

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
October 2016	1.748	1.706	1.523	2.027	NA	1.706	2.237	1.932	1.892	1.819	1.735	1.568
September 2016	1.716	1.691	1.469	1.996	NA	1.650	2.192	1.879	1.836	1.789	1.717	1.514
October 2015	1.787	1.632	1.510	2.056	NA	1.717	2.228	NA	1.904	1.851	1.662	1.558
PAD District 1												
October 2016	1.654	1.556	1.502	1.883	W	1.666	2.102	W	1.857	1.718	1.598	1.545
September 2016	1.595	1.471	1.407	1.841	W	1.559	2.055	W	1.748	1.663	1.529	1.449
October 2015	1.561	1.484	1.416	1.792	W	1.586	1.997	W	1.818	1.623	NA	1.465
Subdistrict 1A												
October 2016	W	W	1.525	W	-	1.630	W	-	1.847	W	W	1.563
September 2016	W	W	1.453	W	-	1.547	W	W	1.771	W	W	1.491
October 2015	W	W	1.439	W	-	1.596	W	-	1.875	W	W	1.488
Connecticut												
October 2016	-	W	1.519	-	-	1.641	-	-	1.862	-	W	1.566
September 2016	-	W	1.453	-	-	1.566	-	W	1.799	-	W	1.501
October 2015	-	W	1.438	-	-	1.605	-	-	1.905	-	W	1.503
Maine												
October 2016	-	-	1.559	-	-	W	-	-	W	-	-	1.576
September 2016	-	-	1.484	-	-	W	-	-	W	-	-	1.504
October 2015	-	-	1.511	-	-	W	-	-	W	-	-	1.532
Massachusetts												
October 2016	W	-	1.524	W	-	1.618	W	-	1.820	W	-	1.566
September 2016	W	-	1.440	W	-	1.529	W	-	1.721	W	-	1.480
October 2015	W	-	1.436	W	-	1.577	W	-	1.795	W	-	1.483
New Hampshire												
October 2016	W	-	W	W	-	-	W	-	W	W	-	W
September 2016	W	-	W	W	-	-	W	-	W	W	-	W
October 2015	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
October 2016	W	-	W	W	-	W	W	-	W	W	-	W
September 2016	W	-	W	W	-	W	W	-	W	W	-	W
October 2015	W	-	W	W	-	W	W	-	W	W	-	W
Vermont												
October 2016	-	-	1.539	-	-	W	-	-	1.785	-	-	1.559
September 2016	-	-	1.455	-	-	W	-	-	1.688	-	-	1.477
October 2015	-	-	1.485	-	-	W	-	-	W	-	-	1.511
Subdistrict 1B												
October 2016	1.654	W	1.493	1.883	W	1.604	2.086	W	1.775	1.731	W	1.528
September 2016	1.613	W	1.411	1.843	W	1.522	2.039	W	1.681	1.692	W	1.446
October 2015	1.547	W	1.412	1.779	W	1.549	1.975	W	1.755	1.625	W	1.454
Delaware												
October 2016	W	-	1.509	W	-	1.626	W	-	1.706	W	-	1.531
September 2016	W	-	1.429	W	-	1.518	W	-	1.598	W	-	1.449
October 2015	W	-	1.427	W	-	1.568	W	-	1.658	W	-	1.451
District of Columbia												
October 2016	-	-	-	-	-	-	-	-	-	-	-	-
September 2016	-	-	-	-	-	-	-	-	-	-	-	-
October 2015	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 2016	-	W	1.503	-	W	1.584	-	W	1.766	-	W	1.540
September 2016	-	W	1.400	-	W	1.493	-	W	1.671	-	W	1.440
October 2015	-	W	1.422	-	W	1.528	-	W	1.735	-	W	1.466
New Jersey												
October 2016	W	-	1.470	W	-	1.594	W	-	1.727	W	-	1.504
September 2016	W	-	1.389	W	-	1.521	W	-	1.621	W	-	1.419
October 2015	W	-	1.384	W	-	1.551	W	-	1.718	W	-	1.426
New York												
October 2016	1.685	-	1.518	1.909	-	1.697	2.110	-	1.833	1.764	-	1.567
September 2016	1.635	-	1.442	1.860	-	1.640	2.050	-	1.755	1.715	-	1.494
October 2015	1.539	-	1.440	1.782	-	1.637	1.978	-	1.816	1.622	-	1.497
Pennsylvania												
October 2016	W	-	1.487	W	-	1.609	W	-	1.778	W	-	1.511
September 2016	W	-	1.412	W	-	1.529	W	-	1.674	W	-	1.435
October 2015	W	-	1.409	W	-	1.549	W	-	1.743	W	-	1.437

