>	<b>22.55</b>	<b>24.05</b>	<b>23.84</b>	<b>23.43</b>	<b>23.61</b>	<b>22.49</b>	<b>23.68</b>	<b>23.62</b>
<b>2003</b>													
January	28.42	29.25	29.33	W	30.54	W	30.47	30.56	29.98	30.30	28.93	30.50	30.36
February	31.85	32.74	32.58	W	33.52	W	33.56	33.82	32.90	33.26	31.83	33.93	33.28
March	30.10	30.92	31.76	W	32.26	W	31.71	31.49	30.66	30.90	29.15	31.48	30.88
April	25.45	26.32	28.18	W	27.47	W	27.14	26.79	25.94	26.09	24.63	26.91	25.98
May	24.95	25.82	27.82	W	27.93	W	26.69	26.45	25.49	25.90	24.44	26.57	25.88
June	26.84	27.84	28.29	W	29.47	W	28.49	28.33	27.69	28.08	26.64	28.55	28.12
July	27.52	28.48	28.99	W	29.40	W	29.15	28.94	28.06	28.45	26.87	29.22	28.50
August	27.94	29.08	29.27	W	29.57	W	29.80	29.61	28.94	29.33	27.72	29.80	29.32
September	25.23	26.01	27.43	W	27.71	W	26.67	26.29	25.75	25.99	24.45	26.31	26.00
October	26.53	27.49	28.30	W	28.88	W	28.48	28.21	27.71	28.05	26.60	28.23	28.02
November	27.21	28.21	29.20	W	29.52	W	28.84	28.81	28.31	28.60	27.21	28.60	28.31
December	28.53	29.39	29.98	W	30.36	W	30.18	30.13	29.54	29.93	28.35	29.97	29.53
<b>2003</b>	<b>27.56</b>	<b>28.47</b>	<b>29.12</b>	<b>28.91</b>	<b>29.60</b>	<b>28.06</b>	<b>29.24</b>	<b>29.10</b>	<b>28.38</b>	<b>28.68</b>	<b>27.21</b>	<b>29.18</b>	<b>28.63</b>

See footnotes at end of table.

**Table 21. Domestic Crude Oil First Purchase Prices**  
(Dollars per Barrel) — Continued

Year Month	PAD District II (Continued)				PAD District III							Federal Offshore Gulf
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	
1978	9.75	13.80	11.30	12.16	9.37	10.52	10.63	9.03	7.91	10.17	9.29	9.86
1979	13.64	22.79	17.53	15.35	12.33	11.97	14.72	11.42	10.74	14.33	12.65	11.23
1980	26.42	36.64	29.25	28.81	21.24	20.57	24.17	19.87	20.85	24.06	21.84	18.87
1981	35.63	36.11	35.43	35.55	35.00	35.80	33.69	35.45	30.47	35.04	35.06	35.07
1982	31.89	30.90	32.04	31.63	31.92	32.32	30.12	32.44	29.04	31.82	31.77	32.61
1983	29.27	28.14	29.67	29.10	29.45	30.07	28.28	30.02	26.76	29.26	29.35	29.77
1984	28.39	27.71	29.11	28.36	29.03	29.39	28.15	29.67	27.26	28.69	28.87	29.36
1985	25.32	25.11	26.28	25.79	26.91	25.77	25.79	27.22	25.51	26.84	26.80	27.33
1986	13.54	15.51	14.47	13.81	14.89	13.91	14.54	15.32	13.63	14.93	14.73	15.27
1987	16.76	17.42	17.62	16.96	17.57	16.80	17.23	17.97	16.78	17.57	17.55	17.54
1988	13.85	15.19	14.86	14.04	14.75	13.86	14.41	15.22	13.98	14.78	14.71	14.71
1989	17.12	18.06	18.23	17.33	17.86	17.27	17.34	18.39	17.00	17.86	17.81	17.83
1990	21.94	23.09	22.95	22.32	22.42	22.09	21.56	23.04	21.06	22.44	22.37	22.40
1991	18.80	19.59	19.59	19.21	19.23	19.05	18.06	20.14	17.65	19.35	19.04	19.41
1992	18.02	18.96	18.74	18.19	18.37	18.22	17.33	19.00	16.70	18.55	18.32	18.35
1993	15.42	17.44	16.47	15.39	16.23	16.21	15.03	16.90	14.59	16.44	16.19	16.15
1994	14.08	15.98	15.33	14.24	14.97	15.00	13.74	15.60	13.45	15.32	14.98	14.75
1995	15.58	16.67	16.68	15.53	16.38	16.35	14.84	17.06	14.76	16.74	16.38	16.17
1996	19.46	19.96	20.60	19.56	20.29	20.24	18.67	20.88	18.95	20.79	20.31	20.03
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
<b>2001</b>												
January	27.25	25.66	28.17	26.90	27.22	26.92	26.12	28.29	25.20	27.83	27.47	26.61
February	27.56	26.10	29.08	27.17	27.44	26.73	26.56	28.89	25.01	28.13	27.75	26.62
March	25.02	23.85	26.03	25.59	24.46	24.35	23.89	25.75	21.96	24.75	24.54	24.08
April	25.03	23.80	26.11	25.87	24.45	23.99	23.44	25.84	22.31	24.81	24.68	23.90
May	26.08	25.03	27.02	26.47	25.13	25.49	24.41	26.60	23.13	25.53	25.52	24.40
June	25.00	24.22	25.89	W	24.71	24.26	W	25.44	22.35	24.50	24.56	24.94
July	24.04	22.80	25.10	W	24.18	23.95	22.31	25.19	21.18	24.23	23.93	24.43
August	24.96	23.61	26.03	W	24.88	24.13	22.89	26.00	22.02	25.41	24.87	24.71
September	24.05	23.03	25.08	24.51	24.20	23.61	21.74	25.18	21.67	24.85	24.26	23.95
October	19.65	18.85	20.84	20.13	20.47	20.03	17.54	21.65	17.94	19.93	19.78	21.38
November	17.52	16.70	18.91	17.87	18.16	19.29	15.14	19.33	15.53	18.55	18.07	18.05
December	16.80	15.84	18.04	17.20	17.14	16.94	14.85	18.29	15.11	17.19	16.93	17.29
<b>2001</b>	<b>23.55</b>	<b>22.55</b>	<b>24.68</b>	<b>23.89</b>	<b>23.43</b>	<b>23.18</b>	<b>21.82</b>	<b>24.51</b>	<b>21.13</b>	<b>23.72</b>	<b>23.41</b>	<b>23.29</b>
<b>2002</b>												
January	17.16	16.44	18.19	17.49	17.24	17.04	15.11	18.63	15.32	17.48	17.17	17.07
February	17.90	17.42	18.81	18.21	18.22	18.18	16.09	19.40	16.42	18.49	18.22	17.97
March	21.90	20.73	22.75	22.24	21.34	21.40	19.76	23.03	19.93	22.42	22.00	19.93
April	23.58	22.91	24.51	23.97	23.56	23.47	21.43	24.56	22.05	24.13	23.65	23.19
May	24.63	23.96	25.51	W	24.73	24.36	22.41	25.72	22.88	24.69	24.66	24.74
June	24.39	22.20	24.32	23.31	23.95	23.16	20.89	24.74	21.63	24.24	23.73	24.19
July	25.02	23.61	25.28	24.90	24.63	24.27	22.36	25.82	22.89	25.13	24.58	24.45
August	26.04	24.78	26.42	26.00	26.01	25.51	23.54	26.80	24.18	26.47	25.96	25.97
September	27.44	26.06	28.19	27.58	27.21	26.79	25.07	28.29	25.92	27.66	27.44	26.65
October	27.21	25.72	27.20	26.83	26.62	26.27	24.37	27.70	25.05	26.94	26.46	26.67
November	25.95	22.85	24.85	24.19	25.01	24.39	21.76	25.69	22.38	24.86	24.66	25.54
December	26.58	25.30	27.99	27.36	26.56	26.68	24.89	28.81	25.66	27.62	26.91	25.47
<b>2002</b>	<b>24.15</b>	<b>22.61</b>	<b>24.49</b>	<b>23.96</b>	<b>23.74</b>	<b>23.39</b>	<b>21.50</b>	<b>24.84</b>	<b>22.11</b>	<b>24.11</b>	<b>23.77</b>	<b>23.49</b>
<b>2003</b>												
January	29.98	28.83	30.98	30.80	29.69	29.83	28.16	31.58	29.17	30.69	30.31	28.26
February	32.98	31.50	34.14	33.64	33.27	33.07	31.02	35.41	31.47	34.35	33.48	32.40
March	32.33	30.97	32.01	31.28	31.41	31.26	28.83	32.49	28.91	31.62	31.14	31.69
April	28.33	25.85	27.36	26.42	27.30	27.60	23.92	29.42	24.73	26.94	26.67	27.99
May	26.88	27.96	27.03	26.20	26.57	26.66	23.59	27.84	24.97	27.14	26.59	26.26
June	28.22	27.55	29.01	28.60	28.23	27.91	25.93	29.55	26.74	29.07	28.56	27.43
July	29.28	27.63	29.71	28.90	29.15	28.92	26.23	30.32	27.30	30.06	29.41	28.45
August	29.83	28.50	30.25	29.78	29.56	29.41	27.06	30.60	28.01	30.17	29.76	29.01
September	27.45	25.56	26.92	26.40	26.53	26.92	23.85	27.49	24.76	26.35	26.31	26.80
October	28.36	27.35	29.03	28.33	28.00	27.82	26.06	29.44	26.91	28.38	28.17	27.42
November	28.20	27.88	29.47	27.97	28.96	28.81	26.49	30.33	27.63	29.06	28.80	28.97
December	29.52	28.93	30.88	29.21	30.05	29.63	27.76	31.60	28.78	30.18	30.26	29.46
<b>2003</b>	<b>29.27</b>	<b>28.18</b>	<b>29.72</b>	<b>28.94</b>	<b>29.08</b>	<b>28.97</b>	<b>26.57</b>	<b>30.52</b>	<b>27.46</b>	<b>29.52</b>	<b>29.13</b>	<b>28.72</b>

See footnotes at end of table.

