

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													
January	15.43	16.44	17.83	17.72	17.63	17.02	17.05	17.49	17.26	17.03	16.78	17.19	15.91
February	15.54	16.43	17.70	17.73	17.91	16.91	17.04	17.64	17.38	17.01	17.06	17.04	15.79
March	17.63	18.68	19.77	19.39	19.86	18.23	19.41	19.99	19.74	19.48	19.34	19.56	18.04
April	19.58	20.62	21.80	21.57	21.73	20.38	21.51	21.98	21.78	21.64	21.39	21.63	20.25
May	17.94	18.56	20.17	20.24	20.44	19.52	19.46	19.92	19.70	19.52	19.25	19.44	18.94
June	16.94	17.77	19.50	19.58	19.83	18.85	18.70	19.27	19.00	18.90	18.65	18.86	18.27
July	17.63	18.50	19.97	19.81	20.05	18.69	19.55	19.98	19.76	19.77	19.43	19.62	19.06
August	18.29	19.17	20.44	20.49	20.57	18.99	20.32	20.71	20.47	20.42	20.12	20.39	19.72
September	19.93	21.03	22.48	22.53	22.63	21.17	22.19	22.64	22.39	22.38	22.01	21.98	21.99
October	21.09	22.20	23.20	23.71	23.85	22.18	23.22	23.71	23.46	23.48	23.03	23.15	22.78
November	20.20	21.11	23.12	22.38	W	20.92	21.95	22.92	23.17	22.15	22.47	21.93	21.38
December	21.34	22.41	23.16	23.60	23.76	22.05	23.33	23.81	23.55	23.56	23.06	23.28	22.79
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													
January	21.76	22.68	23.97	23.71	23.95	22.31	23.44	23.94	23.66	23.72	23.11	23.52	22.93
February	19.38	19.89	22.68	20.95	21.06	19.63	20.54	21.09	20.81	20.61	19.62	21.01	19.88
March	17.83	18.34	20.14	19.70	19.68	18.39	19.08	19.59	19.15	19.16	18.30	19.13	18.50
April	16.63	17.19	18.95	18.35	18.04	17.35	18.00	18.51	18.11	18.09	17.36	17.79	17.40
May	17.23	18.03	18.82	18.56	18.64	17.99	18.95	19.50	19.12	18.93	18.30	18.98	18.37
June	15.88	16.49	17.96	16.93	16.98	16.25	17.17	17.88	17.59	17.09	16.51	17.12	16.55
July	15.89	16.68	17.88	17.14	17.05	16.49	17.54	18.19	17.90	17.46	16.90	17.51	16.94
August	16.19	17.06	18.09	17.24	17.09	16.52	17.71	18.38	18.00	17.63	17.09	17.56	17.11
September	16.41	17.05	17.80	16.97	16.71	16.22	17.58	18.24	17.80	17.54	17.07	17.58	17.74
October	17.66	18.55	19.11	W	18.34	17.45	19.16	19.68	19.29	19.11	18.44	19.15	18.52
November	16.83	17.47	18.68	18.40	18.81	16.70	18.03	18.60	18.21	17.89	17.30	18.31	17.29
December	15.04	15.69	16.99	16.85	17.13	15.12	16.32	16.96	16.53	16.14	15.66	17.26	15.47
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													
January	13.45	13.92	15.41	15.59	15.84	14.06	14.67	15.29	15.01	14.60	14.01	14.80	13.84
February	12.17	13.01	14.65	14.70	15.24	13.22	14.00	14.53	14.19	13.90	13.31	14.08	13.15
March	11.15	11.86	13.85	W	14.21	12.42	12.93	13.60	13.29	12.85	12.41	13.08	12.09
April	11.28	12.09	13.97	W	14.63	12.94	13.26	13.73	13.45	13.18	12.65	13.44	12.47
May	11.13	11.83	13.68	13.99	14.19	12.44	12.67	13.28	12.98	12.58	12.06	12.72	11.86
June	10.00	10.57	12.65	W	13.15	11.29	11.27	11.84	11.65	11.18	10.84	11.46	10.36
July	10.44	11.02	12.78	W	13.37	11.49	11.70	12.19	11.86	11.56	11.17	11.96	10.77
August	10.20	10.66	12.20	W	12.66	10.96	11.20	11.69	11.45	10.96	10.54	11.19	10.22
September	11.29	11.95	13.36	W	14.04	12.21	12.73	13.10	12.74	12.50	12.04	12.72	11.79
October	11.32	11.72	13.14	W	13.67	11.93	12.21	12.61	12.33	12.03	11.40	12.18	11.24
November	9.64	10.33	12.12	W	12.61	10.89	10.81	11.12	10.79	10.54	9.94	10.65	9.70
December	8.03	8.77	10.49	W	10.97	9.00	9.29	9.79	9.61	8.98	8.26	8.99	8.63
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