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
October 2016	W	1.563	1.505	W	NA	1.687	W	-	1.908	W	1.604	1.553
September 2016	W	1.474	1.399	W	W	1.574	W	W	1.793	W	1.531	1.444
October 2015	W	1.483	1.416	W	W	1.599	W	W	1.849	W	NA	1.468
Florida												
October 2016	W	W	1.530	W	-	1.738	W	-	1.935	W	W	1.582
September 2016	W	1.484	1.422	W	W	1.641	W	W	1.810	W	1.492	1.471
October 2015	W	W	1.432	W	-	1.640	W	-	1.876	W	W	1.489
Georgia												
October 2016	W	W	1.490	W	-	1.647	W	-	1.929	W	W	1.540
September 2016	W	W	1.393	W	-	1.537	W	-	1.828	W	W	1.439
October 2015	W	W	1.401	W	-	1.556	W	-	1.837	W	W	1.451
North Carolina												
October 2016	W	-	1.489	W	-	1.702	W	-	1.907	W	-	1.539
September 2016	W	W	1.381	W	-	1.577	W	-	1.783	W	W	1.425
October 2015	W	W	1.404	W	-	1.607	W	W	1.848	W	W	1.452
South Carolina												
October 2016	W	-	1.490	W	NA	1.706	W	-	1.906	W	NA	1.531
September 2016	W	W	1.387	W	NA	1.585	W	-	1.789	W	W	1.425
October 2015	W	W	1.403	W	W	1.612	W	-	1.851	W	W	1.449
Virginia												
October 2016	W	-	1.505	W	-	1.628	W	-	1.832	W	-	1.548
September 2016	W	-	1.386	W	-	1.509	W	-	1.732	W	-	1.431
October 2015	W	-	1.418	W	-	1.566	W	-	1.808	W	-	1.470
West Virginia												
October 2016	W	-	1.468	W	-	1.655	W	-	1.941	W	-	1.493
September 2016	W	-	1.419	W	-	1.582	W	-	1.876	W	-	1.446
October 2015	W	W	1.492	W	-	1.674	W	-	1.936	W	W	1.523
PAD District 2												
October 2016	1.670	1.680	1.454	1.942	W	1.624	2.207	W	1.936	1.710	1.708	1.493
September 2016	1.665	NA	1.440	1.928	W	1.616	2.184	W	1.941	1.706	NA	1.482
October 2015	1.817	1.605	1.562	2.022	W	1.763	2.249	W	2.100	1.849	1.637	1.607
Illinois												
October 2016	W	W	1.462	W	-	1.644	W	-	2.036	W	W	1.518
September 2016	W	1.631	1.453	W	-	1.631	W	-	2.047	W	1.631	1.513
October 2015	NA	W	1.588	NA	-	1.810	NA	-	2.240	NA	W	1.654
Indiana												
October 2016	W	W	1.437	W	-	1.677	W	-	1.988	W	W	1.475
September 2016	W	W	1.409	W	-	1.653	W	-	1.957	W	W	1.450
October 2015	W	W	1.576	W	-	1.853	W	-	2.173	W	W	1.623
Iowa												
October 2016	-	W	1.454	-	-	1.635	-	-	1.867	-	W	1.495
September 2016	-	W	1.440	-	-	1.629	-	-	1.933	-	W	1.492
October 2015	-	W	1.600	-	-	1.789	-	-	2.071	-	W	1.654
Kansas												
October 2016	W	W	1.415	W	W	1.590	-	-	1.733	W	W	1.439
September 2016	W	W	1.415	W	W	1.626	-	-	1.827	W	W	1.447
October 2015	W	W	1.536	W	W	1.768	-	-	1.970	W	W	1.566
Kentucky												
October 2016	W	W	1.555	W	-	1.722	W	W	2.029	W	W	1.587
September 2016	W	W	1.480	W	-	1.650	W	W	1.952	W	W	1.512
October 2015	W	W	1.540	W	-	1.729	W	W	2.047	W	W	1.573
Michigan												
October 2016	W	W	1.446	W	-	1.700	W	NA	2.043	W	W	1.481
September 2016	W	W	1.482	W	-	1.724	W	NA	2.075	W	W	1.521
October 2015	W	W	1.610	W	-	1.845	W	W	2.249	W	W	1.648
Minnesota												
October 2016	W	W	1.427	W	W	1.536	W	W	1.743	W	W	1.453
September 2016	W	W	1.435	W	W	1.559	W	W	1.796	W	W	1.468
October 2015	W	W	1.600	W	W	1.723	W	-	1.934	W	W	1.626
Missouri												
October 2016	-	W	1.459	-	-	1.658	-	-	1.891	-	W	1.490
September 2016	-	W	1.423	-	-	1.622	-	-	1.872	-	W	1.457
October 2015	-	W	1.532	-	-	1.774	-	W	1.992	-	W	1.566

