Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019 average	55.59	54.27	56.60	60.31	57.94	59.38
2020						
January	56.55	46.98	51.20	60.39	53.87	57.92
February	49.66	42.13	44.69	54.01	47.39	51.37
March	31.01	24.16	27.14	35.00	28.50	32.55
April	15.18	14.22	17.50	21.07	16.74	19.32
May	18.02	19.28	22.73	24.43	22.56	23.55
June	33.81	33.74	36.17	37.25	36.14	36.80
July	37.44	36.73	38.97	40.56	39.33	40.08
August	39.37	37.39	40.15	42.83	41.72	42.42
September	36.82	36.06	38.19	40.41	38.73	39.81
October	36.39	34.35	37.11	40.06	37.81	39.21
November	38.25	36.44	39.28	41.56	39.15	40.68
December	43.92	41.86	44.78	46.69	45.34	46.20
2020 average	36.86	33.66	36.42	41.23	37.41	39.75
2021						
January	49.73	46.77	49.38	52.45	49.52	51.36
February	56.72	53.08	55.50	60.14	55.67	58.39
March	60.67	57.48	59.12	63.24	59.78	61.96
April	59.87	57.83	60.75	63.25	60.86	62.39
May	62.80	61.76	63.92	65.94	63.81	65.15
June	68.57	64.97	67.50	71.60	68.85	70.54
July	70.12	65.73	68.11	73.28	69.88	71.97
August	65.67	63.00	65.82	69.27	65.66	67.87
September	69.08	66.36	68.66	72.38	69.26	71.09
October	78.51	73.40	75.61	80.82	76.08	78.88
November	76.45	R71.48	R74.83	79.67	76.35	78.41
December	70.55	R64.56	R67.03	R74.47	R68.22	R71.98
2021 average	65.90	R61.99	R64.90	R69.08	R65.81	R67.82
2022						
January	80.32	71.51	73.86	R82.34	R76.78	R80.07
February[c]	NA	NA	NA	E91.39	E86.25	E89.42

NA = Not available.

E = Estimated data.

R = Revised data.

[a] Free on Board. See Glossary.

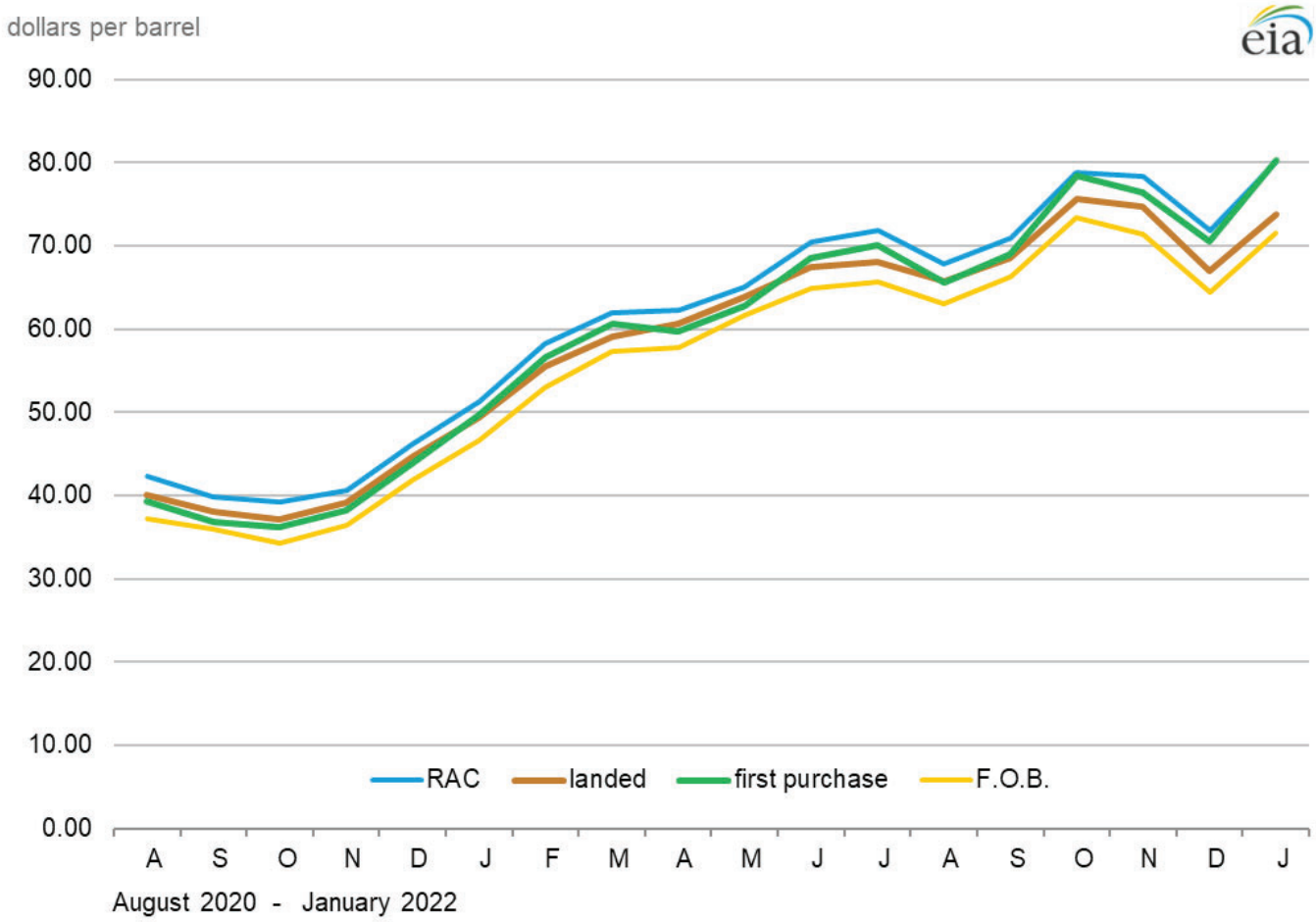
[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2020 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, Refiners' Monthly Cost Report.

Figure 1. Crude oil prices



Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*; Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*.
Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts

dollars per barrel

	United States			PAD District 1			PAD District 2		
Year month	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019	60.31	57.94	59.38	64.02	65.37	65.02	58.17	50.92	54.59
2020									
January	60.39	53.87	57.92	63.24	64.08	63.77	58.99	45.98	52.41
February	54.01	47.39	51.37	57.27	57.28	57.28	50.76	38.20	43.93
March	35.00	28.50	32.55	35.93	37.10	36.60	30.59	21.65	25.64
April	21.07	16.74	19.32	27.42	26.07	26.65	19.25	13.19	15.86
May	24.43	22.56	23.55	36.45	30.34	32.24	25.07	17.46	21.15
June	37.25	36.14	36.80	42.97	37.34	39.27	38.11	35.22	36.74
July	40.56	39.33	40.08	45.44	43.76	44.18	41.15	37.50	39.42
August	42.83	41.72	42.42	45.83	44.95	45.16	42.71	39.73	41.26
September	40.41	38.73	39.81	43.67	41.74	42.25	40.30	35.84	38.36
October	40.06	37.81	39.21	41.42	40.17	40.56	39.93	35.99	38.27
November	41.56	39.15	40.68	45.02	43.61	44.02	41.67	36.52	39.40
December	46.69	45.34	46.20	51.51	49.60	49.99	47.37	42.65	45.32
2020	41.23	37.41	39.75	44.76	43.73	44.07	40.66	33.48	37.17
2021									
January	52.45	49.52	51.36	55.93	54.38	54.66	52.50	45.81	49.22
February	60.14	55.67	58.39	63.55	60.82	61.53	59.98	50.97	55.77
March	63.24	59.78	61.96	66.89	65.74	65.96	63.77	56.82	60.50
April	63.25	60.86	62.39	68.22	65.59	65.94	63.54	57.02	60.74
May	65.94	63.81	65.15	69.76	68.63	68.81	66.61	60.89	64.09
June	71.60	68.85	70.54	74.97	73.18	73.44	72.25	65.37	69.34
July	73.28	69.88	71.97	76.48	74.82	75.09	74.18	66.54	70.92
August	69.27	65.66	67.87	73.16	71.73	71.97	69.79	61.90	66.52
September	72.38	69.26	71.09	76.34	73.99	74.31	73.18	66.19	70.18
October	80.82	76.08	78.88	83.82	82.61	82.81	82.55	71.33	76.68
November	79.67	76.35	78.41	83.43	82.27	82.45	81.11	73.74	77.72
December	R74.47	R68.22	R71.98	R78.02	R75.58	75.91	R74.86	R62.13	R68.58
2021	R69.08	R65.81	R67.82	72.07	71.15	71.30	69.90	R61.94	R66.27
2022									
January	R82.34	R76.78	R80.07	82.28	84.70	84.41	83.56	71.91	77.83

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)

dollars per barrel

	PAD District 3			PAD District 4			PAD District 5		
Year month	**Domestic**	**Imported**	**Composite**	**Domestic**	**Imported**	**Composite**	**Domestic**	**Imported**	**Composite**
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019	60.44	59.49	60.19	54.65	49.53	52.26	64.45	64.24	64.34
2020									
January	60.28	55.09	58.98	52.65	44.72	48.44	64.71	64.37	64.55
February	54.68	50.56	53.63	50.06	37.62	43.01	55.80	56.88	56.39
March	35.96	30.62	34.73	34.39	20.63	27.31	36.05	36.02	36.04
April	20.84	15.84	19.32	21.00	11.01	16.10	23.00	24.54	23.68
May	22.21	23.44	22.73	25.68	13.89	17.68	30.20	31.65	30.82
June	36.58	36.30	36.49	38.04	35.35	36.27	37.69	37.79	37.73
July	40.05	39.73	39.96	40.55	34.81	36.99	41.35	42.74	41.97
August	42.72	42.21	42.59	41.34	38.94	40.26	43.67	44.45	44.02
September	40.41	39.79	40.26	38.88	35.67	37.47	40.83	42.11	41.39
October	40.22	38.52	39.74	38.29	34.21	35.84	39.96	40.98	40.40
November	41.47	39.91	41.05	39.61	36.01	37.40	41.92	42.82	42.27
December	46.17	45.93	46.11	44.84	40.18	42.14	48.34	48.75	48.52
2020	41.15	37.60	40.16	39.40	32.47	35.46	42.46	44.11	43.21
2021									
January	52.20	50.39	51.78	50.24	44.33	47.35	54.05	53.70	53.88
February	59.95	57.13	59.27	58.24	49.29	52.71	61.04	61.17	61.11
March	62.76	59.72	62.07	61.92	54.10	56.91	64.71	64.53	64.63
April	62.94	61.23	62.53	61.73	56.70	59.60	64.33	63.99	64.15
May	65.46	63.43	65.01	64.88	58.65	61.29	67.34	67.31	67.33
June	71.11	69.15	70.63	70.67	62.58	65.65	72.95	72.82	72.87
July	72.92	70.41	72.27	71.61	63.28	66.66	73.72	73.87	73.81
August	69.06	66.01	68.29	67.21	59.92	62.59	69.71	69.73	69.72
September	71.84	69.32	71.15	71.06	61.16	64.89	73.69	74.08	73.92
October	79.91	77.13	79.23	80.20	71.10	74.96	82.56	82.14	82.32
November	79.01	76.23	78.33	78.55	72.21	74.81	80.75	79.47	80.09
December	R74.43	R69.64	73.22	R71.63	63.98	67.12	R74.61	R73.09	R73.75
2021	R68.72	R66.32	68.13	67.72	60.45	63.44	R69.71	R70.18	R69.97
2022									
January	81.93	77.36	80.71	79.05	66.64	71.81	83.91	83.22	83.51

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2020 are final.