**Table 21. Domestic Crude Oil First Purchase Prices**

(Dollars per Barrel) — Continued

Year Month	PAD District IV					PAD District V				
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Federal Offshore California
1978	9.50	10.84	9.04	9.98	9.16	6.60	5.21	5.45	8.58	6.10
1979	11.98	13.28	12.03	11.41	11.73	11.17	10.57	6.22	12.78	8.06
1980	21.29	22.91	20.53	19.79	21.34	19.09	16.87	10.25	23.87	16.28
1981	33.38	35.69	34.69	34.14	32.30	24.79	23.23	30.15	26.80	24.56
1982	30.14	31.56	31.25	30.50	29.37	21.84	19.92	27.74	24.58	23.37
1983	27.81	28.92	28.80	28.12	27.19	19.66	17.69	23.59	22.61	20.54
1984	27.18	28.09	28.07	27.21	26.73	19.52	17.91	24.37	22.09	20.41
1985	24.78	25.64	25.29	23.98	24.67	19.11	16.98	22.46	22.14	20.08
1986	13.24	13.98	13.58	13.33	12.94	8.53	6.45	13.13	11.90	9.48
1987	16.77	17.71	16.57	17.22	16.45	11.89	10.83	15.48	13.92	11.82
1988	13.85	14.83	13.84	14.24	13.47	9.28	8.43	12.92	10.97	9.41
1989	17.37	18.86	17.03	18.63	16.73	12.71	12.00	16.17	14.06	12.64
1990	21.68	23.16	21.61	22.61	21.04	16.15	15.23	21.16	17.81	16.21
1991	18.21	19.95	18.17	19.99	17.33	12.30	11.57	15.36	13.72	11.33
1992	17.27	19.04	17.08	19.39	16.38	12.32	11.73	15.56	13.55	10.78
1993	15.30	16.59	14.70	17.48	14.59	11.23	10.84	14.11	12.11	9.20
1994	14.27	15.44	13.43	16.38	13.67	10.53	9.77	13.87	12.12	9.32
1995	15.90	16.67	14.93	17.71	15.50	12.08	11.12	15.28	14.00	10.81
1996	19.85	20.47	18.89	21.10	19.56	15.73	15.32	18.43	16.72	13.82
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
<b>2001</b>										
January	26.07	28.49	27.02	27.89	24.62	20.59	19.84	W	21.45	19.96
February	26.24	28.47	26.95	27.88	24.82	21.80	21.05	W	22.73	21.20
March	23.77	26.02	24.36	25.45	22.48	20.43	19.48	W	21.77	19.69
April	23.96	26.31	24.61	25.51	22.59	21.31	20.55	W	22.41	20.00
May	24.97	27.40	25.54	26.60	23.68	21.86	20.95	W	23.07	20.85
June	24.23	26.44	24.59	25.62	22.99	21.13	20.22	W	22.40	20.04
July	23.52	25.44	23.57	24.60	22.55	20.43	19.88	W	21.07	18.85
August	24.43	25.73	24.61	25.40	23.67	19.85	18.79	W	21.12	19.17
September	23.25	25.54	23.72	24.52	22.02	19.18	18.27	W	20.29	18.53
October	18.84	21.17	18.62	20.24	17.71	15.70	14.93	W	16.47	14.26
November	17.06	19.34	17.65	18.02	15.82	13.48	12.29	W	15.11	12.59
December	16.17	18.41	16.33	17.46	14.86	12.80	11.96	W	13.85	12.50
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38
<b>2002</b>										
January	16.72	18.52	16.75	17.98	15.70	13.45	12.72	W	14.49	12.60
February	17.63	19.72	17.57	18.86	16.63	14.72	14.04	W	15.67	13.50
March	20.93	23.38	18.04	22.50	20.44	18.25	17.35	W	19.87	16.95
April	23.46	25.21	23.26	24.05	22.63	20.54	19.62	W	22.11	19.17
May	24.05	26.29	24.11	25.05	22.86	21.35	20.19	W	23.24	19.41
June	23.04	25.57	23.14	24.04	21.71	20.40	19.84	W	21.35	18.70
July	24.25	26.16	24.30	24.90	23.29	21.57	20.46	W	23.42	19.81
August	25.29	27.13	25.48	26.24	24.27	22.64	21.32	W	24.63	21.43
September	26.69	28.67	27.20	27.48	25.47	24.13	23.01	W	25.45	22.62
October	25.64	28.27	26.09	26.64	24.27	23.21	21.95	W	24.82	21.54
November	23.70	26.09	23.75	24.28	22.66	20.77	19.80	W	21.98	18.84
December	26.20	28.67	27.10	27.14	24.85	23.12	22.18	W	24.31	23.16
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03
<b>2003</b>										
January	29.46	31.90	30.25	30.12	28.12	26.02	24.92	W	27.40	25.73
February	32.35	34.63	33.42	32.77	31.00	29.41	28.21	W	30.81	29.68
March	30.58	33.74	31.11	31.62	28.92	27.76	26.73	W	28.99	27.23
April	25.90	28.82	26.43	26.33	24.51	22.36	21.83	W	23.03	20.96
May	25.55	27.58	26.21	25.63	24.51	22.28	21.50	W	23.30	21.37
June	27.71	29.65	28.42	28.41	26.53	24.44	22.83	W	26.44	24.08
July	27.96	30.52	28.76	28.81	26.37	24.82	23.40	W	26.44	24.02
August	28.76	31.40	29.38	29.57	27.20	25.14	23.09	W	27.55	24.61
September	25.70	28.64	25.89	26.31	24.16	23.03	21.99	W	24.31	21.78
October	27.31	30.15	27.67	28.24	25.71	23.97	22.63	W	25.68	23.31
November	27.39	30.07	28.12	28.77	25.63	24.40	23.16	W	25.97	23.80
December	28.76	31.71	29.26	29.97	26.98	25.98	24.95	W	27.35	24.84
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25

W = Withheld to avoid disclosure of individual company data.

Notes: The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased.

Sources: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchaser's Report," January 1978 through December 1982; Form EIA-182, "Domestic Crude Oil First Purchase Report," January 1983 to present.