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
October 2016	W	W	1.449	W	-	1.639	W	-	1.855	W	W	1.490
September 2016	W	W	1.438	W	-	1.643	W	-	1.916	W	W	1.490
October 2015	W	W	1.597	W	-	1.746	W	W	2.082	W	W	1.648
North Dakota												
October 2016	W	W	1.511	W	W	1.617	W	W	1.957	W	W	1.551
September 2016	W	W	1.538	W	W	1.666	W	W	2.013	W	W	1.585
October 2015	W	W	1.655	W	W	1.792	W	W	2.130	W	W	1.698
Ohio												
October 2016	W	W	1.429	W	-	1.672	W	W	2.022	W	W	1.471
September 2016	W	W	1.417	W	-	1.653	W	W	1.997	W	W	1.461
October 2015	W	W	1.553	W	-	1.800	W	W	2.146	W	W	1.598
Oklahoma												
October 2016	NA	W	1.450	W	-	1.637	W	-	1.787	W	W	1.485
September 2016	W	W	1.448	W	-	1.625	W	-	1.834	W	W	1.485
October 2015	W	W	1.574	W	-	1.786	W	-	2.046	W	W	1.624
South Dakota												
October 2016	W	W	1.455	W	W	1.601	W	W	1.895	W	W	1.490
September 2016	W	W	1.449	W	W	1.614	W	-	1.962	W	W	1.497
October 2015	W	W	1.615	W	W	1.772	W	W	2.110	W	W	1.661
Tennessee												
October 2016	W	W	1.495	W	-	1.653	W	-	1.875	W	W	1.532
September 2016	W	W	1.408	W	-	1.543	W	W	1.762	W	W	1.439
October 2015	W	W	1.402	W	-	1.560	W	W	1.791	W	W	1.437
Wisconsin												
October 2016	W	W	1.440	W	-	1.630	W	W	2.023	W	W	1.484
September 2016	W	W	1.448	W	-	1.629	W	W	2.021	W	W	1.497
October 2015	W	W	1.639	W	-	1.882	W	W	2.372	W	W	1.693
PAD District 3												
October 2016	1.650	1.612	1.477	1.888	W	1.614	2.110	NA	1.748	1.701	1.657	1.505
September 2016	1.622	1.544	1.395	1.873	W	1.526	2.065	NA	1.653	1.676	1.582	1.422
October 2015	1.652	1.513	1.394	1.897	W	1.531	2.063	W	1.703	1.700	1.534	1.427
Alabama												
October 2016	W	1.620	1.507	W	W	1.777	W	W	1.981	W	W	1.552
September 2016	W	W	1.394	W	W	1.702	W	W	1.868	W	W	1.438
October 2015	W	W	1.401	W	-	1.644	W	W	1.876	W	W	1.446
Arkansas												
October 2016	W	-	1.466	W	-	1.644	W	-	1.843	W	-	1.493
September 2016	W	-	1.408	W	-	1.582	W	-	1.805	W	-	1.439
October 2015	W	-	1.487	W	-	1.663	W	-	1.900	W	-	1.518
Louisiana												
October 2016	-	W	1.481	-	-	1.592	-	-	1.699	-	W	1.510
September 2016	-	W	1.397	-	-	1.490	-	-	1.589	-	W	1.420
October 2015	-	-	1.366	-	-	1.482	-	-	1.741	-	-	1.393
Mississippi												
October 2016	W	W	1.478	W	-	1.658	W	-	1.742	W	W	1.506
September 2016	W	W	1.416	W	W	1.539	W	-	1.694	W	W	1.451
October 2015	W	W	1.390	W	-	1.546	W	-	1.688	W	W	1.438
New Mexico												
October 2016	1.726	W	1.486	1.900	W	1.653	2.073	W	1.834	1.778	W	1.529
September 2016	1.732	W	1.465	1.903	W	1.636	2.079	W	1.828	1.785	W	1.512
October 2015	1.842	W	1.510	W	W	1.699	W	W	1.846	W	W	1.553
Texas												
October 2016	W	NA	1.473	W	W	1.571	W	W	1.729	W	NA	1.498
September 2016	W	1.583	1.390	W	W	1.477	W	-	1.627	W	1.599	1.413
October 2015	W	1.565	1.388	W	W	1.491	W	W	1.669	W	1.572	1.418