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												
January	16.23	17.30	17.32	16.48	17.20	17.34	15.50	18.09	15.65	17.38	17.07	17.22
February	16.13	17.30	17.34	16.33	17.07	17.18	15.49	17.95	15.74	17.30	16.98	16.98
March	18.50	18.60	19.74	18.68	19.34	18.79	17.82	19.97	17.94	19.78	19.38	19.08
April	20.46	20.76	21.90	20.92	21.32	20.78	19.89	21.65	20.13	21.94	21.51	20.78
May	18.50	19.87	19.74	18.76	19.35	19.81	18.01	19.57	17.94	20.16	19.43	18.98
June	17.82	19.11	18.84	18.06	18.58	18.71	17.13	18.98	17.11	19.29	18.73	18.07
July	18.68	18.77	19.82	18.93	19.39	19.51	17.93	19.88	18.12	20.15	19.55	18.82
August	19.37	19.34	20.73	19.57	20.18	20.42	18.73	20.81	18.91	20.76	20.26	19.74
September	21.28	21.52	22.54	21.44	22.10	22.13	20.87	22.66	20.86	22.62	22.22	21.64
October	22.38	22.60	23.46	22.56	23.33	23.49	21.98	23.94	21.92	23.82	23.31	23.11
November	20.99	21.33	22.16	21.17	22.14	22.30	20.67	22.81	20.65	22.53	21.97	22.24
December	22.32	22.35	23.68	22.61	23.41	22.96	21.93	24.09	21.98	23.74	23.32	23.38
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												
January	22.29	22.59	23.82	22.78	23.58	23.05	22.36	24.30	22.03	23.96	23.48	23.56
February	19.49	19.92	20.94	19.72	20.71	20.70	19.36	21.40	19.15	21.02	20.49	20.90
March	18.15	18.64	19.43	18.31	19.01	18.83	18.02	19.52	17.51	19.45	18.95	18.96
April	17.18	17.51	18.37	17.30	17.83	17.53	17.04	18.40	16.43	18.40	17.88	17.52
May	18.13	18.18	19.35	18.17	18.85	18.76	17.93	19.35	17.37	19.26	18.97	18.45
June	16.30	16.49	17.59	16.48	17.24	17.19	16.19	17.66	15.53	17.60	17.24	17.14
July	16.60	16.61	18.03	16.65	17.56	17.31	16.52	17.98	15.88	17.89	17.58	17.44
August	16.79	16.71	18.23	W	17.85	17.56	16.70	18.27	16.05	18.13	17.86	17.76
September	16.71	16.33	18.06	W	17.78	17.63	16.62	18.27	15.92	18.01	17.74	17.77
October	18.30	17.81	19.68	W	19.25	19.05	18.11	19.88	17.51	19.51	19.25	19.09
November	17.16	16.89	18.53	W	18.28	18.17	17.05	18.75	16.32	18.51	18.19	18.40
December	15.34	15.36	16.78	15.87	16.43	16.42	15.24	17.00	14.64	16.57	16.32	16.56
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												
January	13.69	14.28	15.16	W	14.69	14.73	13.57	15.22	13.08	14.90	14.70	14.59
February	13.05	13.35	14.48	13.03	13.85	13.84	12.91	14.33	12.24	14.16	13.95	13.60
March	11.92	12.58	13.41	W	12.68	12.54	11.83	13.03	10.92	13.08	12.80	12.44
April	12.33	13.12	13.72	W	12.81	12.60	12.12	13.01	11.04	13.33	13.04	12.43
May	11.68	12.63	13.13	W	12.61	12.41	11.50	13.04	10.50	12.76	12.62	12.57
June	10.29	11.60	11.72	W	11.27	11.15	10.16	11.58	8.93	11.26	11.24	11.37
July	10.91	11.70	12.06	12.69	11.61	11.40	10.48	11.97	9.29	11.66	11.74	11.45
August	10.37	11.20	11.69	W	11.18	11.10	9.90	11.59	8.89	11.28	11.30	11.03
September	11.87	12.41	13.30	W	12.52	12.43	11.36	13.15	10.45	12.77	12.59	12.31
October	11.48	12.06	12.65	W	12.26	12.02	10.90	12.57	9.94	12.40	12.42	12.05
November	10.18	11.07	11.25	12.77	10.91	10.65	9.48	11.03	8.91	10.89	10.89	11.04
December	8.62	9.22	9.74	W	9.31	9.15	7.82	9.75	7.71	9.08	9.20	9.48
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

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										
January	16.73	17.26	15.73	18.37	16.38	12.93	12.13	15.67	14.55	11.23
February	16.66	17.28	15.68	18.29	16.28	13.40	12.76	15.43	14.87	11.63
March	19.01	19.58	18.03	20.65	18.62	15.18	14.23	17.40	17.11	13.58
April	20.86	21.72	20.13	22.79	20.29	16.93	16.08	19.69	18.71	15.13
May	19.12	19.60	17.92	20.69	18.85	15.73	15.82	17.58	15.96	13.17
June	18.38	18.84	17.20	19.81	18.15	14.49	14.24	17.19	15.23	12.40
July	19.23	19.87	18.15	20.49	18.98	14.85	14.62	17.96	15.53	12.67
August	19.82	20.49	18.77	20.99	19.59	15.34	15.29	18.20	15.71	13.06
September	21.69	22.35	20.63	22.70	21.48	16.59	16.30	20.07	17.31	14.58
October	22.82	23.40	21.87	23.74	22.63	17.79	17.45	21.19	18.50	16.25
November	21.39	22.28	20.51	21.94	21.19	17.42	17.27	19.99	17.93	15.47
December	22.66	23.70	21.88	23.06	22.42	18.33	17.82	21.67	19.36	17.09
1996	19.85	20.47	18.89	21.10	19.56	15.73	15.32	18.43	16.72	13.82
1997										
January	22.79	23.72	21.85	23.49	22.55	19.19	18.84	22.76	20.04	17.40
February	19.73	20.80	18.59	20.50	19.45	17.50	17.72	19.83	17.52	14.71
March	18.32	19.55	17.51	18.84	17.99	16.04	16.09	18.49	16.39	13.47
April	17.16	18.39	16.39	17.76	16.81	14.80	14.70	16.48	15.47	12.30
May	18.11	19.42	17.22	18.72	17.74	14.73	14.45	16.98	15.61	12.45
June	16.35	17.64	15.61	17.24	15.90	13.84	13.70	15.12	14.54	11.38
July	16.69	18.01	15.92	17.46	16.29	13.29	12.97	15.19	14.17	11.20
August	16.99	18.15	16.18	17.83	16.61	13.64	12.94	15.65	14.92	12.30
September	16.81	18.09	15.99	17.58	16.42	14.44	14.11	15.74	15.28	12.57
October	18.34	19.74	17.64	19.22	17.89	15.24	14.52	17.20	16.59	14.19
November	17.05	18.38	16.39	18.26	16.51	14.71	14.54	16.62	15.30	12.70
December	15.42	16.72	15.37	16.44	14.71	13.02	12.81	W	13.66	11.19
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97
1998										
January	13.73	15.10	13.72	14.84	12.96	11.46	11.67	W	11.53	9.11
February	13.09	14.35	13.10	14.17	12.34	9.46	9.15	W	10.27	7.53
March	11.92	13.35	12.08	12.93	11.09	8.66	8.48	W	9.25	6.52
April	12.31	13.52	12.40	13.47	11.54	8.63	8.14	11.40	9.56	6.84
May	11.93	12.99	11.82	13.08	11.19	8.68	8.38	11.27	9.39	6.53
June	10.36	11.59	10.40	11.49	9.63	8.01	7.74	10.87	8.64	6.03
July	10.92	12.05	11.01	12.05	10.20	8.63	8.25	11.83	9.42	6.75
August	10.25	11.20	10.20	11.60	9.58	8.70	8.39	11.51	9.39	6.74
September	11.82	12.91	11.74	12.96	11.19	9.36	8.69	12.90	10.41	7.84
October	11.49	12.42	11.27	12.73	10.93	9.95	9.89	12.46	10.36	8.02
November	10.06	10.74	9.94	11.04	9.64	7.77	7.16	10.48	8.87	6.76
December	8.56	9.65	8.48	9.25	8.10	6.17	5.46	W	7.46	5.01
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99