**Table 22. Domestic Crude Oil First Purchase Prices for Selected Crude Streams**  
(Dollars per Barrel)

Year Month	Alaska North Slope	California Midway- Sunset	California Kern River	California Wilmington	Louisiana South Mix	North Dakota Sweet	West Texas Intermediate	West Texas Sour	Wyoming Sour
<b>1994</b> .....	9.77	11.79	11.65	12.47	15.71	14.54	15.65	14.16	11.87
<b>1995</b> .....	11.12	13.37	13.59	14.70	17.14	16.02	17.03	15.52	14.06
<b>1996</b> .....	15.32	15.70	15.97	17.13	20.89	19.82	20.96	19.49	18.16
<b>1997</b> .....	14.84	14.88	15.02	16.44	19.22	17.96	19.27	17.77	15.39
<b>1998</b> .....	8.47	8.48	8.59	9.11	12.55	11.62	12.89	11.50	8.33
<b>1999</b> .....	12.46	12.22	14.02	13.10	17.17	17.06	17.78	16.66	14.70
<b>2000</b> .....	23.62	23.56	23.88	27.61	28.71	28.46	29.16	27.66	24.38
<b>2001</b>									
January .....	19.84	19.77	19.76	W	27.96	27.58	27.81	26.28	20.38
February .....	21.05	20.97	21.47	22.81	28.54	27.91	28.62	25.73	20.44
March .....	19.48	20.35	20.68	22.09	25.32	25.39	25.51	22.73	18.38
April .....	20.55	21.14	21.53	22.97	25.54	25.39	25.50	23.14	18.73
May .....	20.95	21.72	22.13	23.55	26.45	26.49	26.47	23.88	19.70
June .....	20.22	21.05	21.45	23.31	25.89	25.38	25.41	23.01	19.23
July .....	19.88	21.19	20.14	21.67	25.15	24.43	24.74	22.91	19.02
August .....	18.79	21.66	19.92	21.73	25.56	25.35	25.56	24.05	20.94
September .....	18.27	21.00	19.20	20.91	24.77	24.49	25.05	23.40	17.93
October .....	14.93	16.97	15.36	16.79	21.51	20.05	20.55	18.71	13.57
November .....	12.29	13.25	15.80	15.38	19.30	18.01	19.24	16.39	11.53
December .....	11.96	14.69	12.57	14.50	17.74	17.28	17.71	15.99	11.37
<b>2001</b> .....	<b>18.18</b>	<b>19.50</b>	<b>19.03</b>	<b>20.43</b>	<b>24.39</b>	<b>24.00</b>	<b>24.62</b>	<b>22.10</b>	<b>17.63</b>
<b>2002</b>									
January .....	12.72	13.27	13.27	14.96	18.39	17.60	17.80	16.35	12.63
February .....	14.04	14.99	14.77	15.97	19.26	18.35	18.76	17.56	14.13
March .....	17.35	18.49	18.16	19.53	23.13	22.27	22.51	21.61	18.31
April .....	19.62	22.52	20.32	22.36	24.60	23.90	24.33	23.20	20.24
May .....	20.19	22.08	21.49	23.73	25.57	25.00	25.17	24.30	20.38
June .....	19.84	20.59	20.10	22.01	24.50	23.92	24.19	23.22	19.10
July .....	20.46	23.38	21.38	23.58	25.72	25.04	25.17	24.28	21.34
August .....	21.32	24.90	22.62	24.47	26.85	26.26	26.33	25.71	22.17
September .....	23.01	24.97	24.16	25.96	27.93	27.77	27.61	26.91	23.13
October .....	21.95	25.00	24.84	25.12	27.49	27.66	26.94	25.66	21.31
November .....	19.80	22.48	22.93	22.45	25.61	26.47	24.98	24.78	19.66
December .....	22.18	23.85	21.36	26.15	28.72	26.85	27.62	25.44	22.38
<b>2002</b> .....	<b>19.37</b>	<b>22.81</b>	<b>19.80</b>	<b>21.92</b>	<b>24.58</b>	<b>24.33</b>	<b>24.33</b>	<b>23.23</b>	<b>19.57</b>
<b>2003</b>									
January .....	24.92	27.62	W	29.98	31.46	30.19	30.23	29.77	25.92
February .....	28.21	30.73	W	33.55	35.32	33.21	33.49	32.58	28.41
March .....	26.73	29.94	W	W	31.36	32.97	31.98	29.53	25.72
April .....	21.83	23.18	W	W	30.31	29.17	27.44	25.30	21.12
May .....	21.50	23.50	W	W	27.78	27.40	27.25	25.46	21.75
June .....	22.83	27.03	25.86	W	29.47	28.49	28.80	27.92	24.08
July .....	23.40	26.78	25.92	W	30.32	29.73	29.56	28.80	23.41
August .....	23.09	28.23	26.73	W	30.88	30.22	30.17	28.74	24.42
September .....	21.99	24.99	23.51	W	27.55	27.96	26.90	25.24	20.84
October .....	22.63	25.90	24.85	W	29.54	28.67	28.87	27.04	22.61
November .....	23.16	24.75	25.07	W	30.44	28.38	29.37	27.70	22.47
December .....	24.95	25.34	26.58	W	31.57	29.72	30.85	29.37	23.99
<b>2003</b> .....	<b>23.78</b>	<b>26.67</b>	<b>25.24</b>	<b>27.89</b>	<b>30.49</b>	<b>29.66</b>	<b>29.60</b>	<b>28.18</b>	<b>23.73</b>

W = Withheld to avoid disclosure of individual company data.

Source: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 23. 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
<b>1994</b> .....	<b>11.83</b>	<b>12.83</b>	<b>9.79</b>	<b>14.72</b>	<b>14.79</b>	<b>15.62</b>
<b>1995</b> .....	<b>13.26</b>	<b>14.64</b>	<b>11.14</b>	<b>16.15</b>	<b>16.24</b>	<b>16.98</b>
<b>1996</b> .....	<b>16.01</b>	<b>18.61</b>	<b>15.35</b>	<b>19.97</b>	<b>20.23</b>	<b>20.91</b>
<b>1997</b> .....	<b>15.44</b>	<b>16.27</b>	<b>14.87</b>	<b>18.38</b>	<b>18.62</b>	<b>19.26</b>
<b>1998</b> .....	<b>9.22</b>	<b>9.62</b>	<b>8.50</b>	<b>12.03</b>	<b>12.17</b>	<b>12.80</b>
<b>1999</b> .....	<b>14.00</b>	<b>15.30</b>	<b>12.50</b>	<b>16.92</b>	<b>17.18</b>	<b>17.64</b>
<b>2000</b> .....	<b>24.42</b>	<b>25.64</b>	<b>23.64</b>	<b>28.10</b>	<b>28.36</b>	<b>29.09</b>
<b>2001</b>						
January .....	20.42	22.44	19.86	26.90	27.35	27.84
February .....	21.73	22.60	21.06	27.00	27.62	28.53
March .....	21.09	20.30	19.48	23.91	25.19	25.49
April .....	21.86	20.81	20.53	24.28	25.49	25.43
May .....	22.54	21.89	20.95	24.96	26.32	26.41
June .....	21.85	21.18	20.21	24.76	25.44	25.38
July .....	20.58	20.94	19.87	24.15	24.19	24.76
August .....	20.51	22.23	18.82	24.57	25.09	25.48
September .....	19.73	19.98	18.29	23.96	24.34	24.96
October .....	15.86	15.70	14.94	20.46	20.10	20.67
November .....	14.67	13.74	12.30	17.77	18.04	19.27
December .....	13.22	13.37	11.97	16.88	17.29	17.68
<b>2001</b> .....	<b>19.53</b>	<b>19.59</b>	<b>18.18</b>	<b>23.31</b>	<b>23.99</b>	<b>24.43</b>
<b>2002</b>						
January .....	13.39	14.34	12.74	17.07	17.61	17.85
February .....	14.81	15.48	14.06	17.99	18.45	18.70
March .....	18.51	19.30	17.37	21.52	21.63	22.37
April .....	21.44	21.23	19.64	23.42	23.96	24.15
May .....	22.01	21.75	20.21	24.74	24.90	25.09
June .....	20.43	20.22	19.85	23.87	23.81	24.24
July .....	22.36	22.27	20.48	24.58	24.84	25.16
August .....	23.86	23.20	21.34	26.12	26.09	26.27
September .....	24.59	24.48	23.04	27.04	27.47	27.68
October .....	24.46	22.92	21.98	26.49	27.03	26.96
November .....	21.96	21.17	19.82	25.12	25.14	25.03
December .....	23.05	23.99	22.22	26.11	27.14	27.69
<b>2002</b> .....	<b>21.08</b>	<b>20.80</b>	<b>19.39</b>	<b>23.62</b>	<b>23.94</b>	<b>24.26</b>
<b>2003</b>						
January .....	26.09	27.48	24.97	29.21	30.34	30.36
February .....	29.91	29.96	28.24	33.22	33.57	33.69
March .....	28.42	27.40	26.74	31.13	31.81	32.15
April .....	22.70	22.53	21.86	27.26	27.31	27.54
May .....	22.89	22.70	21.54	26.05	26.60	27.30
June .....	26.07	25.46	22.87	27.91	28.47	28.84
July .....	26.09	25.04	23.42	28.90	29.10	29.68
August .....	27.16	26.57	23.12	29.11	29.77	30.19
September .....	23.95	23.26	21.99	26.65	26.92	26.91
October .....	25.21	24.88	22.65	27.47	28.30	28.83
November .....	24.97	24.99	23.17	28.53	28.40	29.38
December .....	26.18	26.60	24.97	29.46	29.74	30.80
<b>2003</b> .....	<b>25.82</b>	<b>25.56</b>	<b>23.80</b>	<b>28.77</b>	<b>29.21</b>	<b>29.66</b>

Source: Energy Information Administration, Form EIA-182, "Domestic Crude Oil First Purchase Report."

**Table 24. F.O.B.<sup>a</sup> Costs of Imported Crude Oil by Selected Country**

(Dollars per Barrel)

