

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 to end users			Sales to end users			Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	Sales for resale	Through retail outlets	Other end users[a]	
United States												
November 2016	1.685	1.624	1.384	1.987	1.791	1.553	2.199	1.862	1.744	1.760	1.652	1.427
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
November 2015	1.644	1.553	1.380	1.919	1.802	1.569	2.113	NA	1.756	1.713	1.577	1.426
PAD District 1												
November 2016	1.617	1.406	1.386	1.876	W	1.533	2.097	W	1.745	1.685	1.472	1.429
October 2016	1.654	1.556	1.502	1.883	W	1.666	2.102	W	1.857	1.718	1.598	1.545
November 2015	1.537	1.375	1.364	1.767	W	1.513	1.973	W	1.736	1.600	1.418	1.408
Subdistrict 1A												
November 2016	W	W	1.446	W	-	1.551	W	-	1.768	W	W	1.483
October 2016	W	W	1.525	W	-	1.630	W	-	1.847	W	W	1.563
November 2015	W	W	1.442	W	-	1.577	W	-	1.812	W	W	1.483
Connecticut												
November 2016	-	W	1.444	-	-	1.559	-	-	1.785	-	W	1.490
October 2016	-	W	1.519	-	-	1.641	-	-	1.862	-	W	1.566
November 2015	-	W	1.441	-	-	1.589	-	-	1.847	-	W	1.497
Maine												
November 2016	-	-	1.483	-	-	W	-	-	W	-	-	1.500
October 2016	-	-	1.559	-	-	W	-	-	W	-	-	1.576
November 2015	-	-	1.497	-	-	W	-	-	W	-	-	1.515
Massachusetts												
November 2016	W	-	1.453	W	-	1.539	W	-	1.745	W	-	1.495
October 2016	W	-	1.524	W	-	1.618	W	-	1.820	W	-	1.566
November 2015	W	-	1.436	W	-	NA	W	-	1.724	W	-	1.474
New Hampshire												
November 2016	W	-	W	W	-	-	W	-	W	W	-	W
October 2016	W	-	W	W	-	-	W	-	W	W	-	W
November 2015	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
November 2016	W	-	W	W	-	W	W	-	W	W	-	W
October 2016	W	-	W	W	-	W	W	-	W	W	-	W
November 2015	W	-	W	W	-	W	W	-	W	W	-	W
Vermont												
November 2016	-	-	1.452	-	-	W	-	-	1.685	-	-	1.470
October 2016	-	-	1.539	-	-	W	-	-	1.785	-	-	1.559
November 2015	-	-	NA	-	-	W	-	-	W	-	-	NA
Subdistrict 1B												
November 2016	1.664	W	1.405	1.900	W	1.507	2.106	W	1.700	1.741	1.543	1.441
October 2016	1.654	W	1.493	1.883	W	1.604	2.086	W	1.775	1.731	W	1.528
November 2015	1.541	W	1.390	1.766	W	1.496	1.963	W	1.679	1.619	W	1.424
Delaware												
November 2016	W	-	1.425	W	-	1.543	W	-	1.630	W	-	1.448
October 2016	W	-	1.509	W	-	1.626	W	-	1.706	W	-	1.531
November 2015	W	-	1.415	W	-	1.540	W	-	1.580	W	-	1.433
District of Columbia												
November 2016	-	-	-	-	-	-	-	-	-	-	-	-
October 2016	-	-	-	-	-	-	-	-	-	-	-	-
November 2015	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
November 2016	-	W	1.380	-	W	1.452	-	W	1.658	-	W	1.420
October 2016	-	W	1.503	-	W	1.584	-	W	1.766	-	W	1.540
November 2015	-	W	1.345	-	W	1.446	-	W	1.625	-	W	1.384
New Jersey												
November 2016	W	-	1.395	W	-	1.538	W	-	1.656	W	-	1.428
October 2016	W	-	1.470	W	-	1.594	W	-	1.727	W	-	1.504
November 2015	W	-	1.382	W	-	1.531	W	-	1.641	W	-	1.413
New York												
November 2016	1.700	-	1.449	1.935	-	1.655	2.142	W	1.782	1.781	W	1.501
October 2016	1.685	-	1.518	1.909	-	1.697	2.110	-	1.833	1.764	-	1.567
November 2015	1.527	-	1.436	1.762	-	1.595	1.957	-	1.762	1.610	-	1.484
Pennsylvania												
November 2016	W	W	1.385	W	-	1.514	W	-	1.675	W	W	1.409
October 2016	W	-	1.487	W	-	1.609	W	-	1.778	W	-	1.511
November 2015	W	-	1.376	W	-	1.516	W	-	1.670	W	-	1.400

