

**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]	
<b>United States</b>												
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
<b>PAD District 1</b>												
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
<b>Subdistrict 1A</b>												
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
<b>Connecticut</b>												
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
<b>Maine</b>												
October 2016	-	-	1.559	-	-	W	-	-	W	-	-	1.576
September 2016	-	-	1.484	-	-	W	-	-	W	-	-	1.504
October 2015	-	-	1.511	-	-	W	-	-	W	-	-	1.532
<b>Massachusetts</b>												
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
<b>New Hampshire</b>												
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
<b>Rhode Island</b>												
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
<b>Vermont</b>												
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
<b>Subdistrict 1B</b>												
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
<b>Delaware</b>												
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
<b>District of Columbia</b>												
October 2016	-	-	-	-	-	-	-	-	-	-	-	-
September 2016	-	-	-	-	-	-	-	-	-	-	-	-
October 2015	-	-	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>												
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
<b>New Jersey</b>												
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
<b>New York</b>												
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
<b>Pennsylvania</b>												
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]	
<b>Subdistrict 1C</b>												
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
<b>Florida</b>												
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
<b>Georgia</b>												
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
<b>North Carolina</b>												
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
<b>South Carolina</b>												
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
<b>Virginia</b>												
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
<b>West Virginia</b>												
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
<b>PAD District 2</b>												
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
<b>Illinois</b>												
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
<b>Indiana</b>												
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
<b>Iowa</b>												
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
<b>Kansas</b>												
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
<b>Kentucky</b>												
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
<b>Michigan</b>												
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
<b>Minnesota</b>												
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
<b>Missouri</b>												
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

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

dollars per gallon excluding taxes

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	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]	
<b>PAD District 2 (cont.)</b>												
<b>Nebraska</b>												
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
<b>North Dakota</b>												
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
<b>Ohio</b>												
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
<b>Oklahoma</b>												
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
<b>South Dakota</b>												
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
<b>Tennessee</b>												
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
<b>Wisconsin</b>												
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
<b>PAD District 3</b>												
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
<b>Alabama</b>												
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
<b>Arkansas</b>												
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
<b>Louisiana</b>												
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
<b>Mississippi</b>												
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
<b>New Mexico</b>												
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
<b>Texas</b>												
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

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	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]	
<b>PAD District 4</b>												
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
<b>Colorado</b>												
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
<b>Idaho</b>												
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
<b>Montana</b>												
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
<b>Utah</b>												
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
<b>Wyoming</b>												
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
<b>PAD District 5</b>												
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
<b>Alaska</b>												
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
<b>Arizona</b>												
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
<b>California</b>												
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
<b>Hawaii</b>												
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
<b>Nevada</b>												
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
<b>Oregon</b>												
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
<b>Washington</b>												
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."