

# **Volume of Petroleum Products**

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
November 2017	19,908.9	20,166.4	16,979.1	231,795.4	18,503.8	1,651.0	1,667.1	253.2	1,956.1	-
October 2017	20,348.3	20,585.1	17,114.6	234,065.4	16,475.1	1,717.4	1,731.0	267.3	1,985.0	-
November 2016	20,060.6	20,279.5	17,387.5	228,326.2	16,461.3	1,723.9	1,739.5	303.1	2,352.1	-
<b>PAD District 1</b>										
November 2017	6,676.4	6,719.3	W	W	4,297.8	572.6	575.7	W	W	-
October 2017	6,813.1	6,855.4	W	W	3,498.9	579.5	582.0	W	W	-
November 2016	6,723.4	6,735.5	W	W	2,247.6	577.0	581.8	W	W	-
<b>Subdistrict 1A</b>										
November 2017	W	W	W	W	W	W	W	-	31.8	-
October 2017	W	W	W	W	W	W	W	-	33.1	-
November 2016	W	W	W	W	W	W	W	-	35.3	-
<b>Connecticut</b>										
November 2017	-	W	-	1,719.8	NA	-	-	-	13.2	-
October 2017	-	W	-	1,843.0	NA	-	-	-	13.4	-
November 2016	-	W	W	W	W	-	-	-	19.4	-
<b>Maine</b>										
November 2017	-	-	-	616.7	-	-	-	-	W	-
October 2017	-	-	-	647.2	-	-	-	-	W	-
November 2016	-	-	-	561.7	-	-	-	-	W	-
<b>Massachusetts</b>										
November 2017	W	W	-	902.0	-	W	W	-	4.0	-
October 2017	W	W	-	855.7	-	W	W	-	4.1	-
November 2016	W	W	W	W	-	W	W	-	4.7	-
<b>New Hampshire</b>										
November 2017	W	W	W	W	-	W	W	-	-	-
October 2017	W	W	W	W	-	W	W	-	-	-
November 2016	W	W	W	W	-	W	W	-	-	-
<b>Rhode Island</b>										
November 2017	W	W	-	W	W	W	W	-	W	-
October 2017	W	W	-	W	W	W	W	-	W	-
November 2016	W	W	W	726.6	W	W	W	-	W	-
<b>Vermont</b>										
November 2017	-	-	W	85.0	-	-	-	-	W	-
October 2017	-	-	W	77.9	-	-	-	-	W	-
November 2016	-	-	W	W	-	-	-	-	W	-
<b>Subdistrict 1B</b>										
November 2017	3,212.7	3,212.7	W	21,727.5	W	338.2	338.2	W	W	-
October 2017	3,232.1	3,232.1	W	22,054.4	W	340.3	340.3	W	W	-
November 2016	3,108.0	3,108.7	W	21,001.5	W	332.6	332.7	W	W	-
<b>Delaware</b>										
November 2017	W	W	-	1,009.9	-	W	W	-	9.1	-
October 2017	W	W	-	1,026.2	-	W	W	-	11.5	-
November 2016	W	W	-	957.0	-	W	W	-	10.7	-
<b>District of Columbia</b>										
November 2017	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-
November 2016	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2017	-	-	W	W	-	-	-	-	56.7	-
October 2017	-	-	-	4,031.6	-	-	-	-	61.2	-
November 2016	-	W	W	W	W	-	W	-	72.7	-
<b>New Jersey</b>										
November 2017	W	W	W	W	1,097.1	W	W	W	W	-
October 2017	W	W	W	6,422.6	W	W	W	W	W	-
November 2016	W	W	W	W	207.3	W	W	W	W	-
<b>New York</b>										
November 2017	1,961.8	1,961.8	W	W	W	216.3	216.3	W	W	-
October 2017	1,975.8	1,975.8	W	W	W	217.6	217.6	W	W	-
November 2016	1,884.1	1,884.1	W	4,965.3	W	210.8	210.8	W	W	-
<b>Pennsylvania</b>										
November 2017	W	W	-	W	W	W	W	-	26.3	-
October 2017	W	W	-	W	W	W	W	-	27.8	-
November 2016	W	W	-	W	W	W	W	-	30.3	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
November 2017	2,421.0	2,443.3	4,642.8	28,635.1	2,396.5	23,980.9	24,276.8	21,875.1	262,386.5	20,900.3
October 2017	2,567.9	2,590.6	4,909.5	29,220.6	1,860.1	24,633.5	24,906.8	22,291.5	265,271.0	18,335.1
November 2016	2,579.9	2,599.3	4,851.3	28,207.1	1,693.2	24,364.5	24,618.4	22,541.9	258,885.5	18,154.5
<b>PAD District 1</b>										
November 2017	817.3	823.6	W	9,061.2	W	8,066.2	8,118.5	W	77,294.7	W
October 2017	842.8	849.8	W	9,077.4	W	8,235.5	8,287.1	W	77,943.7	W
November 2016	843.5	843.8	W	8,824.6	W	8,143.8	8,161.0	W	75,854.7	W
<b>Subdistrict 1A</b>										
November 2017	W	W	W	W	-	W	W	W	W	W
October 2017	W	W	W	W	-	W	W	W	4,896.2	W
November 2016	W	W	W	W	-	W	W	W	4,919.5	W
<b>Connecticut</b>										
November 2017	-	-	-	347.3	-	-	W	-	2,080.4	NA
October 2017	-	-	-	330.7	-	-	W	-	2,187.1	NA
November 2016	-	-	W	W	-	-	W	W	2,489.8	W
<b>Maine</b>										
November 2017	-	-	W	45.3	-	-	-	W	W	-
October 2017	-	-	W	49.8	-	-	-	W	W	-
November 2016	-	-	W	32.1	-	-	-	W	W	-
<b>Massachusetts</b>										
November 2017	W	W	-	143.8	-	W	W	-	1,049.8	-
October 2017	W	W	-	137.0	-	W	W	-	996.9	-
November 2016	W	W	W	W	-	W	W	W	W	-
<b>New Hampshire</b>										
November 2017	W	W	W	W	-	W	W	W	W	-
October 2017	W	W	W	W	-	W	W	W	W	-
November 2016	W	W	W	W	-	W	W	W	W	-
<b>Rhode Island</b>										
November 2017	W	W	-	W	-	W	W	-	NA	W
October 2017	W	W	-	W	-	W	W	-	NA	W
November 2016	W	W	W	W	-	W	W	W	858.7	W
<b>Vermont</b>										
November 2017	-	-	W	W	-	-	-	W	W	-
October 2017	-	-	W	W	-	-	-	W	W	-
November 2016	-	-	W	W	-	-	-	W	W	-
<b>Subdistrict 1B</b>										
November 2017	517.5	517.5	W	W	W	4,068.4	4,068.4	W	24,886.1	W
October 2017	536.5	536.5	W	W	W	4,108.8	4,108.8	W	25,288.3	W
November 2016	519.4	519.6	W	W	W	3,960.0	3,961.0	W	24,068.6	W
<b>Delaware</b>										
November 2017	W	W	-	113.9	-	W	W	-	1,132.8	-
October 2017	W	W	-	125.2	-	W	W	-	1,162.9	-
November 2016	W	W	-	118.5	-	W	W	-	1,086.2	-
<b>District of Columbia</b>										
November 2017	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-
November 2016	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2017	-	-	-	640.8	-	-	-	W	W	-
October 2017	-	-	-	638.4	-	-	-	-	4,731.3	-
November 2016	-	W	-	W	W	-	W	W	4,286.5	W
<b>New Jersey</b>										
November 2017	W	W	W	929.7	W	W	W	W	7,317.2	W
October 2017	W	W	W	944.0	W	W	W	W	W	1,135.5
November 2016	W	W	W	W	-	W	W	W	W	207.3
<b>New York</b>										
November 2017	333.6	333.6	W	822.6	W	2,511.6	2,511.6	W	5,857.0	W
October 2017	347.6	347.6	W	W	W	2,541.0	2,541.0	W	5,919.8	W
November 2016	333.9	334.1	W	W	W	2,428.8	2,429.0	W	5,728.0	W
<b>Pennsylvania</b>										
November 2017	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
November 2016	W	W	-	537.4	-	W	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
November 2017	W	W	-	W	W	W	W	-	458.5	-
October 2017	W	W	-	41,983.8	96.6	W	W	-	455.8	-
November 2016	W	W	W	41,098.6	W	W	W	W	W	-
<b>Florida</b>										
November 2017	W	W	-	13,355.9	-	W	W	-	114.0	-
October 2017	W	W	-	13,389.2	-	W	W	-	108.5	-
November 2016	W	W	-	13,860.7	-	W	W	-	118.5	-
<b>Georgia</b>										
November 2017	W	W	-	7,984.4	-	W	W	-	60.2	-
October 2017	W	W	-	W	W	W	W	-	59.2	-
November 2016	W	66.3	W	W	-	W	W	W	W	-
<b>North Carolina</b>										
November 2017	W	W	-	W	W	W	W	-	138.5	-
October 2017	W	W	-	W	W	W	W	-	144.1	-
November 2016	W	W	-	8,642.9	-	W	W	-	154.5	-
<b>South Carolina</b>										
November 2017	W	W	-	W	W	W	W	-	41.3	-
October 2017	W	W	-	4,458.9	-	W	W	-	39.2	-
November 2016	W	W	-	3,903.0	-	W	W	-	46.6	-
<b>Virginia</b>										
November 2017	W	W	-	W	W	W	W	-	96.3	-
October 2017	W	W	-	W	W	W	W	-	97.0	-
November 2016	W	W	-	W	W	W	W	-	113.3	-
<b>West Virginia</b>										
November 2017	W	W	-	637.9	-	W	W	-	8.3	-
October 2017	W	W	-	606.8	-	W	W	-	7.7	-
November 2016	W	W	-	782.1	-	W	W	-	8.9	-
<b>PAD District 2</b>										
November 2017	W	W	W	W	780.1	318.3	324.7	W	W	-
October 2017	W	W	W	W	1,136.6	320.2	325.3	W	W	-
November 2016	8,030.7	8,146.3	W	W	1,092.2	339.4	344.1	W	W	-
<b>Illinois</b>										
November 2017	W	W	-	W	W	W	W	-	78.7	-
October 2017	W	W	-	W	W	W	W	-	80.3	-
November 2016	W	W	-	W	W	W	W	-	109.5	-
<b>Indiana</b>										
November 2017	W	W	-	W	W	W	W	-	27.5	-
October 2017	W	W	-	W	W	W	W	-	29.5	-
November 2016	W	W	-	W	W	W	W	-	42.3	-
<b>Iowa</b>										
November 2017	-	W	-	2,715.0	-	-	-	-	63.2	-
October 2017	-	W	-	2,624.4	-	-	-	-	59.5	-
November 2016	-	W	-	2,903.2	-	-	-	-	54.9	-
<b>Kansas</b>										
November 2017	W	W	-	W	W	W	W	-	21.9	-
October 2017	W	W	-	W	W	W	W	-	24.4	-
November 2016	W	W	-	W	W	W	W	-	29.7	-
<b>Kentucky</b>										
November 2017	W	W	-	W	W	W	W	-	13.1	-
October 2017	W	W	-	W	W	W	W	-	13.5	-
November 2016	W	W	-	W	W	W	W	-	14.7	-
<b>Michigan</b>										
November 2017	W	W	-	9,649.2	-	W	W	-	12.5	-
October 2017	W	W	-	9,803.4	-	W	W	-	14.3	-
November 2016	W	W	-	9,637.4	-	W	W	-	17.9	-
<b>Minnesota</b>										
November 2017	W	W	W	4,831.5	W	W	W	W	W	-
October 2017	W	W	W	4,937.5	W	W	W	W	W	-
November 2016	W	W	W	5,142.1	W	W	W	W	W	-
<b>Missouri</b>										
November 2017	-	W	-	3,511.8	-	-	-	-	21.6	-
October 2017	-	-	-	3,466.6	-	-	-	-	19.5	-
November 2016	-	W	-	3,454.9	-	-	-	-	20.3	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
November 2017	W	W	-	5,332.7	-	W	W	-	W	W
October 2017	W	W	-	5,319.5	-	W	W	-	47,759.3	96.6
November 2016	W	W	W	W	-	W	W	W	46,866.6	W
<b>Florida</b>										
November 2017	W	W	-	1,922.6	-	W	W	-	15,392.5	-
October 2017	W	W	-	1,885.3	-	W	W	-	15,383.0	-
November 2016	W	W	-	1,976.7	-	W	W	-	15,955.8	-
<b>Georgia</b>										
November 2017	W	W	-	1,004.1	-	W	W	-	9,048.7	-
October 2017	W	W	-	1,001.5	-	W	W	-	W	W
November 2016	W	W	W	W	-	W	75.7	W	W	-
<b>North Carolina</b>										
November 2017	W	W	-	1,026.1	-	W	W	-	W	W
October 2017	W	W	-	1,038.2	-	W	W	-	W	W
November 2016	W	W	-	997.6	-	W	W	-	9,795.0	-