Sources: U.S. Energy Information Administration Form EIA-14, Refiners' Monthly Cost Report, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average		
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662
2019	2.245	W	1.970	0.603	W	2.449	2.114	2.269	2.115	-	1.584
2020											
January	2.150	W	1.958	0.502	W	2.473	2.002	2.328	2.006	-	1.939
February	2.060	W	1.667	0.469	W	2.305	1.835	2.113	1.838	-	1.735
March	1.862	W	1.257	0.378	W	2.080	1.486	1.813	1.489	-	1.371
April	1.490	W	0.740	0.368	W	1.551	1.137	1.220	1.138	-	0.976
May	1.598	W	0.728	0.421	W	1.305	1.130	1.162	1.130	-	0.817
June	1.768	W	1.046	0.515	3.321	1.483	1.354	1.338	1.354	-	0.949
July	1.806	2.761	1.175	0.518	3.059	1.483	1.431	1.394	1.431	-	1.071
August	1.814	2.805	1.188	0.541	3.163	W	1.456	1.464	1.456	-	1.224
September	1.804	2.613	1.110	0.508	W	1.759	1.386	1.411	1.386	-	1.200
October	1.773	2.495	1.134	0.548	W	1.878	1.400	1.360	1.400	-	1.151
November	1.736	2.485	1.216	0.577	W	1.769	1.482	1.760	1.485	-	1.145
December	1.828	2.674	1.395	0.697	W	1.977	1.624	2.004	1.628	-	1.290
2020	1.829	2.685	1.293	0.502	W	1.891	1.486	1.660	1.488	-	1.246
2021											
January	1.986	2.829	1.485	0.908	W	2.022	1.713	2.103	1.715	-	1.462
February	2.201	3.148	1.642	0.972	W	2.190	1.933	2.173	1.935	-	1.617
March	2.442	3.364	1.763	0.964	W	2.324	2.111	2.323	2.113	-	1.766
April	2.493	3.363	1.724	0.851	W	2.322	2.090	2.185	2.091	-	1.756
May	2.683	3.447	1.822	0.833	W	2.380	2.177	2.291	2.177	-	1.760
June	3.000	3.492	1.906	0.966	W	2.514	2.228	2.341	2.228	-	1.867
July	3.105	W	1.981	1.096	2.860	2.593	2.282	2.505	2.283	-	1.969
August	3.146	W	1.965	1.122	W	2.596	2.266	2.395	2.267	-	1.901
September	3.143	W	2.032	1.296	2.817	2.614	2.323	2.387	2.324	-	1.950
October	3.201	3.783	2.303	1.459	3.425	2.864	2.561	2.678	2.562	-	2.091
November	3.318	3.778	2.309	1.292	3.799	2.859	2.542	2.651	2.544	-	2.141
December	3.283	W	R2.168	1.098	R3.279	R2.814	R2.374	2.760	2.379	-	2.090
2021	2.569	3.469	1.954	1.088	W	2.520	2.203	2.413	2.205	-	1.864
2022											
January	3.145	3.689	2.451	1.199	3.814	3.028	2.653	3.173	2.657	-	2.160

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

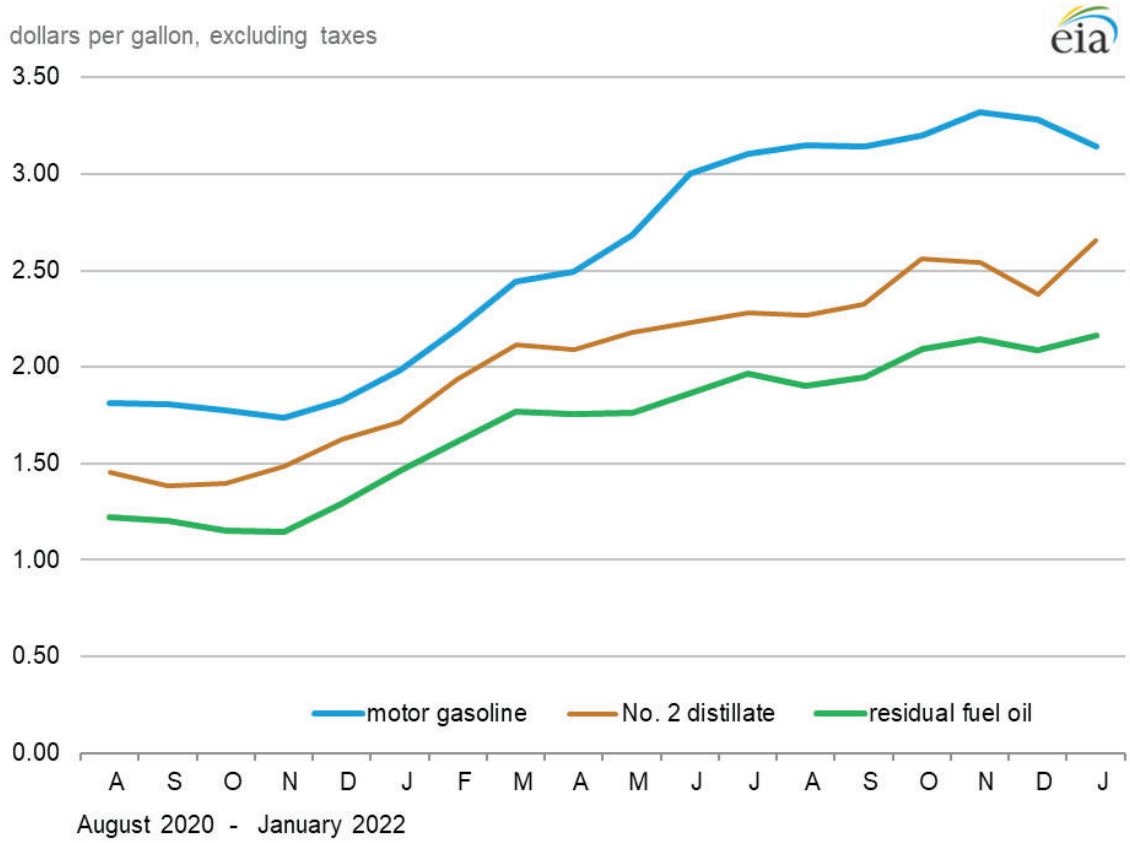
R = Revised data.

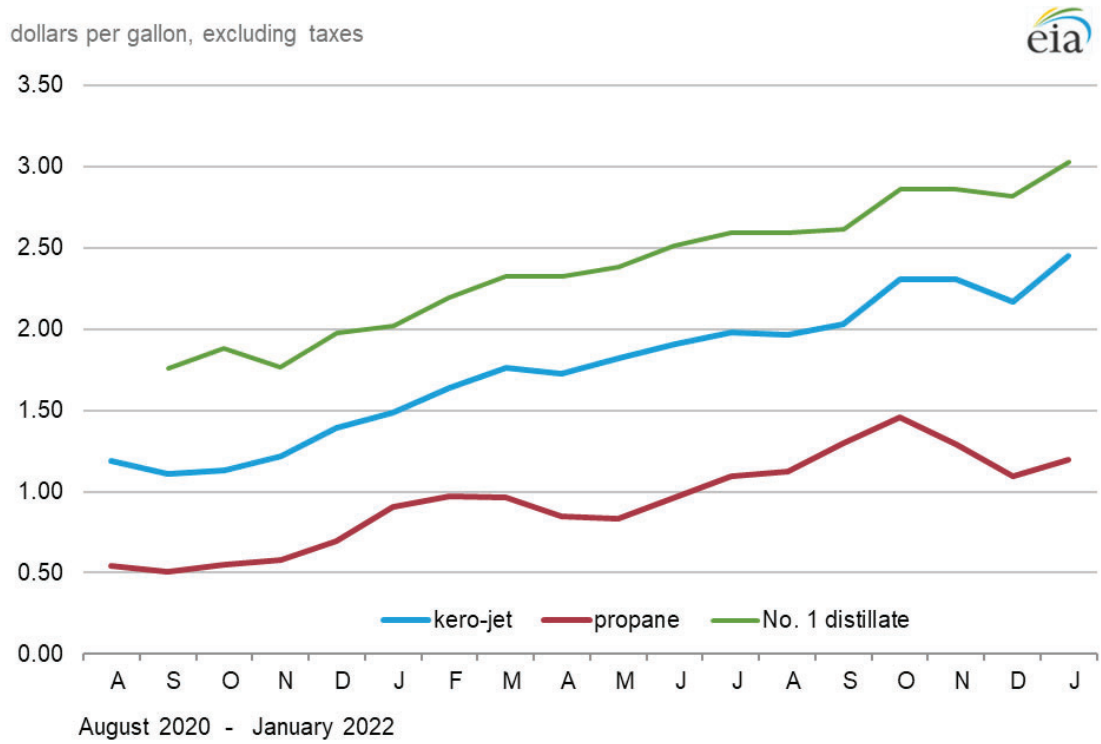
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. Refiner retail petroleum product prices





Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5
2019	24.2	W	31.5	3.0	W	0.1	11.9	0.1	12.0	-	2.6
2020											
January	22.8	W	31.2	3.7	W	0.2	11.0	0.2	11.1	-	1.8
February	23.3	W	30.0	4.1	W	0.1	11.2	0.1	11.3	-	2.4
March	18.5	W	27.2	4.3	W	0.1	10.5	0.1	10.6	-	2.0
April	12.4	W	13.8	2.8	W	0.1	10.5	0.1	10.6	-	2.3
May	15.6	W	14.2	3.0	W	0.1	9.2	0.1	9.3	-	1.6
June	19.1	W	18.2	2.1	0.0	0.0	9.2	0.1	9.3	-	1.8
July	20.6	0.0	20.2	2.2	0.0	0.1	9.4	0.1	9.6	-	2.0
August	20.6	0.0	21.1	2.4	0.0	W	9.3	0.1	9.4	-	1.7
September	20.5	0.0	20.2	3.4	W	0.1	9.5	0.1	9.5	-	1.9
October	20.7	0.0	20.5	3.0	W	0.1	9.7	0.1	9.9	-	2.9
November	19.0	0.0	22.1	3.7	W	0.2	9.4	0.1	9.5	-	2.0
December	18.7	0.0	24.1	3.5	W	0.1	9.2	0.1	9.2	-	2.3
2020	19.3	0.0	21.9	3.2	W	0.1	9.8	0.1	9.9	-	2.1
2021											
January	18.1	0.0	21.3	3.9	W	0.1	9.3	0.1	9.3	-	2.1
February	18.5	0.0	20.7	4.2	W	0.2	9.3	0.1	9.4	-	2.0
March	20.1	0.0	24.4	3.0	W	0.1	9.7	0.1	9.8	-	2.1
April	20.8	0.0	26.0	3.4	W	0.1	10.0	0.1	10.1	-	2.0
May	12.2	0.0	26.4	3.0	W	0.0	9.0	0.1	9.1	-	1.8
June	4.9	0.0	28.0	3.2	W	0.0	8.8	0.1	8.8	-	2.2
July	4.8	W	28.3	4.6	0.0	0.0	7.9	0.0	8.0	-	1.8
August	4.8	W	31.3	4.2	W	0.1	8.0	0.1	8.0	-	2.0
September	4.7	W	30.8	5.2	0.0	0.1	8.2	0.1	8.3	-	1.8
October	4.6	0.0	29.2	4.4	0.0	0.1	7.9	0.1	8.0	-	2.0
November	4.5	0.0	30.4	2.7	0.0	0.1	7.7	0.1	7.8	-	2.2
December	4.4	W	32.2	3.5	0.0	0.2	8.0	0.1	8.0	-	1.9
2021	10.2	0.0	27.5	3.8	W	0.1	8.6	0.1	8.7	-	2.0
2022											
January	5.3	0.0	29.6	4.1	0.0	0.2	8.0	0.1	8.0	-	2.6