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
October 2016	1.839	1.788	1.571	1.992	W	1.741	2.240	W	1.908	1.918	1.817	1.631
September 2016	1.832	1.751	1.532	1.985	W	1.701	2.234	NA	1.872	1.913	1.770	1.595
October 2015	1.975	1.782	1.483	2.115	W	1.626	2.305	2.071	1.789	2.041	1.811	1.537
Colorado												
October 2016	1.745	1.793	1.515	1.971	W	1.682	2.271	W	1.918	1.867	1.828	1.585
September 2016	1.750	NA	1.507	1.974	W	1.672	2.273	W	1.925	1.873	1.839	1.582
October 2015	1.869	1.721	1.430	2.057	W	1.574	2.255	W	1.797	1.961	1.741	1.493
Idaho												
October 2016	W	W	1.677	W	-	1.834	W	W	1.915	W	W	1.712
September 2016	W	W	1.610	W	W	1.767	W	W	1.852	W	W	1.647
October 2015	W	W	1.512	W	W	1.695	W	W	1.735	W	W	1.544
Montana												
October 2016	W	W	1.639	W	W	1.788	W	W	2.082	W	W	1.715
September 2016	W	W	1.647	W	W	1.798	W	W	2.085	W	W	1.725
October 2015	W	W	1.643	W	-	1.782	W	W	2.000	W	W	1.705
Utah												
October 2016	W	W	1.617	W	W	1.850	W	W	1.840	W	W	1.668
September 2016	W	W	1.505	W	W	1.738	W	W	1.734	W	1.591	1.557
October 2015	NA	W	1.483	NA	W	1.642	NA	-	1.692	NA	W	1.526
Wyoming												
October 2016	W	-	1.477	W	-	1.692	W	-	1.859	W	-	1.532
September 2016	W	W	1.461	W	-	1.658	W	-	1.844	W	W	1.520
October 2015	W	-	1.507	W	-	1.687	W	-	1.924	W	-	1.571
PAD District 5												
October 2016	2.102	1.847	1.715	2.235	NA	1.878	2.371	2.039	1.981	2.169	1.869	1.765
September 2016	2.050	1.819	1.686	2.189	NA	1.841	2.316	2.005	1.951	2.118	1.839	1.736
October 2015	NA	NA	1.719	2.355	NA	1.931	2.446	NA	2.013	2.249	NA	1.773
Alaska												
October 2016	W	W	W	W	W	W	W	W	2.171	W	W	W
September 2016	W	W	W	W	W	W	W	W	2.135	W	W	W
October 2015	W	W	W	W	-	W	W	-	2.014	W	W	W
Arizona												
October 2016	W	W	1.572	W	W	1.678	W	W	1.810	W	W	1.600
September 2016	W	W	1.521	W	W	1.618	W	W	1.765	W	W	1.550
October 2015	W	W	1.509	W	W	1.642	W	W	1.786	W	W	1.543
California												
October 2016	W	NA	1.766	W	W	1.916	W	-	2.023	W	NA	1.821
September 2016	W	1.841	1.736	W	-	1.877	W	-	1.990	W	1.841	1.789
October 2015	W	1.949	1.862	W	W	2.018	W	W	2.113	W	1.955	1.913
Hawaii												
October 2016	W	W	W	W	W	W	W	-	W	W	W	W
September 2016	W	W	W	W	W	W	W	-	W	W	W	W
October 2015	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
October 2016	W	W	1.615	W	-	1.712	W	W	1.821	W	1.858	1.660
September 2016	W	W	1.594	W	-	1.696	W	W	1.801	W	1.813	1.638
October 2015	NA	1.832	1.781	NA	-	2.040	NA	W	2.015	NA	1.880	1.831
Oregon												
October 2016	2.070	-	1.652	2.236	-	1.816	2.353	-	1.909	2.113	-	1.682
September 2016	2.035	-	1.629	2.197	-	1.799	2.312	-	1.916	2.077	-	1.667
October 2015	NA	-	1.423	2.106	-	1.600	2.242	-	1.688	NA	-	1.452
Washington												
October 2016	2.064	W	1.669	2.219	W	1.850	2.339	W	1.946	2.113	W	1.715
September 2016	2.037	W	1.653	2.177	W	1.847	2.298	W	1.933	2.085	W	1.702
October 2015	1.844	W	1.413	1.944	W	1.583	2.084	W	1.702	1.886	W	1.460