<b>South Carolina</b>										
November 2017	W	W	-	435.8	-	W	W	-	W	W
October 2017	W	W	-	451.1	-	W	W	-	4,949.2	-
November 2016	W	W	-	393.9	-	W	W	-	4,343.5	-
<b>Virginia</b>										
November 2017	W	W	-	912.7	-	W	W	-	W	W
October 2017	W	W	-	910.5	-	W	W	-	W	W
November 2016	W	W	-	913.9	-	W	W	-	W	W
<b>West Virginia</b>										
November 2017	W	W	-	31.3	-	W	W	-	677.4	-
October 2017	W	W	-	33.1	-	W	W	-	647.6	-
November 2016	W	W	-	41.7	-	W	W	-	832.7	-
<b>PAD District 2</b>										
November 2017	W	W	W	6,276.4	W	W	8,901.2	W	83,867.2	W
October 2017	W	W	W	6,509.9	W	W	8,886.4	W	83,774.7	W
November 2016	476.6	485.0	W	6,370.0	W	8,846.7	8,975.5	W	84,105.1	W
<b>Illinois</b>										
November 2017	W	W	-	1,138.0	-	W	W	-	W	W
October 2017	W	W	-	1,175.3	-	W	W	-	W	W
November 2016	W	W	-	1,211.7	-	W	W	-	W	W
<b>Indiana</b>										
November 2017	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
November 2016	W	W	-	427.9	-	W	W	-	W	W
<b>Iowa</b>										
November 2017	-	-	-	313.5	-	-	W	-	3,091.8	-
October 2017	-	-	-	273.3	-	-	W	-	2,957.2	-
November 2016	-	-	-	285.7	-	-	W	-	3,243.8	-
<b>Kansas</b>										
November 2017	-	-	-	W	W	W	W	-	W	W
October 2017	-	-	-	W	W	W	W	-	W	W
November 2016	-	-	-	W	W	W	W	-	4,318.1	196.0
<b>Kentucky</b>										
November 2017	W	W	-	204.8	-	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
November 2016	W	W	-	W	W	W	W	-	W	W
<b>Michigan</b>										
November 2017	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
November 2016	W	W	-	W	W	W	W	-	W	W
<b>Minnesota</b>										
November 2017	W	W	W	W	W	W	W	W	5,300.0	W
October 2017	W	W	W	W	W	W	W	W	5,454.7	W
November 2016	W	W	W	W	W	W	W	W	5,642.8	W
<b>Missouri</b>										
November 2017	-	-	-	258.4	-	-	W	-	3,791.9	-
October 2017	-	-	-	260.4	-	-	-	-	3,746.5	-
November 2016	-	-	-	251.4	-	-	W	-	3,726.6	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2017	W	W	-	1,581.4	-	W	W	-	18.1	-
October 2017	W	W	-	1,526.9	-	W	W	-	17.7	-
November 2016	W	W	-	1,715.8	-	W	W	-	38.1	-
<b>North Dakota</b>										
November 2017	W	W	-	904.9	-	W	W	-	21.6	-
October 2017	W	W	-	889.6	-	W	W	-	19.2	-
November 2016	W	W	W	W	-	W	W	-	27.9	-
<b>Ohio</b>										
November 2017	W	W	-	9,886.4	-	W	W	-	46.1	-
October 2017	W	W	-	9,896.2	-	W	W	-	45.3	-
November 2016	W	W	-	W	W	W	W	-	55.0	-
<b>Oklahoma</b>										
November 2017	W	W	-	W	W	W	W	-	3.4	-
October 2017	W	W	-	W	W	W	W	-	4.0	-
November 2016	W	W	-	W	W	W	W	-	6.2	-
<b>South Dakota</b>										
November 2017	W	W	-	1,003.0	-	W	W	-	20.4	-
October 2017	W	W	-	895.9	-	W	W	-	22.7	-
November 2016	W	W	-	931.0	-	W	W	-	40.4	-
<b>Tennessee</b>										
November 2017	W	W	-	W	W	W	W	-	80.8	-
October 2017	W	W	-	9,472.4	-	W	W	-	81.1	-
November 2016	W	520.0	W	W	-	W	W	W	W	-
<b>Wisconsin</b>										
November 2017	W	W	W	W	-	W	W	W	W	-
October 2017	W	W	W	W	-	W	W	W	W	-
November 2016	W	W	W	W	-	W	W	W	W	-
<b>PAD District 3</b>										
November 2017	NA	921.0	W	W	W	90.0	90.0	W	W	-
October 2017	NA	953.3	W	W	W	93.5	93.5	W	W	-
November 2016	1,050.9	1,079.6	60.4	47,432.6	9,633.1	98.3	101.4	W	W	-
<b>Alabama</b>										
November 2017	-	W	-	4,546.3	-	-	-	-	39.2	-
October 2017	-	W	-	4,624.8	-	-	-	-	36.3	-
November 2016	W	162.3	W	W	-	W	8.0	W	W	-
<b>Arkansas</b>										
November 2017	-	-	-	2,828.3	-	-	-	-	20.2	-
October 2017	-	-	-	2,809.6	-	-	-	-	18.6	-
November 2016	W	W	W	W	-	W	W	W	W	-
<b>Louisiana</b>										
November 2017	-	W	-	W	W	-	-	-	20.1	-
October 2017	-	W	-	W	W	-	-	-	19.4	-
November 2016	-	W	-	W	W	-	-	-	34.8	-
<b>Mississippi</b>										
November 2017	-	-	-	W	W	-	-	-	22.5	-
October 2017	-	-	-	W	W	-	-	-	22.7	-
November 2016	W	13.5	-	3,192.9	560.1	W	W	-	32.2	-
<b>New Mexico</b>										
November 2017	W	389.3	W	W	-	W	W	W	W	-
October 2017	W	400.3	W	W	-	W	W	W	W	-
November 2016	361.4	370.2	W	W	-	51.3	51.6	W	W	-
<b>Texas</b>										
November 2017	W	NA	W	30,529.1	W	W	W	-	197.7	-
October 2017	W	NA	W	31,302.6	W	W	W	-	179.0	-
November 2016	W	W	W	29,725.1	W	W	39.6	-	225.5	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2017	-	-	-	167.2	-	W	W	-	1,766.7	-
October 2017	-	-	-	163.4	-	W	W	-	1,708.0	-
November 2016	W	W	-	173.7	-	W	W	-	1,927.6	-
<b>North Dakota</b>										
November 2017	W	W	-	91.2	-	W	W	-	1,017.7	-
October 2017	W	W	-	82.9	-	W	W	-	991.7	-
November 2016	W	W	W	W	-	W	W	W	W	-
<b>Ohio</b>										
November 2017	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
November 2016	W	W	-	W	W	W	W	-	W	W
<b>Oklahoma</b>										
November 2017	W	W	-	W	W	W	W	-	4,441.4	589.3
October 2017	W	W	-	W	W	W	W	-	4,485.5	406.0
November 2016	W	W	-	W	W	W	W	-	4,653.7	334.6
<b>South Dakota</b>										
November 2017	W	W	-	79.9	-	W	W	-	1,103.3	-
October 2017	W	W	-	87.2	-	W	W	-	1,005.8	-
November 2016	W	W	-	78.1	-	W	W	-	1,049.5	-
<b>Tennessee</b>										
November 2017	W	W	-	901.0	-	W	W	-	W	W
October 2017	W	W	-	896.9	-	W	W	-	10,450.4	-
November 2016	W	W	W	W	-	W	592.4	W	W	-
<b>Wisconsin</b>										
November 2017	W	W	W	401.6	W	W	W	W	5,976.9	W
October 2017	W	W	W	451.1	W	W	W	W	5,884.6	W
November 2016	W	W	W	W	-	W	W	W	W	-
<b>PAD District 3</b>										
November 2017	87.5	93.9	W	5,259.4	W	1,057.0	1,104.9	W	53,582.3	W
October 2017	91.4	97.8	W	5,261.9	W	1,106.0	1,144.5	W	54,595.3	W
November 2016	96.8	100.0	W	W	917.4	1,245.9	1,281.1	69.9	53,066.1	10,550.5
<b>Alabama</b>										
November 2017	-	W	-	424.3	-	-	W	-	5,009.8	-
October 2017	-	W	-	431.2	-	-	W	-	5,092.3	-
November 2016	W	11.7	W	W	-	W	182.0	W	W	-
<b>Arkansas</b>										
November 2017	-	-	-	231.5	-	-	-	-	3,080.1	-
October 2017	-	-	-	231.2	-	-	-	-	3,059.4	-
November 2016	W	W	-	237.6	-	W	W	W	W	-
<b>Louisiana</b>										
November 2017	-	-	-	W	W	-	W	-	6,327.4	1,921.6
October 2017	-	-	-	W	W	-	W	-	6,447.8	1,433.9
November 2016	-	-	-	W	W	-	W	-	6,555.3	1,820.8
<b>Mississippi</b>										
November 2017	-	-	-	226.8	-	-	-	-	W	W
October 2017	-	-	-	232.0	-	-	-	-	W	W
November 2016	W	W	-	W	W	W	15.1	-	W	W
<b>New Mexico</b>										
November 2017	W	W	W	W	-	W	485.0	W	W	-
October 2017	W	W	W	W	-	W	500.4	W	W	-
November 2016	42.8	43.4	W	W	-	455.4	465.1	W	W	-
<b>Texas</b>										
November 2017	W	W	W	3,637.6	W	W	NA	W	34,364.5	W
October 2017	W	W	W	3,618.8	W	W	NA	W	35,100.6	W
November 2016	W	W	W	3,606.6	W	W	W	W	33,557.1	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
November 2017	W	W	W	10,393.1	W	73.3	75.4	-	136.6	-
October 2017	W	W	W	10,838.4	W	76.7	78.3	-	138.5	-
November 2016	365.1	383.0	W	W	W	77.2	79.3	-	145.4	-
<b>Colorado</b>										
November 2017	W	147.6	W	W	W	41.5	42.4	-	57.5	-
October 2017	W	157.1	W	W	W	43.7	44.7	-	63.7	-
November 2016	154.1	157.0	W	W	-	43.7	44.9	-	73.2	-
<b>Idaho</b>										
November 2017	W	W	-	1,328.5	-	W	W	-	9.0	-
October 2017	W	W	-	1,372.1	-	W	W	-	7.5	-
November 2016	W	W	-	1,232.8	-	W	W	-	6.7	-
<b>Montana</b>										
November 2017	W	W	-	1,245.4	-	W	W	-	W	-
October 2017	W	W	-	1,408.9	-	W	W	-	W	-
November 2016	W	W	-	1,129.6	-	W	W	-	7.2	-
<b>Utah</b>										
November 2017	W	W	W	W	W	W	W	-	47.8	-
October 2017	W	W	W	W	W	W	W	-	47.9	-
November 2016	W	W	W	2,548.2	W	W	W	-	42.0	-
<b>Wyoming</b>										
November 2017	W	9.5	-	809.4	-	W	W	-	W	-
October 2017	W	10.4	-	852.6	-	W	W	-	W	-
November 2016	W	11.3	-	953.8	-	W	W	-	16.2	-
<b>PAD District 5</b>										
November 2017	3,955.5	4,024.3	15,542.4	28,759.5	1,781.0	596.8	601.2	242.9	315.1	-
October 2017	4,231.2	4,291.8	15,684.8	29,267.6	1,803.1	647.5	652.0	256.9	341.0	-
November 2016	3,890.6	3,935.1	16,067.6	W	W	632.0	632.9	W	W	-
<b>Alaska</b>										
November 2017	W	W	79.3	W	W	W	W	W	W	-
October 2017	W	W	83.0	W	W	W	W	W	W	-
November 2016	W	W	78.3	388.1	W	W	W	W	W	-
<b>Arizona</b>										
November 2017	W	W	W	4,310.2	W	W	W	W	W	-
October 2017	W	W	W	4,131.5	W	W	W	W	W	-
November 2016	W	W	W	4,174.0	W	W	W	W	W	-
<b>California</b>										
November 2017	2,829.2	2,830.9	W	14,629.7	W	505.1	505.3	149.6	200.1	-
October 2017	3,051.1	3,052.8	W	15,028.9	W	552.3	552.3	162.7	216.3	-
November 2016	W	W	11,820.7	14,324.9	1,931.1	W	W	192.4	234.0	-
<b>Hawaii</b>										
November 2017	W	W	W	W	W	W	W	W	W	-
October 2017	W	W	W	W	W	W	W	W	W	-
November 2016	W	W	W	W	NA	W	W	W	W	-
<b>Nevada</b>										
November 2017	W	W	W	1,446.6	W	W	W	W	W	-
October 2017	W	W	W	1,465.5	W	W	W	W	W	-
November 2016	W	W	708.0	W	W	W	W	W	W	-
<b>Oregon</b>										
November 2017	93.2	93.2	785.4	W	W	6.1	6.1	W	W	-
October 2017	94.7	94.7	W	3,027.5	W	6.5	6.5	4.1	10.6	-
November 2016	93.0	93.0	W	2,402.2	W	6.2	6.2	4.6	15.5	-
<b>Washington</b>										
November 2017	314.6	325.5	W	4,832.3	W	30.7	31.0	W	W	-
October 2017	339.8	346.6	1,085.6	W	W	32.6	32.9	W	W	-
November 2016	245.6	247.9	W	4,677.6	W	26.5	26.5	W	W	-

