

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
United States										
November 2016	20,060.6	20,281.1	17,387.5	228,698.7	16,461.3	1,723.9	1,739.6	303.1	2,338.7	-
October 2016	21,121.6	21,353.6	17,754.8	229,651.2	16,217.4	1,808.4	1,820.7	314.9	2,417.6	-
November 2015	20,462.6	20,751.5	17,702.4	222,803.0	20,058.0	1,735.1	1,744.0	335.3	2,538.2	-
PAD District 1										
November 2016	6,723.4	6,735.4	W	W	2,247.6	577.0	581.7	W	W	-
October 2016	6,929.0	6,940.8	W	W	2,143.5	600.2	604.1	W	W	-
November 2015	6,792.9	6,806.3	W	66,554.3	W	588.9	592.0	W	W	-
Subdistrict 1A										
November 2016	W	W	W	W	W	W	W	-	35.3	-
October 2016	W	W	W	W	W	W	W	-	38.5	-
November 2015	W	W	W	W	W	W	W	W	W	-
Connecticut										
November 2016	-	W	W	W	W	-	-	-	19.4	-
October 2016	-	W	W	W	W	-	-	-	20.5	-
November 2015	-	W	W	2,059.3	W	-	-	W	W	-
Maine										
November 2016	-	-	-	561.7	-	-	-	-	W	-
October 2016	-	-	-	594.2	-	-	-	-	W	-
November 2015	-	-	-	554.3	-	-	-	-	W	-
Massachusetts										
November 2016	W	W	W	W	-	W	W	-	4.7	-
October 2016	W	W	W	W	-	W	W	-	5.4	-
November 2015	W	W	-	866.9	-	W	W	-	NA	-
New Hampshire										
November 2016	W	W	W	W	-	W	W	-	-	-
October 2016	W	W	W	W	-	W	W	-	-	-
November 2015	W	W	-	W	-	W	W	-	-	-
Rhode Island										
November 2016	W	W	W	726.6	W	W	W	-	W	-
October 2016	W	W	W	699.2	W	W	W	-	W	-
November 2015	W	W	W	W	W	W	W	-	W	-
Vermont										
November 2016	-	-	W	W	-	-	-	-	W	-
October 2016	-	-	W	W	-	-	-	-	W	-
November 2015	-	-	-	NA	-	-	-	-	W	-
Subdistrict 1B										
November 2016	3,108.0	3,108.7	W	21,364.6	W	332.6	332.7	W	W	-
October 2016	3,196.2	3,197.9	W	21,128.1	W	343.5	343.5	W	W	-
November 2015	3,087.4	3,088.8	W	W	1,682.5	338.7	338.8	W	W	-
Delaware										
November 2016	W	W	-	957.0	-	W	W	-	10.7	-
October 2016	W	W	-	982.4	-	W	W	-	10.2	-
November 2015	W	W	-	872.3	-	W	W	-	9.7	-
District of Columbia										
November 2016	-	-	-	-	-	-	-	-	-	-
October 2016	-	-	-	-	-	-	-	-	-	-
November 2015	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2016	-	W	W	W	W	-	W	-	72.7	-
October 2016	-	W	W	W	W	-	W	-	67.3	-
November 2015	-	W	W	3,606.4	W	-	W	-	84.2	-
New Jersey										
November 2016	W	W	W	W	207.3	W	W	W	W	-
October 2016	W	W	W	W	169.4	W	W	W	W	-
November 2015	W	W	W	W	555.3	W	W	W	W	-
New York										
November 2016	1,884.1	1,884.1	W	4,965.3	W	210.8	210.8	W	W	-
October 2016	1,903.2	1,903.2	W	4,939.5	W	213.7	213.7	W	W	-
November 2015	1,894.0	1,894.0	W	4,983.0	W	215.4	215.4	W	W	-
Pennsylvania										
November 2016	W	W	-	W	W	W	W	-	30.3	-
October 2016	W	W	-	W	W	W	W	-	31.4	-
November 2015	W	W	-	W	W	W	W	-	32.4	-

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
United States										
November 2016	2,579.9	2,599.9	4,851.3	28,247.5	1,693.2	24,364.5	24,620.6	22,541.9	259,285.0	18,154.5