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

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

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2016	W	2.572	1.506	1.471	W	1.580
September 2016	W	2.506	1.394	1.366	W	1.402
October 2015	W	2.475	1.473	1.451	W	1.555
PAD District 1						
October 2016	W	2.576	1.504	1.479	2.571	1.723
September 2016	W	2.469	1.404	1.388	W	W
October 2015	W	2.415	1.476	1.465	W	1.703
Subdistrict 1A						
October 2016	W	W	1.540	1.536	W	-
September 2016	-	W	1.490	1.461	W	-
October 2015	W	W	1.584	1.520	W	W
Connecticut						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	-	-	NA	W	-	W
Maine						
October 2016	W	W	W	W	-	-
September 2016	-	W	W	W	-	-
October 2015	W	W	W	W	-	-
Massachusetts						
October 2016	-	-	W	W	W	-
September 2016	-	-	W	W	W	-
October 2015	-	-	W	W	W	-
New Hampshire						
October 2016	-	-	W	W	W	-
September 2016	-	-	W	W	W	-
October 2015	-	-	W	-	W	-
Rhode Island						
October 2016	-	-	W	W	W	-
September 2016	-	-	W	W	W	-
October 2015	-	-	W	W	W	-
Vermont						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	-	-	W	-	-	-
Subdistrict 1B						
October 2016	W	W	1.480	1.468	2.403	1.656
September 2016	W	W	1.389	1.380	W	W
October 2015	W	W	1.466	1.450	W	1.654
Delaware						
October 2016	-	-	-	W	W	W
September 2016	-	-	-	W	W	W
October 2015	-	-	-	W	W	W
District of Columbia						
October 2016	-	-	-	-	-	-
September 2016	-	-	-	-	-	-
October 2015	-	-	-	-	-	-
Maryland						
October 2016	-	-	W	1.461	-	W
September 2016	-	-	W	1.403	-	W
October 2015	-	-	W	W	-	W
New Jersey						
October 2016	-	-	1.467	1.468	W	W
September 2016	-	-	1.372	1.378	W	-
October 2015	-	-	1.451	1.446	W	W
New York						
October 2016	-	W	W	1.507	W	W
September 2016	W	W	W	1.406	W	W
October 2015	W	W	W	1.518	W	W
Pennsylvania						
October 2016	W	W	W	1.466	2.348	1.895
September 2016	W	W	W	1.382	W	W
October 2015	W	W	W	1.452	W	NA

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2016	W	2.544	1.529	1.487	W	W
September 2016	W	2.416	1.415	1.397	W	W
October 2015	W	2.367	1.494	1.480	W	W
Florida						
October 2016	-	2.477	1.549	1.487	W	-
September 2016	-	2.340	1.427	NA	W	-
October 2015	-	2.302	1.506	1.481	-	-
Georgia						
October 2016	-	W	W	1.495	-	W
September 2016	W	2.535	W	1.413	-	-
October 2015	W	2.440	1.422	1.457	W	W
North Carolina						
October 2016	W	W	W	1.456	W	W
September 2016	W	W	W	W	W	W
October 2015	W	W	W	1.491	W	W
South Carolina						
October 2016	-	-	W	W	W	W
September 2016	-	-	W	1.408	W	W
October 2015	-	-	W	1.471	W	-
Virginia						
October 2016	-	W	1.478	1.505	W	W
September 2016	-	W	1.387	1.407	-	W
October 2015	-	W	1.473	W	W	W
West Virginia						
October 2016	-	-	W	W	W	-
September 2016	-	-	W	W	W	-
October 2015	-	-	W	W	W	-
PAD District 2						
October 2016	W	2.677	1.499	1.485	W	2.035
September 2016	W	2.635	1.407	1.372	W	1.913
October 2015	W	2.729	1.463	1.440	W	2.252
Illinois						
October 2016	W	W	1.524	1.506	W	W
September 2016	-	W	1.443	W	W	W
October 2015	-	W	1.470	W	W	W
Indiana						
October 2016	-	-	NA	1.524	W	W
September 2016	-	-	1.390	1.438	W	W
October 2015	-	-	1.446	1.513	W	W
Iowa						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	-	-	W	W	-	-
Kansas						
October 2016	W	W	W	W	-	W
September 2016	W	W	W	W	-	W
October 2015	W	W	W	W	-	W
Kentucky						
October 2016	-	W	W	1.473	W	W
September 2016	-	W	W	1.373	W	W
October 2015	W	W	W	1.447	W	W
Michigan						
October 2016	-	-	1.539	1.463	W	W
September 2016	-	-	1.381	1.356	W	W
October 2015	W	-	W	1.425	W	W
Minnesota						
October 2016	W	W	1.501	W	W	1.839
September 2016	W	W	1.398	W	W	W
October 2015	W	W	1.442	W	-	W
Missouri						
October 2016	W	W	W	W	-	-
September 2016	W	-	W	W	-	-
October 2015	W	W	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2016	W	-	W	1.560	-	-
September 2016	W	-	W	1.473	-	-
October 2015	W	-	W	W	-	-
North Dakota						
October 2016	-	-	W	W	-	W
September 2016	-	-	W	W	-	W
October 2015	-	-	W	W	-	W
Ohio						
October 2016	-	-	1.483	W	W	W
September 2016	W	-	1.408	1.317	W	W
October 2015	-	-	1.466	W	W	W
Oklahoma						
October 2016	W	W	W	1.486	-	W
September 2016	W	W	W	1.393	-	W
October 2015	W	-	W	1.498	-	W
South Dakota						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	1.409	-	-
October 2015	-	-	1.662	W	-	W
Tennessee						
October 2016	W	2.584	W	1.500	W	W
September 2016	-	W	W	1.399	W	W
October 2015	W	W	W	1.465	W	W
Wisconsin						
October 2016	-	-	W	W	W	1.951
September 2016	-	-	W	W	W	W
October 2015	-	-	W	W	W	2.132
PAD District 3						
October 2016	W	2.364	1.496	1.436	-	1.485
September 2016	W	2.240	1.395	1.342	-	1.350
October 2015	W	2.264	1.446	1.423	-	1.421
Alabama						
October 2016	-	W	1.466	1.487	-	W
September 2016	W	W	1.356	1.407	-	W
October 2015	-	W	1.434	1.470	-	W
Arkansas						
October 2016	W	W	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	W	-	W	W	-	-
Louisiana						
October 2016	-	2.450	1.449	1.421	-	W
September 2016	W	2.323	1.347	1.331	-	W
October 2015	W	2.299	1.411	1.410	-	W
Mississippi						
October 2016	-	W	W	1.440	-	W
September 2016	-	W	1.335	1.349	-	W
October 2015	-	W	1.413	1.408	-	W
New Mexico						
October 2016	W	-	W	W	-	-
September 2016	W	-	W	W	-	-
October 2015	W	-	W	1.546	-	-
Texas						
October 2016	W	2.353	1.510	1.439	-	W
September 2016	W	W	1.413	1.346	-	W
October 2015	W	2.259	1.454	1.433	-	1.445