See footnotes at end of table.



**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
November 2017	W	W	W	2,180.8	W	W	496.9	W	12,710.4	W
October 2017	W	W	W	2,297.6	W	W	527.1	W	13,274.5	W
November 2016	71.7	74.4	W	W	W	514.0	536.7	W	12,399.9	W
<b>Colorado</b>										
November 2017	W	31.5	W	W	-	216.2	221.6	W	5,430.1	W
October 2017	W	33.3	W	W	-	231.3	235.2	W	5,676.5	W
November 2016	34.9	35.0	W	W	-	232.7	236.9	W	W	-
<b>Idaho</b>										
November 2017	W	W	-	225.7	-	W	W	-	1,563.2	-
October 2017	W	W	-	236.1	-	W	W	-	1,615.6	-
November 2016	W	W	-	207.4	-	W	W	-	1,446.9	-
<b>Montana</b>										
November 2017	W	W	-	W	-	W	W	-	1,498.0	-
October 2017	W	W	-	W	-	W	W	-	1,688.3	-
November 2016	W	W	-	238.6	-	W	W	-	1,375.4	-
<b>Utah</b>										
November 2017	W	W	W	W	W	W	W	W	3,253.8	W
October 2017	W	W	W	W	W	W	W	W	3,282.7	W
November 2016	W	W	W	W	W	W	W	W	W	W
<b>Wyoming</b>										
November 2017	W	W	-	W	-	W	11.9	-	965.3	-
October 2017	W	W	-	W	-	W	13.1	-	1,011.5	-
November 2016	W	W	-	159.9	-	W	14.8	-	1,129.9	-
<b>PAD District 5</b>										
November 2017	1,023.8	1,029.8	4,254.1	5,857.4	356.9	5,576.1	5,655.4	20,039.4	34,931.8	2,137.8
October 2017	1,112.5	1,117.7	4,522.3	6,073.7	377.9	5,991.2	6,061.5	20,464.0	35,682.5	2,181.0
November 2016	1,091.4	1,096.1	4,495.0	5,595.4	346.5	5,614.1	5,664.1	W	33,459.6	W
<b>Alaska</b>										
November 2017	W	W	W	W	W	W	W	96.3	W	W
October 2017	W	W	W	W	-	W	W	101.7	W	W
November 2016	W	W	W	W	-	W	W	95.8	W	W
<b>Arizona</b>										
November 2017	W	W	163.7	W	W	W	W	W	4,901.2	W
October 2017	W	W	180.5	W	W	W	W	W	4,686.7	W
November 2016	W	W	181.9	W	W	W	W	W	4,774.2	W
<b>California</b>										
November 2017	847.2	847.2	W	3,628.2	W	4,181.6	4,183.4	15,229.5	18,458.0	1,497.2
October 2017	922.7	922.7	W	3,787.5	W	4,526.1	4,527.9	15,324.2	19,032.6	1,635.7
November 2016	W	W	3,625.5	3,490.6	239.3	W	W	15,638.6	18,049.5	2,170.3
<b>Hawaii</b>										
November 2017	W	W	W	W	W	W	W	W	W	W
October 2017	W	W	W	W	W	W	W	W	W	W
November 2016	W	W	W	W	NA	W	W	W	W	NA
<b>Nevada</b>										
November 2017	W	W	W	W	W	W	W	W	1,801.1	W
October 2017	W	W	W	W	W	W	W	W	1,843.1	W
November 2016	W	W	W	317.4	W	W	W	W	1,667.9	W
<b>Oregon</b>										
November 2017	13.8	13.8	125.2	370.3	-	113.1	113.1	W	3,392.7	W
October 2017	14.0	14.0	W	383.6	W	115.3	115.3	952.9	3,421.6	136.4
November 2016	13.3	13.3	W	314.6	W	112.4	112.4	W	2,732.3	W
<b>Washington</b>										
November 2017	46.5	46.9	230.6	W	W	391.8	403.3	W	5,757.1	W
October 2017	50.1	50.4	239.9	941.2	-	422.6	429.9	W	6,070.9	W
November 2016	41.4	41.5	244.3	W	W	313.4	315.9	W	5,572.1	W

- = No data reported.

NA = Not available.