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 ERA-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
1994	9.77	11.79	11.65	12.47	15.71	14.54	15.65	14.16	11.87
1995	11.12	13.37	13.59	14.70	17.14	16.02	17.03	15.52	14.06
1996									
January	12.13	13.92	14.11	14.90	18.26	16.67	17.68	16.15	15.13
February	12.76	14.33	14.48	15.05	18.06	16.60	17.62	16.09	14.94
March	14.23	16.57	16.75	17.27	20.05	18.95	19.99	18.57	17.30
April	16.08	17.97	18.12	18.80	21.69	20.85	22.21	20.63	19.05
May	15.82	14.88	15.19	15.83	19.58	18.95	20.18	18.61	17.43
June	14.24	14.11	14.41	15.18	18.92	18.27	19.41	17.90	16.74
July	14.62	14.34	14.69	15.70	19.80	19.11	20.23	18.72	17.49
August	15.29	14.38	14.73	16.85	20.76	19.78	20.94	19.44	18.20
September	16.30	15.85	16.23	17.22	22.66	21.67	22.85	21.46	20.08
October	17.45	17.15	17.50	19.19	23.85	22.81	23.97	22.48	21.19
November	17.27	16.72	17.03	17.95	22.83	21.36	22.65	21.19	19.63
December	17.82	18.19	18.49	19.41	24.11	22.71	24.07	22.35	20.83
1996	15.32	15.70	15.97	17.13	20.89	19.82	20.96	19.49	18.16
1997									
January	18.84	18.86	19.05	20.06	24.17	22.90	24.09	22.62	20.87
February	17.72	15.98	16.29	17.30	21.31	19.92	21.15	19.54	17.52
March	16.09	15.25	15.40	16.39	19.56	18.59	19.72	17.67	15.92
April	14.70	14.25	14.61	15.61	18.31	17.56	18.66	16.74	14.84
May	14.45	14.86	14.99	16.23	19.39	18.44	19.70	17.99	15.58
June	13.70	13.64	13.72	14.94	17.60	16.55	17.84	16.30	13.83
July	12.97	13.36	13.56	13.94	17.96	16.87	18.19	16.72	14.34
August	12.94	14.20	14.59	W	18.23	17.08	18.42	17.03	14.61
September	14.11	14.58	14.71	W	18.26	16.94	18.30	16.89	14.43
October	14.52	15.96	16.09	W	19.88	18.55	19.82	18.50	15.78
November	14.54	14.50	14.36	W	18.78	17.38	18.78	17.25	14.14
December	12.81	12.81	12.96	W	17.03	15.55	16.79	15.46	12.13
1997	14.84	14.88	15.02	16.44	19.22	17.96	19.27	17.77	15.39
1998									
January	11.67	10.52	10.64	W	15.21	13.88	15.28	13.88	10.34
February	9.15	8.97	9.11	W	14.36	13.22	14.68	13.04	9.50
March	8.48	7.79	8.06	W	12.99	12.11	13.49	11.84	8.44
April	8.14	8.18	8.42	W	12.92	12.52	13.81	12.04	8.88
May	8.38	8.16	8.37	W	12.97	11.88	13.32	11.85	8.45
June	7.74	7.50	7.62	W	11.56	10.49	11.83	10.65	7.07
July	8.25	8.23	8.51	W	11.93	11.12	12.30	11.06	7.73
August	8.39	8.23	8.46	W	11.53	10.70	11.81	10.73	7.23
September	8.69	9.19	9.41	W	13.00	12.18	13.25	12.02	8.99
October	9.89	9.44	9.69	W	12.76	11.57	12.95	11.83	8.88
November	7.16	7.95	8.14	W	10.98	10.54	11.39	10.24	7.79
December	5.46	7.39	6.74	W	9.83	9.05	9.69	8.60	6.42
1998	8.47	8.48	8.59	9.11	12.55	11.62	12.89	11.50	8.33