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												
November 2016	W	1.401	1.368	W	NA	1.541	W	W	1.770	W	1.468	1.415
October 2016	W	1.563	1.505	W	NA	1.687	W	-	1.908	W	1.604	1.553
November 2015	W	1.368	1.340	W	W	1.514	W	W	1.761	W	1.415	1.390
Florida												
November 2016	W	W	1.377	W	-	1.578	W	W	1.780	W	W	1.429
October 2016	W	W	1.530	W	-	1.738	W	-	1.935	W	W	1.582
November 2015	W	W	1.373	W	-	1.568	W	W	1.800	W	W	1.429
Georgia												
November 2016	W	W	1.367	W	-	1.511	W	-	1.797	W	W	1.416
October 2016	W	W	1.490	W	-	1.647	W	-	1.929	W	W	1.540
November 2015	W	W	1.320	W	-	1.473	W	-	1.752	W	W	1.370
North Carolina												
November 2016	W	W	1.351	W	-	1.554	W	-	1.774	W	W	1.397
October 2016	W	-	1.489	W	-	1.702	W	-	1.907	W	-	1.539
November 2015	W	W	1.320	W	-	1.517	W	-	1.751	W	W	1.365
South Carolina												
November 2016	W	-	1.362	W	NA	1.566	W	-	1.773	W	NA	1.401
October 2016	W	-	1.490	W	NA	1.706	W	-	1.906	W	NA	1.531
November 2015	W	W	1.321	W	W	1.528	W	-	1.756	W	W	1.366
Virginia												
November 2016	W	-	1.373	W	-	1.489	W	-	1.714	W	-	1.416
October 2016	W	-	1.505	W	-	1.628	W	-	1.832	W	-	1.548
November 2015	W	-	1.334	W	-	1.477	W	-	1.703	W	-	1.383
West Virginia												
November 2016	W	-	1.373	W	-	1.558	W	-	1.812	W	-	1.397
October 2016	W	-	1.468	W	-	1.655	W	-	1.941	W	-	1.493
November 2015	W	-	1.308	W	-	1.538	W	-	1.768	W	-	1.337
PAD District 2												
November 2016	1.563	1.632	1.332	1.826	W	1.487	2.095	W	1.783	1.602	1.660	1.369
October 2016	1.670	1.680	1.454	1.942	W	1.624	2.207	W	1.936	1.710	1.708	1.493
November 2015	1.555	1.560	1.309	1.770	W	1.490	1.989	W	1.763	1.588	1.587	1.346
Illinois												
November 2016	W	1.647	1.354	W	-	1.541	W	-	1.894	W	1.647	1.407
October 2016	W	W	1.462	W	-	1.644	W	-	2.036	W	W	1.518
November 2015	NA	1.560	1.291	NA	-	1.508	NA	-	1.874	NA	1.560	1.349
Indiana												
November 2016	W	W	1.327	W	-	1.574	W	-	1.846	W	W	1.364
October 2016	W	W	1.437	W	-	1.677	W	-	1.988	W	W	1.475
November 2015	W	W	1.276	W	-	1.565	W	-	1.841	W	W	1.317
Iowa												
November 2016	-	W	1.314	-	-	1.485	-	-	1.698	-	W	1.351
October 2016	-	W	1.454	-	-	1.635	-	-	1.867	-	W	1.495
November 2015	-	W	1.359	-	-	1.481	-	-	1.625	-	W	1.390
Kansas												
November 2016	W	W	1.277	W	W	1.455	-	-	1.589	W	W	1.304
October 2016	W	W	1.415	W	W	1.590	-	-	1.733	W	W	1.439
November 2015	W	W	1.309	W	W	1.463	-	-	1.553	W	W	1.327
Kentucky												
November 2016	W	1.613	1.417	W	-	1.574	W	W	1.883	W	1.616	1.448
October 2016	W	W	1.555	W	-	1.722	W	W	2.029	W	W	1.587
November 2015	W	W	1.325	W	W	1.508	W	W	1.822	W	W	1.358
Michigan												
November 2016	W	W	1.339	W	-	1.568	W	W	1.909	W	W	1.372
October 2016	W	W	1.446	W	-	1.700	W	NA	2.043	W	W	1.481
November 2015	W	W	1.293	W	-	1.548	W	W	1.920	W	W	1.329
Minnesota												
November 2016	W	W	1.276	W	W	1.379	W	W	1.560	W	W	1.299
October 2016	W	W	1.427	W	W	1.536	W	W	1.743	W	W	1.453
November 2015	W	W	1.346	W	W	1.424	W	-	1.533	W	W	1.362
Missouri												
November 2016	-	W	1.313	-	-	1.506	-	-	1.735	-	W	1.343
October 2016	-	W	1.459	-	-	1.658	-	-	1.891	-	W	1.490
November 2015	-	W	1.344	-	-	1.508	-	-	1.705	-	W	1.369

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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]	
PAD District 2 (cont.)												