Year Month	Selected Countries							Persian Gulf <sup>D</sup>	Total OPEC <sup>C</sup>	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1978	13.32	-	13.24	14.05	12.70	13.82	12.38	12.77	13.31	13.23
1979	19.85	-	20.27	21.69	17.28	21.70	16.90	18.77	19.88	20.92
1980	33.45	W	31.06	35.93	28.17	34.36	24.81	28.92	32.21	32.85
1981	35.55	-	33.01	38.31	32.60	36.06	28.95	33.00	35.17	35.12
1982	31.86	-	28.08	35.13	33.73	33.42	23.74	33.55	33.48	30.58
1983	28.14	-	25.20	29.81	27.53	29.91	21.48	27.70	28.46	27.20
1984	27.46	-	26.39	29.51	27.67	28.87	24.23	27.48	27.79	27.45
1985	26.30	-	25.33	28.04	22.04	27.64	23.64	23.31	25.67	25.96
1986	13.30	12.34	11.84	14.35	11.36	13.84	10.92	11.35	12.21	12.87
1987	17.27	17.84	16.36	18.47	15.12	18.28	15.08	15.97	16.43	16.99
1988	13.70	13.61	12.18	15.16	12.16	14.80	12.96	12.38	13.43	13.05
1989	17.66	17.89	15.96	18.31	16.29	17.89	16.09	16.61	17.06	16.72
1990	20.23	20.75	19.26	22.46	20.36	23.43	19.55	18.54	20.40	20.32
1991	18.47	18.49	15.37	20.29	14.62	20.81	14.91	15.22	16.99	16.77
1992	18.41	18.02	15.26	19.98	15.85	19.61	14.39	16.35	16.87	16.66
1993	16.23	15.87	13.74	17.79	13.77	16.64	12.46	14.21	14.78	14.65
1994	15.40	14.99	13.68	16.32	14.12	15.66	12.21	13.97	14.00	14.34
1995	16.58	16.73	15.64	17.40	W	16.94	13.86	W	15.36	16.02
1996	20.71	21.33	19.14	21.27	19.28	19.43	17.73	19.22	18.94	19.65
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
<b>2001</b>										
January	24.28	26.72	21.31	26.46	19.79	25.87	20.97	19.62	21.55	23.14
February	25.68	27.06	21.39	26.82	20.58	W	20.43	20.94	22.22	23.67
March	21.97	23.63	18.77	24.70	20.46	W	19.12	20.37	20.83	20.94
April	24.71	25.04	19.78	W	20.83	W	21.12	20.36	21.74	21.69
May	27.45	26.23	21.20	28.74	20.54	28.19	20.10	20.13	21.77	23.62
June	26.87	26.81	21.39	27.63	20.80	W	17.95	20.73	21.48	23.66
July	23.85	25.86	19.18	24.98	W	24.88	18.68	21.03	20.58	22.25
August	24.10	25.23	20.49	25.78	18.93	W	19.67	20.49	21.26	22.59
September	24.03	22.78	20.82	24.60	16.24	23.81	17.11	16.56	18.88	22.42
October	19.70	20.40	16.45	20.14	14.23	20.48	14.76	14.37	15.76	18.17
November	17.49	18.44	14.32	19.02	14.93	W	11.90	14.25	14.05	15.68
December	17.49	18.48	14.26	19.08	15.34	W	12.80	15.21	14.55	15.65
<b>2001</b>	<b>23.25</b>	<b>24.25</b>	<b>18.89</b>	<b>24.85</b>	<b>18.98</b>	<b>23.30</b>	<b>18.01</b>	<b>18.89</b>	<b>19.73</b>	<b>21.04</b>
<b>2002</b>										
January	19.12	18.93	14.25	19.63	W	W	13.49	17.46	15.79	16.17
February	18.76	19.28	15.91	20.73	21.11	W	14.84	19.77	17.61	17.71
March	22.65	23.88	20.21	24.39	23.42	W	19.31	23.08	21.49	21.67
April	24.36	25.57	22.42	25.66	23.17	W	20.02	23.38	22.48	23.38
May	24.49	26.11	22.83	W	23.19	24.52	19.90	22.78	22.26	23.72
June	22.93	24.30	22.05	24.39	23.55	23.24	20.50	23.56	22.26	22.84
July	24.63	W	22.50	26.01	25.12	25.39	21.71	24.99	23.46	23.92
August	25.93	26.10	23.70	27.28	25.10	W	22.67	25.33	24.12	24.89
September	27.97	29.11	25.31	28.56	24.67	28.41	23.98	24.71	25.09	26.30
October	26.57	27.03	23.68	27.28	23.46	28.20	21.59	23.06	22.88	25.29
November	23.58	24.14	20.63	24.93	25.12	25.10	20.18	24.58	22.36	22.46
December	28.75	27.75	24.25	29.98	26.75	W	23.41	26.64	26.53	25.51
<b>2002</b>	<b>24.09</b>	<b>24.64</b>	<b>21.60</b>	<b>25.38</b>	<b>23.92</b>	<b>24.50</b>	<b>20.13</b>	<b>23.38</b>	<b>22.18</b>	<b>22.93</b>
<b>2003</b>										
January	31.59	32.94	28.32	31.76	27.79	31.66	W	27.83	29.05	29.21
February	33.49	35.25	28.43	33.64	26.67	32.97	28.50	27.17	28.65	30.52
March	29.34	31.28	24.97	30.82	24.87	28.78	22.83	25.09	25.39	26.99
April	24.81	24.85	21.53	25.27	20.97	W	21.00	21.08	21.83	23.40
May	25.63	25.13	22.56	27.03	22.52	25.28	21.61	22.57	22.78	23.99
June	26.66	27.63	24.39	27.79	26.45	W	22.98	26.37	24.88	25.67
July	27.83	W	25.60	29.14	25.54	W	24.51	25.58	25.63	26.41
August	28.76	28.97	25.88	30.08	26.22	29.42	24.87	25.99	26.33	27.20
September	26.13	27.44	23.33	27.28	23.82	W	22.76	23.80	23.78	24.32
October	29.47	28.91	23.77	30.02	W	W	23.77	26.29	25.84	26.21
November	28.94	W	24.92	29.78	27.70	29.32	23.75	26.88	26.09	25.99
December	29.58	30.02	25.56	30.60	27.70	W	25.71	27.32	27.05	26.56
<b>2003</b>	<b>28.22</b>	<b>28.89</b>	<b>24.83</b>	<b>29.40</b>	<b>25.03</b>	<b>28.76</b>	<b>23.81</b>	<b>25.17</b>	<b>25.36</b>	<b>26.21</b>

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Free on Board. See Glossary.

<sup>b</sup> Includes Baharain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

<sup>c</sup> Includes Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. In addition, it included Ecuador in 1978 through 1992 and Gabon in 1978 through 1995.

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 25. Landed Costs of Imported Crude Oil by Selected Country**  
(Dollars per Barrel)