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

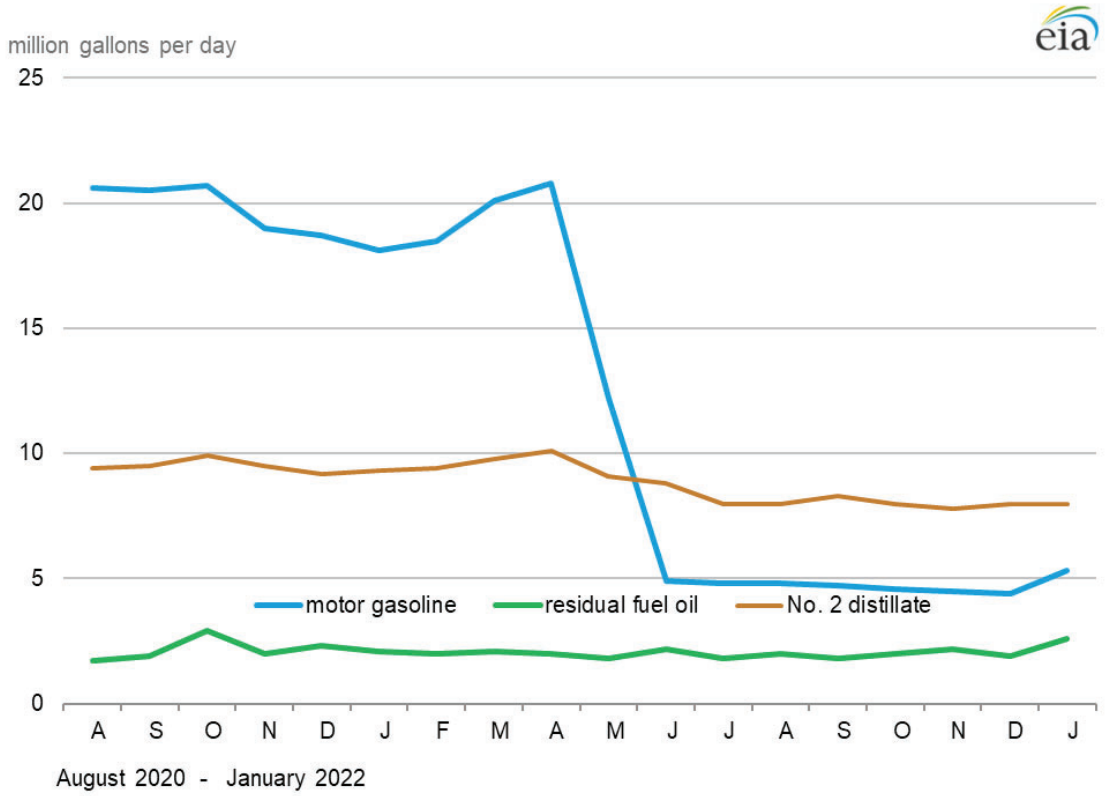
R = Revised data.

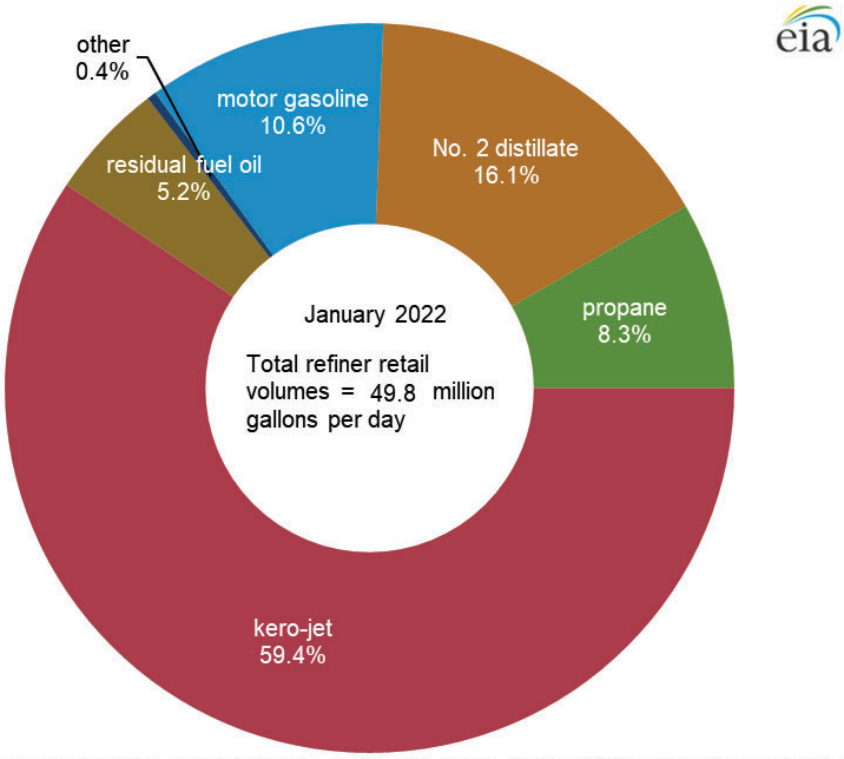
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. Refiner retail petroleum product volumes





Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale

dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate: No. 2 diesel fuel	No. 2 distillate: No. 2 fuel oil	No. 2 distillate: Average	No. 4 fuel[a]	Residual fuel oil
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463
2019	1.858	2.842	1.929	0.622	2.017	2.296	1.958	1.895	1.955	W	1.428
2020											
January	1.743	2.752	1.891	0.557	2.008	2.171	1.858	1.863	1.858	W	1.675
February	1.669	2.698	1.613	0.530	1.802	1.968	1.671	1.627	1.668	W	1.540
March	1.127	2.279	1.189	0.410	1.115	1.579	1.278	1.238	1.275	W	1.121
April	0.645	1.590	0.703	0.378	0.837	1.193	0.908	0.872	0.906	W	0.733
May	1.049	1.869	0.690	0.454	0.848	1.115	0.878	0.795	0.873	W	0.775
June	1.311	2.134	1.002	0.514	1.099	1.424	1.135	1.002	1.129	W	1.017
July	1.380	2.253	1.144	0.507	1.172	1.526	1.254	1.152	1.251	W	1.137
August	1.389	2.219	1.162	0.536	1.250	1.526	1.275	1.179	1.273	W	1.135
September	1.354	2.246	1.076	0.516	1.215	1.445	1.195	1.091	1.191	W	1.066
October	1.312	2.217	1.107	0.597	1.293	1.499	1.215	1.089	1.210	W	1.041
November	1.287	2.123	1.180	0.630	1.322	1.647	1.315	1.156	1.306	W	1.145
December	1.394	2.289	1.353	0.725	1.585	1.740	1.475	1.341	1.466	W	1.320
2020	1.330	2.233	1.295	0.535	1.310	1.772	1.286	1.246	1.284	W	1.143
2021											
January	1.575	2.482	1.456	0.922	1.688	1.798	1.580	1.481	1.574	W	1.432
February	1.784	2.659	1.599	1.032	1.939	2.049	1.806	1.667	1.796	W	1.518
March	2.011	2.978	1.720	0.985	1.854	2.244	1.956	1.726	1.944	W	1.683
April	2.055	3.018	1.688	0.849	1.816	2.134	1.911	1.700	1.903	W	1.686
May	2.181	3.107	1.790	0.824	1.800	2.362	2.072	1.806	2.064	W	1.736
June	2.252	3.190	1.871	0.950	1.907	2.449	2.147	1.927	2.141	W	1.783
July	2.337	3.337	1.946	1.075	1.940	2.467	2.182	1.931	2.177	W	1.818
August	2.302	3.299	1.922	1.110	1.899	2.446	2.146	1.885	2.142	W	1.776
September	2.310	3.248	2.008	1.280	2.109	2.475	2.240	2.041	2.235	W	1.845
October	2.494	3.367	2.281	1.460	2.434	2.791	2.504	2.356	2.499	W	2.069
November	2.484	3.410	2.283	1.329	2.405	2.684	2.454	2.267	2.447	W	1.927
December	2.304	3.154	2.145	1.140	2.272	2.583	R2.273	2.111	2.264	W	1.861
2021	2.193	3.133	1.914	1.087	2.069	2.322	2.116	1.876	2.106	W	1.770
2022											
January	2.423	3.376	2.422	1.249	2.655	2.845	2.552	2.438	2.544	W	2.085

W = Withheld to avoid disclosure of individual company data.

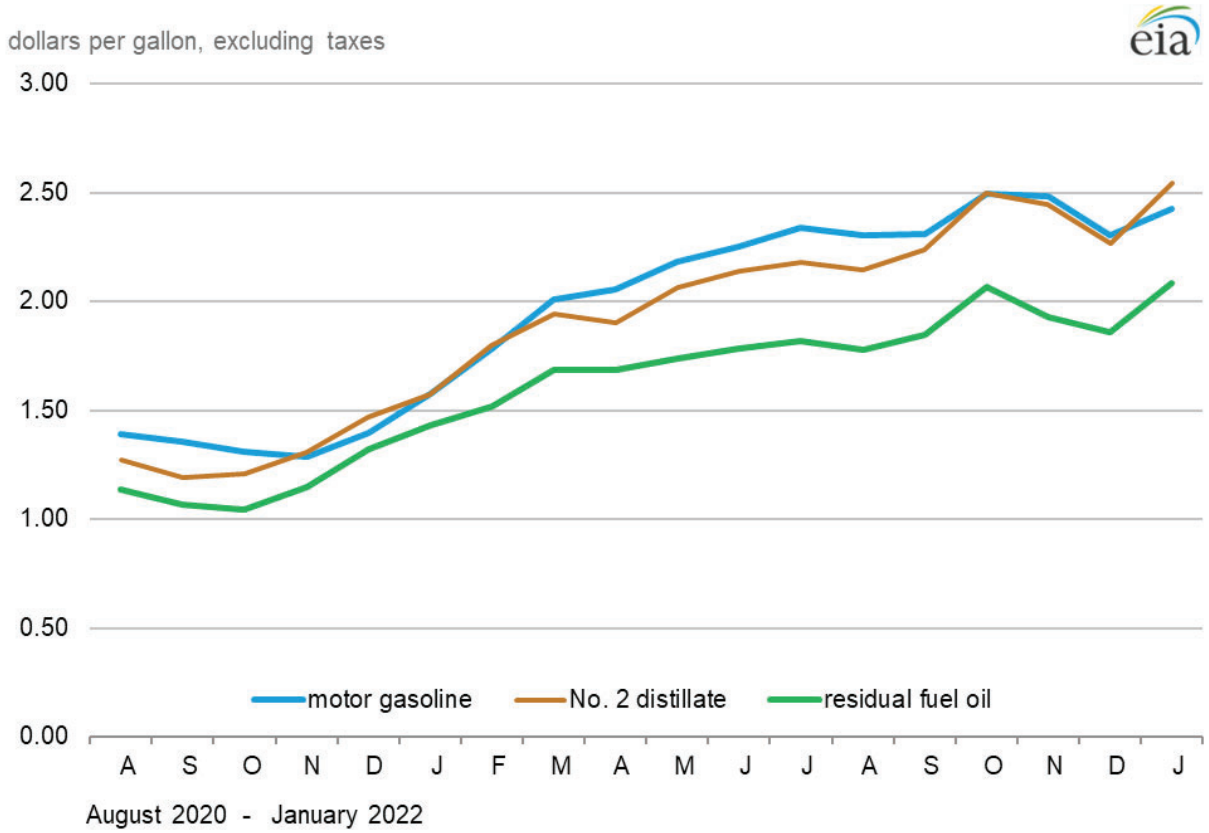
R = Revised data.