Nebraska												
November 2016	W	W	1.307	W	-	1.484	W	-	1.692	W	W	1.345
October 2016	W	W	1.449	W	-	1.639	W	-	1.855	W	W	1.490
November 2015	W	W	1.350	W	-	1.493	W	W	1.649	W	W	1.384
North Dakota												
November 2016	W	W	1.341	W	W	1.461	W	W	1.787	W	W	1.381
October 2016	W	W	1.511	W	W	1.617	W	W	1.957	W	W	1.551
November 2015	W	W	1.418	W	W	1.507	W	W	1.749	W	W	1.448
Ohio												
November 2016	W	W	1.341	W	-	1.579	W	W	1.887	W	W	1.380
October 2016	W	W	1.429	W	-	1.672	W	W	2.022	W	W	1.471
November 2015	W	W	1.263	W	-	1.517	W	W	1.832	W	W	1.305
Oklahoma												
November 2016	W	W	1.308	W	-	1.473	W	-	1.593	W	W	1.340
October 2016	NA	W	1.450	W	-	1.637	W	-	1.787	W	W	1.485
November 2015	W	-	1.325	W	-	1.468	W	-	1.530	W	-	1.346
South Dakota												
November 2016	W	W	1.304	W	W	1.437	W	-	1.719	W	W	1.338
October 2016	W	W	1.455	W	W	1.601	W	W	1.895	W	W	1.490
November 2015	W	W	1.374	W	W	1.494	W	W	1.729	W	W	1.409
Tennessee												
November 2016	W	W	1.356	W	W	1.493	W	W	1.728	W	W	1.390
October 2016	W	W	1.495	W	-	1.653	W	-	1.875	W	W	1.532
November 2015	W	W	1.319	W	-	1.466	W	W	1.697	W	W	1.354
Wisconsin												
November 2016	W	W	1.321	W	-	1.505	W	W	1.866	W	W	1.363
October 2016	W	W	1.440	W	-	1.630	W	W	2.023	W	W	1.484
November 2015	W	W	1.338	W	-	1.539	W	W	2.027	W	W	1.386
PAD District 3												
November 2016	1.580	1.518	1.334	1.814	W	1.455	2.008	NA	1.617	1.632	1.571	1.362
October 2016	1.650	1.612	1.477	1.888	W	1.614	2.110	NA	1.748	1.701	1.657	1.505
November 2015	1.546	1.455	1.306	1.763	W	1.430	1.931	W	1.583	1.591	1.480	1.337
Alabama												
November 2016	W	W	1.366	W	NA	1.597	W	NA	1.836	W	W	1.409
October 2016	W	1.620	1.507	W	W	1.777	W	W	1.981	W	W	1.552
November 2015	W	W	1.304	W	-	1.539	W	W	1.787	W	W	1.350
Arkansas												
November 2016	W	-	1.307	W	-	1.468	W	-	1.678	W	-	1.335
October 2016	W	-	1.466	W	-	1.644	W	-	1.843	W	-	1.493
November 2015	W	-	1.358	W	-	1.533	W	-	1.707	W	-	1.385
Louisiana												
November 2016	-	NA	1.334	-	-	1.436	-	-	1.540	-	NA	1.358
October 2016	-	W	1.481	-	-	1.592	-	-	1.699	-	W	1.510
November 2015	-	-	1.291	-	-	1.408	-	-	1.660	-	-	1.320
Mississippi												
November 2016	W	W	1.375	W	NA	1.516	W	-	1.739	W	W	1.408
October 2016	W	W	1.478	W	-	1.658	W	-	1.742	W	W	1.506
November 2015	W	W	1.306	W	-	1.457	W	-	1.560	W	W	1.351
New Mexico												
November 2016	1.652	W	1.405	1.825	W	1.557	1.997	W	1.743	1.704	W	1.447
October 2016	1.726	W	1.486	1.900	W	1.653	2.073	W	1.834	1.778	W	1.529
November 2015	1.663	W	1.365	W	-	1.505	W	W	1.659	W	W	1.402
Texas												
November 2016	W	NA	1.325	W	W	1.413	W	W	1.593	W	NA	1.352
October 2016	W	NA	1.473	W	W	1.571	W	W	1.729	W	NA	1.498
November 2015	W	1.467	1.303	W	W	1.396	W	W	1.553	W	1.480	1.330

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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]	
PAD District 4												
November 2016	1.775	1.582	1.326	1.924	W	1.479	2.178	W	1.650	1.853	1.608	1.384