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
1994	11.83	12.83	9.79	14.72	14.79	15.62
1995	13.26	14.64	11.14	16.15	16.24	16.98
1996						
January	13.80	15.60	12.16	17.04	16.97	17.65
February	14.16	15.49	12.78	16.84	16.94	17.60
March	16.32	17.85	14.25	19.10	19.24	19.92
April	17.84	19.70	16.11	20.89	21.23	22.08
May	15.22	17.88	15.84	18.93	19.47	20.16
June	14.46	17.22	14.26	18.16	18.72	19.37
July	14.77	17.92	14.65	18.97	19.54	20.20
August	14.97	18.54	15.32	19.82	20.12	20.92
September	16.62	20.40	16.34	21.77	22.04	22.81
October	17.90	21.45	17.50	22.96	23.11	23.96
November	17.21	20.14	17.29	21.91	21.86	22.64
December	18.66	21.36	17.86	23.08	23.13	23.99
1996	16.01	18.61	15.35	19.97	20.23	20.91
1997						
January	19.26	21.50	18.87	23.25	23.40	24.07
February	16.63	18.34	17.74	20.36	20.62	21.19
March	15.75	16.90	16.11	18.64	19.23	19.65
April	14.50	15.70	14.72	17.42	18.10	18.62
May	15.41	16.33	14.48	18.35	18.81	19.64
June	14.16	14.71	13.74	16.87	17.13	17.81
July	13.85	15.15	13.00	17.23	17.39	18.14
August	14.86	15.50	12.97	17.54	17.68	18.36
September	15.07	15.36	14.14	17.50	17.58	18.22
October	16.47	16.79	14.56	18.97	19.11	19.73
November	15.08	15.21	14.57	18.02	17.98	18.71
December	13.50	13.60	12.84	16.17	16.29	16.80
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998						
January	11.26	11.76	11.69	14.51	14.64	15.21
February	9.75	10.79	9.19	13.64	13.91	14.56
March	8.78	9.77	8.51	12.45	12.72	13.41
April	9.10	10.34	8.17	12.52	13.06	13.66
May	9.00	9.86	8.41	12.51	12.53	13.20
June	8.30	8.40	7.77	11.18	11.09	11.75
July	9.09	9.23	8.28	11.54	11.61	12.21
August	9.04	8.72	8.41	11.18	11.19	11.72
September	10.06	10.35	8.72	12.51	12.59	13.19
October	10.12	10.02	9.90	12.25	12.22	12.75
November	8.57	8.77	7.18	10.73	10.95	11.28
December	7.46	7.37	5.48	9.27	9.26	9.59
1998	9.22	9.62	8.50	12.03	12.17	12.80

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

Table 24. F.O.B.^a Costs of Imported Crude Oil by Selected Country

(Dollars per Barrel)

Year Month	Selected Countries							Persian Gulf ^D	Total OPEC ^C	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										
January	16.95	17.73	16.52	18.63	W	W	14.12	W	15.86	16.42
February	17.91	18.09	16.59	18.53	W	W	15.22	W	16.89	16.83
March	19.78	20.02	18.39	20.44	18.29	19.42	17.78	18.62	18.77	18.77
April	20.96	22.65	19.63	21.49	W	W	17.99	W	18.75	20.20
May	19.72	20.09	17.93	20.13	W	19.02	16.35	W	17.72	18.83
June	18.60	19.49	17.05	19.25	17.96	W	16.08	17.70	17.21	17.94
July	19.72	19.72	17.85	19.90	18.48	W	16.72	18.31	17.78	18.62
August	20.33	20.79	18.89	21.13	20.16	18.82	17.35	19.98	18.99	19.55
September	22.26	22.79	20.96	22.80	20.60	W	19.66	20.72	20.57	21.44
October	23.05	23.57	22.40	24.71	W	W	20.29	W	21.85	22.59
November	22.38	23.25	20.96	24.43	21.90	22.35	19.62	22.11	21.04	21.48
December	23.22	24.56	21.83	24.39	19.24	W	20.41	19.35	21.01	22.04
1996	20.71	21.33	19.14	21.27	19.28	19.43	17.73	19.22	18.94	19.65
1997										
January	23.20	24.14	20.98	23.45	17.37	W	19.29	17.37	20.20	21.88
February	21.35	21.12	18.57	21.53	W	W	16.68	W	17.94	19.71
March	18.66	19.41	17.00	19.02	W	—	15.50	W	16.49	17.68
April	17.05	17.87	15.94	17.97	15.82	W	14.81	15.95	15.92	16.44
May	18.25	17.95	16.84	18.99	15.64	19.03	15.30	15.70	16.28	17.33
June	17.84	16.87	15.70	18.22	15.26	18.09	14.66	15.11	15.61	16.36
July	17.72	17.73	15.99	19.12	15.14	17.40	15.02	15.19	16.02	16.65
August	17.96	18.42	16.29	18.98	16.89	18.17	15.33	16.47	16.37	16.96
September	18.15	18.52	16.02	19.35	15.33	18.44	15.25	16.15	16.51	16.99
October	19.33	19.52	17.51	20.03	W	W	15.81	W	16.32	18.15
November	18.54	18.24	16.04	19.11	W	W	14.39	W	14.99	17.02
December	16.58	17.18	13.79	17.39	W	W	12.51	W	13.31	14.97
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998										
January	14.52	15.36	12.08	15.21	W	W	11.26	W	12.26	13.14
February	13.13	14.27	11.47	13.77	W	W	10.24	W	11.35	12.10
March	12.53	13.10	9.77	13.56	W	W	9.70	W	10.93	11.22
April	12.93	13.48	11.01	13.86	W	W	10.32	7.80	10.58	11.63
May	13.85	13.08	11.25	14.13	7.62	W	9.78	7.86	10.58	11.97
June	11.82	11.85	9.96	11.57	8.25	W	9.16	8.50	9.73	10.44
July	11.14	12.24	10.44	11.77	9.06	W	8.99	8.95	9.76	10.83
August	11.37	12.12	9.87	12.23	9.77	11.13	8.54	9.68	9.69	10.60
September	12.59	13.20	11.13	13.92	W	W	10.52	W	11.35	11.95
October	11.67	13.37	11.05	12.58	10.19	W	9.43	10.19	10.22	11.66
November	10.82	11.29	9.71	10.64	9.07	10.85	6.62	8.76	8.03	10.32
December	9.33	9.58	7.82	10.29	7.69	W	6.51	7.57	7.52	8.69
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Free on Board. See Glossary.