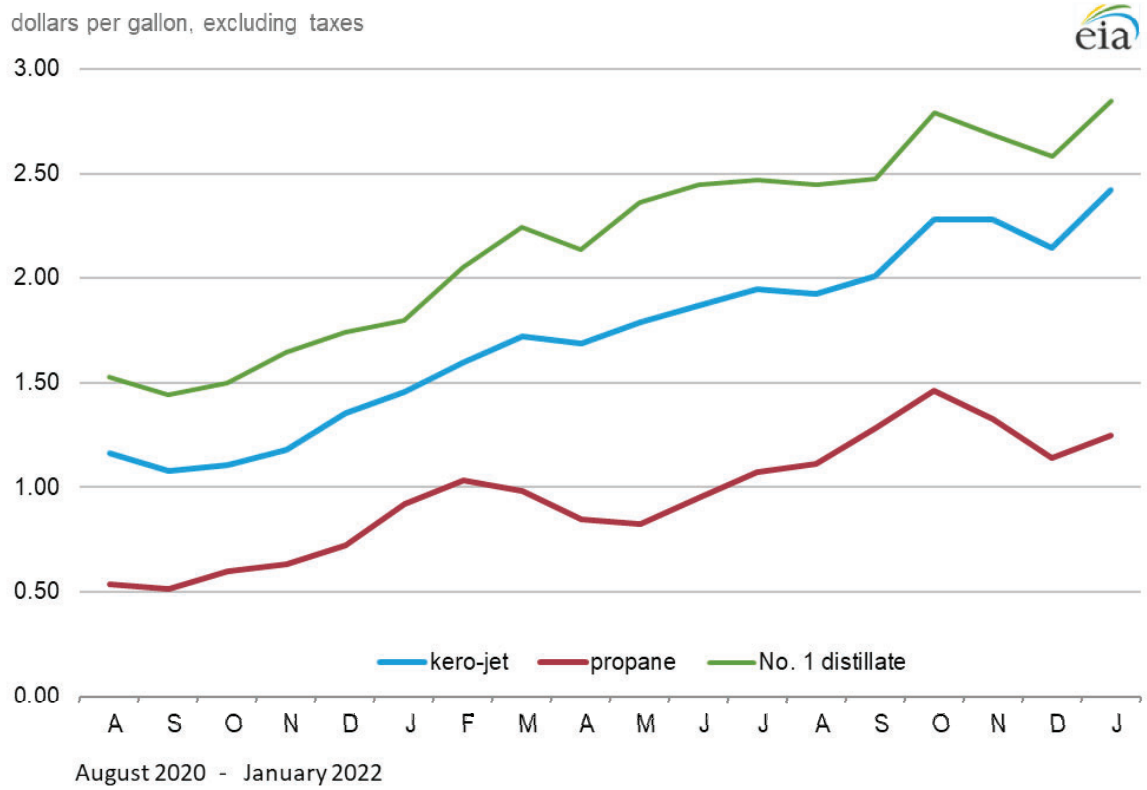
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. Refiner wholesale petroleum product prices





Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.*

Table 5. U.S. refiner volumes of petroleum sales for resale

million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average		
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6
2019	301.9	0.4	41.1	31.4	1.2	1.4	160.2	9.1	169.4	W	7.5
2020											
January	282.8	0.5	40.7	40.4	1.0	2.6	153.3	11.9	165.2	W	6.9
February	290.0	0.4	38.8	34.7	0.7	2.1	150.9	10.4	161.4	W	7.8
March	250.9	0.4	35.4	31.7	0.9	0.9	154.5	9.1	163.7	W	7.9
April	188.1	0.3	13.3	23.6	0.7	0.5	152.6	8.5	161.1	W	8.7
May	231.4	0.4	11.3	19.2	0.8	0.2	153.8	9.3	163.0	W	5.8
June	270.5	0.4	14.7	17.0	0.7	0.1	153.2	6.0	159.2	W	5.7
July	274.4	0.4	18.0	19.0	1.1	0.2	143.4	3.9	147.2	W	4.4
August	277.2	0.4	17.8	18.0	0.8	0.2	144.3	3.4	147.8	W	4.4
September	273.3	0.4	18.7	22.7	0.8	0.4	152.5	6.0	158.5	W	6.0
October	272.1	0.4	18.1	24.3	0.7	1.3	150.7	6.6	157.4	W	5.8
November	260.0	0.3	20.9	25.3	0.9	1.7	143.7	8.4	152.1	W	5.4
December	256.2	0.3	22.5	31.0	1.0	2.2	142.9	10.2	153.0	W	5.2
2020	260.5	0.4	22.5	25.6	0.8	1.0	149.6	7.8	157.4	W	6.1
2021											
January	246.5	0.4	20.8	32.6	0.9	2.0	134.6	9.1	143.7	W	4.9
February	251.0	0.3	20.4	36.8	1.1	3.3	135.2	10.6	145.8	W	4.9
March	271.8	0.4	25.9	24.9	0.4	0.8	147.1	7.9	155.0	W	7.0
April	283.4	0.5	28.5	19.8	0.3	0.4	151.0	5.6	156.6	W	4.9
May	297.7	0.4	27.2	20.0	0.5	0.1	143.8	4.6	148.5	W	5.1
June	312.4	0.5	30.6	19.7	0.5	0.1	157.6	4.1	161.7	W	5.8
July	312.6	0.6	30.7	19.7	0.7	0.1	146.6	2.7	149.4	W	4.1
August	308.7	0.5	29.2	20.8	0.7	0.2	150.3	2.3	152.6	W	4.9
September	304.0	0.5	28.8	23.5	0.9	0.5	154.6	4.1	158.7	W	4.9
October	296.1	0.4	28.2	25.5	1.4	1.0	152.9	5.4	158.3	W	6.0
November	298.2	0.4	27.8	28.1	1.1	2.0	149.6	6.4	156.0	W	5.6
December	R292.8	0.4	30.1	R29.1	1.0	2.5	150.2	8.5	158.7	W	7.2
2021	289.8	0.4	27.4	25.0	0.8	1.1	147.8	5.9	153.8	W	5.4
2022											
January	265.2	0.3	27.0	37.3	1.2	3.1	141.7	11.0	152.7	W	6.7

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

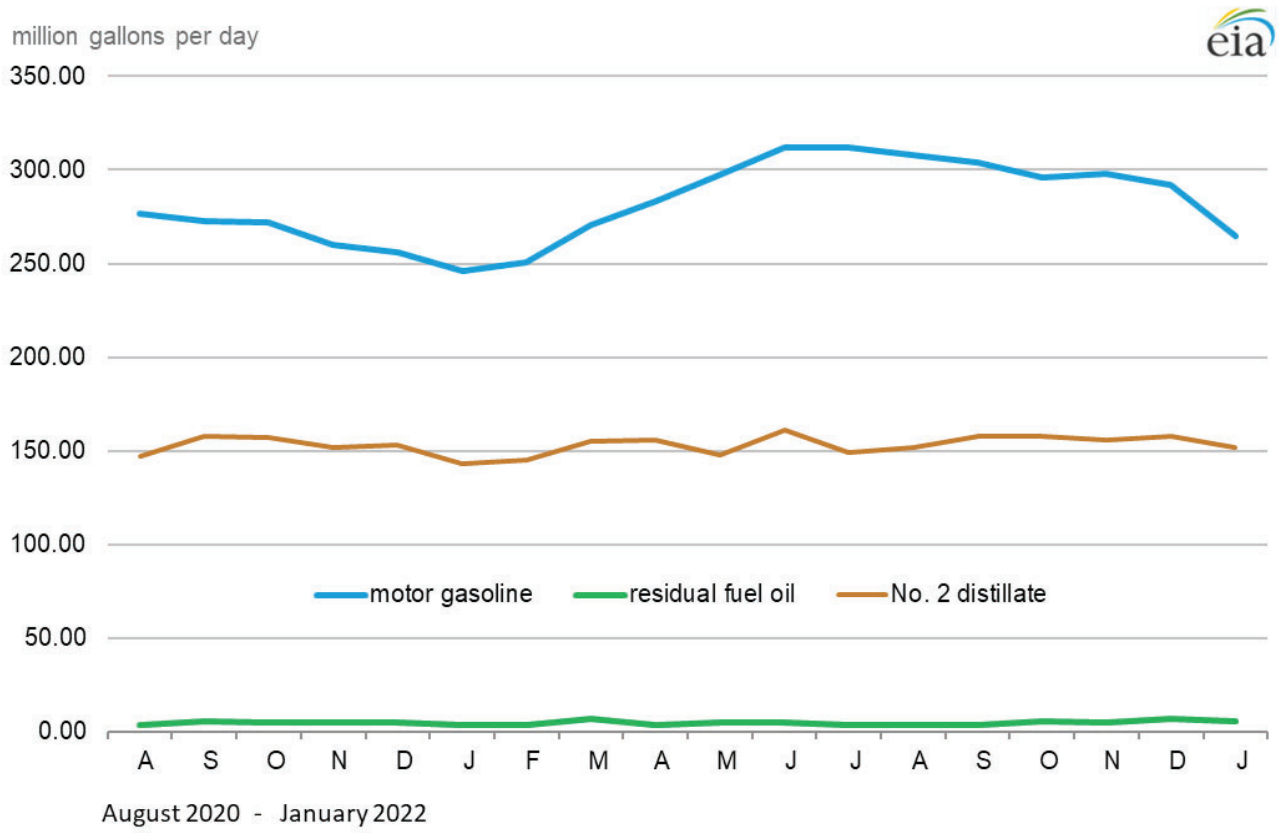
R = Revised data.