Year Month	Selected Countries								Persian Gulf <sup>a</sup>	Total OPEC <sup>b</sup>	Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1978	14.07	14.41	-	13.56	14.88	13.94	14.53	12.84	14.01	14.34	14.38
1979	21.06	20.22	-	20.77	22.97	18.95	22.97	17.65	20.42	21.29	22.10
1980	34.76	30.11	W	31.77	37.15	29.80	35.68	25.92	30.59	33.56	33.99
1981	36.84	32.32	-	33.70	39.66	34.20	37.29	29.91	34.61	36.60	36.14
1982	33.08	27.15	-	28.63	36.16	34.99	34.25	24.93	34.94	34.81	31.47
1983	29.31	25.63	-	25.78	30.85	29.27	30.87	22.94	29.37	29.84	28.08
1984	28.49	26.56	-	26.85	30.36	29.20	29.45	25.19	29.07	29.06	28.14
1985	27.39	25.71	-	25.63	28.96	24.72	28.36	24.43	25.50	26.86	26.53
1986	14.09	13.43	12.85	12.17	15.29	12.84	14.63	11.52	12.92	13.46	13.52
1987	18.20	17.04	18.43	16.69	19.32	16.81	18.78	15.76	17.47	17.64	17.66
1988	14.48	13.50	14.47	12.58	15.88	13.37	15.82	13.66	13.51	14.18	13.96
1989	18.36	16.81	18.10	16.35	19.19	17.34	18.74	16.78	17.37	17.78	17.54
1990	21.51	20.48	22.34	19.64	23.33	21.82	22.65	20.31	20.55	21.23	20.98
1991	19.90	17.16	19.55	15.89	21.39	17.22	21.37	15.92	17.34	18.08	17.93
1992	19.36	17.04	18.46	15.60	20.78	17.48	20.63	15.13	17.58	17.81	17.67
1993	17.40	15.27	16.54	14.11	18.73	15.40	17.92	13.39	15.26	15.68	15.78
1994	16.36	14.83	15.80	14.09	17.21	15.11	16.64	13.12	15.00	15.08	15.29
1995	17.66	16.65	17.45	16.19	18.25	16.84	17.91	14.81	16.78	16.61	16.95
1996	21.86	19.94	22.02	19.64	21.95	20.49	20.88	18.59	20.45	20.14	20.47
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
<b>2001</b>											
January	26.56	21.98	28.27	21.51	28.37	23.58	28.29	22.89	23.51	24.08	24.01
February	27.48	22.48	28.71	21.61	28.75	23.00	29.12	22.15	22.96	23.90	24.61
March	24.87	21.57	26.21	19.52	27.40	22.62	26.29	21.13	22.49	23.21	22.46
April	26.63	21.35	26.71	19.57	27.01	22.58	25.95	22.54	22.23	23.26	22.79
May	28.58	22.63	27.83	21.22	29.33	22.63	28.27	21.91	22.47	23.67	24.73
June	28.40	22.53	28.86	21.34	29.31	22.65	26.91	20.41	22.25	23.26	24.40
July	25.59	22.60	27.45	19.79	26.68	22.54	26.02	20.27	22.28	22.43	23.51
August	25.54	23.95	26.31	21.14	27.01	21.78	25.91	21.21	22.06	22.70	23.93
September	25.66	22.55	24.86	21.40	26.45	19.21	24.83	19.40	19.91	21.06	23.55
October	21.21	18.48	21.77	17.19	22.34	16.31	21.27	16.26	16.99	17.58	19.28
November	18.91	14.84	20.22	14.82	20.41	16.44	W	13.62	16.17	16.12	16.37
December	18.49	14.65	18.92	14.64	19.98	16.32	W	14.40	15.87	16.02	16.09
<b>2001</b>	<b>25.13</b>	<b>20.72</b>	<b>25.88</b>	<b>19.37</b>	<b>26.55</b>	<b>20.98</b>	<b>25.32</b>	<b>19.81</b>	<b>20.73</b>	<b>21.52</b>	<b>22.17</b>
<b>2002</b>											
January	20.03	15.64	19.86	14.87	20.41	19.02	W	15.07	18.02	17.57	16.95
February	19.70	18.00	20.33	16.29	21.57	21.99	20.83	16.49	20.67	19.68	18.58
March	22.99	20.05	24.54	20.38	24.33	24.01	23.72	20.82	23.31	22.79	21.72
April	25.24	23.37	26.22	22.90	26.47	24.18	25.35	22.02	24.06	24.03	24.26
May	25.52	23.97	25.85	23.45	26.56	24.48	25.93	21.92	24.33	24.11	24.78
June	24.48	23.15	24.99	22.61	25.55	24.61	25.12	22.30	24.48	23.98	23.93
July	26.06	24.38	25.99	23.09	26.89	25.97	26.36	23.34	25.77	25.06	24.98
August	26.99	25.63	27.00	24.21	27.75	26.67	27.00	24.43	26.51	25.94	25.92
September	28.93	26.00	29.77	25.76	29.44	25.93	28.20	25.45	25.97	26.37	27.16
October	27.75	25.16	28.07	24.14	28.59	25.02	28.90	23.06	24.92	24.73	26.30
November	25.06	23.24	25.28	21.24	26.53	26.37	26.96	22.02	25.86	24.53	23.92
December	30.65	24.53	28.42	24.63	30.58	28.20	29.38	25.09	27.91	28.07	26.32
<b>2002</b>	<b>25.43</b>	<b>22.98</b>	<b>25.28</b>	<b>22.09</b>	<b>26.45</b>	<b>24.77</b>	<b>26.35</b>	<b>21.93</b>	<b>24.13</b>	<b>23.83</b>	<b>23.97</b>
<b>2003</b>											
January	33.28	27.91	34.11	28.71	33.40	30.55	32.89	29.38	30.22	30.79	29.99
February	36.01	30.10	36.79	29.28	35.65	29.25	34.74	30.80	29.85	30.73	31.94
March	32.00	29.93	32.73	26.18	34.29	26.23	31.32	26.51	27.01	28.24	29.52
April	27.77	26.06	26.15	22.24	29.54	24.46	28.23	23.33	24.26	24.86	25.62
May	27.39	24.98	26.85	23.12	28.33	25.40	26.75	23.42	25.15	25.30	25.50
June	28.52	26.91	29.35	25.09	29.49	28.22	29.58	25.06	28.11	27.38	27.33
July	29.60	26.88	30.17	26.05	30.40	27.54	29.83	26.11	27.50	27.58	27.84
August	30.04	27.48	30.24	26.37	31.10	27.08	30.52	26.23	26.93	27.70	28.27
September	27.91	25.17	28.13	23.76	29.12	25.81	28.95	24.09	25.88	25.99	25.84
October	31.07	25.57	29.88	24.37	30.38	28.23	31.14	25.48	28.01	27.76	26.97
November	30.57	25.06	30.38	25.54	31.45	29.13	31.60	25.85	28.61	28.36	26.95
December	31.60	26.16	32.63	26.27	32.51	30.56	31.46	27.70	30.17	29.84	27.79
<b>2003</b>	<b>30.14</b>	<b>26.76</b>	<b>30.55</b>	<b>25.48</b>	<b>31.07</b>	<b>27.50</b>	<b>30.62</b>	<b>25.70</b>	<b>27.54</b>	<b>27.70</b>	<b>27.68</b>

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

<sup>b</sup> Includes Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates and Venezuela. In addition, it included Ecuador in 1978 through 1992 and Gabon in 1978 through 1995.

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.



**Table 26. F.O.B.<sup>a</sup> 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
1978 .....	11.98	11.74	12.51	13.06	13.62	14.00	14.01
1979 .....	14.43	18.54	19.91	19.54	21.24	21.65	19.77
1980 .....	23.09	28.76	30.72	30.31	34.33	35.39	36.13
1981 .....	26.70	31.20	33.61	34.38	36.85	38.42	38.59
1982 .....	23.08	25.82	31.48	33.56	34.29	34.82	34.48
1983 .....	21.77	24.27	27.38	29.04	29.74	30.10	30.12
1984 .....	24.10	25.31	27.22	28.55	29.18	29.40	28.02
1985 .....	23.45	24.27	24.86	26.46	27.43	27.79	26.90
1986 .....	10.51	10.96	12.25	12.83	13.83	14.19	13.76
1987 .....	15.21	15.37	15.76	17.24	17.99	18.03	17.37
1988 .....	11.92	11.65	12.48	13.82	14.38	14.89	15.25
1989 .....	14.00	14.89	16.95	17.50	18.09	18.23	18.05
1990 .....	15.98	18.00	20.54	20.77	22.19	22.78	22.28
1991 .....	11.91	13.72	16.33	17.67	20.15	19.69	20.85
1992 .....	11.83	13.96	16.74	18.02	19.50	19.58	20.05
1993 .....	11.33	12.22	15.14	15.44	17.04	17.53	17.61
1994 .....	11.43	12.19	14.45	14.93	15.91	15.70	16.11
1995 .....	13.35	13.93	16.14	16.19	17.25	17.30	17.32
1996 .....	16.01	17.26	19.90	20.04	21.20	21.00	21.59
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	17.07	17.00
2000 .....	21.81	23.75	26.49	27.09	28.77	29.55	29.89
<b>2001</b> .....	<b>16.17</b>	<b>17.23</b>	<b>21.84</b>	<b>21.60</b>	<b>23.84</b>	<b>24.80</b>	<b>25.72</b>
January .....	18.14	18.86	22.14	23.55	26.64	27.60	W
February .....	17.32	19.40	24.41	23.96	26.60	27.82	W
March .....	16.79	18.14	21.13	22.39	24.41	25.19	W
April .....	17.65	18.88	22.58	22.82	24.76	W	W
May .....	18.02	18.96	24.87	23.98	26.30	27.63	W
June .....	16.94	18.25	24.10	24.47	25.57	27.68	28.23
July .....	16.57	18.50	22.47	22.55	24.59	25.72	W
August .....	18.27	19.83	24.13	23.07	25.22	26.69	-
September .....	17.22	18.60	22.38	21.44	24.00	24.91	23.65
October .....	14.07	14.61	18.77	17.47	20.43	21.12	21.89
November .....	10.92	12.06	16.55	16.51	18.13	18.97	W
December .....	11.68	12.63	16.09	16.66	18.12	18.91	W
<b>2002</b> .....	<b>18.78</b>	<b>20.51</b>	<b>23.48</b>	<b>24.20</b>	<b>24.92</b>	<b>25.20</b>	<b>25.16</b>
January .....	12.26	13.05	17.33	17.99	19.10	19.65	W
February .....	13.84	14.69	19.02	19.49	20.30	20.46	W
March .....	17.51	19.66	21.65	23.18	23.82	24.42	22.74
April .....	18.88	21.33	23.72	24.19	25.68	25.71	W
May .....	19.41	21.58	23.89	23.92	25.38	25.78	25.58
June .....	19.46	21.16	22.91	23.85	24.33	24.47	24.99
July .....	20.08	21.71	24.45	25.30	25.91	25.97	25.55
August .....	20.87	22.78	25.07	25.98	26.79	27.93	26.94
September .....	22.66	23.95	26.63	27.03	28.11	29.05	28.38
October .....	20.94	22.13	24.99	25.37	27.43	28.09	25.78
November .....	18.45	19.61	23.45	24.42	25.25	24.37	25.05
December .....	21.19	23.24	26.36	27.48	28.59	28.17	W
<b>2003</b> .....	<b>21.88</b>	<b>24.09</b>	<b>25.65</b>	<b>27.49</b>	<b>28.67</b>	<b>29.35</b>	<b>28.64</b>
January .....	26.08	27.51	28.42	30.05	31.59	32.47	W
February .....	26.48	28.00	29.66	30.68	33.04	34.87	W
March .....	21.37	23.71	26.94	28.64	29.69	30.26	-
April .....	18.98	20.93	21.54	24.41	25.81	25.29	W
May .....	20.06	22.06	22.81	24.48	26.25	28.28	W
June .....	21.18	23.73	25.74	27.31	28.06	27.69	27.64
July .....	22.87	24.85	25.92	27.23	28.79	28.47	28.36
August .....	23.06	25.21	27.94	27.87	29.72	29.20	W
September .....	20.45	22.20	24.22	24.88	26.82	27.08	27.16
October .....	21.83	23.59	25.89	28.68	29.66	29.30	30.57
November .....	21.50	23.52	26.35	28.23	29.44	29.71	W
December .....	23.19	24.94	26.67	28.75	30.61	30.75	W

Dash (-) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Free on Board. See Glossary.