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 2017 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 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state**  
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2017	14,968.5	15,238.5	4,377.0	185,065.4	17,332.5
October 2017	15,251.0	15,501.5	4,714.7	186,806.5	14,680.9
November 2016	15,289.0	15,518.8	4,822.6	182,664.0	14,595.1
<b>PAD District 1</b>					
November 2017	W	W	W	49,825.3	W
October 2017	W	W	W	50,481.8	W
November 2016	W	W	W	49,129.1	W
<b>Subdistrict 1A</b>					
November 2017	-	-	W	W	-
October 2017	-	-	W	W	-
November 2016	-	-	W	W	-
<b>Connecticut</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Maine</b>					
November 2017	-	-	W	W	-
October 2017	-	-	W	W	-
November 2016	-	-	W	W	-
<b>Massachusetts</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>New Hampshire</b>					
November 2017	-	-	W	W	-
October 2017	-	-	W	W	-
November 2016	-	-	W	W	-
<b>Rhode Island</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Vermont</b>					
November 2017	-	-	W	W	-
October 2017	-	-	W	W	-
November 2016	-	-	W	W	-
<b>Subdistrict 1B</b>					
November 2017	W	W	W	W	W
October 2017	W	W	W	W	W
November 2016	W	W	W	W	1,087.3
<b>Delaware</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>District of Columbia</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Maryland</b>					
November 2017	-	-	-	W	-
October 2017	-	-	-	W	-
November 2016	-	-	-	W	W
<b>New Jersey</b>					
November 2017	-	-	-	-	W
October 2017	-	-	-	-	W
November 2016	-	-	-	-	207.3
<b>New York</b>					
November 2017	W	W	W	W	W
October 2017	W	W	W	W	W
November 2016	W	W	W	W	W
<b>Pennsylvania</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2017	9,012.3	9,038.3	17,498.1	77,321.2	3,567.8
October 2017	9,382.5	9,405.3	17,576.8	78,464.3	3,654.2
November 2016	9,075.5	9,099.6	17,719.3	76,221.5	3,559.4
<b>PAD District 1</b>					
November 2017	W	W	W	27,469.4	W
October 2017	W	W	W	27,461.9	W
November 2016	W	W	W	26,725.6	W
<b>Subdistrict 1A</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	W	W	W
<b>Connecticut</b>					
November 2017	-	W	-	2,080.4	NA
October 2017	-	W	-	2,187.1	NA
November 2016	-	W	W	2,489.8	W
<b>Maine</b>					
November 2017	-	-	-	W	-
October 2017	-	-	-	W	-
November 2016	-	-	-	W	-
<b>Massachusetts</b>					
November 2017	W	W	-	1,049.8	-
October 2017	W	W	-	996.9	-
November 2016	W	W	W	W	-
<b>New Hampshire</b>					
November 2017	W	W	-	-	-
October 2017	W	W	-	-	-
November 2016	W	W	-	-	-
<b>Rhode Island</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	W	858.7	W
<b>Vermont</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Subdistrict 1B</b>					
November 2017	W	W	W	W	W
October 2017	W	W	W	W	W
November 2016	W	W	W	W	W
<b>Delaware</b>					
November 2017	W	W	-	1,132.8	-
October 2017	W	W	-	1,162.9	-
November 2016	W	W	-	1,086.2	-
<b>District of Columbia</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Maryland</b>					
November 2017	-	-	W	W	-
October 2017	-	-	-	W	-
November 2016	-	W	W	W	-
<b>New Jersey</b>					
November 2017	W	W	W	7,317.2	W
October 2017	W	W	W	W	W
November 2016	W	W	W	W	-
<b>New York</b>					
November 2017	W	W	W	W	-
October 2017	W	W	W	W	-
November 2016	W	W	W	W	-
<b>Pennsylvania</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
November 2017	23,980.9	24,276.8	21,875.1	262,386.5	20,900.3
October 2017	24,633.5	24,906.8	22,291.5	265,271.0	18,335.1
November 2016	24,364.5	24,618.4	22,541.9	258,885.5	18,154.5
<b>PAD District 1</b>					
November 2017	8,066.2	8,118.5	W	77,294.7	W
October 2017	8,235.5	8,287.1	W	77,943.7	W
November 2016	8,143.8	8,161.0	W	75,854.7	W
<b>Subdistrict 1A</b>					
November 2017	W	W	W	W	W
October 2017	W	W	W	4,896.2	W
November 2016	W	W	W	4,919.5	W
<b>Connecticut</b>					
November 2017	-	W	-	2,080.4	NA
October 2017	-	W	-	2,187.1	NA
November 2016	-	W	W	2,489.8	W
<b>Maine</b>					
November 2017	-	-	W	W	-
October 2017	-	-	W	W	-
November 2016	-	-	W	W	-
<b>Massachusetts</b>					
November 2017	W	W	-	1,049.8	-
October 2017	W	W	-	996.9	-
November 2016	W	W	W	W	-
<b>New Hampshire</b>					
November 2017	W	W	W	W	-
October 2017	W	W	W	W	-
November 2016	W	W	W	W	-
<b>Rhode Island</b>					
November 2017	W	W	-	NA	W
October 2017	W	W	-	NA	W
November 2016	W	W	W	858.7	W
<b>Vermont</b>					
November 2017	-	-	W	W	-
October 2017	-	-	W	W	-
November 2016	-	-	W	W	-
<b>Subdistrict 1B</b>					
November 2017	4,068.4	4,068.4	W	24,886.1	W
October 2017	4,108.8	4,108.8	W	25,288.3	W
November 2016	3,960.0	3,961.0	W	24,068.6	W
<b>Delaware</b>					
November 2017	W	W	-	1,132.8	-
October 2017	W	W	-	1,162.9	-
November 2016	W	W	-	1,086.2	-
<b>District of Columbia</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Maryland</b>					
November 2017	-	-	W	W	-
October 2017	-	-	-	4,731.3	-
November 2016	-	W	W	4,286.5	W
<b>New Jersey</b>					
November 2017	W	W	W	7,317.2	W
October 2017	W	W	W	W	1,135.5
November 2016	W	W	W	W	207.3
<b>New York</b>					
November 2017	2,511.6	2,511.6	W	5,857.0	W
October 2017	2,541.0	2,541.0	W	5,919.8	W
November 2016	2,428.8	2,429.0	W	5,728.0	W
<b>Pennsylvania</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	43,377.6	96.6
November 2016	W	W	W	42,561.8	W
<b>Florida</b>					
November 2017	W	W	-	15,392.5	-
October 2017	W	W	-	15,383.0	-
November 2016	W	W	-	15,955.8	-
<b>Georgia</b>					
November 2017	W	W	-	9,048.7	-
October 2017	W	W	-	W	W
November 2016	W	75.7	W	W	-
<b>North Carolina</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	9,795.0	-
<b>South Carolina</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	4,949.2	-
November 2016	W	W	-	4,343.5	-
<b>Virginia</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>West Virginia</b>					
November 2017	W	W	-	677.4	-
October 2017	W	W	-	647.6	-
November 2016	W	W	-	832.7	-
<b>PAD District 2</b>					
November 2017	W	W	W	W	1,331.8
October 2017	7,223.4	W	W	W	W
November 2016	W	W	W	W	W
<b>Illinois</b>					
November 2017	W	W	-	3,907.8	-
October 2017	W	W	-	W	W
November 2016	W	32.9	-	W	W
<b>Indiana</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Iowa</b>					
November 2017	-	W	-	3,091.8	-
October 2017	-	W	-	2,957.2	-
November 2016	-	W	-	3,243.8	-
<b>Kansas</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	4,318.1	196.0
<b>Kentucky</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Michigan</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Minnesota</b>					
November 2017	W	W	W	5,300.0	W
October 2017	W	W	W	5,454.7	W
November 2016	W	W	W	5,642.8	W
<b>Missouri</b>					
November 2017	-	W	-	2,905.8	-
October 2017	-	-	-	2,959.6	-
November 2016	-	W	-	W	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2017	-	-	-	4,465.9	-
October 2017	-	-	-	4,381.7	-
November 2016	-	-	-	4,304.7	-
<b>Florida</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Georgia</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>North Carolina</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>South Carolina</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Virginia</b>					
November 2017	-	-	-	4,465.9	-
October 2017	-	-	-	4,381.7	-
November 2016	-	-	-	4,304.7	-
<b>West Virginia</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>PAD District 2</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Illinois</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Indiana</b>					
November 2017	W	W	-	934.2	-
October 2017	W	W	-	912.5	-
November 2016	W	W	-	1,017.2	-
<b>Iowa</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Kansas</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Kentucky</b>					
November 2017	W	W	-	787.4	-
October 2017	W	W	-	782.5	-
November 2016	W	W	-	W	-
<b>Michigan</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Minnesota</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Missouri</b>					
November 2017	-	-	-	886.1	-
October 2017	-	-	-	786.8	-
November 2016	-	-	-	W	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	47,759.3	96.6
November 2016	W	W	W	46,866.6	W
<b>Florida</b>					
November 2017	W	W	-	15,392.5	-
October 2017	W	W	-	15,383.0	-
November 2016	W	W	-	15,955.8	-
<b>Georgia</b>					
November 2017	W	W	-	9,048.7	-
October 2017	W	W	-	W	W
November 2016	W	75.7	W	W	-
<b>North Carolina</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	9,795.0	-
<b>South Carolina</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	4,949.2	-
November 2016	W	W	-	4,343.5	-
<b>Virginia</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>West Virginia</b>					
November 2017	W	W	-	677.4	-
October 2017	W	W	-	647.6	-
November 2016	W	W	-	832.7	-
<b>PAD District 2</b>					
November 2017	W	8,901.2	W	83,867.2	W
October 2017	W	8,886.4	W	83,774.7	W
November 2016	8,846.7	8,975.5	W	84,105.1	W
<b>Illinois</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Indiana</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Iowa</b>					
November 2017	-	W	-	3,091.8	-
October 2017	-	W	-	2,957.2	-
November 2016	-	W	-	3,243.8	-
<b>Kansas</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	4,318.1	196.0
<b>Kentucky</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Michigan</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Minnesota</b>					
November 2017	W	W	W	5,300.0	W
October 2017	W	W	W	5,454.7	W
November 2016	W	W	W	5,642.8	W
<b>Missouri</b>					
November 2017	-	W	-	3,791.9	-
October 2017	-	-	-	3,746.5	-
November 2016	-	W	-	3,726.6	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2017	W	W	-	1,766.7	-
October 2017	W	W	-	1,708.0	-
November 2016	W	W	-	1,927.6	-
<b>North Dakota</b>					
November 2017	W	W	-	1,017.7	-
October 2017	W	W	-	991.7	-
November 2016	W	W	W	W	-
<b>Ohio</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Oklahoma</b>					
November 2017	W	W	-	4,441.4	589.3
October 2017	W	W	-	4,485.5	406.0
November 2016	W	W	-	4,653.7	334.6
<b>South Dakota</b>					
November 2017	W	W	-	1,103.3	-
October 2017	W	W	-	1,005.8	-
November 2016	W	W	-	1,049.5	-
<b>Tennessee</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	10,450.4	-
November 2016	W	592.4	W	W	-
<b>Wisconsin</b>					
November 2017	W	55.4	W	4,355.7	W
October 2017	W	57.5	W	4,264.6	W
November 2016	W	56.1	W	W	-
<b>PAD District 3</b>					
November 2017	1,057.0	1,104.9	W	W	W
October 2017	1,106.0	1,144.5	W	38,127.8	W
November 2016	1,245.9	W	69.9	37,499.1	10,550.5
<b>Alabama</b>					
November 2017	-	W	-	5,009.8	-
October 2017	-	W	-	5,092.3	-
November 2016	W	182.0	W	W	-
<b>Arkansas</b>					
November 2017	-	-	-	3,080.1	-
October 2017	-	-	-	3,059.4	-
November 2016	W	W	W	W	-
<b>Louisiana</b>					
November 2017	-	W	-	6,327.4	1,921.6
October 2017	-	W	-	6,447.8	1,433.9
November 2016	-	W	-	6,555.3	1,820.8
<b>Mississippi</b>					
November 2017	-	-	-	W	W
October 2017	-	-	-	W	W
November 2016	W	15.1	-	W	W
<b>New Mexico</b>					
November 2017	W	485.0	W	W	-
October 2017	W	500.4	W	W	-
November 2016	455.4	465.1	W	W	-
<b>Texas</b>					
November 2017	W	NA	W	W	W
October 2017	W	NA	W	W	W
November 2016	W	W	W	W	W

See footnotes at end of table.