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2016	W	W	1.542	1.522	-	-
September 2016	W	W	1.442	1.421	-	-
October 2015	W	W	1.516	1.555	-	-
Colorado						
October 2016	W	-	1.511	1.508	-	-
September 2016	W	-	1.432	1.409	-	-
October 2015	W	-	1.489	1.513	-	-
Idaho						
October 2016	-	-	W	1.663	-	-
September 2016	-	-	W	1.544	-	-
October 2015	-	-	W	1.674	-	-
Montana						
October 2016	W	W	W	W	-	-
September 2016	W	W	W	W	-	-
October 2015	-	W	W	W	-	-
Utah						
October 2016	W	W	1.543	1.529	-	-
September 2016	W	W	1.433	1.422	-	-
October 2015	-	W	1.515	1.631	-	-
Wyoming						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	1.433	-	-
October 2015	-	-	W	W	-	-
PAD District 5						
October 2016	W	2.753	1.512	1.509	W	W
September 2016	W	2.659	1.379	1.376	-	W
October 2015	W	2.490	1.497	1.489	-	W
Alaska						
October 2016	W	W	W	W	-	-
September 2016	W	W	W	W	-	-
October 2015	W	W	W	1.577	-	-
Arizona						
October 2016	W	W	1.554	1.545	-	-
September 2016	W	W	1.421	1.411	-	-
October 2015	W	W	1.517	1.512	-	-
California						
October 2016	-	2.743	1.497	1.498	-	W
September 2016	-	2.625	1.359	1.364	-	W
October 2015	-	W	1.481	1.477	-	W
Hawaii						
October 2016	-	W	W	W	-	-
September 2016	-	W	W	W	-	-
October 2015	-	W	W	W	-	-
Nevada						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	-	-	W	W	-	-
Oregon						
October 2016	-	2.815	1.552	1.530	-	-
September 2016	-	2.706	1.421	1.411	-	-
October 2015	-	2.703	1.517	W	-	-
Washington						
October 2016	-	W	1.482	1.511	W	-
September 2016	-	NA	1.355	1.376	-	-
October 2015	-	NA	1.471	1.482	-	-

-- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

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

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2016	2,045	1,842	1,708	1,584	W	W
September 2016	1,977	1,743	1,602	1,466	W	W
October 2015	1,774	1,896	1,703	1,563	-	W
PAD District 1						
October 2016	W	W	1,754	1,568	-	-
September 2016	W	W	1,672	1,439	-	-
October 2015	-	NA	1,699	1,486	-	-
Subdistrict 1A						
October 2016	-	W	1,886	1,579	-	-
September 2016	-	W	1,762	1,449	-	-
October 2015	-	W	1,862	1,522	-	-
Connecticut						
October 2016	-	-	W	1,569	-	-
September 2016	-	-	W	1,438	-	-
October 2015	-	-	W	1,498	-	-
Maine						
October 2016	-	W	-	1,617	-	-
September 2016	-	W	-	1,474	-	-
October 2015	-	-	-	1,551	-	-
Massachusetts						
October 2016	-	-	W	1,609	-	-
September 2016	-	-	W	1,478	-	-
October 2015	-	-	1,895	1,585	-	-
New Hampshire						
October 2016	-	W	W	W	-	-
September 2016	-	W	W	W	-	-
October 2015	-	-	W	W	-	-
Rhode Island						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	-	-	W	W	-	-
Vermont						
October 2016	-	W	W	W	-	-
September 2016	-	W	W	W	-	-
October 2015	-	W	W	W	-	-
Subdistrict 1B						
October 2016	W	W	1,719	1,538	-	-
September 2016	W	W	1,642	1,417	-	-
October 2015	-	NA	1,688	1,467	-	-
Delaware						
October 2016	-	-	W	1,534	-	-
September 2016	-	-	1,617	1,362	-	-
October 2015	-	-	1,607	1,502	-	-
District of Columbia						
October 2016	-	-	-	W	-	-
September 2016	-	-	-	W	-	-
October 2015	-	-	-	W	-	-
Maryland						
October 2016	-	-	W	1,567	-	-
September 2016	-	-	W	1,429	-	-
October 2015	-	-	W	1,475	-	-
New Jersey						
October 2016	-	-	1,698	1,538	-	-
September 2016	-	-	1,648	1,413	-	-
October 2015	-	W	1,630	1,452	-	-
New York						
October 2016	-	W	1,838	1,526	-	-
September 2016	-	W	1,737	1,464	-	-
October 2015	-	W	1,758	1,528	-	-
Pennsylvania						
October 2016	W	W	1,682	1,537	-	-
September 2016	W	W	1,593	1,414	-	-
October 2015	-	W	1,720	1,462	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2016	-	W	1.768	1.605	-	-
September 2016	-	W	1.683	1.467	-	-
October 2015	-	W	1.700	1.507	-	-
Florida						
October 2016	-	-	1.757	1.647	-	-
September 2016	-	-	1.630	1.493	-	-
October 2015	-	-	1.658	1.543	-	-
Georgia						
October 2016	-	W	1.754	1.592	-	-
September 2016	-	W	1.663	1.461	-	-
October 2015	-	W	1.612	1.476	-	-
North Carolina						
October 2016	-	-	1.759	1.583	-	-
September 2016	-	-	1.692	1.452	-	-
October 2015	-	-	1.693	1.484	-	-
South Carolina						
October 2016	-	-	W	1.587	-	-
September 2016	-	-	W	1.463	-	-
October 2015	-	-	W	1.487	-	-
Virginia						
October 2016	-	-	1.722	1.582	-	-
September 2016	-	-	1.675	1.443	-	-
October 2015	-	-	1.690	1.482	-	-
West Virginia						
October 2016	-	-	W	1.579	-	-
September 2016	-	-	W	1.473	-	-
October 2015	-	-	W	1.640	-	-
PAD District 2						
October 2016	2.020	1.824	1.703	1.603	-	W
September 2016	1.967	1.729	1.601	1.495	-	W
October 2015	2.097	1.941	1.754	1.697	-	W
Illinois						
October 2016	W	W	1.751	1.565	-	-
September 2016	W	W	W	1.473	-	-
October 2015	W	2.133	1.923	1.754	-	-
Indiana						
October 2016	-	W	W	1.576	-	-
September 2016	-	W	W	1.477	-	-
October 2015	-	W	W	1.768	-	-
Iowa						
October 2016	-	1.780	1.701	1.657	-	-
September 2016	-	1.674	1.587	1.544	-	-
October 2015	W	1.922	1.688	1.671	-	-
Kansas						
October 2016	-	1.842	W	1.609	-	-
September 2016	-	1.645	W	1.495	-	-
October 2015	-	1.907	1.557	1.610	-	-
Kentucky						
October 2016	-	W	W	1.618	-	W
September 2016	W	W	W	1.495	-	W
October 2015	W	W	W	1.735	-	W
Michigan						
October 2016	NA	W	W	1.577	-	-
September 2016	W	W	W	1.474	-	-
October 2015	NA	W	W	1.921	-	-
Minnesota						
October 2016	1.953	1.798	1.766	1.681	-	-
September 2016	1.808	1.686	1.635	1.552	-	-