October 2016	2,706.7	2,726.8	4,900.4	28,403.6	2,195.8	25,636.8	25,901.1	22,970.1	260,472.4	18,413.1
November 2015	2,624.5	2,656.6	4,692.5	27,516.1	2,538.4	24,822.1	25,152.0	22,730.1	252,857.4	22,596.4
PAD District 1										
November 2016	843.5	843.8	W	8,864.6	W	8,143.8	8,160.9	W	76,257.8	W
October 2016	895.6	895.8	W	9,045.5	W	8,424.8	8,440.7	W	76,782.0	W
November 2015	898.5	898.6	W	W	W	8,280.3	8,296.9	W	W	2,787.7
Subdistrict 1A										
November 2016	W	W	W	W	-	W	W	W	4,919.5	W
October 2016	W	W	W	W	-	W	W	W	4,948.7	W
November 2015	W	W	W	W	-	W	W	W	W	W
Connecticut										
November 2016	-	-	W	W	-	-	W	W	2,489.8	W
October 2016	-	-	W	W	-	-	W	W	2,505.2	W
November 2015	-	-	W	W	-	-	W	W	2,431.7	W
Maine										
November 2016	-	-	W	32.1	-	-	-	W	W	-
October 2016	-	-	W	34.4	-	-	-	W	W	-
November 2015	-	-	-	W	-	-	-	-	590.3	-
Massachusetts										
November 2016	W	W	W	W	-	W	W	W	W	-
October 2016	W	W	W	W	-	W	W	W	W	-
November 2015	W	W	-	131.6	-	W	W	-	1,004.6	-
New Hampshire										
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	-
Rhode Island										
November 2016	W	W	W	W	-	W	W	W	858.7	W
October 2016	W	W	W	W	-	W	W	W	825.7	W
November 2015	W	W	W	W	-	W	W	W	W	W
Vermont										
November 2016	-	-	W	W	-	-	-	W	W	-
October 2016	-	-	W	W	-	-	-	W	W	-
November 2015	-	-	-	W	-	-	-	-	NA	-
Subdistrict 1B										
November 2016	519.4	519.6	W	W	W	3,960.0	3,961.0	W	24,471.8	W
October 2016	546.6	546.8	W	W	W	4,086.3	4,088.2	W	24,217.9	W
November 2015	556.5	556.5	W	2,846.0	W	3,982.6	3,984.1	W	23,961.6	W
Delaware										
November 2016	W	W	-	118.5	-	W	W	-	1,086.2	-
October 2016	W	W	-	119.0	-	W	W	-	1,111.6	-
November 2015	W	W	-	96.7	-	W	W	-	978.7	-
District of Columbia										
November 2016	-	-	-	-	-	-	-	-	-	-
October 2016	-	-	-	-	-	-	-	-	-	-
November 2015	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2016	-	W	-	W	W	-	W	W	4,286.5	W
October 2016	-	W	-	W	W	-	W	W	4,066.1	W
November 2015	-	W	-	583.3	-	-	W	W	4,273.8	W
New Jersey										
November 2016	W	W	W	W	-	W	W	W	W	207.3
October 2016	W	W	W	W	-	W	W	W	W	169.4
November 2015	W	W	W	W	-	W	W	W	W	555.3
New York										
November 2016	333.9	334.1	W	W	W	2,428.8	2,429.0	W	5,728.0	W
October 2016	341.4	341.4	W	W	W	2,458.3	2,458.3	W	5,700.2	W
November 2015	358.5	358.5	W	W	W	2,467.9	2,467.9	W	5,740.7	W
Pennsylvania										
November 2016	W	W	-	577.4	-	W	W	-	W	W
October 2016	W	W	-	517.9	-	W	W	-	W	W
November 2015	W	W	-	468.5	-	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
Subdistrict 1C										
November 2016	W	W	W	41,098.6	W	W	W	W	W	-
October 2016	W	W	W	41,584.6	W	W	W	W	W	-
November 2015	W	W	W	41,438.3	W	W	W	W	W	-
Florida										
November 2016	W	W	-	13,860.7	-	W	W	-	118.5	-
October 2016	W	W	-	13,342.8	-	W	W	-	127.1	-
November 2015	W	W	-	13,662.3	-	W	W	-	125.6	-
Georgia										
November 2016	W	66.3	W	W	-	W	W	W	W	-