October 2016	1.839	1.788	1.571	1.992	W	1.741	2.240	W	1.908	1.918	1.817	1.631
November 2015	1.710	1.656	1.343	1.848	W	1.484	2.035	W	1.636	1.776	1.674	1.395
Colorado												
November 2016	1.652	1.698	1.333	1.876	W	1.479	2.179	W	1.722	1.773	1.693	1.400
October 2016	1.745	1.793	1.515	1.971	W	1.682	2.271	W	1.918	1.867	1.828	1.585
November 2015	1.597	W	1.289	1.818	W	1.427	2.011	W	1.630	1.700	1.609	1.348
Idaho												
November 2016	W	W	1.409	W	-	1.562	W	W	1.646	W	W	1.444
October 2016	W	W	1.677	W	-	1.834	W	W	1.915	W	W	1.712
November 2015	W	W	1.392	W	-	1.526	W	W	1.603	W	W	1.422
Montana												
November 2016	W	W	1.416	W	W	1.559	W	W	1.858	W	W	1.493
October 2016	W	W	1.639	W	W	1.788	W	W	2.082	W	W	1.715
November 2015	W	W	1.504	W	-	1.633	W	W	1.863	W	W	1.567
Utah												
November 2016	W	W	1.278	W	W	1.474	W	W	1.504	W	W	1.328
October 2016	W	W	1.617	W	W	1.850	W	W	1.840	W	W	1.668
November 2015	W	W	1.354	W	W	1.523	W	-	1.566	W	W	1.399
Wyoming												
November 2016	W	W	1.211	W	-	1.417	W	-	1.583	W	W	1.267
October 2016	W	-	1.477	W	-	1.692	W	-	1.859	W	-	1.532
November 2015	W	W	1.302	W	-	1.573	W	-	1.687	W	W	1.361
PAD District 5												
November 2016	2.070	1.753	1.540	2.209	NA	1.715	2.340	1.962	1.811	2.139	1.777	1.591
October 2016	2.102	1.847	1.715	2.235	NA	1.878	2.371	2.039	1.982	2.169	1.869	1.765
November 2015	2.059	NA	1.627	2.199	NA	1.820	2.321	NA	1.919	2.124	NA	1.681
Alaska												
November 2016	W	W	W	W	W	W	W	W	2.095	W	W	W
October 2016	W	W	W	W	W	W	W	W	2.171	W	W	W
November 2015	W	W	W	W	W	W	W	W	1.962	W	W	W
Arizona												
November 2016	W	W	1.484	W	W	1.586	W	W	1.741	W	W	1.516
October 2016	W	W	1.572	W	W	1.678	W	W	1.810	W	W	1.600
November 2015	W	W	1.410	W	W	1.534	W	W	1.671	W	W	1.442
California												
November 2016	W	1.666	1.602	W	-	1.739	W	-	1.855	W	1.666	1.655
October 2016	W	NA	1.766	W	W	1.916	W	-	2.023	W	NA	1.821
November 2015	W	1.773	1.728	W	W	1.887	W	-	1.995	W	1.778	1.783
Hawaii												
November 2016	W	W	W	W	W	W	W	-	W	W	W	W
October 2016	W	W	W	W	W	W	W	-	W	W	W	W
November 2015	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
November 2016	W	W	1.469	W	W	1.634	W	W	1.691	W	W	1.517
October 2016	W	W	1.615	W	-	1.712	W	W	1.821	W	1.858	1.660
November 2015	NA	W	1.628	NA	W	1.855	NA	-	1.864	NA	W	1.678
Oregon												
November 2016	1.983	-	1.381	2.158	-	1.567	2.279	-	1.665	2.028	-	1.411
October 2016	2.070	-	1.652	2.236	-	1.816	2.353	-	1.909	2.113	-	1.682
November 2015	1.852	-	1.473	1.995	-	1.645	2.106	-	1.731	1.888	-	1.503
Washington												
November 2016	1.987	W	1.407	2.145	W	1.598	2.267	W	1.700	2.037	W	1.453
October 2016	2.064	W	1.669	2.219	W	1.850	2.339	W	1.947	2.113	W	1.715
November 2015	1.798	W	1.446	1.914	W	1.608	2.033	W	1.724	1.840	W	1.490

- = 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 2016 are final.

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