^b Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

^c 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 ^a	Total OPEC ^b	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
1996 January	18.16	16.07	18.55	16.95	19.65	17.98	18.49	15.12	17.86	17.41	17.23
February	18.82	16.33	18.82	17.07	19.47	18.76	19.39	16.02	18.81	18.06	17.58
March	20.85	18.55	20.57	18.95	21.25	19.59	19.25	18.63	19.87	19.81	19.42
April	21.41	21.10	23.37	20.23	22.32	20.55	20.76	19.14	20.48	20.26	21.11
May	20.88	20.16	21.04	18.67	21.17	19.55	21.22	17.42	19.44	19.17	19.97
June	19.62	19.20	20.08	17.75	20.11	18.92	20.40	17.14	18.79	18.64	19.00
July	20.70	19.72	20.62	18.55	20.85	19.77	19.79	17.55	19.58	19.15	19.54
August	21.58	20.44	21.47	19.51	21.95	20.70	20.56	18.22	20.52	20.16	20.44
September	23.40	21.85	23.47	21.59	23.40	21.81	21.69	20.37	21.80	21.66	22.23
October	23.94	22.53	24.42	22.84	25.57	22.91	23.12	20.89	22.77	22.78	23.30
November	23.47	21.33	23.81	21.22	25.19	22.66	24.10	20.40	22.64	22.15	22.31
December	24.48	21.32	25.20	22.06	25.42	21.93	24.23	21.23	22.04	22.22	22.73
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
1997 January	24.45	21.79	24.98	21.52	24.67	20.90	24.18	20.42	20.88	21.49	22.87
February	22.54	19.75	21.72	19.11	23.26	18.33	24.33	17.58	18.34	19.19	20.59
March	20.32	18.44	20.39	17.43	20.58	18.04	23.59	16.57	18.13	18.05	18.83
April	18.66	17.25	18.76	16.60	19.27	17.56	18.80	16.05	17.39	17.46	17.57
May	19.58	17.47	18.76	17.59	19.87	17.10	20.04	16.42	17.08	17.58	18.15
June	19.33	16.31	17.74	16.24	19.57	16.93	19.54	15.70	16.85	17.01	17.24
July	18.59	16.61	18.57	16.50	20.02	17.02	18.59	15.99	16.82	17.12	17.40
August	19.14	17.16	18.98	16.84	20.01	18.33	19.33	16.23	18.05	17.80	17.76
September	19.50	16.97	19.36	16.69	20.35	18.02	19.56	16.14	17.86	17.86	17.84
October	20.83	18.33	20.45	18.11	21.14	17.10	18.85	16.76	17.35	17.79	19.19
November	19.64	16.78	19.28	16.84	20.55	15.43	19.93	15.41	15.75	16.63	17.99
December	18.24	15.13	18.12	14.45	19.03	14.79	18.61	13.42	15.06	15.01	16.30
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
1998 January	16.15	13.25	16.39	12.67	16.98	13.41	W	12.26	13.48	13.89	14.30
February	14.57	12.18	15.37	12.11	15.30	13.05	15.63	11.17	13.01	12.93	13.24
March	14.06	11.58	13.84	10.37	14.71	12.31	14.82	10.66	12.40	12.45	12.36
April	14.16	11.58	14.07	11.37	14.67	11.45	15.19	11.23	11.63	12.04	12.58
May	15.16	11.47	13.53	11.48	14.91	10.83	14.52	10.64	10.85	11.75	12.73
June	12.98	10.73	12.45	10.52	13.31	10.66	12.58	9.93	10.64	11.07	11.41
July	12.44	11.28	12.73	10.95	12.88	11.02	W	9.78	10.94	11.06	11.74
August	12.65	11.16	12.84	10.34	13.20	11.29	12.89	9.33	11.22	11.06	11.61
September	13.59	12.75	13.79	11.60	14.60	11.71	13.43	11.12	11.76	12.07	12.83
October	12.87	12.53	13.81	11.58	13.97	10.64	13.14	10.32	11.19	11.34	12.63
November	11.88	10.97	11.81	10.22	12.03	9.81	12.96	7.83	10.04	9.73	11.20
December	10.48	9.90	10.05	8.31	11.21	8.94	10.89	7.63	9.00	8.87	9.77
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a Includes Bahrain, Iran, Iraq, Kuwait, Neutral Zone, Qatar, Saudi Arabia, and United Arab Emirates.