**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>North Dakota</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Ohio</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Oklahoma</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>South Dakota</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Tennessee</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Wisconsin</b>					
November 2017	W	W	-	1,621.2	-
October 2017	W	W	-	1,619.9	-
November 2016	W	W	-	1,688.3	-
<b>PAD District 3</b>					
November 2017	-	-	-	W	W
October 2017	-	-	-	16,467.4	-
November 2016	-	W	-	15,567.0	-
<b>Alabama</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Arkansas</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Louisiana</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Mississippi</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>New Mexico</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Texas</b>					
November 2017	-	-	-	W	W
October 2017	-	-	-	W	-
November 2016	-	W	-	W	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
November 2017	W	W	-	1,766.7	-
October 2017	W	W	-	1,708.0	-
November 2016	W	W	-	1,927.6	-
<b>North Dakota</b>					
November 2017	W	W	-	1,017.7	-
October 2017	W	W	-	991.7	-
November 2016	W	W	W	W	-
<b>Ohio</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	W	W
November 2016	W	W	-	W	W
<b>Oklahoma</b>					
November 2017	W	W	-	4,441.4	589.3
October 2017	W	W	-	4,485.5	406.0
November 2016	W	W	-	4,653.7	334.6
<b>South Dakota</b>					
November 2017	W	W	-	1,103.3	-
October 2017	W	W	-	1,005.8	-
November 2016	W	W	-	1,049.5	-
<b>Tennessee</b>					
November 2017	W	W	-	W	W
October 2017	W	W	-	10,450.4	-
November 2016	W	592.4	W	W	-
<b>Wisconsin</b>					
November 2017	W	W	W	5,976.9	W
October 2017	W	W	W	5,884.6	W
November 2016	W	W	W	W	-
<b>PAD District 3</b>					
November 2017	1,057.0	1,104.9	W	53,582.3	W
October 2017	1,106.0	1,144.5	W	54,595.3	W
November 2016	1,245.9	1,281.1	69.9	53,066.1	10,550.5
<b>Alabama</b>					
November 2017	-	W	-	5,009.8	-
October 2017	-	W	-	5,092.3	-
November 2016	W	182.0	W	W	-
<b>Arkansas</b>					
November 2017	-	-	-	3,080.1	-
October 2017	-	-	-	3,059.4	-
November 2016	W	W	W	W	-
<b>Louisiana</b>					
November 2017	-	W	-	6,327.4	1,921.6
October 2017	-	W	-	6,447.8	1,433.9
November 2016	-	W	-	6,555.3	1,820.8
<b>Mississippi</b>					
November 2017	-	-	-	W	W
October 2017	-	-	-	W	W
November 2016	W	15.1	-	W	W
<b>New Mexico</b>					
November 2017	W	485.0	W	W	-
October 2017	W	500.4	W	W	-
November 2016	455.4	465.1	W	W	-
<b>Texas</b>					
November 2017	W	NA	W	34,364.5	W
October 2017	W	NA	W	35,100.6	W
November 2016	W	W	W	33,557.1	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2017	W	496.9	W	12,710.4	W
October 2017	W	527.1	W	13,274.5	W
November 2016	514.0	536.7	W	12,399.9	W
<b>Colorado</b>					
November 2017	216.2	221.6	W	5,430.1	W
October 2017	231.3	235.2	W	5,676.5	W
November 2016	232.7	236.9	W	W	-
<b>Idaho</b>					
November 2017	W	W	-	1,563.2	-
October 2017	W	W	-	1,615.6	-
November 2016	W	W	-	1,446.9	-
<b>Montana</b>					
November 2017	W	W	-	1,498.0	-
October 2017	W	W	-	1,688.3	-
November 2016	W	W	-	1,375.4	-
<b>Utah</b>					
November 2017	W	W	W	3,253.8	W
October 2017	W	W	W	3,282.7	W
November 2016	W	W	W	W	W
<b>Wyoming</b>					
November 2017	W	11.9	-	965.3	-
October 2017	W	13.1	-	1,011.5	-
November 2016	W	14.8	-	1,129.9	-
<b>PAD District 5</b>					
November 2017	1,394.5	1,469.9	W	13,569.0	W
October 2017	W	1,530.6	W	W	W
November 2016	W	W	W	W	W
<b>Alaska</b>					
November 2017	W	W	96.3	W	W
October 2017	W	W	101.7	W	W
November 2016	W	W	95.8	W	W
<b>Arizona</b>					
November 2017	W	W	267.2	W	-
October 2017	W	W	481.9	W	-
November 2016	W	W	478.5	W	-
<b>California</b>					
November 2017	-	-	-	-	W
October 2017	-	-	-	-	W
November 2016	-	-	-	-	W
<b>Hawaii</b>					
November 2017	W	W	W	W	W
October 2017	W	W	W	W	W
November 2016	W	W	W	W	NA
<b>Nevada</b>					
November 2017	W	W	W	1,801.1	W
October 2017	W	W	W	1,843.1	W
November 2016	W	W	W	1,667.9	W
<b>Oregon</b>					
November 2017	113.1	113.1	W	3,392.7	W
October 2017	115.3	115.3	952.9	3,421.6	136.4
November 2016	112.4	112.4	W	2,732.3	W
<b>Washington</b>					
November 2017	391.8	403.3	W	5,757.1	W
October 2017	422.6	429.9	W	6,070.9	W
November 2016	313.4	315.9	W	5,572.1	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Colorado</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Idaho</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Montana</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Utah</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Wyoming</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>PAD District 5</b>					
November 2017	4,181.6	4,185.5	W	21,362.9	W
October 2017	W	4,530.9	W	W	W
November 2016	W	W	W	W	W
<b>Alaska</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Arizona</b>					
November 2017	-	W	W	W	W
October 2017	-	W	W	W	W
November 2016	-	W	W	W	W
<b>California</b>					
November 2017	4,181.6	W	15,229.5	W	W
October 2017	W	W	15,324.2	19,032.6	W
November 2016	W	W	15,638.6	18,049.5	W
<b>Hawaii</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Nevada</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Oregon</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-
<b>Washington</b>					
November 2017	-	-	-	-	-
October 2017	-	-	-	-	-
November 2016	-	-	-	-	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**  
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
November 2017	W	496.9	W	12,710.4	W
October 2017	W	527.1	W	13,274.5	W
November 2016	514.0	536.7	W	12,399.9	W
<b>Colorado</b>					
November 2017	216.2	221.6	W	5,430.1	W
October 2017	231.3	235.2	W	5,676.5	W
November 2016	232.7	236.9	W	W	-
<b>Idaho</b>					
November 2017	W	W	-	1,563.2	-
October 2017	W	W	-	1,615.6	-
November 2016	W	W	-	1,446.9	-
<b>Montana</b>					
November 2017	W	W	-	1,498.0	-
October 2017	W	W	-	1,688.3	-
November 2016	W	W	-	1,375.4	-
<b>Utah</b>					
November 2017	W	W	W	3,253.8	W
October 2017	W	W	W	3,282.7	W
November 2016	W	W	W	W	W
<b>Wyoming</b>					
November 2017	W	11.9	-	965.3	-
October 2017	W	13.1	-	1,011.5	-
November 2016	W	14.8	-	1,129.9	-
<b>PAD District 5</b>					
November 2017	5,576.1	5,655.4	20,039.4	34,931.8	2,137.8
October 2017	5,991.2	6,061.5	20,464.0	35,682.5	2,181.0
November 2016	5,614.1	5,664.1	W	33,459.6	W
<b>Alaska</b>					
November 2017	W	W	96.3	W	W
October 2017	W	W	101.7	W	W
November 2016	W	W	95.8	W	W
<b>Arizona</b>					
November 2017	W	W	W	4,901.2	W
October 2017	W	W	W	4,686.7	W
November 2016	W	W	W	4,774.2	W
<b>California</b>					
November 2017	4,181.6	4,183.4	15,229.5	18,458.0	1,497.2
October 2017	4,526.1	4,527.9	15,324.2	19,032.6	1,635.7
November 2016	W	W	15,638.6	18,049.5	2,170.3
<b>Hawaii</b>					
November 2017	W	W	W	W	W
October 2017	W	W	W	W	W
November 2016	W	W	W	W	NA
<b>Nevada</b>					
November 2017	W	W	W	1,801.1	W
October 2017	W	W	W	1,843.1	W
November 2016	W	W	W	1,667.9	W
<b>Oregon</b>					
November 2017	113.1	113.1	W	3,392.7	W
October 2017	115.3	115.3	952.9	3,421.6	136.4
November 2016	112.4	112.4	W	2,732.3	W
<b>Washington</b>					
November 2017	391.8	403.3	W	5,757.1	W
October 2017	422.6	429.9	W	6,070.9	W
November 2016	313.4	315.9	W	5,572.1	W

- = No data reported.

NA = Not available.

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: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 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 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	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	Sales to end users	Sales for resale
<b>United States</b>										
November 2017	W	410.3	30,065.5	37,447.6	W	1,160.7	104.7	2,238.2	4,377.8	36,714.5
October 2017	W	458.9	29,483.1	39,373.3	W	1,038.2	73.9	1,004.8	3,863.3	30,382.8
November 2016	W	395.5	31,569.4	30,400.1	W	1,425.4	114.3	1,742.1	5,316.0	35,350.3
<b>PAD District 1</b>										
November 2017	W	132.5	3,822.8	7,826.1	W	297.8	-	W	W	7,370.7
October 2017	W	126.4	3,880.1	7,296.8	W	409.3	-	W	W	5,176.6
November 2016	W	132.1	4,571.4	6,556.8	16.2	493.6	W	W	W	6,363.3
<b>Subdistrict 1A</b>										
November 2017	W	W	236.5	715.9	W	W	-	W	W	1,386.4
October 2017	-	W	219.6	860.3	W	-	-	-	W	802.2
November 2016	W	W	293.5	278.3	W	W	W	W	W	1,242.0
<b>Connecticut</b>										
November 2017	-	-	W	W	-	W	-	-	-	144.6
October 2017	-	-	W	W	-	-	-	-	-	89.1
November 2016	-	-	W	W	-	W	-	-	-	114.0
<b>Maine</b>										
November 2017	-	W	W	W	-	-	-	-	W	459.0
October 2017	-	W	W	W	-	-	-	-	W	254.9
November 2016	W	W	W	W	-	-	W	W	W	343.9
<b>Massachusetts</b>										
November 2017	-	-	W	677.7	W	-	-	-	-	159.4
October 2017	-	-	W	809.6	W	-	-	-	-	116.9
November 2016	-	-	W	W	W	-	-	-	-	175.7
<b>New Hampshire</b>										
November 2017	-	-	W	W	W	-	-	W	-	141.5
October 2017	-	-	W	W	W	-	-	-	-	86.2
November 2016	-	-	W	W	W	-	-	-	-	169.4
<b>Rhode Island</b>										
November 2017	-	-	W	W	W	-	-	-	-	W
October 2017	-	-	W	W	W	-	-	-	-	W
November 2016	-	-	W	W	W	-	-	-	-	W
<b>Vermont</b>										
November 2017	W	-	W	W	-	-	-	-	-	W
October 2017	-	-	W	W	-	-	-	-	-	W
November 2016	-	-	W	W	-	-	-	W	W	W
<b>Subdistrict 1B</b>										
November 2017	-	W	1,824.7	5,334.9	9.7	233.1	-	6.9	-	2,768.8
October 2017	W	W	1,890.8	4,828.1	W	368.7	-	1.3	W	1,799.2
November 2016	-	W	2,298.1	4,476.7	9.4	416.7	W	W	W	2,504.1
<b>Delaware</b>										
November 2017	-	-	-	-	W	W	-	-	-	W
October 2017	-	-	-	W	W	W	-	-	-	W
November 2016	-	-	-	-	W	-	-	-	-	W
<b>District of Columbia</b>										
November 2017	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-
November 2016	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
November 2017	-	-	W	72.1	-	W	-	-	-	W
October 2017	-	-	W	48.5	-	W	-	-	-	W
November 2016	-	-	W	45.1	-	W	-	-	-	W
<b>New Jersey</b>										
November 2017	-	W	681.0	NA	W	W	-	-	-	375.8
October 2017	-	W	722.5	W	W	W	-	-	-	282.5
November 2016	-	-	1,123.2	2,675.3	W	353.1	-	-	-	364.7
<b>New York</b>										
November 2017	-	W	824.7	76.2	W	W	-	W	-	713.8
October 2017	W	W	872.4	94.0	W	W	-	W	W	385.8
November 2016	-	W	W	88.3	W	W	-	W	W	657.4
<b>Pennsylvania</b>										
November 2017	-	W	W	2,002.8	3.7	7.0	-	W	-	1,356.8
October 2017	-	W	W	1,521.0	W	1.6	-	W	W	931.7
November 2016	-	W	W	1,667.9	4.0	3.0	W	W	W	1,180.0