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 27. 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
1978 .....	12.75	13.11	13.76	14.10	14.69	14.87	15.16
1979 .....	15.57	20.05	20.88	21.01	22.61	23.06	21.23
1980 .....	24.54	29.65	31.83	31.73	35.81	36.85	37.57
1981 .....	27.94	32.00	34.86	35.71	38.36	39.78	39.97
1982 .....	24.17	26.46	32.62	34.76	35.43	35.78	35.81
1983 .....	23.17	24.95	28.62	30.25	30.96	31.28	31.27
1984 .....	25.08	25.97	28.38	29.58	30.16	30.16	29.05
1985 .....	24.33	24.65	26.17	27.10	28.29	28.39	27.73
1986 .....	11.30	11.49	13.28	13.59	14.99	14.80	15.37
1987 .....	16.14	15.87	17.21	18.16	18.72	18.89	18.57
1988 .....	12.75	12.11	13.54	14.35	15.21	15.74	16.24
1989 .....	14.90	15.42	17.59	17.87	18.74	19.05	19.13
1990 .....	16.82	18.54	21.59	21.18	22.47	23.47	23.41
1991 .....	13.06	14.41	17.17	18.65	20.86	20.88	22.15
1992 .....	12.89	14.58	17.39	18.50	20.11	20.55	20.95
1993 .....	12.44	12.96	15.72	16.06	17.88	18.38	18.22
1994 .....	12.42	12.93	15.10	15.61	16.65	16.64	16.91
1995 .....	14.43	14.81	16.84	17.13	17.96	18.17	17.90
1996 .....	17.18	18.11	20.53	20.87	21.74	21.71	22.28
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
<b>2001</b> .....							
January .....	20.13	19.34	24.50	25.11	27.87	28.90	28.41
February .....	18.64	19.82	25.39	24.88	28.02	29.51	28.13
March .....	18.77	19.10	23.41	23.77	26.33	27.39	27.59
April .....	19.14	19.14	24.22	23.53	26.07	28.07	30.07
May .....	19.57	19.84	26.51	24.40	27.39	27.64	26.93
June .....	18.11	19.29	25.71	24.50	26.68	29.51	28.57
July .....	17.89	19.62	24.07	23.25	25.75	28.15	30.27
August .....	19.67	21.00	24.92	23.24	25.87	27.59	27.03
September .....	18.83	19.99	23.51	21.67	24.86	26.30	25.87
October .....	15.26	15.88	19.83	18.27	21.15	22.38	23.79
November .....	12.37	12.75	17.05	17.22	18.71	20.45	21.20
December .....	12.92	13.08	16.66	16.82	18.50	20.03	19.94
<b>2001</b> .....	<b>17.66</b>	<b>18.14</b>	<b>23.29</b>	<b>22.21</b>	<b>24.86</b>	<b>26.59</b>	<b>26.49</b>
<b>2002</b> .....							
January .....	13.71	13.96	17.71	18.46	19.50	21.17	20.03
February .....	15.00	15.46	19.57	20.66	21.15	21.19	21.60
March .....	18.76	19.58	21.81	23.54	24.33	25.29	23.46
April .....	20.53	22.03	24.67	24.64	26.03	26.85	26.11
May .....	21.07	22.63	24.99	25.24	25.73	26.57	26.51
June .....	21.18	22.01	23.74	24.91	25.51	25.40	26.71
July .....	21.74	22.54	25.11	26.14	26.67	26.83	26.75
August .....	22.87	23.75	26.37	26.91	27.55	28.45	28.46
September .....	24.06	24.77	27.81	27.30	28.53	30.02	29.57
October .....	22.08	23.21	26.45	26.18	28.02	28.63	28.19
November .....	20.04	20.95	24.68	25.85	26.57	25.87	26.56
December .....	24.37	23.53	27.27	28.47	29.22	30.68	28.87
<b>2002</b> .....	<b>20.59</b>	<b>21.33</b>	<b>24.40</b>	<b>24.91</b>	<b>25.73</b>	<b>26.49</b>	<b>25.96</b>
<b>2003</b> .....							
January .....	27.84	27.85	30.48	31.23	32.41	33.79	31.12
February .....	29.41	28.99	31.29	31.60	33.88	36.94	35.25
March .....	24.31	25.92	29.78	29.51	31.83	31.92	35.61
April .....	21.09	22.51	25.10	25.73	27.97	28.13	33.21
May .....	21.88	23.08	24.72	26.42	27.71	28.52	28.83
June .....	23.25	24.88	27.60	28.69	29.31	29.56	30.03
July .....	24.54	25.76	27.99	28.57	29.70	29.93	29.70
August .....	24.72	25.96	28.65	28.56	30.32	30.49	29.17
September .....	22.06	23.41	25.45	26.79	28.19	28.69	29.44
October .....	23.45	24.21	27.61	29.04	29.64	30.49	30.71
November .....	23.22	24.47	27.51	29.35	30.20	31.38	31.29
December .....	25.18	25.78	29.07	30.68	31.62	32.87	33.21
<b>2003</b> .....	<b>23.87</b>	<b>25.15</b>	<b>27.78</b>	<b>28.78</b>	<b>29.95</b>	<b>30.73</b>	<b>30.90</b>

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 28. 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
1978	1.26	3.57	7.93	38.79	31.66	13.48	3.31
1979	1.65	3.96	8.45	38.98	30.64	13.36	2.96
1980	1.70	6.18	9.25	38.43	27.02	13.56	3.85
1981	2.19	8.88	9.46	37.37	26.60	12.53	2.98
1982	3.39	14.90	11.72	35.58	23.76	8.44	2.20
1983	3.91	20.40	15.14	24.95	23.63	7.74	4.23
1984	6.48	20.52	11.59	21.05	25.75	8.12	6.48
1985	7.62	20.46	11.19	27.14	24.93	4.02	4.65
1986	5.54	19.36	14.12	27.49	25.74	3.65	4.11
1987	4.04	19.68	16.88	26.91	24.79	3.87	3.85
1988	3.52	18.27	15.99	30.72	24.45	4.04	3.02
1989	2.55	14.39	16.80	36.27	23.79	3.55	2.64
1990	3.64	14.96	18.13	34.44	23.21	2.94	2.67
1991	3.76	16.02	20.79	34.84	20.94	2.11	1.55
1992	4.05	17.64	22.41	31.38	20.49	3.00	1.04
1993	4.52	18.79	19.24	32.49	20.99	2.59	1.39
1994	3.80	18.98	18.46	30.77	23.37	2.75	1.87
1995	4.52	18.38	17.04	31.51	23.81	2.98	1.76
1996	4.58	20.88	14.69	32.92	23.51	1.95	1.47
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
<b>2001</b>							
January	7.89	21.24	14.40	34.75	17.07	3.33	1.32
February	6.26	22.11	12.82	35.66	17.24	4.43	1.47
March	9.34	21.56	10.65	35.44	19.36	2.96	0.70
April	6.33	21.74	13.00	34.97	21.30	2.21	0.43
May	7.44	18.79	11.74	38.63	19.87	2.73	0.80
June	7.67	21.01	11.69	29.89	24.42	3.11	2.21
July	8.80	17.01	10.49	41.89	19.14	1.73	0.94
August	9.13	21.24	12.32	34.55	19.49	2.04	1.22
September	8.59	17.23	11.05	37.30	21.13	2.67	2.03
October	8.85	21.34	12.53	35.23	18.92	1.68	1.45
November	7.53	22.85	10.65	35.77	19.04	3.31	0.84
December	7.71	23.37	7.73	39.40	18.20	2.49	1.11
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
<b>2002</b>							
January	6.83	24.07	9.79	35.36	18.92	2.94	2.09
February	8.95	19.23	9.86	38.67	20.03	1.76	1.51
March	8.16	23.02	10.37	36.36	16.67	2.68	2.73
April	7.22	20.86	14.94	33.69	18.40	3.06	1.82
May	7.17	21.09	14.61	35.76	17.03	3.00	1.34
June	8.90	22.59	11.69	31.05	21.62	2.87	1.29
July	9.10	20.54	11.96	34.06	18.56	3.82	1.95
August	10.07	22.98	10.00	31.58	20.69	2.64	2.03
September	9.57	22.95	10.19	35.98	16.93	2.22	2.16
October	8.87	23.07	11.07	35.34	17.56	2.99	1.10
November	9.10	22.92	10.01	36.91	17.68	1.91	1.47
December	5.10	24.07	12.55	39.26	15.63	1.88	1.52
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
<b>2003</b>							
January	4.10	26.77	11.76	37.87	15.98	2.22	1.30
February	5.74	23.85	12.09	40.22	13.75	2.98	1.37
March	6.54	24.22	10.76	37.73	17.61	1.81	1.34
April	6.59	22.64	15.29	33.30	17.58	2.61	2.00
May	8.94	23.81	9.62	34.67	18.28	2.27	2.40
June	10.13	22.43	9.20	34.81	18.39	2.36	2.68
July	9.04	25.20	9.72	31.76	18.20	3.48	2.60
August	9.43	22.30	10.78	34.29	16.73	4.10	2.36
September	8.54	22.48	9.03	33.86	20.60	3.53	1.97
October	9.87	24.26	8.22	37.21	14.97	2.77	2.70
November	8.24	25.79	6.24	39.77	16.85	1.80	1.32
December	10.97	28.20	7.65	34.02	15.60	2.02	1.52
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 29. F.O.B.<sup>a</sup> Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel)