^b 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.^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
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							
January	13.37	13.78	16.32	17.32	18.36	18.65	W
February	14.23	14.73	17.14	18.38	18.10	19.58	W
March	15.41	16.74	19.23	19.51	20.27	W	21.05
April	15.57	17.62	20.70	19.82	21.59	W	W
May	14.81	16.32	19.02	18.88	19.91	20.09	20.04
June	14.93	15.97	18.12	18.22	19.21	18.91	W
July	15.44	16.41	18.79	18.86	20.09	20.29	W
August	16.18	17.08	19.81	20.11	21.08	20.29	20.89
September	17.99	19.26	21.64	21.73	22.94	W	21.56
October	18.18	20.18	22.92	22.52	24.46	W	23.70
November	17.80	18.94	21.76	22.02	23.59	23.07	W
December	18.07	19.22	22.19	21.93	24.41	24.38	24.99
1996	16.01	17.26	19.90	20.04	21.20	21.00	21.59
1997							
January	16.99	18.37	22.62	21.89	24.21	22.07	22.08
February	13.75	16.25	20.15	19.27	21.61	21.61	W
March	13.39	14.96	17.91	17.53	19.58	21.01	19.69
April	13.11	14.50	16.31	16.90	18.08	W	20.51
May	13.17	15.29	17.01	17.33	19.10	18.71	W
June	13.10	14.24	15.91	16.44	18.03	18.86	18.12
July	13.50	14.77	16.82	17.06	18.45	—	18.71
August	13.26	15.04	16.77	17.55	18.82	19.00	18.93
September	13.39	14.84	17.31	17.68	18.79	19.09	19.07
October	13.13	15.52	17.28	18.14	19.94	20.67	W
November	11.72	14.16	16.45	17.01	19.05	18.14	W
December	9.63	11.99	15.18	15.29	17.14	17.17	W
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998							
January	8.33	10.13	13.32	14.32	15.30	15.36	—
February	7.39	9.41	11.83	12.98	14.11	14.82	W
March	7.50	8.68	11.82	12.32	13.44	14.02	W
April	8.08	9.42	10.77	12.55	13.58	14.19	—
May	7.37	9.29	10.12	12.69	13.71	14.29	13.72
June	7.22	8.56	10.36	10.66	12.07	12.72	11.86
July	6.99	8.90	10.07	11.28	12.36	12.71	12.89
August	6.12	8.65	9.66	11.37	12.03	12.54	12.22
September	8.12	9.91	11.98	12.78	13.38	14.20	W
October	7.66	9.53	10.57	11.78	12.99	12.36	13.55
November	4.60	7.99	9.56	10.18	11.48	11.23	11.79
December	4.55	6.71	7.86	9.03	9.93	10.03	W
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a 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							
January	14.41	14.81	17.62	18.12	18.80	19.22	18.47
February	15.29	15.52	17.66	18.86	18.80	20.03	19.74
March	16.57	17.52	19.84	20.30	20.54	21.63	21.48
April	17.04	18.65	21.71	20.94	22.12	21.86	22.15
May	15.97	17.39	19.92	19.90	21.01	21.48	21.57
June	16.10	16.90	19.17	19.20	20.09	20.30	20.63
July	16.63	17.28	19.70	19.75	20.66	21.02	20.96
August	17.33	18.00	20.52	20.86	21.72	21.54	21.81
September	19.12	19.91	22.55	22.38	23.33	22.93	22.54
October	19.23	20.97	23.32	23.34	24.80	24.73	24.87
November	18.99	19.57	22.43	22.95	24.10	24.61	24.37
December	19.17	19.92	22.96	22.71	24.77	25.19	25.53
1996	17.18	18.11	20.53	20.87	21.74	21.71	22.28
1997							
January	18.57	19.34	23.73	22.13	24.80	23.89	23.89
February	14.79	17.00	21.18	19.69	22.81	22.74	24.44
March	14.56	16.06	18.91	18.55	20.83	22.05	21.22
April	14.58	15.28	17.72	17.89	19.25	21.09	21.01
May	14.64	16.08	17.91	18.07	19.96	20.17	20.63
June	14.37	15.00	17.20	17.32	19.16	20.27	19.03
July	14.65	15.42	17.64	17.60	19.05	19.96	19.40
August	14.49	15.72	17.81	18.50	19.58	20.23	20.13
September	14.64	15.55	18.10	18.56	19.80	20.01	20.09
October	14.35	16.51	18.64	18.89	20.67	21.59	21.42
November	13.32	14.96	17.93	17.62	19.89	20.11	21.34
December	10.74	13.03	16.48	16.32	18.28	18.42	19.17
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998							
January	9.77	11.04	14.87	14.99	16.33	17.19	17.27
February	8.64	10.02	13.58	13.91	15.11	16.01	16.39
March	8.63	9.37	13.03	13.37	14.33	15.09	14.68
April	9.23	9.96	12.18	13.07	14.51	14.91	14.88
May	8.39	9.78	11.71	12.82	14.33	14.70	14.66
June	8.26	9.28	11.46	11.62	13.06	13.42	13.06
July	8.12	9.64	11.12	11.82	13.12	13.58	14.02
August	7.21	9.49	10.97	11.91	12.81	13.50	13.51
September	9.42	10.85	12.21	12.80	13.95	15.36	14.80
October	8.95	10.60	11.82	12.16	13.58	13.21	14.66
November	5.71	8.79	10.37	10.82	12.32	12.64	12.67
December	5.65	7.71	8.94	9.84	10.62	11.24	12.24
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38