October 2016	W	124.0	W	8,003.6	W	W	W	W	W	-
November 2015	W	115.7	W	7,581.2	W	W	W	W	W	-
North Carolina										
November 2016	W	W	-	8,642.9	-	W	W	-	154.5	-
October 2016	W	W	-	8,574.9	-	W	W	-	183.1	-
November 2015	W	W	-	W	W	W	W	-	142.2	-
South Carolina										
November 2016	W	W	-	3,903.0	-	W	W	-	46.6	-
October 2016	W	W	-	4,245.1	-	W	W	-	53.5	-
November 2015	W	W	-	4,203.2	-	W	W	-	55.4	-
Virginia										
November 2016	W	W	-	W	W	W	W	-	113.3	-
October 2016	W	W	-	6,603.5	-	W	W	-	118.2	-
November 2015	W	W	W	W	-	W	W	-	123.4	-
West Virginia										
November 2016	W	W	-	782.1	-	W	W	-	8.9	-
October 2016	W	W	-	814.8	-	W	W	-	9.4	-
November 2015	W	W	-	670.1	-	W	W	-	8.4	-
PAD District 2										
November 2016	8,030.7	8,146.3	W	W	1,092.2	339.4	344.1	W	W	-
October 2016	8,540.7	8,664.4	W	W	1,355.3	367.1	371.7	W	W	-
November 2015	8,389.5	8,503.6	W	74,360.7	W	373.5	376.4	W	W	-
Illinois										
November 2016	W	W	-	W	W	W	W	-	109.5	-
October 2016	W	W	-	W	W	W	W	-	114.0	-
November 2015	NA	W	-	W	W	NA	NA	-	133.1	-
Indiana										
November 2016	W	W	-	W	W	W	W	-	42.3	-
October 2016	W	W	-	5,640.5	122.6	W	W	-	41.0	-
November 2015	W	W	-	W	W	W	W	-	44.1	-
Iowa										
November 2016	-	W	-	2,903.2	-	-	-	-	54.9	-
October 2016	-	W	-	2,488.2	-	-	-	-	49.6	-
November 2015	-	W	-	2,403.3	-	-	-	-	75.8	-
Kansas										
November 2016	W	W	-	W	W	W	W	-	29.7	-
October 2016	W	W	-	W	W	W	W	-	29.7	-
November 2015	W	W	-	W	W	W	W	-	30.7	-
Kentucky										
November 2016	W	W	-	W	W	W	W	-	14.7	-
October 2016	W	W	-	W	W	W	W	-	14.0	-
November 2015	W	W	-	W	W	W	W	-	21.1	-
Michigan										
November 2016	W	W	-	9,637.4	-	W	W	-	17.9	-
October 2016	W	W	-	W	W	W	W	-	16.7	-
November 2015	W	W	-	9,358.9	-	W	W	-	24.0	-
Minnesota										
November 2016	W	W	W	5,142.1	W	W	W	W	W	-
October 2016	W	W	W	5,107.8	W	W	W	W	W	-
November 2015	W	W	W	5,081.1	W	W	W	W	W	-
Missouri										
November 2016	-	W	-	3,454.9	-	-	-	-	20.3	-
October 2016	-	W	-	3,489.0	-	-	-	-	21.2	-
November 2015	-	W	-	3,085.0	-	-	-	-	21.8	-

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
Subdistrict 1C										
November 2016	W	W	W	W	-	W	W	W	46,866.6	W
October 2016	W	W	W	W	-	W	W	W	47,615.5	W
November 2015	W	W	W	W	-	W	W	W	47,407.5	W
Florida										
November 2016	W	W	-	1,976.7	-	W	W	-	15,955.8	-
October 2016	W	W	-	1,922.4	-	W	W	-	15,392.2	-
November 2015	W	W	-	2,004.2	-	W	W	-	15,792.1	-
Georgia										
November 2016	W	W	W	W	-	W	75.7	W	W	-
October 2016	W	W	W	W	-	W	139.5	W	9,105.2	W
November 2015	W	W	W	W	-	W	129.9	W	8,636.5	W
North Carolina										
November 2016	W	W	-	997.6	-	W	W	-	9,795.0	-
October 2016	W	W	-	1,069.4	-	W	W	-	9,827.3	-
November 2015	W	W	-	972.0	-	W	W	-	W	W
South Carolina										
November 2016	W	W	-	393.9	-	W	W	-	4,343.5	-
October 2016	W	W	-	448.8	-	W	W	-	4,747.4	-
November 2015	W	W	-	458.9	-	W	W	-	4,717.5	-