Year Quarter Month	Angolan Cabinda	Canadian Bow River	Canadian Lloydminster	Ecuadorian Oriente	Gabon Rabi-Kouanga
1978 Average .....	13.32	—	—	12.87	—
1979 Average .....	20.35	—	—	27.59	—
1980 Average .....	33.24	—	W	34.51	—
1981 Average .....	35.55	W	W	32.66	—
1982 Average .....	31.86	W	W	32.36	—
1983 Average .....	28.14	W	24.54	28.22	—
1984 Average .....	27.58	W	24.70	28.16	—
1985 Average .....	26.30	24.55	23.79	26.12	—
1986 Average .....	13.39	11.47	12.77	13.32	—
1987 Average .....	17.31	15.63	15.12	16.53	—
1988 Average .....	14.52	11.82	11.28	12.96	—
1989 Average .....	17.15	14.94	W	16.26	—
1990 Average .....	W	18.57	18.50	W	—
1991 Average .....	W	13.44	13.51	16.04	18.21
1992 Average .....	18.46	14.04	W	17.60	19.01
1993 Average .....	15.65	12.76	W	14.57	16.56
1994 Average .....	15.15	12.86	W	13.70	15.67
1995 Average .....	16.37	14.70	14.44	16.29	17.08
1996 Average .....	20.44	18.19	17.14	18.84	20.97
1997 Average .....	17.93	15.37	14.29	17.95	18.75
1998 Average .....	11.59	W	9.18	11.56	12.44
1999 Average .....	17.05	W	15.19	13.67	16.95
2000 Average .....	27.46	22.44	22.94	26.85	28.35
2001 Average .....	22.72	17.06	16.77	18.99	23.99
<b>2002</b>					
January .....	W	13.72	W	—	W
February .....	W	15.15	W	W	20.31
March .....	22.19	19.31	W	W	24.59
<b>1st Quarter</b>					
Average .....	20.22	16.44	W	W	22.07
April .....	W	21.05	W	W	W
May .....	24.59	21.18	W	W	W
June .....	W	20.29	W	W	W
<b>2nd Quarter</b>					
Average .....	24.10	20.85	W	22.51	W
July .....	W	22.70	W	W	W
August .....	W	23.24	23.15	W	W
September .....	W	22.04	W	W	W
<b>3rd Quarter</b>					
Average .....	26.82	22.67	22.55	W	W
October .....	26.73	W	W	W	W
November .....	W	19.55	W	W	W
December .....	W	W	W	W	—
<b>4th Quarter</b>					
Average .....	26.19	W	W	W	W
2002 Average .....	<b>24.02</b>	<b>20.22</b>	<b>20.79</b>	<b>23.46</b>	<b>24.27</b>
<b>2003</b>					
January .....	W	W	W	W	31.83
February .....	W	26.90	W	W	33.46
March .....	29.78	W	W	W	W
<b>1st Quarter</b>					
Average .....	31.06	26.01	W	W	32.04
April .....	W	W	W	W	25.35
May .....	W	W	W	W	W
June .....	W	W	W	W	27.32
<b>2nd Quarter</b>					
Average .....	25.43	W	W	W	26.24
July .....	W	22.40	W	W	28.68
August .....	W	23.69	W	W	29.93
September .....	W	W	W	W	W
<b>3rd Quarter</b>					
Average .....	W	22.39	W	W	28.82
October .....	W	W	W	W	29.67
November .....	W	20.98	W	W	29.08
December .....	W	23.29	W	—	W
<b>4th Quarter</b>					
Average .....	W	21.79	W	W	29.59
2003 Average .....	<b>28.47</b>	<b>23.32</b>	<b>W</b>	<b>26.67</b>	<b>29.13</b>

See footnotes at end of table.

**Table 29. F.O.B.<sup>a</sup> Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel) — Continued

Year Quarter Month	Mexican Mayan	Mexican Olmeca	Nigerian Forcados Blend	Venezuelan Furrial	Venezuelan Leona
1978 Average	—	—	—	—	—
1979 Average	21.50	—	—	—	—
1980 Average	28.73	—	—	—	—
1981 Average	30.82	—	38.19	—	32.94
1982 Average	25.29	—	34.78	—	W
1983 Average	23.99	—	29.55	—	W
1984 Average	25.35	—	29.04	—	—
1985 Average	24.23	—	27.78	—	W
1986 Average	10.93	—	14.32	—	11.14
1987 Average	15.72	—	18.97	—	16.27
1988 Average	11.26	13.63	14.63	—	13.95
1989 Average	14.71	18.69	17.87	W	16.01
1990 Average	17.29	23.64	21.47	22.48	20.44
1991 Average	13.02	20.08	20.09	16.84	15.80
1992 Average	13.42	19.55	19.90	16.09	15.65
1993 Average	12.03	16.98	17.81	13.78	12.97
1994 Average	12.39	16.03	16.52	14.08	12.00
1995 Average	14.37	17.32	17.43	15.98	13.58
1996 Average	17.43	21.56	21.45	20.42	17.13
1997 Average	14.97	19.67	19.68	17.73	14.76
1998 Average	8.75	13.14	13.39	11.54	8.96
1999 Average	14.20	17.78	15.26	17.99	13.71
2000 Average	23.31	28.92	30.29	27.48	25.70
2001 Average	16.83	23.94	24.52	W	19.98
<b>2002</b>					
January	13.15	18.69	W	W	16.10
February	14.58	19.80	W	W	—
March	19.44	23.50	—	W	—
<b>1st Quarter</b>					
Average	15.73	20.52	W	W	16.10
April	21.57	25.85	W	W	W
May	22.17	25.50	W	—	W
June	21.56	24.23	W	W	W
<b>2nd Quarter</b>					
Average	21.76	25.23	25.66	W	W
July	21.57	25.86	26.38	W	22.55
August	23.01	26.74	—	W	W
September	24.61	W	—	W	W
<b>3rd Quarter</b>					
Average	23.04	26.96	26.38	W	22.41
October	22.67	W	W	—	W
November	19.86	W	W	W	W
December	23.35	W	W	—	W
<b>4th Quarter</b>					
Average	22.15	W	28.83	W	W
2002 Average	20.79	24.93	25.88	W	21.34
<b>2003</b>					
January	27.65	31.53	W	—	W
February	27.64	32.95	W	—	—
March	23.84	30.73	—	—	W
<b>1st Quarter</b>					
Average	26.26	31.64	W	—	W
April	20.83	25.58	W	—	W
May	—	W	—	—	W
June	23.69	W	W	—	W
<b>2nd Quarter</b>					
Average	22.15	W	27.41	—	W
July	25.15	W	—	—	W
August	25.38	W	30.30	—	W
September	22.38	W	W	—	W
<b>3rd Quarter</b>					
Average	24.24	W	29.23	—	W
October	23.77	—	—	—	W
November	24.21	29.15	—	—	W
December	24.66	W	—	—	W
<b>4th Quarter</b>					
Average	24.24	30.06	—	—	W
2003 Average	24.14	29.02	29.12	—	W

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

<sup>a</sup> Free on Board. See Glossary.

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.