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							
January	4.15	22.60	17.85	28.54	23.19	2.19	1.48
February	4.52	22.26	14.69	28.79	24.96	3.51	1.27
March	3.79	19.54	19.77	31.45	22.75	1.17	1.54
April	4.56	20.86	13.84	31.67	26.91	0.96	1.20
May	4.51	18.61	15.86	32.04	24.32	3.00	1.66
June	4.29	20.45	15.33	34.01	22.65	2.29	0.98
July	6.17	18.84	13.25	33.93	24.75	2.16	0.90
August	5.23	19.66	12.44	35.69	22.73	2.57	1.69
September	3.99	21.90	13.26	36.65	21.75	0.65	1.80
October	3.92	22.24	15.65	30.63	23.84	1.09	2.62
November	5.03	22.49	13.65	31.88	23.91	2.24	0.80
December	4.63	21.77	11.45	38.24	20.65	1.68	1.59
1996	4.58	20.88	14.69	32.92	23.51	1.95	1.47
1997							
January	4.81	21.56	12.96	34.96	21.61	2.76	1.34
February	4.66	22.18	15.45	29.96	24.56	2.33	0.86
March	5.24	21.60	12.11	36.02	21.09	2.14	1.80
April	6.80	20.41	14.34	32.48	22.99	1.79	1.20
May	6.62	21.61	13.24	33.72	21.18	2.58	1.05
June	5.61	21.19	14.03	34.45	21.17	2.02	1.54
July	7.08	22.27	14.68	32.31	21.71	0.86	1.09
August	6.24	23.33	11.33	36.18	20.93	0.81	1.19
September	6.20	23.75	11.30	35.13	20.15	1.58	1.89
October	6.93	19.41	14.15	36.46	20.45	1.20	1.40
November	6.35	21.54	13.00	36.42	20.16	1.69	0.85
December	5.69	23.46	14.04	34.22	20.02	1.64	0.92
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998							
January	5.17	24.45	13.19	30.90	22.30	3.08	0.91
February	5.76	22.27	14.02	29.24	24.35	2.06	2.30
March	6.88	21.12	14.05	34.06	20.89	2.10	0.89
April	6.70	21.71	17.53	30.78	20.20	1.89	1.19
May	4.87	20.34	14.47	32.73	23.37	2.28	1.95
June	5.66	20.67	14.58	36.82	20.08	0.98	1.22
July	5.91	18.04	14.65	39.69	17.80	2.19	1.70
August	5.01	19.00	13.41	39.86	18.84	1.58	2.30
September	5.87	20.51	11.47	38.97	19.75	1.55	1.89
October	6.97	18.31	11.80	38.98	21.02	1.28	1.64
November	5.68	19.24	15.59	33.25	23.69	0.63	1.90
December	5.65	18.38	13.01	41.26	17.97	2.79	0.95
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57

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.^a 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					
January	W	W	18.06	W	23.45
February	W	16.71	16.01	W	19.86
March	17.71	W	14.69	W	W
1st Quarter					
Average	19.51	17.27	16.39	W	21.59
April	W	15.29	14.14	W	17.19
May	17.79	15.20	14.51	W	W
June	W	14.42	13.41	W	W
2nd Quarter					
Average	17.10	14.96	14.06	W	17.57
July	17.35	14.37	13.79	W	18.06
August	17.54	14.97	14.47	W	W
September	17.65	14.70	14.21	—	W
3rd Quarter					
Average	17.51	14.71	14.17	W	18.09
October	18.90	15.68	15.17	W	W
November	18.08	W	13.51	W	19.06
December	16.24	W	11.31	—	16.33
4th Quarter					
Average	17.89	14.73	13.03	W	18.07
1997 Average	17.93	15.37	14.29	17.95	18.75
1998					
January	13.79	W	10.13	W	14.84
February	12.98	W	9.19	W	13.38
March	12.04	W	9.02	W	12.90
1st Quarter					
Average	12.76	W	9.49	W	13.63
April	12.56	W	8.67	W	12.85
May	13.33	W	8.33	W	13.89
June	11.11	W	7.80	W	10.85
2nd Quarter					
Average	12.26	W	8.31	W	12.71
July	10.91	W	9.21	W	11.63
August	10.87	W	8.85	W	11.56
September	W	W	10.65	—	13.51
3rd Quarter					
Average	11.29	W	9.57	W	12.28
October	11.35	W	10.70	W	11.74
November	10.13	W	9.31	—	10.26
December	9.12	W	7.62	—	9.65
4th Quarter					
Average	10.06	W	9.32	W	10.56
1998 Average	11.59	W	9.18	11.56	12.44

See footnotes at end of table.

Table 29. F.O.B.^a 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					
January	18.47	24.61	24.58	22.97	W
February	15.97	22.26	22.74	19.29	15.89
March	14.89	19.87	W	17.31	W
1st Quarter					
Average	16.51	22.34	22.66	19.81	W
April	14.49	18.40	W	16.73	W
May	15.34	19.40	19.06	16.98	W
June	14.12	17.76	W	16.08	W
2nd Quarter					
Average	14.65	18.50	18.27	16.60	W
July	14.43	18.36	19.28	16.53	W
August	14.97	18.74	W	16.86	15.27
September	14.87	18.58	W	W	W
3rd Quarter					
Average	14.77	18.55	19.32	17.05	15.51
October	15.93	20.06	W	18.44	W
November	14.42	19.00	W	W	W
December	11.49	17.26	W	W	12.20
4th Quarter					
Average	14.02	18.80	18.67	17.07	13.01
1997 Average	14.97	19.67	19.68	17.73	14.76
1998					
January	9.70	15.51	W	W	10.90
February	9.06	14.46	W	W	9.69
March	7.79	13.41	W	W	9.83
1st Quarter					
Average	8.82	14.54	W	W	10.23
April	9.29	13.78	13.62	12.01	10.27
May	9.31	14.12	14.22	11.36	W
June	8.47	12.36	11.41	10.67	W
2nd Quarter					
Average	9.03	13.46	13.11	11.35	10.02
July	9.16	12.70	W	10.80	8.51
August	8.46	12.24	W	W	8.40
September	9.57	13.82	W	W	W
3rd Quarter					
Average	9.07	12.93	W	11.05	9.02
October	9.60	13.11	W	W	W
November	8.21	11.66	W	W	W
December	6.37	10.14	—	W	W
4th Quarter					
Average	7.91	11.59	W	W	W
1998 Average	8.75	13.14	13.39	11.54	8.96

Dash (—) = No data reported.