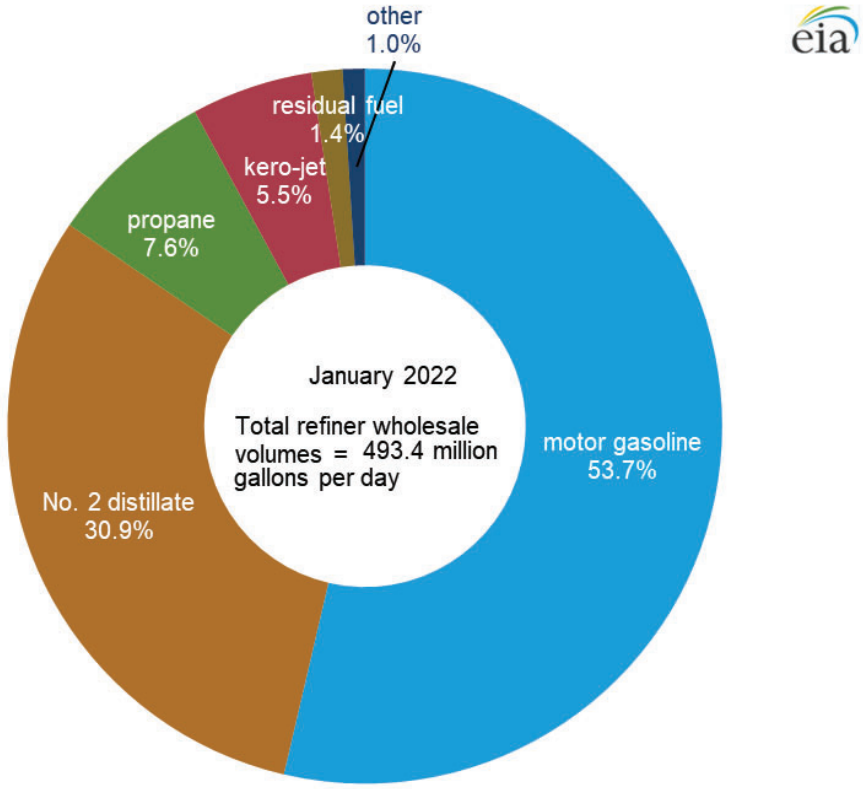
[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. Refiner wholesale petroleum product volumes





Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019	2.160	2.155	2.379	1.776	1.705	1.810	2.543	2.540	2.548	1.978	-	2.033
2020												
January	2.069	2.062	2.211	1.662	1.627	1.695	2.446	2.442	2.431	1.862	-	1.918
February	1.975	1.969	2.180	1.584	1.530	1.620	2.368	2.363	2.392	1.787	-	1.849
March	1.764	1.760	1.817	1.028	1.077	1.077	2.212	2.205	1.984	1.216	-	1.279
April	1.385	1.380	1.234	0.563	0.551	0.599	1.840	1.829	1.437	0.771	-	0.820
May	1.504	1.501	1.430	0.983	0.786	1.001	1.869	1.863	1.661	1.173	-	1.209
June	1.677	1.673	1.700	1.242	1.077	1.262	2.038	2.033	1.901	1.434	-	1.468
July	1.709	1.708	1.775	1.305	1.198	1.330	2.092	2.087	1.989	1.496	-	1.530
August	1.713	1.711	1.825	1.311	1.197	1.338	2.111	2.106	2.043	1.503	-	1.545
September	1.700	1.698	1.798	1.276	1.192	1.304	2.111	2.106	2.007	1.466	-	1.507
October	1.668	1.666	1.748	1.237	1.190	1.266	2.088	2.083	1.986	1.416	-	1.461
November	1.630	1.629	1.747	1.212	1.134	1.240	2.049	2.044	1.938	1.389	-	1.441
December	1.728	1.725	1.790	1.325	1.291	1.350	2.117	2.113	1.993	1.499	-	1.542
2020	1.733	1.730	1.804	1.252	1.193	1.282	2.128	2.123	2.017	1.434	-	1.482
2021												
January	1.887	1.884	1.978	1.505	1.503	1.531	2.275	2.271	2.183	1.679	-	1.727
February	2.104	2.102	2.181	1.713	1.668	1.739	2.488	2.481	2.382	1.892	-	1.938
March	2.343	2.341	2.463	1.934	1.889	1.963	2.748	2.742	2.663	2.142	-	2.188
April	2.390	2.389	2.558	1.970	1.934	2.003	2.801	2.795	2.785	2.179	-	2.232
May	2.569	2.566	2.702	2.092	2.077	2.128	2.981	2.972	2.894	2.303	-	2.353
June	2.884	2.868	2.769	2.162	2.097	2.198	3.197	3.171	2.960	2.399	-	2.448
July	2.985	2.969	2.844	2.246	2.203	2.281	3.313	3.295	3.044	2.496	-	2.543
August	3.026	3.008	2.873	2.206	2.208	2.247	3.367	3.348	3.072	2.447	-	2.502
September	3.021	3.003	2.825	2.225	2.141	2.259	3.387	3.365	3.014	2.447	-	2.502
October	3.081	3.061	3.000	2.411	2.363	2.445	3.457	3.435	3.177	2.598	-	2.658
November	3.201	3.172	3.119	2.395	2.309	2.435	3.608	3.586	3.264	2.565	-	2.641
December	3.165	3.135	2.995	2.212	2.139	2.256	3.581	3.559	3.104	2.365	-	2.448
2021	2.439	2.436	2.724	2.108	2.072	2.143	2.902	2.894	2.908	2.312	-	2.368
2022												
January	3.020	3.002	3.044	2.333	2.324	2.375	3.466	3.451	3.256	2.504	-	2.589

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019	2.785	2.772	2.652	2.147	1.967	2.202	2.251	2.245	2.439	1.818	1.737	1.858
2020												
January	2.698	2.682	2.518	2.026	1.887	2.081	2.157	2.150	2.279	1.704	1.662	1.743
February	2.625	2.608	2.480	1.950	1.814	2.013	2.067	2.060	2.246	1.626	1.563	1.669
March	2.455	2.450	2.092	1.403	1.236	1.476	1.867	1.862	1.878	1.072	1.100	1.127
April	2.093	2.089	1.505	0.894	0.683	0.949	1.496	1.490	1.297	0.602	0.579	0.645
May	2.118	2.115	1.737	1.322	1.028	1.359	1.602	1.598	1.503	1.027	0.816	1.049
June	2.277	2.276	1.996	1.585	1.277	1.614	1.772	1.768	1.770	1.286	1.117	1.311
July	2.335	2.334	2.081	1.652	1.336	1.692	1.808	1.806	1.849	1.351	1.221	1.380
August	2.355	2.354	2.140	1.652	1.341	1.700	1.816	1.814	1.901	1.356	1.216	1.389
September	2.355	2.354	2.105	1.607	1.309	1.653	1.806	1.804	1.873	1.320	1.216	1.354
October	2.336	2.334	2.052	1.552	1.242	1.596	1.775	1.773	1.823	1.278	1.203	1.312
November	2.302	2.300	2.051	1.528	1.189	1.567	1.738	1.736	1.824	1.253	1.148	1.287
December	2.375	2.373	2.097	1.631	1.391	1.677	1.831	1.828	1.868	1.364	1.311	1.394
2020	2.373	2.369	2.098	1.589	1.316	1.636	1.832	1.829	1.874	1.294	1.214	1.330
2021												
January	2.531	2.530	2.298	1.807	1.551	1.851	1.988	1.986	2.059	1.543	1.515	1.575
February	2.747	2.745	2.505	2.026	1.803	2.075	2.204	2.201	2.262	1.752	1.694	1.784
March	2.998	2.996	2.788	2.276	2.051	2.331	2.445	2.442	2.543	1.976	1.914	2.011
April	3.055	3.054	2.895	2.320	2.095	2.378	2.495	2.493	2.641	2.015	1.967	2.055
May	3.235	3.232	3.037	2.452	2.203	2.510	2.687	2.683	2.782	2.138	2.101	2.181
June	3.410	3.403	3.115	2.537	2.289	2.598	3.017	3.000	2.849	2.210	2.126	2.252
July	3.531	3.526	3.192	2.638	2.377	2.695	3.121	3.105	2.925	2.296	2.232	2.337
August	3.584	3.578	3.207	2.594	2.420	2.664	3.165	3.146	2.951	2.255	2.239	2.302
September	3.565	3.559	3.153	2.584	2.323	2.643	3.162	3.143	2.902	2.269	2.176	2.310
October	3.630	3.623	3.331	2.757	2.513	2.820	3.221	3.201	3.078	2.453	2.387	2.494
November	3.789	3.779	3.446	2.755	2.360	2.822	3.346	3.318	3.195	2.437	2.317	2.484
December	3.762	3.750	3.306	2.559	2.260	2.639	3.312	3.283	3.067	2.253	2.157	2.304
2021	3.163	3.161	3.045	2.459	2.177	2.519	2.573	2.569	2.800	2.151	2.090	2.193
2022												
January	3.709	3.699	3.356	2.676	2.442	2.748	3.163	3.145	3.117	2.373	2.350	2.423

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type

million gallons per day

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019	19.8	20.1	16.7	234.2	13.1	264.0	1.6	1.6	0.2	1.6	-	1.8
2020												
January	18.6	19.0	15.8	219.5	11.8	247.2	1.5	1.5	0.1	1.3	-	1.5
February	19.0	19.4	16.4	225.9	11.1	253.4	1.5	1.5	0.2	1.3	-	1.5
March	15.2	15.3	13.0	196.2	9.3	218.6	1.2	1.3	0.1	1.3	-	1.4
April	10.0	10.1	8.9	148.9	5.4	163.2	0.9	0.9	0.1	1.0	-	1.1
May	12.5	12.7	11.6	179.7	8.4	199.7	1.1	1.1	0.1	1.3	-	1.4
June	15.4	15.5	13.2	211.0	8.3	232.4	1.3	1.4	0.1	1.5	-	1.6
July	16.6	16.7	13.6	216.5	5.6	235.6	1.4	1.5	0.1	1.6	-	1.7
August	16.6	16.8	14.0	217.3	6.6	237.8	1.5	1.5	0.1	1.5	-	1.7
September	16.5	16.6	13.8	214.3	6.0	234.0	1.5	1.5	0.1	1.4	-	1.5
October	16.7	16.8	13.7	214.2	5.6	233.4	1.5	1.5	0.1	1.3	-	1.4
November	15.3	15.5	12.7	203.0	7.1	222.8	1.4	1.4	0.1	1.2	-	1.3
December	15.1	15.2	12.0	203.8	5.1	221.0	1.3	1.4	0.1	1.1	-	1.3
2020	15.6	15.8	13.2	204.2	7.5	224.9	1.3	1.4	0.1	1.3	-	1.4
2021												
January	14.6	14.7	11.7	195.7	4.8	212.3	1.3	1.3	0.1	1.0	-	1.2
February	14.9	15.1	12.4	197.4	6.6	216.4	1.3	1.4	0.1	1.1	-	1.2
March	16.3	16.4	13.3	216.3	5.9	235.6	1.4	1.4	0.1	1.2	-	1.3
April	16.9	17.0	14.0	223.6	6.3	243.8	1.5	1.5	0.1	1.3	-	1.4
May	9.6	9.7	15.2	233.2	7.4	255.8	0.9	1.0	0.1	1.5	-	1.6
June	3.4	3.5	16.6	244.8	8.2	269.6	0.5	0.5	0.1	1.5	-	1.7
July	3.3	3.5	16.7	245.3	7.7	269.7	0.5	0.5	0.2	1.6	-	1.7
August	3.3	3.4	16.1	244.7	6.0	266.8	0.5	0.5	0.1	1.5	-	1.7
September	3.2	3.4	16.0	239.7	7.1	262.7	0.5	0.5	0.1	1.3	-	1.5
October	3.2	3.3	15.5	234.8	6.8	257.1	0.4	0.5	0.1	1.2	-	1.3
November	3.2	3.3	15.3	235.6	8.7	259.6	0.4	0.4	0.1	1.1	-	1.3
December	3.1	3.2	15.0	R231.9	8.2	R255.0	0.4	0.4	0.1	1.1	-	1.2
2021	7.9	8.0	14.8	228.8	7.0	250.6	0.8	0.8	0.1	1.3	-	1.4
2022												
January	3.9	4.1	13.7	211.1	6.0	230.8	0.5	0.5	0.1	1.0	-	1.1