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	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	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>										
November 2017	W	98.2	1,761.6	1,775.3	W	W	-	W	-	3,215.5
October 2017	-	91.7	1,769.7	1,608.5	W	40.6	-	W	W	2,575.3
November 2016	W	107.0	1,979.8	1,801.8	W	W	-	W	W	2,617.2
<b>Florida</b>										
November 2017	-	75.5	1,119.9	1,422.7	W	W	-	-	-	396.9
October 2017	-	66.0	1,027.1	1,181.3	W	-	-	-	-	364.9
November 2016	-	78.1	1,464.1	1,367.3	W	W	-	-	-	357.6
<b>Georgia</b>										
November 2017	W	W	W	95.7	-	W	-	W	-	544.1
October 2017	-	W	W	127.6	-	W	-	W	-	474.1
November 2016	W	W	W	W	-	W	-	W	-	535.1
<b>North Carolina</b>										
November 2017	-	W	W	W	W	W	-	-	-	929.2
October 2017	-	W	W	124.3	W	W	-	-	-	753.8
November 2016	W	W	W	163.5	W	W	-	-	-	745.9
<b>South Carolina</b>										
November 2017	-	-	W	72.8	W	W	-	-	-	661.4
October 2017	-	-	W	72.6	W	W	-	-	-	432.6
November 2016	-	-	W	65.8	W	W	-	-	-	590.4
<b>Virginia</b>										
November 2017	-	W	317.0	W	-	W	-	-	-	246.4
October 2017	-	W	366.2	W	-	W	-	-	-	174.6
November 2016	-	W	157.4	146.3	W	W	-	-	-	W
<b>West Virginia</b>										
November 2017	-	-	W	W	W	-	-	-	-	437.5
October 2017	-	-	W	W	W	-	-	-	W	375.3
November 2016	-	-	W	W	W	-	-	-	W	W
<b>PAD District 2</b>										
November 2017	W	102.6	6,208.0	4,970.9	W	W	12.2	1,658.2	W	14,370.9
October 2017	W	W	5,505.8	5,163.5	W	W	7.7	545.5	W	10,249.6
November 2016	W	102.7	6,082.1	4,687.7	W	W	7.6	1,145.6	W	8,619.0
<b>Illinois</b>										
November 2017	-	W	1,294.2	W	W	W	W	36.3	W	2,000.0
October 2017	W	W	NA	W	W	W	W	8.3	W	1,793.9
November 2016	W	W	1,537.8	W	W	W	W	W	W	1,398.2
<b>Indiana</b>										
November 2017	-	-	847.8	328.3	W	17.8	-	W	-	379.5
October 2017	-	-	851.0	305.5	W	8.6	-	W	W	428.6
November 2016	-	-	715.2	277.4	W	W	-	W	W	193.8
<b>Iowa</b>										
November 2017	-	-	8.9	68.9	-	-	-	199.3	W	1,305.3
October 2017	-	-	10.7	70.0	-	W	-	44.0	W	939.5
November 2016	-	-	W	W	-	W	-	169.0	W	460.8
<b>Kansas</b>										
November 2017	W	W	W	W	-	W	W	146.6	-	3,662.1
October 2017	W	W	W	W	-	W	W	52.0	-	2,435.3
November 2016	W	W	W	W	-	W	-	95.6	W	2,037.6
<b>Kentucky</b>										
November 2017	-	W	1,072.4	519.7	W	W	-	W	W	675.2
October 2017	-	W	W	W	W	W	W	W	-	444.9
November 2016	-	W	W	487.1	W	W	W	W	W	427.4
<b>Michigan</b>										
November 2017	-	-	152.3	403.1	W	W	W	23.2	W	884.6
October 2017	W	-	NA	556.5	W	W	W	W	W	492.2
November 2016	-	-	W	438.5	W	W	W	W	W	643.5
<b>Minnesota</b>										
November 2017	W	W	W	W	W	NA	W	337.0	W	1,374.2
October 2017	W	W	W	W	W	W	W	98.8	W	890.9
November 2016	W	W	W	W	W	W	3.6	217.1	W	587.3
<b>Missouri</b>										
November 2017	W	-	W	W	-	W	-	9.4	-	393.5
October 2017	W	-	W	W	-	-	-	1.6	-	292.2
November 2016	W	W	W	W	-	-	-	7.1	W	300.0

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	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	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
November 2017	W	-	W	W	-	-	W	130.4	-	249.3
October 2017	W	-	W	W	-	-	W	42.2	-	253.4
November 2016	W	-	W	W	-	-	W	105.6	W	152.0
<b>North Dakota</b>										
November 2017	-	-	W	W	-	W	3.7	439.3	W	717.3
October 2017	-	-	W	W	-	-	W	163.6	W	540.1
November 2016	-	-	W	W	-	-	-	245.1	W	369.3
<b>Ohio</b>										
November 2017	-	W	464.1	658.9	W	W	-	W	-	766.0
October 2017	-	W	478.8	647.3	W	W	-	W	-	612.6
November 2016	W	-	500.8	733.9	W	W	-	W	W	746.5
<b>Oklahoma</b>										
November 2017	W	-	W	433.5	-	W	-	36.3	-	245.8
October 2017	W	-	W	475.2	-	W	-	28.3	-	211.3
November 2016	W	-	W	313.1	-	W	-	W	-	219.4
<b>South Dakota</b>										
November 2017	-	-	W	-	-	W	W	134.2	W	281.7
October 2017	-	-	W	-	-	-	W	59.0	W	191.0
November 2016	-	-	W	W	-	-	W	112.3	W	153.5
<b>Tennessee</b>										
November 2017	W	W	W	146.5	W	W	-	W	-	198.8
October 2017	-	19.0	W	160.0	W	W	-	W	-	168.9
November 2016	-	W	W	151.2	W	W	-	-	-	209.2
<b>Wisconsin</b>										
November 2017	-	-	W	W	W	NA	W	129.3	W	1,237.5
October 2017	-	-	W	W	W	W	-	24.0	W	554.9
November 2016	-	-	W	W	W	W	W	W	W	720.6
<b>PAD District 3</b>										
November 2017	W	102.2	6,453.9	16,315.1	-	739.9	-	W	3,931.2	11,825.5
October 2017	W	142.1	6,851.0	18,604.8	-	563.4	-	W	3,580.4	11,908.0
November 2016	W	97.9	7,996.0	10,225.3	-	812.1	-	W	5,120.5	17,358.3
<b>Alabama</b>										
November 2017	W	-	90.7	80.2	-	W	-	-	-	352.4
October 2017	-	-	95.2	W	-	W	-	-	-	244.5
November 2016	-	W	228.4	63.9	-	28.4	-	-	-	293.0
<b>Arkansas</b>										
November 2017	W	-	W	W	-	W	-	-	-	55.1
October 2017	W	-	W	96.4	-	-	-	-	-	W
November 2016	W	W	W	W	-	-	-	-	-	W
<b>Louisiana</b>										
November 2017	-	-	1,032.1	6,048.1	-	W	-	W	803.1	173.1
October 2017	-	4.1	1,193.4	6,922.0	-	W	-	W	W	123.3
November 2016	-	6.9	1,025.2	3,720.7	-	W	-	W	W	151.2
<b>Mississippi</b>										
November 2017	-	W	701.9	1,116.2	-	W	-	-	-	398.5
October 2017	-	W	W	1,600.9	-	W	-	-	-	280.0
November 2016	-	W	738.1	1,633.7	-	W	-	-	-	254.8
<b>New Mexico</b>										
November 2017	W	-	W	W	-	-	-	-	-	83.0
October 2017	W	-	W	W	-	-	-	-	W	W
November 2016	W	-	W	W	-	-	-	-	W	W
<b>Texas</b>										
November 2017	W	W	4,567.7	8,939.8	-	6.4	-	-	3,128.0	10,763.4
October 2017	W	W	4,658.2	9,832.7	-	3.9	-	-	2,866.2	11,148.0
November 2016	W	86.7	5,933.3	4,707.0	-	4.1	-	-	4,009.1	16,545.6

See footnotes at end of table.



**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	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	Sales to end users	Sales for resale
<b>PAD District 4</b>										
November 2017	W	W	933.2	697.2	-	-	W	278.0	W	1,055.7
October 2017	W	W	969.4	843.4	-	-	W	179.6	W	904.9
November 2016	W	W	876.3	922.9	-	-	5.7	237.6	W	936.1
<b>Colorado</b>										
November 2017	W	-	275.1	NA	-	-	-	90.8	W	367.0
October 2017	W	-	W	NA	-	-	-	62.8	-	339.6
November 2016	W	-	381.3	540.3	-	-	W	70.8	W	314.3
<b>Idaho</b>										
November 2017	-	-	W	15.9	-	-	W	18.9	W	W
October 2017	-	-	W	13.2	-	-	W	8.9	W	W
November 2016	-	-	W	20.7	-	-	W	18.9	W	42.0
<b>Montana</b>										
November 2017	-	W	W	W	-	-	W	84.2	W	163.0
October 2017	-	W	W	W	-	-	W	56.3	W	150.1
November 2016	W	W	W	W	-	-	W	65.5	W	139.3
<b>Utah</b>										
November 2017	W	W	375.6	225.5	-	-	W	25.4	-	W
October 2017	W	W	465.1	246.8	-	-	-	14.4	-	W
November 2016	W	W	359.3	302.8	-	-	W	21.8	W	117.9
<b>Wyoming</b>										
November 2017	-	-	W	W	-	-	W	58.7	-	366.5
October 2017	-	-	W	W	-	-	-	37.2	W	305.5
November 2016	-	-	W	W	-	-	-	60.6	W	322.6
<b>PAD District 5</b>										
November 2017	W	W	12,647.6	7,638.4	W	W	W	294.0	W	2,091.8
October 2017	W	71.4	12,276.9	7,464.9	W	W	W	277.1	W	2,143.7
November 2016	W	W	12,043.5	8,007.5	W	W	W	311.3	W	2,073.6
<b>Alaska</b>										
November 2017	W	W	W	W	-	-	W	W	W	W
October 2017	W	W	W	W	-	-	W	W	W	W
November 2016	W	W	W	W	-	-	W	W	W	W
<b>Arizona</b>										
November 2017	W	W	214.1	227.8	-	-	-	-	-	107.9
October 2017	W	W	156.9	242.0	-	-	-	-	-	135.3
November 2016	W	W	202.3	222.5	-	-	-	-	W	169.4
<b>California</b>										
November 2017	-	28.6	7,449.5	5,955.9	-	W	-	-	-	1,304.3
October 2017	-	36.0	7,617.5	5,772.9	-	W	-	-	W	1,274.1
November 2016	-	29.9	7,057.7	6,246.3	-	W	-	-	W	1,233.5
<b>Hawaii</b>										
November 2017	-	W	W	W	-	-	-	-	-	W
October 2017	-	W	W	W	-	-	-	-	-	W
November 2016	-	NA	W	W	-	-	-	-	-	W
<b>Nevada</b>										
November 2017	-	-	W	W	-	-	-	-	-	89.9
October 2017	-	-	W	W	-	-	-	-	-	89.4
November 2016	-	-	W	W	-	-	-	-	-	75.4
<b>Oregon</b>										
November 2017	-	10.8	W	61.8	-	-	-	W	W	W
October 2017	-	12.7	W	73.8	-	-	-	W	W	76.1
November 2016	-	10.4	414.6	40.7	-	-	-	W	W	W
<b>Washington</b>										
November 2017	-	W	2,028.0	198.9	W	-	W	W	W	481.3
October 2017	-	W	1,688.1	233.3	W	-	W	W	W	527.4
November 2016	-	W	1,767.7	300.7	W	-	W	W	W	481.8