W = Withheld to avoid disclosure of individual company data.

^a 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							
January	23.98	20.83	19.55	24.63	24.60	19.10	25.13
February	21.33	18.73	17.84	20.28	20.97	16.56	22.63
March	19.46	17.33	16.23	18.31	W	15.49	20.20
1st Quarter							
Average	21.80	18.80	17.96	20.67	22.45	17.04	22.65
April	17.72	16.04	15.43	17.71	18.41	15.14	18.98
May	19.00	16.21	15.66	17.41	W	15.97	19.88
June	W	15.45	14.78	17.30	W	14.78	18.29
2nd Quarter							
Average	18.35	15.93	15.31	17.45	18.85	15.30	19.06
July	18.26	15.50	15.14	15.97	19.49	15.00	18.83
August	18.65	16.05	15.61	16.75	W	15.53	19.18
September	18.96	16.01	15.39	16.05	W	15.36	19.05
3rd Quarter							
Average	18.61	15.87	15.38	16.28	19.42	15.31	19.02
October	20.20	16.66	16.26	18.52	20.48	16.56	20.50
November	19.30	15.48	15.06	18.25	20.59	15.18	19.42
December	17.90	13.77	12.72	15.77	17.83	12.17	17.71
4th Quarter							
Average	19.18	15.18	14.41	17.88	19.59	14.76	19.26
1997 Average	19.47	16.46	15.72	18.06	20.07	15.57	20.05
1998							
January	15.18	11.86	11.36	14.31	16.34	10.37	16.01
February	14.25	10.79	10.17	13.97	14.77	9.66	14.88
March	13.29	10.51	10.15	11.94	14.44	8.21	13.77
1st Quarter							
Average	14.04	11.14	10.59	13.35	15.12	9.40	14.94
April	13.81	10.25	9.65	12.14	14.28	9.63	14.18
May	14.17	10.34	9.42	10.54	15.11	9.61	14.38
June	12.46	9.54	9.02	10.74	12.27	8.84	12.79
2nd Quarter							
Average	13.39	9.98	9.41	11.03	13.99	9.39	13.81
July	12.18	10.00	10.00	10.63	12.67	9.53	13.03
August	12.09	10.39	9.74	10.93	12.70	8.87	12.61
September	12.77	11.11	11.29	11.71	14.43	9.93	14.01
3rd Quarter							
Average	12.36	10.49	10.33	10.99	13.24	9.47	13.25
October	12.78	11.15	11.57	12.99	12.75	10.02	13.58
November	11.54	10.36	10.24	10.38	11.31	8.53	12.18
December	10.08	9.01	8.55	W	10.67	6.73	10.44
4th Quarter							
Average	11.51	10.05	10.23	11.51	11.52	8.30	12.00
1998 Average	12.69	10.41	10.15	11.55	13.65	9.21	13.58

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							
January	W	25.76	21.87	20.05	24.80	23.89	W
February	W	23.96	18.89	17.81	24.33	20.11	16.70
March	W	20.12	18.64	17.39	23.59	18.18	W
1st Quarter							
Average	W	23.79	19.84	18.65	24.39	20.72	W
April	W	19.10	17.82	17.10	19.40	17.59	W
May	19.74	19.98	17.69	16.57	20.01	17.98	W
June	W	19.14	17.42	16.64	19.63	17.15	W
2nd Quarter							
Average	19.79	19.40	17.66	16.76	19.67	17.58	W
July	—	19.95	17.27	16.67	18.73	17.26	W
August	W	20.06	18.70	18.09	19.44	17.56	16.12
September	21.06	20.30	18.30	17.80	19.40	18.36	W
3rd Quarter							
Average	20.88	20.13	18.05	17.54	19.18	17.70	16.38
October	W	20.67	18.13	16.84	W	19.21	W
November	W	20.37	16.68	14.90	W	17.95	W
December	—	19.14	15.73	14.18	W	W	13.18
4th Quarter							
Average	20.61	19.98	16.63	15.38	19.50	17.86	14.02
1997 Average	21.21	20.67	18.11	17.10	20.85	18.59	15.83
1998							
January	W	16.76	14.64	12.69	W	14.62	11.82
February	16.84	15.35	14.04	12.56	W	W	10.53
March	14.37	14.82	12.84	12.10	15.27	W	10.81
1st Quarter							
Average	15.62	15.53	13.77	12.46	15.71	13.83	11.15
April	15.13	14.55	13.33	11.05	15.20	12.80	11.16
May	15.07	15.18	12.58	10.68	14.18	11.97	W
June	13.42	13.16	11.22	10.57	W	11.29	W
2nd Quarter							
Average	14.77	14.31	12.44	10.75	14.37	12.02	10.80
July	W	12.49	12.09	10.85	W	11.54	9.29
August	13.47	12.95	11.46	11.44	13.17	W	9.16
September	14.57	14.48	12.84	11.20	13.52	W	W
3rd Quarter							
Average	13.75	13.13	12.15	11.17	13.33	11.75	9.80
October	W	14.20	12.63	9.72	13.42	W	W
November	11.90	11.68	11.59	9.37	13.37	W	W
December	11.03	W	9.68	8.83	W	W	W
4th Quarter							
Average	11.82	12.98	11.00	9.26	13.13	W	W
1998 Average	13.62	14.35	12.36	10.86	13.94	12.24	9.79

Dash (—) = No data reported.

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