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019	2.5	2.5	4.6	29.7	1.8	36.1	23.8	24.2	21.4	265.6	14.9	301.9
2020												
January	2.3	2.3	4.4	27.9	1.8	34.1	22.4	22.8	20.3	248.8	13.7	282.8
February	2.3	2.4	4.6	29.0	1.5	35.0	22.9	23.3	21.1	256.3	12.6	290.0
March	1.9	1.9	3.7	25.7	1.6	30.9	18.3	18.5	16.8	223.2	10.9	250.9
April	1.4	1.4	2.6	19.7	1.5	23.8	12.2	12.4	11.6	169.7	6.8	188.1
May	1.8	1.8	3.6	25.6	1.2	30.4	15.5	15.6	15.3	206.5	9.6	231.4
June	2.2	2.2	4.1	30.3	2.0	36.4	18.9	19.1	17.4	242.8	10.3	270.5
July	2.3	2.4	4.2	31.7	1.1	37.1	20.4	20.6	17.9	249.7	6.7	274.4
August	2.4	2.4	4.4	32.2	1.0	37.6	20.5	20.6	18.6	251.0	7.6	277.2
September	2.4	2.4	4.4	31.8	1.5	37.7	20.3	20.5	18.2	247.5	7.6	273.3
October	2.4	2.4	4.4	31.0	1.9	37.3	20.5	20.7	18.2	246.5	7.5	272.1
November	2.2	2.2	4.2	29.5	2.3	36.0	18.9	19.0	17.0	233.6	9.4	260.0
December	2.2	2.2	4.0	28.7	1.3	34.0	18.6	18.7	16.1	233.7	6.4	256.2
2020	2.1	2.2	4.0	28.6	1.6	34.2	19.1	19.3	17.4	234.1	9.1	260.5
2021												
January	2.0	2.1	3.9	27.5	1.7	33.1	17.9	18.1	15.7	224.3	6.5	246.5
February	2.0	2.1	4.1	27.7	1.5	33.3	18.3	18.5	16.6	226.2	8.1	251.0
March	2.2	2.2	4.3	29.5	1.1	34.9	19.9	20.1	17.7	247.1	7.0	271.8
April	2.3	2.3	4.5	32.0	1.6	38.1	20.7	20.8	18.6	256.8	7.9	283.4
May	1.6	1.6	4.7	33.8	1.8	40.3	12.1	12.2	20.1	268.4	9.2	297.7
June	0.9	0.9	5.0	34.7	1.5	41.1	4.8	4.9	21.7	281.0	9.7	312.4
July	0.9	0.9	5.0	34.7	1.5	41.2	4.7	4.8	21.8	281.6	9.2	312.6
August	0.9	0.9	4.9	34.3	1.0	40.2	4.7	4.8	21.2	280.5	7.0	308.7
September	0.9	0.9	4.9	33.3	1.7	39.8	4.6	4.7	21.0	274.2	8.8	304.0
October	0.8	0.8	4.7	31.7	1.3	37.7	4.4	4.6	20.4	267.7	8.1	296.1
November	0.8	0.8	4.6	31.0	1.7	37.3	4.4	4.5	20.1	267.7	10.4	298.2
December	0.8	0.8	4.5	30.6	1.4	36.6	4.3	4.4	19.6	R263.6	9.6	R292.8
2021	1.3	1.3	4.6	31.7	1.5	37.8	10.0	10.2	19.5	261.8	8.5	289.8
2022												
January	0.8	0.8	4.1	27.4	1.7	33.3	5.2	5.3	17.9	239.5	7.7	265.2

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019	2.021	2.017	2.061	1.740	1.656	1.741	2.298	2.296	2.295	1.945	-	1.960
2020												
January	1.951	1.946	1.886	1.629	W	1.632	2.235	2.229	W	W	-	1.841
February	1.839	1.835	1.879	1.550	W	1.552	2.124	2.118	W	1.749	-	1.765
March	1.610	1.606	1.511	1.000	W	1.014	1.921	1.913	W	1.190	-	1.208
April	1.226	1.221	0.930	0.530	W	0.535	1.558	1.543	1.221	0.756	-	0.768
May	1.386	1.383	1.189	0.952	W	0.944	1.659	1.651	1.467	1.155	-	1.163
June	1.570	1.567	1.467	1.219	1.017	1.214	1.850	1.843	1.727	1.428	-	1.436
July	1.602	1.601	1.558	1.279	W	1.281	1.910	1.904	W	1.492	-	1.500
August	1.590	1.589	1.571	1.286	W	1.287	1.899	1.893	W	1.496	-	1.504
September	1.574	1.573	1.530	1.258	W	1.260	1.893	1.886	W	1.464	-	1.473
October	1.539	1.539	1.471	1.218	W	1.221	1.860	1.854	W	1.408	-	1.419
November	1.495	1.495	1.498	1.188	W	1.191	1.797	1.791	1.794	1.374	-	1.391
December	1.608	1.607	1.551	1.303	W	1.307	1.901	1.894	W	1.487	-	1.500
2020	1.604	1.603	1.536	1.223	1.173	1.227	1.900	1.893	1.820	1.414	-	1.427
2021												
January	1.771	1.769	1.703	1.480	W	1.485	2.065	2.059	W	1.662	-	1.676
February	1.985	1.983	1.889	1.691	W	1.693	2.269	2.258	W	1.875	-	1.886
March	2.217	2.215	2.169	1.915	W	1.918	2.528	2.519	W	2.132	-	2.144
April	2.250	2.251	2.255	1.949	W	1.953	2.559	2.550	W	2.169	-	2.186
May	2.398	2.397	2.383	2.064	W	2.070	2.704	2.688	W	2.293	-	2.308
June	2.679	2.664	2.448	2.134	W	2.140	2.991	2.919	W	2.396	-	2.410
July	2.790	2.774	2.572	2.227	W	2.234	3.145	3.095	W	2.509	-	2.524
August	2.812	2.794	2.650	2.184	W	2.194	3.175	3.118	W	2.455	-	2.476
September	2.792	2.775	2.546	2.206	W	2.210	3.199	3.128	W	2.449	-	2.469
October	2.829	2.811	2.658	2.380	W	2.384	3.221	3.153	W	2.577	-	2.596
November	2.877	2.851	2.692	2.352	W	2.356	3.230	3.172	W	2.525	-	2.548
December	2.813	2.786	2.565	2.174	W	2.180	3.171	3.114	W	2.329	-	2.355
2021	2.242	2.244	2.421	2.081	W	2.086	2.567	2.556	W	2.300	-	2.318
2022												
January	2.755	2.739	2.738	2.301	W	2.310	3.066	3.035	W	2.478	-	2.512

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019	2.584	2.565	2.324	2.117	1.896	2.110	2.072	2.068	2.109	1.778	1.684	1.779
2020												
January	2.528	2.504	2.138	1.988	1.826	1.982	2.001	1.995	1.934	1.665	W	1.668
February	2.421	2.399	2.146	W	1.741	1.916	1.890	1.886	1.930	1.587	W	1.590
March	2.223	2.216	1.768	W	1.179	1.388	1.667	1.663	1.560	1.041	W	1.054
April	1.857	1.850	W	0.869	0.648	0.858	1.291	1.286	0.971	0.567	0.538	0.572
May	1.964	1.960	W	1.299	0.949	1.285	1.446	1.443	1.240	0.992	0.749	0.984
June	2.143	2.142	1.733	1.577	1.229	1.555	1.629	1.626	1.523	1.260	1.059	1.256
July	2.208	2.207	1.813	W	1.334	1.635	1.665	1.664	1.612	1.322	W	1.324
August	2.194	2.193	1.829	W	1.337	1.637	1.654	1.653	1.625	1.328	W	1.329
September	2.185	2.183	1.789	W	1.307	1.598	1.638	1.637	1.584	1.298	W	1.301
October	2.158	2.156	1.730	W	1.264	1.542	1.603	1.602	1.524	1.255	W	1.259
November	2.103	2.101	W	1.515	1.229	1.503	1.556	1.555	1.554	1.224	1.159	1.228
December	2.207	2.206	1.809	W	1.387	1.611	1.669	1.667	1.605	1.338	W	1.342
2020	2.193	2.188	1.787	1.570	1.288	1.560	1.663	1.661	1.587	1.262	1.192	1.265
2021												
January	2.368	2.366	1.965	W	1.545	1.774	1.830	1.828	1.758	1.515	W	1.519
February	2.570	2.567	2.161	W	1.799	1.999	2.041	2.039	1.946	1.726	W	1.728
March	2.825	2.823	2.467	W	2.051	2.267	2.276	2.274	2.228	1.953	W	1.957
April	2.858	2.857	2.578	W	2.089	2.306	2.311	2.311	2.320	1.990	W	1.995
May	3.021	3.016	2.699	W	2.196	2.423	2.464	2.462	2.445	2.106	W	2.112
June	W	W	2.768	W	2.310	2.518	2.766	2.745	2.508	2.178	W	2.184
July	W	W	2.914	W	2.452	2.643	2.878	2.859	2.634	2.274	W	2.282
August	W	W	2.987	W	2.415	2.604	2.900	2.878	2.713	2.230	W	2.241
September	W	W	2.840	W	2.308	2.570	2.879	2.859	2.602	2.246	W	2.251
October	W	W	2.935	W	2.505	2.722	2.908	2.887	2.710	2.416	W	2.421
November	W	W	2.974	W	2.346	2.680	2.946	2.918	2.746	2.387	W	2.391
December	W	W	R2.816	W	2.253	R2.508	2.884	2.855	2.613	2.208	W	2.215
2021	2.892	2.889	2.708	W	2.168	2.434	2.310	2.311	2.476	2.120	W	2.126
2022												
January	3.368	3.345	2.978	W	2.437	2.642	2.820	2.803	2.785	2.337	W	2.346

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type

million gallons per day

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019	13.1	13.4	3.4	168.8	10.7	183.0	0.7	0.7	0.1	1.2	-	1.3
2020												
January	12.3	12.6	3.1	W	W	171.6	0.7	0.7	W	W	-	1.1
February	12.6	12.9	W	163.1	W	175.4	0.7	0.7	W	W	-	1.1
March	10.2	10.4	W	144.8	W	155.0	0.6	0.6	W	W	-	1.1
April	6.9	7.0	W	111.8	W	117.4	0.4	0.4	0.0	0.8	-	0.9
May	8.6	8.8	W	134.0	W	143.6	0.5	0.5	0.0	1.0	-	1.0
June	10.5	10.6	2.7	157.1	6.9	166.7	0.6	0.7	0.0	1.2	-	1.2
July	11.3	11.4	W	160.8	W	168.7	0.7	0.7	W	W	-	1.3
August	11.2	11.3	W	160.0	W	168.9	0.7	0.7	W	W	-	1.2
September	11.1	11.2	W	158.3	W	166.6	0.7	0.7	W	W	-	1.1
October	11.3	11.4	W	158.0	W	165.6	0.7	0.7	W	W	-	1.0
November	10.3	10.4	W	149.3	W	157.2	0.6	0.6	0.0	0.9	-	1.0
December	10.0	10.1	W	150.2	W	157.2	0.6	0.6	W	W	-	0.9
2020	10.5	10.7	2.7	150.5	6.3	159.5	0.6	0.6	0.0	1.0	-	1.1
2021												
January	9.8	9.9	W	144.0	W	150.7	0.6	0.6	W	W	-	0.9
February	10.0	10.1	W	145.8	W	153.9	0.6	0.6	W	W	-	0.9
March	10.9	11.0	W	159.4	W	167.2	0.6	0.7	W	W	-	1.0
April	11.3	11.4	W	164.8	W	173.4	0.7	0.7	W	W	-	1.1
May	6.1	6.2	W	171.6	W	180.9	0.4	0.4	W	W	-	1.2
June	W	W	W	180.4	W	190.0	W	W	W	W	-	1.3
July	W	W	W	181.2	W	190.5	W	W	W	W	-	1.3
August	W	W	W	180.1	W	187.5	W	W	W	W	-	1.3
September	W	W	W	176.7	W	185.1	W	W	W	W	-	1.1
October	W	W	W	172.1	W	180.7	W	W	W	W	-	0.9
November	W	W	W	172.9	W	183.3	W	W	W	W	-	0.9
December	W	W	W	R169.9	W	R179.1	W	W	W	W	-	0.9
2021	4.9	5.0	W	168.4	W	177.0	0.3	0.3	W	W	-	1.1
2022												
January	2.0	2.1	W	154.9	W	162.5	0.1	0.1	W	W	-	0.8