**Table 30. Landed Costs of Imported Crude Oil for Selected Crude Streams**  
(Dollars per Barrel)

Year Quarter Month	Angolan Cabinda	Canadian Bow River Heavy	Canadian Lloydminster	Ecuadorian Oriente	Gabon Rabi-Kouanga	Mexican Mayan	Mexican Olmeca
1978 Average .....	14.07	—	—	13.85	—	—	—
1979 Average .....	21.51	—	—	29.17	—	22.23	—
1980 Average .....	34.68	—	W	34.61	—	29.49	—
1981 Average .....	36.84	W	W	33.56	—	31.52	—
1982 Average .....	33.08	28.94	W	32.97	—	25.86	—
1983 Average .....	29.31	25.62	25.27	28.90	—	24.56	—
1984 Average .....	28.63	25.46	25.35	28.79	—	25.84	—
1985 Average .....	27.48	25.42	24.38	26.97	—	24.57	—
1986 Average .....	14.27	12.71	13.52	14.39	—	11.24	—
1987 Average .....	18.43	16.49	15.98	17.60	—	16.03	—
1988 Average .....	14.96	12.68	12.21	13.77	—	11.65	14.07
1989 Average .....	18.15	15.99	15.36	17.69	—	15.14	19.09
1990 Average .....	20.01	19.32	19.55	21.63	—	17.75	23.78
1991 Average .....	18.31	14.31	14.63	17.52	19.51	13.62	20.45
1992 Average .....	19.59	15.01	W	18.52	19.70	13.80	19.91
1993 Average .....	16.95	13.56	13.65	15.79	17.51	12.45	17.43
1994 Average .....	16.07	13.90	13.58	15.24	16.73	12.79	16.54
1995 Average .....	17.31	15.77	15.56	16.84	18.15	14.88	17.80
1996 Average .....	21.56	19.18	18.50	19.91	21.79	17.95	21.89
1997 Average .....	19.47	16.46	15.72	18.06	20.07	15.57	20.05
1998 Average .....	12.69	10.41	10.15	11.55	13.65	9.21	13.58
1999 Average .....	18.17	16.02	16.16	17.68	18.24	14.43	17.88
2000 Average .....	28.97	23.96	23.75	27.70	29.92	23.94	29.53
2001 Average .....	24.68	17.93	17.26	21.20	25.61	17.54	24.57
<b>2002</b>							
January .....	18.79	14.70	13.06	17.64	W	13.82	19.16
February .....	20.24	15.90	15.65	18.20	21.20	15.04	20.15
March .....	22.90	19.90	18.36	20.19	25.53	19.61	23.87
<b>1st Quarter</b>							
<b>Average .....</b>	21.00	17.08	15.57	18.80	23.02	16.18	20.91
April .....	W	22.07	21.92	23.42	26.15	22.09	26.07
May .....	25.39	22.60	22.16	24.90	W	22.78	25.93
June .....	W	21.60	21.21	23.99	W	22.11	24.76
<b>2nd Quarter</b>							
<b>Average .....</b>	25.17	22.11	21.74	24.15	25.66	22.33	25.65
July .....	25.54	23.22	23.08	24.58	26.62	22.18	26.34
August .....	27.06	24.18	23.63	25.79	W	23.51	27.22
September .....	28.85	23.47	23.05	27.31	W	25.12	W
<b>3rd Quarter</b>							
<b>Average .....</b>	27.40	23.65	23.25	26.17	27.35	23.59	27.40
October .....	27.85	22.47	21.85	27.02	29.03	23.21	W
November .....	W	20.70	20.24	24.00	W	20.52	W
December .....	29.62	23.07	21.94	26.10	—	23.75	W
<b>4th Quarter</b>							
<b>Average .....</b>	27.46	22.07	21.26	25.37	28.27	22.68	W
<b>2002 Average .....</b>	<b>25.34</b>	<b>21.23</b>	<b>20.71</b>	<b>24.11</b>	<b>25.45</b>	<b>21.31</b>	<b>25.37</b>
<b>2003</b>							
January .....	32.75	26.12	25.37	30.01	33.46	28.13	32.02
February .....	35.73	28.12	26.86	33.98	35.63	28.46	33.88
March .....	32.48	26.80	27.24	33.67	29.94	25.15	31.74
<b>1st Quarter</b>							
<b>Average .....</b>	33.50	27.10	26.53	32.25	33.81	27.17	32.46
April .....	26.97	23.67	23.30	26.50	27.31	21.56	26.33
May .....	27.23	23.58	23.57	25.39	W	22.55	W
June .....	W	25.42	W	28.38	29.18	24.40	W
<b>2nd Quarter</b>							
<b>Average .....</b>	27.65	24.39	24.06	26.60	27.90	22.80	W
July .....	W	25.35	W	29.07	30.39	25.64	W
August .....	W	25.97	24.51	28.74	30.97	25.91	W
September .....	27.42	24.14	22.52	25.87	W	22.88	W
<b>3rd Quarter</b>							
<b>Average .....</b>	29.21	25.12	23.74	27.84	30.10	24.76	W
October .....	W	24.32	22.44	27.69	31.09	24.37	—
November .....	W	22.55	22.00	27.20	30.65	24.86	29.92
December .....	W	24.41	23.81	W	32.17	25.44	W
<b>4th Quarter</b>							
<b>Average .....</b>	W	23.75	22.82	27.72	31.22	24.92	30.87
<b>2003 Average .....</b>	<b>30.45</b>	<b>25.10</b>	<b>24.18</b>	<b>28.23</b>	<b>30.80</b>	<b>24.84</b>	<b>29.72</b>

See footnotes at end of table.

**Table 30. Landed Costs of Imported Crude Oil for Selected Crude Streams**

(Dollars per Barrel) — Continued

Year Quarter Month	Nigerian Bonny Light	Nigerian Forcados Blend	Saudi Arabian Light	Saudi Arabian Medium	United Kingdom Brent	Venezuelan Furrial	Venezuelan Leona
1978 Average .....	15.04	—	14.04	—	—	—	—
1979 Average .....	27.11	—	19.18	—	23.26	—	—
1980 Average .....	38.58	—	29.57	—	34.57	—	—
1981 Average .....	39.25	40.15	34.32	32.74	37.58	—	33.60
1982 Average .....	36.45	35.57	35.65	32.56	34.53	—	W
1983 Average .....	31.06	30.46	30.95	29.16	31.26	—	W
1984 Average .....	30.46	30.11	30.61	29.09	29.89	—	—
1985 Average .....	28.98	28.65	25.35	W	28.49	—	W
1986 Average .....	15.00	14.52	13.06	W	14.64	—	11.80
1987 Average .....	19.26	19.65	17.88	W	18.71	—	16.81
1988 Average .....	16.02	15.41	14.04	13.05	15.84	—	14.50
1989 Average .....	19.38	18.86	17.96	16.83	18.83	16.78	16.68
1990 Average .....	23.21	22.71	22.49	20.98	24.40	23.26	21.28
1991 Average .....	21.57	21.13	18.49	17.04	21.65	17.69	16.40
1992 Average .....	20.85	20.67	18.54	17.14	20.68	16.80	16.21
1993 Average .....	18.75	18.65	16.62	14.86	18.02	14.71	13.76
1994 Average .....	17.23	17.32	15.83	14.81	16.65	14.95	12.81
1995 Average .....	18.35	18.19	17.17	16.54	17.96	16.78	14.40
1996 Average .....	21.69	21.89	20.86	20.12	20.94	21.18	17.99
1997 Average .....	21.21	20.67	18.11	17.10	20.85	18.59	15.83
1998 Average .....	13.62	14.35	12.36	10.86	13.94	12.24	9.79
1999 Average .....	15.39	18.28	18.03	17.37	16.63	18.05	14.53
2000 Average .....	30.67	29.46	27.54	25.98	30.29	28.23	26.96
2001 Average .....	28.16	26.49	21.64	19.99	26.17	W	21.21
<b>2002</b>							
January .....	W	20.16	19.68	19.07	W	W	16.30
February .....	—	21.80	21.85	21.96	20.84	W	—
March .....	W	23.45	24.10	24.13	24.02	W	—
<b>1st Quarter</b>							
Average .....	W	21.69	21.78	21.81	23.43	W	16.30
April .....	27.17	26.67	24.67	23.84	W	W	W
May .....	25.61	26.47	24.78	24.37	W	—	W
June .....	25.78	25.74	25.00	24.54	25.71	W	W
<b>2nd Quarter</b>							
Average .....	26.25	26.39	24.82	24.21	25.41	W	W
July .....	27.47	26.80	26.02	26.08	26.57	W	23.63
August .....	26.00	27.47	27.04	26.57	27.00	W	23.78
September .....	W	29.34	27.35	24.77	27.25	W	23.65
<b>3rd Quarter</b>							
Average .....	27.15	27.76	26.81	25.76	26.96	W	23.69
October .....	W	28.25	25.22	24.69	29.42	—	W
November .....	W	27.19	26.32	26.77	27.99	W	W
December .....	29.82	30.29	28.50	28.33	27.43	—	W
<b>4th Quarter</b>							
Average .....	28.40	28.85	26.71	26.55	28.35	W	W
<b>2002 Average .....</b>	<b>26.64</b>	<b>26.20</b>	<b>25.01</b>	<b>24.70</b>	<b>26.33</b>	<b>W</b>	<b>22.44</b>
<b>2003</b>							
January .....	32.73	31.83	31.21	30.84	32.08	—	W
February .....	W	W	30.51	28.34	36.85	—	—
March .....	34.18	35.38	28.18	24.85	W	W	W
<b>1st Quarter</b>							
Average .....	34.03	34.52	30.04	27.90	33.33	W	W
April .....	28.85	31.60	25.82	24.50	30.36	W	W
May .....	29.34	28.35	25.81	25.64	27.04	—	W
June .....	30.09	29.40	28.58	27.91	30.10	—	W
<b>2nd Quarter</b>							
Average .....	29.51	30.31	26.66	25.84	28.64	W	W
July .....	30.36	W	28.20	27.03	30.28	—	W
August .....	31.09	31.20	27.74	26.46	30.56	—	W
September .....	29.99	28.16	26.15	25.86	29.54	—	W
<b>3rd Quarter</b>							
Average .....	30.63	29.92	27.29	26.49	30.05	—	W
October .....	30.79	29.12	28.50	27.99	W	—	W
November .....	31.57	W	29.92	28.83	32.71	—	W
December .....	32.67	32.87	30.87	30.22	W	—	W
<b>4th Quarter</b>							
Average .....	31.64	30.93	29.73	28.98	32.63	—	W
<b>2003 Average .....</b>	<b>31.49</b>	<b>31.37</b>	<b>28.25</b>	<b>27.25</b>	<b>30.99</b>	<b>W</b>	<b>W</b>

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: Values through 1980 reflect the month of reporting; values since then 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.

Sources: Energy Information Administration, Form FEA-F701-M-0, "Transfer Pricing Report," January 1978 through December 1978; Form ERA-51, "Transfer Pricing Report," January 1979 through September 1982; Form EP-51, "Monthly Foreign Crude Oil Transaction Report," October 1982 through June 1984; Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report," July 1984 to present.