- = 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 are revised. Data through 2017 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 42. Refiner No. 2 diesel fuel volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
November 2017	12,655.7	149,444.2	W	W	W	W
October 2017	11,986.5	154,629.7	W	3,343.9	W	1,086.3
November 2016	12,903.6	140,141.5	W	W	W	W
<b>PAD District 1</b>						
November 2017	W	30,272.3	-	W	-	W
October 2017	W	29,307.1	-	W	-	W
November 2016	1,936.0	26,328.0	-	W	-	W
<b>Subdistrict 1A</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Connecticut</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Maine</b>						
November 2017	-	W	-	-	-	-
October 2017	-	W	-	-	-	-
November 2016	-	W	-	-	-	-
<b>Massachusetts</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	181.8	-	-	-	-
<b>New Hampshire</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Rhode Island</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Vermont</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Subdistrict 1B</b>						
November 2017	W	W	-	W	-	W
October 2017	W	W	-	W	-	W
November 2016	W	W	-	W	-	W
<b>Delaware</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>District of Columbia</b>						
November 2017	-	W	-	-	-	-
October 2017	-	W	-	-	-	-
November 2016	-	W	-	-	-	-
<b>Maryland</b>						
November 2017	W	W	-	-	-	W
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>New Jersey</b>						
November 2017	W	W	-	W	-	-
October 2017	153.2	W	-	W	-	-
November 2016	W	W	-	W	-	-
<b>New York</b>						
November 2017	W	W	-	-	-	W
October 2017	175.8	W	-	-	-	W
November 2016	W	W	-	-	-	W
<b>Pennsylvania</b>						
November 2017	272.0	6,485.6	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	5,657.9	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
November 2017	866.8	W	-	-	-	-
October 2017	785.9	W	-	-	-	-
November 2016	1,240.0	W	-	-	-	-
<b>Florida</b>						
November 2017	318.3	4,762.6	-	-	-	-
October 2017	260.5	4,634.7	-	-	-	-
November 2016	471.7	4,454.5	-	-	-	-
<b>Georgia</b>						
November 2017	94.8	2,244.9	-	-	-	-
October 2017	65.4	2,355.0	-	-	-	-
November 2016	101.2	2,268.2	-	-	-	-
<b>North Carolina</b>						
November 2017	274.3	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	398.9	W	-	-	-	-
<b>South Carolina</b>						
November 2017	W	1,306.3	-	-	-	-
October 2017	W	1,340.3	-	-	-	-
November 2016	W	1,189.1	-	-	-	-
<b>Virginia</b>						
November 2017	12.2	W	-	-	-	-
October 2017	12.8	2,357.6	-	-	-	-
November 2016	31.2	2,198.8	-	-	-	-
<b>West Virginia</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>PAD District 2</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Illinois</b>						
November 2017	W	6,016.5	-	-	-	-
October 2017	W	6,021.0	-	-	-	-
November 2016	315.1	6,162.4	-	-	-	-
<b>Indiana</b>						
November 2017	W	3,801.5	-	-	-	-
October 2017	W	3,944.8	-	-	-	-
November 2016	W	3,660.4	-	-	-	-
<b>Iowa</b>						
November 2017	18.7	2,724.6	-	-	-	-
October 2017	15.0	2,668.3	-	-	-	-
November 2016	15.7	2,525.2	-	-	-	-
<b>Kansas</b>						
November 2017	480.0	3,471.9	-	-	-	-
October 2017	379.6	3,330.6	-	-	-	-
November 2016	W	3,391.5	-	-	-	-
<b>Kentucky</b>						
November 2017	W	W	-	-	-	-
October 2017	W	1,792.9	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Michigan</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Minnesota</b>						
November 2017	W	2,868.0	-	-	-	-
October 2017	W	3,602.8	-	-	-	-
November 2016	W	2,649.2	-	-	-	-
<b>Missouri</b>						
November 2017	W	1,661.4	-	-	-	-
October 2017	W	1,834.9	-	-	-	-
November 2016	W	1,506.2	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
November 2017	W	1,588.4	-	-	-	-
October 2017	W	1,648.2	-	-	-	-
November 2016	W	1,471.2	-	-	-	-
<b>North Dakota</b>						
November 2017	W	1,132.4	-	-	-	-
October 2017	W	1,760.8	-	-	-	-
November 2016	W	1,237.0	-	-	-	-
<b>Ohio</b>						
November 2017	W	4,829.2	-	-	-	-
October 2017	725.2	5,022.1	-	-	-	-
November 2016	924.6	5,247.4	-	-	-	-
<b>Oklahoma</b>						
November 2017	512.0	5,913.2	-	-	-	-
October 2017	533.8	5,505.1	-	-	-	-
November 2016	W	5,871.8	-	-	-	-
<b>South Dakota</b>						
November 2017	W	755.6	-	-	-	-
October 2017	W	847.3	-	-	-	-
November 2016	W	648.0	-	-	-	-
<b>Tennessee</b>						
November 2017	351.3	3,218.3	-	-	-	-
October 2017	283.8	3,434.5	-	-	-	-
November 2016	530.7	2,904.3	-	-	-	-
<b>Wisconsin</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>PAD District 3</b>						
November 2017	W	49,931.3	W	W	-	W
October 2017	W	51,522.1	W	W	-	W
November 2016	W	45,245.3	W	W	-	W
<b>Alabama</b>						
November 2017	149.9	1,449.4	-	-	-	-
October 2017	159.1	1,532.6	-	-	-	-
November 2016	164.4	1,489.0	-	-	-	-
<b>Arkansas</b>						
November 2017	W	1,442.7	-	-	-	-
October 2017	W	1,556.5	-	-	-	-
November 2016	W	1,332.3	-	-	-	-
<b>Louisiana</b>						
November 2017	161.0	W	-	W	-	W
October 2017	197.0	12,622.7	-	W	-	NA
November 2016	241.7	W	-	W	-	376.5
<b>Mississippi</b>						
November 2017	50.7	W	-	-	-	-
October 2017	31.0	1,847.1	-	-	-	W
November 2016	89.5	W	-	-	-	-
<b>New Mexico</b>						
November 2017	330.7	1,338.8	-	-	-	-
October 2017	356.4	1,376.1	-	-	-	-
November 2016	265.3	1,130.8	-	-	-	-
<b>Texas</b>						
November 2017	2,073.0	31,216.6	W	W	-	W
October 2017	1,689.2	32,587.3	W	W	-	W
November 2016	1,713.6	28,263.1	W	W	-	W

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
November 2017	W	W	-	-	-	-
October 2017	W	7,068.9	-	-	-	-
November 2016	W	6,832.7	-	-	-	-
<b>Colorado</b>						
November 2017	236.6	2,054.6	-	-	-	-
October 2017	231.7	2,255.9	-	-	-	-
November 2016	261.2	1,885.9	-	-	-	-
<b>Idaho</b>						
November 2017	W	672.4	-	-	-	-
October 2017	W	864.7	-	-	-	-
November 2016	W	851.8	-	-	-	-
<b>Montana</b>						
November 2017	W	1,042.1	-	-	-	-
October 2017	W	1,246.7	-	-	-	-
November 2016	W	1,033.2	-	-	-	-
<b>Utah</b>						
November 2017	326.9	W	-	-	-	-
October 2017	W	1,649.6	-	-	-	-
November 2016	331.1	1,797.6	-	-	-	-
<b>Wyoming</b>						
November 2017	417.6	897.5	-	-	-	-
October 2017	402.3	1,052.1	-	-	-	-
November 2016	384.7	1,264.2	-	-	-	-
<b>PAD District 5</b>						
November 2017	W	W	W	-	W	W
October 2017	W	W	W	-	W	W
November 2016	W	W	W	-	W	W
<b>Alaska</b>						
November 2017	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
November 2016	W	W	-	-	-	-
<b>Arizona</b>						
November 2017	405.8	1,024.0	-	-	-	-
October 2017	381.3	1,108.5	-	-	-	-
November 2016	381.8	941.2	-	-	-	-
<b>California</b>						
November 2017	1,166.1	W	-	-	-	W
October 2017	1,096.9	W	-	-	-	W
November 2016	1,258.5	W	-	-	-	W
<b>Hawaii</b>						
November 2017	W	W	W	-	W	W
October 2017	W	W	W	-	W	W
November 2016	W	W	W	-	W	W
<b>Nevada</b>						
November 2017	W	518.2	-	-	-	-
October 2017	W	529.5	-	-	-	-
November 2016	W	353.1	-	-	-	-
<b>Oregon</b>						
November 2017	7.5	2,051.1	-	-	-	-
October 2017	7.1	2,223.3	-	-	-	-
November 2016	9.5	1,930.2	-	-	-	-
<b>Washington</b>						
November 2017	W	2,927.0	-	-	-	-
October 2017	W	3,697.2	-	-	-	-
November 2016	W	3,358.9	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 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 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>				
November 2017	151.7	10,663.9	13,051.0	164,316.9
October 2017	107.5	6,894.1	12,382.3	165,954.0
November 2016	163.1	9,081.0	13,339.8	151,948.5
<b>PAD District 1</b>				
November 2017	W	6,216.6	1,562.8	37,155.8
October 2017	W	4,642.6	1,483.4	34,354.0
November 2016	55.1	6,103.5	1,991.1	32,527.0
<b>Subdistrict 1A</b>				
November 2017	-	W	W	1,873.8
October 2017	-	W	W	1,181.5
November 2016	W	W	31.7	1,726.9
<b>Connecticut</b>				
November 2017	-	W	W	471.6
October 2017	-	W	W	NA
November 2016	-	W	W	490.1
<b>Maine</b>				
November 2017	-	W	-	207.6
October 2017	-	W	-	201.5
November 2016	W	W	W	136.5
<b>Massachusetts</b>				
November 2017	-	W	W	438.3
October 2017	-	W	W	251.5
November 2016	-	-	W	181.8
<b>New Hampshire</b>				
November 2017	-	W	W	W
October 2017	-	W	W	W
November 2016	-	W	W	W
<b>Rhode Island</b>				
November 2017	-	W	W	504.7
October 2017	-	W	W	289.1
November 2016	-	W	W	W
<b>Vermont</b>				
November 2017	-	W	W	W
October 2017	-	W	W	W
November 2016	-	W	W	W
<b>Subdistrict 1B</b>				
November 2017	W	5,218.8	W	20,899.8
October 2017	W	4,322.9	W	19,188.9
November 2016	W	5,293.0	719.4	17,745.6
<b>Delaware</b>				
November 2017	-	W	W	W
October 2017	-	W	W	W
November 2016	-	W	W	W
<b>District of Columbia</b>				
November 2017	-	-	-	W
October 2017	-	-	-	W
November 2016	-	-	-	W
<b>Maryland</b>				
November 2017	W	W	W	1,293.3
October 2017	-	W	W	1,107.6
November 2016	W	W	W	1,161.5
<b>New Jersey</b>				
November 2017	W	2,805.8	203.6	9,736.7
October 2017	-	2,271.5	153.2	8,668.5
November 2016	W	2,908.7	211.5	7,566.4
<b>New York</b>				
November 2017	W	800.3	182.0	1,744.3
October 2017	-	262.0	175.8	1,217.5
November 2016	W	928.9	176.7	1,907.2
<b>Pennsylvania</b>				
November 2017	-	1,104.4	272.0	7,590.0
October 2017	W	W	322.5	7,654.5
November 2016	W	1,092.5	317.3	6,750.4