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019	1.0	1.0	0.7	18.4	1.4	20.5	14.8	15.1	4.2	188.4	12.1	204.7
2020												
January	0.9	0.9	0.7	17.1	1.4	19.3	13.8	14.1	W	176.7	W	191.9
February	0.9	1.0	0.7	W	W	19.5	14.2	14.6	W	181.9	W	196.0
March	0.8	0.8	0.6	W	W	18.1	11.6	11.8	W	162.1	W	174.1
April	0.6	0.6	W	13.1	W	14.8	7.9	8.0	2.1	125.7	5.2	133.0
May	0.8	0.8	W	16.9	W	18.4	10.0	10.1	2.9	152.0	8.2	163.0
June	0.9	1.0	0.7	19.8	1.7	22.1	12.1	12.2	3.4	178.0	8.6	190.0
July	1.0	1.0	0.7	W	W	22.3	13.0	13.1	W	182.6	W	192.3
August	1.0	1.0	0.8	W	W	22.3	12.8	13.0	W	181.8	W	192.4
September	1.0	1.0	0.7	W	W	22.2	12.7	12.9	W	179.5	W	189.9
October	1.0	1.0	0.7	W	W	21.3	12.9	13.0	W	178.7	W	188.0
November	0.9	0.9	W	18.5	W	20.5	11.7	11.9	3.2	168.7	6.8	178.6
December	0.9	0.9	0.6	W	W	19.9	11.5	11.6	W	169.2	W	178.0
2020	0.9	0.9	0.6	18.2	1.2	20.1	12.0	12.2	3.4	169.7	7.5	180.6
2021												
January	0.8	0.8	0.6	W	W	19.6	11.2	11.3	W	162.3	W	171.2
February	0.8	0.8	0.6	W	W	19.6	11.5	11.6	W	164.1	W	174.4
March	0.9	0.9	0.7	W	W	20.2	12.4	12.6	W	178.9	W	188.4
April	0.9	1.0	0.7	W	W	22.4	12.9	13.1	W	186.1	W	196.9
May	0.6	0.6	0.8	W	W	24.0	7.1	7.2	W	194.3	W	206.1
June	W	W	0.9	W	W	24.2	W	W	W	203.7	W	215.5
July	W	W	0.9	W	W	24.2	W	W	W	204.7	W	216.1
August	W	W	0.8	W	W	23.4	W	W	W	203.1	W	212.2
September	W	W	0.8	W	W	23.2	W	W	W	198.5	W	209.3
October	W	W	0.8	W	W	21.7	W	W	W	192.7	W	203.3
November	W	W	0.7	W	W	21.5	W	W	W	193.0	W	205.7
December	W	W	0.7	W	W	21.1	W	W	W	R189.8	W	R201.2
2021	0.4	0.4	0.7	W	W	22.1	5.7	5.8	W	189.4	W	200.2
2022												
January	0.2	0.2	0.7	W	W	19.3	2.3	2.4	W	172.7	W	182.7

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type

dollars per gallon excluding taxes

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019	2.433	2.428	2.462	1.869	1.925	1.967	2.744	2.744	2.657	2.071	-	2.200
2020												
January	2.296	2.289	2.291	1.746	W	1.839	2.616	2.616	W	W	-	2.108
February	2.241	2.234	2.254	1.671	W	1.771	2.569	2.569	W	1.907	-	2.053
March	2.086	2.084	1.895	1.105	W	1.231	2.466	2.466	W	1.318	-	1.494
April	1.731	1.728	1.306	0.661	W	0.763	2.102	2.102	1.519	0.840	-	1.005
May	1.766	1.764	1.491	1.077	W	1.147	2.060	2.060	1.732	1.246	-	1.358
June	1.906	1.904	1.759	1.309	1.382	1.383	2.207	2.207	1.967	1.454	-	1.560
July	1.936	1.934	1.832	1.380	W	1.452	2.254	2.254	W	1.510	-	1.617
August	1.964	1.962	1.894	1.382	W	1.463	2.295	2.295	W	1.530	-	1.662
September	1.959	1.957	1.870	1.328	W	1.414	2.299	2.299	W	1.472	-	1.604
October	1.933	1.931	1.819	1.290	W	1.374	2.284	2.284	W	1.449	-	1.584
November	1.902	1.900	1.808	1.282	W	1.359	2.255	2.255	2.008	1.442	-	1.579
December	1.966	1.964	1.852	1.387	W	1.456	2.297	2.297	W	1.549	-	1.672
2020	1.997	1.994	1.872	1.332	1.292	1.418	2.325	2.325	2.095	1.506	-	1.641
2021												
January	2.123	2.121	2.050	1.573	W	1.645	2.451	2.451	W	1.746	-	1.882
February	2.348	2.346	2.253	1.777	W	1.852	2.672	2.672	W	1.957	-	2.095
March	2.601	2.598	2.540	1.988	W	2.072	2.930	2.930	W	2.183	-	2.329
April	2.673	2.672	2.639	2.031	W	2.125	3.006	3.006	W	2.219	-	2.380
May	2.869	2.867	2.793	2.169	W	2.268	3.166	3.166	W	2.340	-	2.492
June	W	W	2.875	2.240	W	2.336	W	W	W	2.410	-	2.562
July	W	W	2.936	2.299	W	2.395	W	W	W	2.449	-	2.600
August	W	W	2.939	2.268	W	2.371	W	W	W	2.418	-	2.576
September	W	W	2.906	2.278	W	2.376	W	W	W	2.440	-	2.589
October	W	W	3.098	2.495	W	2.589	W	W	W	2.667	-	2.824
November	W	W	3.238	2.515	W	2.624	W	W	W	2.710	-	2.900
December	W	W	3.119	2.317	W	2.435	W	W	W	2.505	-	2.721
2021	2.767	2.764	2.811	2.182	W	2.280	3.105	3.105	W	2.356	-	2.515
2022												
January	3.300	3.292	3.131	2.421	W	2.531	3.607	3.607	W	2.615	-	2.831

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)

dollars per gallon excluding taxes

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019	2.918	2.913	2.715	2.194	2.219	2.323	2.543	2.538	2.520	1.918	1.966	2.026
2020												
January	2.805	2.796	2.589	2.085	2.096	2.211	2.409	2.402	2.359	1.798	W	1.901
February	2.756	2.747	2.542	W	W	2.135	2.357	2.350	2.320	1.722	W	1.833
March	2.618	2.617	2.154	W	W	1.600	2.213	2.211	1.955	1.156	W	1.294
April	2.280	2.280	W	0.944	W	1.098	1.864	1.862	1.370	0.704	0.706	0.819
May	2.237	2.237	W	1.367	W	1.472	1.884	1.883	1.566	1.124	1.184	1.205
June	2.380	2.379	2.048	1.601	1.530	1.706	2.023	2.021	1.830	1.357	1.411	1.441
July	2.429	2.429	2.137	W	W	1.777	2.057	2.056	1.909	1.429	W	1.511
August	2.473	2.472	2.205	W	W	1.792	2.090	2.089	1.973	1.430	W	1.523
September	2.476	2.475	2.168	W	W	1.731	2.089	2.087	1.946	1.376	W	1.474
October	2.459	2.459	2.112	W	W	1.667	2.066	2.064	1.895	1.336	W	1.430
November	2.433	2.432	W	1.549	1.128	1.652	2.037	2.036	1.885	1.328	1.119	1.415
December	2.487	2.486	2.148	W	W	1.769	2.096	2.094	1.931	1.431	W	1.513
2020	2.500	2.498	2.157	1.621	1.411	1.745	2.119	2.117	1.943	1.379	1.319	1.477
2021												
January	2.639	2.638	2.359	W	W	1.964	2.252	2.251	2.131	1.617	W	1.703
February	2.863	2.863	2.567	W	W	2.182	2.475	2.473	2.335	1.823	W	1.912
March	3.112	3.112	2.846	W	W	2.421	2.726	2.724	2.619	2.036	W	2.134
April	3.190	3.190	2.952	W	W	2.482	2.800	2.799	2.720	2.081	W	2.191
May	3.353	3.353	3.104	W	W	2.637	2.999	2.998	2.872	2.223	W	2.334
June	W	W	3.191	W	W	2.712	W	W	2.953	2.294	W	2.403
July	W	W	3.254	W	W	2.769	W	W	3.016	2.354	W	2.462
August	W	W	3.250	W	W	2.748	W	W	3.017	2.320	W	2.438
September	W	W	3.214	W	W	2.743	W	W	2.983	2.330	W	2.441
October	W	W	3.406	W	W	2.953	W	W	3.175	2.545	W	2.653
November	W	W	3.537	W	W	3.017	W	W	3.312	2.568	W	2.692
December	W	W	3.403	W	W	R2.817	W	W	3.188	2.367	W	2.500
2021	3.297	3.297	3.111	W	W	2.639	2.915	2.913	2.887	2.233	W	2.344
2022												
January	3.819	3.817	3.429	W	W	2.896	3.444	3.438	3.205	2.468	W	2.594

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type

million gallons per day

	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019	6.7	6.8	13.2	65.4	2.4	81.0	0.9	0.9	0.1	0.4	-	0.5
2020												
January	6.4	6.4	12.7	W	W	75.6	0.8	0.8	W	W	-	0.4
February	6.4	6.5	W	62.8	W	78.0	0.8	0.8	W	W	-	0.4
March	4.9	4.9	W	51.4	W	63.6	0.7	0.7	W	W	-	0.3
April	3.2	3.2	W	37.2	W	45.8	0.4	0.4	0.1	0.2	-	0.2
May	3.9	3.9	W	45.6	W	56.1	0.6	0.6	0.1	0.2	-	0.3
June	4.9	4.9	10.5	53.9	1.4	65.8	0.7	0.7	0.1	0.3	-	0.4
July	5.3	5.4	W	55.7	W	66.9	0.8	0.8	W	W	-	0.4
August	5.5	5.5	W	57.3	W	69.0	0.8	0.8	W	W	-	0.4
September	5.4	5.4	W	56.0	W	67.5	0.8	0.8	W	W	-	0.4
October	5.4	5.5	W	56.1	W	67.8	0.8	0.8	W	W	-	0.4
November	5.1	5.1	W	53.6	W	65.6	0.7	0.7	0.1	0.3	-	0.3
December	5.0	5.0	W	53.7	W	63.8	0.7	0.7	W	W	-	0.3
2020	5.1	5.1	10.5	53.7	1.2	65.4	0.7	0.7	0.1	0.3	-	0.4
2021												
January	4.8	4.8	W	51.7	W	61.5	0.7	0.7	W	W	-	0.3
February	4.9	4.9	W	51.7	W	62.5	0.7	0.7	W	W	-	0.3
March	5.4	5.4	W	57.0	W	68.4	0.8	0.8	W	W	-	0.3
April	5.6	5.6	W	58.8	W	70.4	0.8	0.8	W	W	-	0.3
May	3.5	3.5	W	61.6	W	74.8	0.6	0.6	W	W	-	0.4
June	W	W	W	64.4	W	79.6	W	W	W	W	-	0.4
July	W	W	W	64.1	W	79.1	W	W	W	W	-	0.4
August	W	W	W	64.6	W	79.3	W	W	W	W	-	0.4
September	W	W	W	63.0	W	77.7	W	W	W	W	-	0.4
October	W	W	W	62.7	W	76.4	W	W	W	W	-	0.4
November	W	W	W	62.7	W	76.4	W	W	W	W	-	0.3
December	W	W	W	62.0	W	75.9	W	W	W	W	-	0.3
2021	3.0	3.0	W	60.4	W	73.6	0.5	0.5	W	W	-	0.4
2022												
January	1.9	1.9	W	56.2	W	68.3	0.3	0.3	W	W	-	0.3