October 2015	2.016	1.971	1.757	1.735	-	-
Missouri						
October 2016	W	1.876	W	1.626	-	-
September 2016	-	W	NA	1.499	-	-
October 2015	W	W	W	1.638	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2016	-	1.833	W	1.653	-	-
September 2016	-	1.734	W	1.532	-	-
October 2015	-	2.028	W	1.650	-	-
North Dakota						
October 2016	W	1.803	W	1.645	-	-
September 2016	W	1.662	W	1.590	-	-
October 2015	W	1.804	W	1.631	-	-
Ohio						
October 2016	-	W	1.708	1.563	-	-
September 2016	-	W	1.620	1.469	-	-
October 2015	-	W	1.866	1.761	-	-
Oklahoma						
October 2016	-	W	W	1.579	-	-
September 2016	-	-	W	1.474	-	-
October 2015	-	W	1.567	1.578	-	-
South Dakota						
October 2016	NA	1.822	W	1.674	-	-
September 2016	W	1.697	W	1.571	-	-
October 2015	W	2.009	W	1.697	-	-
Tennessee						
October 2016	-	W	1.773	1.604	-	-
September 2016	-	-	1.658	1.469	-	-
October 2015	-	-	1.666	1.526	-	-
Wisconsin						
October 2016	W	W	NA	1.616	-	-
September 2016	W	1.681	1.728	1.527	-	-
October 2015	W	2.087	NA	1.810	-	-
PAD District 3						
October 2016	-	W	1.623	1.533	-	W
September 2016	-	W	1.498	1.415	-	W
October 2015	-	-	1.510	1.458	-	W
Alabama						
October 2016	-	-	1.691	1.572	-	-
September 2016	-	-	1.564	1.447	-	-
October 2015	-	-	1.550	1.460	-	-
Arkansas						
October 2016	-	-	W	1.611	-	-
September 2016	-	-	W	1.483	-	-
October 2015	-	-	W	1.564	-	-
Louisiana						
October 2016	-	W	1.679	1.502	-	-
September 2016	-	W	W	1.390	-	-
October 2015	-	-	1.461	1.427	-	-
Mississippi						
October 2016	-	-	W	1.530	-	-
September 2016	-	-	1.504	1.428	-	-
October 2015	-	-	W	1.472	-	-
New Mexico						
October 2016	-	-	1.654	1.593	-	-
September 2016	-	-	1.572	1.470	-	-
October 2015	-	-	1.620	1.517	-	-
Texas						
October 2016	-	-	1.601	1.538	-	W
September 2016	-	-	1.462	1.419	-	W
October 2015	-	-	1.490	1.462	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2016	NA	1.973	1.708	1.662	W	-
September 2016	W	1.918	1.605	1.588	W	-
October 2015	2.222	1.985	1.721	1.683	-	-
Colorado						
October 2016	W	1.912	1.724	1.664	-	-
September 2016	-	1.794	1.606	1.537	-	-
October 2015	-	1.900	1.737	1.631	-	-
Idaho						
October 2016	W	2.249	1.836	1.681	-	-
September 2016	W	2.117	1.777	1.635	-	-
October 2015	W	2.310	2.017	1.766	-	-
Montana						
October 2016	W	NA	1.723	1.616	-	-
September 2016	W	1.928	NA	1.689	-	-
October 2015	W	1.944	1.784	1.628	-	-
Utah						
October 2016	-	W	1.723	1.688	W	-
September 2016	-	W	1.640	1.573	W	-
October 2015	W	W	1.725	1.757	-	-
Wyoming						
October 2016	-	1.955	1.649	1.651	-	-
September 2016	-	1.881	1.522	1.576	-	-
October 2015	-	2.014	1.622	1.681	-	-
PAD District 5						
October 2016	W	1.812	1.774	1.680	-	-
September 2016	W	1.719	1.662	1.534	-	-
October 2015	W	1.864	1.774	1.622	-	-
Alaska						
October 2016	W	W	W	W	-	-
September 2016	W	W	W	W	-	-
October 2015	W	1.877	W	W	-	-
Arizona						
October 2016	-	-	1.705	1.674	-	-
September 2016	-	-	1.624	1.488	-	-
October 2015	-	-	1.634	1.594	-	-
California						
October 2016	-	-	1.762	1.715	-	-
September 2016	-	-	1.621	1.568	-	-
October 2015	-	-	1.772	1.641	-	-
Hawaii						
October 2016	-	-	W	W	-	-
September 2016	-	-	W	W	-	-
October 2015	-	-	W	W	-	-
Nevada						
October 2016	-	-	1.748	1.692	-	-
September 2016	-	-	W	1.535	-	-
October 2015	-	-	1.774	1.675	-	-
Oregon						
October 2016	-	W	1.865	1.620	-	-
September 2016	-	W	NA	1.446	-	-
October 2015	-	W	2.009	1.583	-	-
Washington						
October 2016	W	W	1.795	1.595	-	-
September 2016	W	W	1.697	1.474	-	-
October 2015	-	1.708	1.787	1.581	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

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

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2015 are final.

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