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>				
November 2017	-	W	866.8	14,382.3
October 2017	-	W	785.9	13,983.6
November 2016	-	W	1,240.0	13,054.4
<b>Florida</b>				
November 2017	-	-	318.3	4,762.6
October 2017	-	-	260.5	4,634.7
November 2016	-	-	471.7	4,454.5
<b>Georgia</b>				
November 2017	-	-	94.8	2,244.9
October 2017	-	-	65.4	2,355.0
November 2016	-	-	101.2	2,268.2
<b>North Carolina</b>				
November 2017	-	W	274.3	2,812.5
October 2017	-	W	W	2,674.4
November 2016	-	W	398.9	2,376.0
<b>South Carolina</b>				
November 2017	-	-	W	1,306.3
October 2017	-	-	W	1,340.3
November 2016	-	-	W	1,189.1
<b>Virginia</b>				
November 2017	-	W	12.2	2,648.9
October 2017	-	-	12.8	2,357.6
November 2016	-	-	31.2	2,198.8
<b>West Virginia</b>				
November 2017	-	W	W	607.1
October 2017	-	W	W	621.6
November 2016	-	W	W	567.8
<b>PAD District 2</b>				
November 2017	W	W	4,722.4	45,058.6
October 2017	W	W	4,398.2	46,611.3
November 2016	W	W	5,059.2	44,186.8
<b>Illinois</b>				
November 2017	-	-	W	6,016.5
October 2017	-	-	W	6,021.0
November 2016	-	-	315.1	6,162.4
<b>Indiana</b>				
November 2017	-	-	W	3,801.5
October 2017	-	-	W	3,944.8
November 2016	-	-	W	3,660.4
<b>Iowa</b>				
November 2017	-	-	18.7	2,724.6
October 2017	-	-	15.0	2,668.3
November 2016	-	-	15.7	2,525.2
<b>Kansas</b>				
November 2017	-	-	480.0	3,471.9
October 2017	-	-	379.6	3,330.6
November 2016	-	-	W	3,391.5
<b>Kentucky</b>				
November 2017	-	W	W	1,823.5
October 2017	-	-	W	1,792.9
November 2016	-	W	W	1,873.0
<b>Michigan</b>				
November 2017	-	W	W	2,751.8
October 2017	-	W	W	2,785.2
November 2016	-	W	W	2,726.6
<b>Minnesota</b>				
November 2017	W	-	316.3	2,868.0
October 2017	W	-	316.6	3,602.8
November 2016	W	-	273.6	2,649.2
<b>Missouri</b>				
November 2017	-	-	W	1,661.4
October 2017	-	-	W	1,834.9
November 2016	-	-	W	1,506.2

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
November 2017	-	-	W	1,588.4
October 2017	-	-	W	1,648.2
November 2016	-	-	W	1,471.2
<b>North Dakota</b>				
November 2017	W	-	W	1,132.4
October 2017	W	-	W	1,760.8
November 2016	W	-	W	1,237.0
<b>Ohio</b>				
November 2017	-	-	W	4,829.2
October 2017	-	-	725.2	5,022.1
November 2016	-	-	924.6	5,247.4
<b>Oklahoma</b>				
November 2017	-	-	512.0	5,913.2
October 2017	-	-	533.8	5,505.1
November 2016	-	-	W	5,871.8
<b>South Dakota</b>				
November 2017	W	-	W	755.6
October 2017	W	-	W	847.3
November 2016	W	-	W	648.0
<b>Tennessee</b>				
November 2017	-	-	351.3	3,218.3
October 2017	-	-	283.8	3,434.5
November 2016	-	-	530.7	2,904.3
<b>Wisconsin</b>				
November 2017	W	W	46.3	2,502.1
October 2017	W	W	50.4	2,412.7
November 2016	W	W	181.2	2,312.6
<b>PAD District 3</b>				
November 2017	-	4,226.5	2,869.2	57,295.3
October 2017	-	2,161.2	2,531.6	57,138.6
November 2016	-	2,852.3	2,580.6	50,274.5
<b>Alabama</b>				
November 2017	-	-	149.9	1,449.4
October 2017	-	-	159.1	1,532.6
November 2016	-	-	164.4	1,489.0
<b>Arkansas</b>				
November 2017	-	-	W	1,442.7
October 2017	-	-	W	1,556.5
November 2016	-	-	W	1,332.3
<b>Louisiana</b>				
November 2017	-	W	161.0	16,650.8
October 2017	-	W	197.0	16,690.5
November 2016	-	W	241.7	13,582.1
<b>Mississippi</b>				
November 2017	-	W	W	2,518.6
October 2017	-	W	W	2,050.3
November 2016	-	W	W	2,362.0
<b>New Mexico</b>				
November 2017	-	-	330.7	1,338.8
October 2017	-	-	356.4	1,376.1
November 2016	-	-	265.3	1,130.8
<b>Texas</b>				
November 2017	-	2,640.1	2,081.4	33,895.1
October 2017	-	1,171.7	1,697.4	33,932.8
November 2016	-	1,837.1	1,740.5	30,378.3

See footnotes at end of table.



**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>				
November 2017	W	W	1,374.9	6,280.7
October 2017	W	-	1,456.4	7,068.9
November 2016	W	-	1,274.9	6,832.7
<b>Colorado</b>				
November 2017	-	-	236.6	2,054.6
October 2017	-	-	231.7	2,255.9
November 2016	-	-	261.2	1,885.9
<b>Idaho</b>				
November 2017	W	-	W	672.4
October 2017	W	-	W	864.7
November 2016	W	-	W	851.8
<b>Montana</b>				
November 2017	-	-	W	1,042.1
October 2017	-	-	W	1,246.7
November 2016	-	-	W	1,033.2
<b>Utah</b>				
November 2017	-	W	326.9	1,614.1
October 2017	W	-	323.8	1,649.6
November 2016	NA	-	334.0	1,797.6
<b>Wyoming</b>				
November 2017	-	-	417.6	897.5
October 2017	-	-	402.3	1,052.1
November 2016	-	-	384.7	1,264.2
<b>PAD District 5</b>				
November 2017	W	W	2,521.6	18,526.3
October 2017	W	W	2,512.7	20,781.0
November 2016	W	W	2,434.0	18,127.5
<b>Alaska</b>				
November 2017	W	W	W	W
October 2017	W	W	W	W
November 2016	W	W	W	W
<b>Arizona</b>				
November 2017	-	-	405.8	1,024.0
October 2017	-	-	381.3	1,108.5
November 2016	-	-	381.8	941.2
<b>California</b>				
November 2017	-	-	1,166.1	11,382.5
October 2017	-	-	1,096.9	12,469.4
November 2016	-	-	1,258.5	11,087.0
<b>Hawaii</b>				
November 2017	-	-	W	W
October 2017	-	-	W	W
November 2016	-	-	W	W
<b>Nevada</b>				
November 2017	W	-	W	518.2
October 2017	W	-	W	529.5
November 2016	W	-	138.7	353.1
<b>Oregon</b>				
November 2017	-	-	7.5	2,051.1
October 2017	-	-	7.1	2,223.3
November 2016	-	-	9.5	1,930.2
<b>Washington</b>				
November 2017	W	-	332.8	2,927.0
October 2017	W	-	371.9	3,697.2
November 2016	W	-	151.3	3,358.9

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 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 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**  
thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		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		
<b>United States</b>								
November 2017	W	592.5	W	6,647.3	4,254.6	7,239.8	-	W
October 2017	W	597.6	W	7,780.4	3,548.9	8,378.0	-	W
November 2016	NA	707.4	3,097.9	6,511.0	3,958.2	7,218.4	-	W
<b>PAD District 1</b>								
November 2017	W	W	W	W	W	2,315.6	-	-
October 2017	W	W	W	W	W	2,233.9	-	-
November 2016	W	W	W	W	W	1,888.1	-	-
<b>Subdistrict 1A</b>								
November 2017	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-
November 2016	-	-	-	-	-	-	-	-
<b>Subdistrict 1B</b>								
November 2017	W	W	W	W	W	W	-	-
October 2017	W	W	W	W	W	W	-	-
November 2016	W	W	W	W	W	W	-	-
<b>Subdistrict 1C</b>								
November 2017	-	-	W	W	W	W	-	-
October 2017	-	-	NA	W	NA	W	-	-
November 2016	-	-	W	W	W	W	-	-
<b>PAD District 2</b>								
November 2017	-	-	-	W	-	W	-	W
October 2017	-	-	-	W	-	W	-	W
November 2016	-	-	-	W	-	W	-	W
<b>PAD District 3</b>								
November 2017	-	W	W	W	W	3,808.8	-	W
October 2017	-	W	W	W	W	4,860.6	-	W
November 2016	-	W	W	W	W	4,424.4	-	W
<b>PAD District 4</b>								
November 2017	-	-	-	W	-	W	-	-
October 2017	-	-	-	W	-	W	-	-
November 2016	-	W	-	W	-	W	-	-
<b>PAD District 5</b>								
November 2017	W	W	W	W	2,956.4	W	-	-
October 2017	W	W	W	W	2,762.1	1,179.5	-	-
November 2016	W	W	W	W	3,006.0	763.2	-	-

- = 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 2017 are final.

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