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)

million gallons per day

	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
Year month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019	1.5	1.5	3.9	11.4	0.4	15.6	9.1	9.1	17.2	77.2	2.8	97.2
2020												
January	1.4	1.4	3.7	10.8	0.4	14.9	8.6	8.7	W	72.1	W	90.9
February	1.4	1.4	3.9	W	W	15.5	8.7	8.8	W	74.4	W	94.0
March	1.1	1.1	3.1	W	W	12.8	6.7	6.7	W	61.1	W	76.8
April	0.8	0.8	W	6.6	W	9.1	4.4	4.4	9.5	44.0	1.7	55.1
May	1.0	1.0	W	8.7	W	12.0	5.5	5.5	12.3	54.6	1.5	68.4
June	1.2	1.2	3.4	10.6	0.3	14.3	6.8	6.9	14.0	64.8	1.7	80.5
July	1.3	1.3	3.5	W	W	14.8	7.4	7.5	W	67.1	W	82.1
August	1.4	1.4	3.6	W	W	15.3	7.6	7.6	W	69.2	W	84.7
September	1.4	1.4	3.6	W	W	15.5	7.6	7.6	W	68.0	W	83.4
October	1.4	1.4	3.7	W	W	16.0	7.6	7.7	W	67.8	W	84.1
November	1.3	1.3	W	11.0	W	15.5	7.2	7.2	13.8	64.9	2.7	81.4
December	1.3	1.3	3.4	W	W	14.1	7.1	7.1	W	64.5	W	78.2
2020	1.3	1.3	3.4	10.4	0.4	14.1	7.1	7.1	14.0	64.4	1.6	79.9
2021												
January	1.2	1.2	3.3	W	W	13.4	6.7	6.8	W	62.0	W	75.3
February	1.2	1.2	3.5	W	W	13.7	6.9	6.9	W	62.1	W	76.6
March	1.3	1.3	3.6	W	W	14.7	7.5	7.5	W	68.2	W	83.3
April	1.4	1.4	3.8	W	W	15.7	7.8	7.8	W	70.8	W	86.4
May	1.0	1.0	3.9	W	W	16.3	5.0	5.1	W	74.1	W	91.5
June	W	W	4.1	W	W	16.9	W	W	W	77.3	W	96.9
July	W	W	4.1	W	W	17.0	W	W	W	76.9	W	96.5
August	W	W	4.1	W	W	16.8	W	W	W	77.5	W	96.5
September	W	W	4.1	W	W	16.7	W	W	W	75.7	W	94.7
October	W	W	4.0	W	W	16.0	W	W	W	75.0	W	92.8
November	W	W	3.9	W	W	15.7	W	W	W	74.7	W	92.5
December	W	W	3.7	W	W	R15.5	W	W	W	73.8	W	91.6
2021	0.9	0.9	3.8	W	W	15.7	4.3	4.4	W	72.4	W	89.6
2022												
January	0.6	0.6	3.5	W	W	13.9	2.8	2.9	W	66.8	W	82.5

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
Year month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018	W	1.397	1.587	1.466	1.662	1.463
2019	W	1.649	1.510	1.391	1.584	1.428
2020						
January	W	1.788	1.634	1.526	1.939	1.675
February	W	1.673	1.557	1.336	1.735	1.540
March	W	1.188	1.146	0.993	1.371	1.121
April	W	0.796	0.942	0.639	0.976	0.733
May	W	0.792	0.727	NA	0.817	0.775
June	W	1.018	0.894	1.013	0.949	1.017
July	W	1.153	0.981	1.089	1.071	1.137
August	W	1.189	1.026	1.068	1.224	1.135
September	W	1.098	1.035	1.000	1.200	1.066
October	W	1.078	1.071	0.996	1.151	1.041
November	W	1.164	1.068	1.098	1.145	1.145
December	W	1.351	1.193	1.266	1.290	1.320
2020	W	1.186	1.090	1.066	1.246	1.143
2021						
January	W	1.491	1.344	1.352	1.462	1.432
February	W	1.583	1.469	1.429	1.617	1.518
March	W	1.780	1.590	1.558	1.766	1.683
April	W	1.780	1.556	1.534	1.756	1.686
May	W	1.828	1.552	1.628	1.760	1.736
June	W	1.909	1.608	1.650	1.867	1.783
July	W	1.852	1.721	1.766	1.969	1.818
August	W	1.842	1.666	1.674	1.901	1.776
September	W	1.913	1.748	1.768	1.950	1.845
October	W	2.124	1.876	1.964	2.091	2.069
November	W	2.065	1.827	1.834	2.141	1.927
December	2.282	1.940	1.726	1.766	2.090	1.861
2021	W	1.849	1.650	1.669	1.864	1.770
2022						
January	2.342	2.210	1.871	1.966	2.160	2.085

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2021 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
Year month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018	W	0.4	W	7.2	3.5	7.6
2019	W	1.1	W	6.4	2.6	7.5
2020						
January	W	3.9	W	3.0	1.8	6.9
February	W	4.7	W	3.1	2.4	7.8
March	W	5.1	W	2.7	2.0	7.9
April	W	5.2	W	3.5	2.3	8.7
May	W	3.9	W	1.8	1.6	5.8
June	W	4.4	W	1.3	1.8	5.7
July	W	3.3	W	1.1	2.0	4.4
August	W	2.4	W	1.9	1.7	4.4
September	W	4.0	W	2.0	1.9	6.0
October	W	3.1	W	2.7	2.9	5.8
November	W	3.8	W	1.6	2.0	5.4
December	W	3.3	W	1.9	2.3	5.2
2020	W	3.9	W	2.2	2.1	6.1
2021						
January	W	2.8	W	2.1	2.1	4.9
February	W	2.8	W	2.1	2.0	4.9
March	W	3.9	W	3.0	2.1	7.0
April	W	3.0	W	1.9	2.0	4.9
May	W	2.7	W	2.3	1.8	5.1
June	W	3.0	W	2.8	2.2	5.8
July	W	2.5	W	1.6	1.8	4.1
August	W	3.0	W	1.9	2.0	4.9
September	W	2.6	W	2.3	1.8	4.9
October	W	3.9	W	2.1	2.0	6.0
November	W	2.2	W	3.4	2.2	5.6
December	1.3	3.9	0.7	3.2	1.9	7.2
2021	W	3.0	W	2.4	2.0	5.4
2022						
January	1.6	3.3	1.0	3.4	2.6	6.7

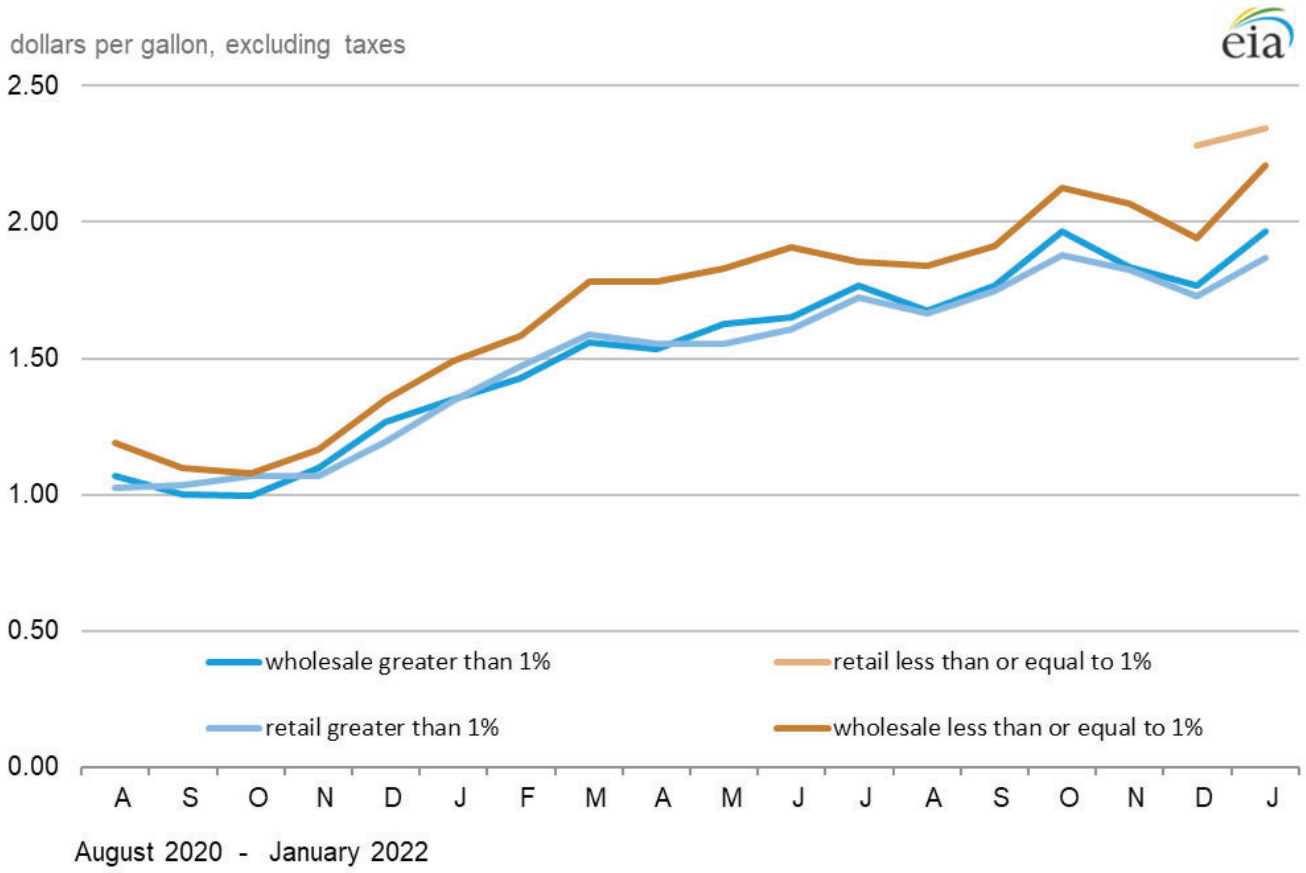
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2021 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."