Virginia										
November 2016	W	W	-	913.9	-	W	W	-	W	W
October 2016	W	W	-	954.3	-	W	W	-	7,675.9	-
November 2015	W	W	W	W	-	W	W	W	W	-
West Virginia										
November 2016	W	W	-	41.7	-	W	W	-	832.7	-
October 2016	W	W	-	43.3	-	W	W	-	867.5	-
November 2015	W	W	-	40.7	-	W	W	-	719.3	-
PAD District 2										
November 2016	476.6	485.0	W	6,373.1	W	8,846.7	8,975.5	W	84,132.7	W
October 2016	517.6	525.5	W	6,331.3	W	9,425.4	9,561.6	W	83,778.6	W
November 2015	520.1	529.2	W	W	W	9,283.1	9,409.2	W	81,333.7	W
Illinois										
November 2016	W	W	-	1,211.7	-	W	W	-	W	W
October 2016	W	W	-	1,194.6	-	W	W	-	W	W
November 2015	NA	NA	-	W	W	NA	W	-	W	W
Indiana										
November 2016	W	W	-	427.9	-	W	W	-	W	W
October 2016	W	W	-	W	W	W	W	-	W	W
November 2015	W	W	-	434.3	-	W	W	-	W	W
Iowa										
November 2016	-	-	-	285.7	-	-	W	-	3,243.8	-
October 2016	-	-	-	256.6	-	-	W	-	2,794.4	-
November 2015	-	-	-	292.4	-	-	W	-	2,771.5	-
Kansas										
November 2016	-	-	-	W	W	W	W	-	4,318.1	196.0
October 2016	-	-	-	W	W	W	W	-	4,295.6	182.9
November 2015	-	-	-	W	W	W	W	-	4,229.5	490.0
Kentucky										
November 2016	W	W	-	W	W	W	W	-	W	W
October 2016	W	W	-	W	W	W	W	-	W	W
November 2015	W	W	-	247.5	-	W	W	-	W	W
Michigan										
November 2016	W	W	-	W	W	W	W	-	W	W
October 2016	W	W	-	601.1	-	W	W	-	W	W
November 2015	W	W	-	573.1	-	W	W	-	9,956.0	-
Minnesota										
November 2016	W	W	W	W	W	W	W	W	5,642.8	W
October 2016	W	W	W	W	W	W	W	W	5,612.6	W
November 2015	W	W	W	W	W	W	W	W	5,555.0	W
Missouri										
November 2016	-	-	-	251.4	-	-	W	-	3,726.6	-
October 2016	-	-	-	254.1	-	-	W	-	3,764.3	-
November 2015	-	-	-	216.6	-	-	W	-	3,323.4	-

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
PAD District 2 (cont.)										
Nebraska										
November 2016	W	W	-	1,715.8	-	W	W	-	38.1	-
October 2016	W	W	-	1,669.3	-	W	W	-	34.2	-
November 2015	W	W	-	1,375.1	-	W	W	-	39.0	-
North Dakota										
November 2016	W	W	W	W	-	W	W	-	27.9	-
October 2016	W	W	W	W	-	W	W	-	27.9	-
November 2015	W	W	W	W	-	W	W	-	34.6	-
Ohio										
November 2016	W	W	-	W	W	W	W	-	55.0	-
October 2016	W	W	-	10,043.2	-	W	W	-	54.5	-
November 2015	W	W	-	9,757.5	-	W	W	-	61.1	-
Oklahoma										
November 2016	W	W	-	W	W	W	W	-	6.2	-
October 2016	NA	W	-	W	W	W	W	-	8.3	-
November 2015	W	W	-	W	W	W	W	-	8.6	-
South Dakota										
November 2016	W	W	-	968.2	-	W	W	-	26.9	-
October 2016	W	W	-	919.9	-	W	W	-	24.7	-
November 2015	W	W	-	798.3	-	W	W	-	32.1	-
Tennessee										
November 2016	W	520.0	W	W	-	W	W	W	W	-
October 2016	W	814.9	W	W	-	W	W	W	W	-
November 2015	W	741.9	W	8,111.6	W	W	W	W	W	-
Wisconsin										
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	-
PAD District 3										
November 2016	1,050.9	1,082.9	60.4	47,430.1	9,633.1	98.3	101.5	W	W	-
October 2016	1,279.6	1,313.1	73.4	47,883.8	10,131.2	110.6	112.0	W	W	-
November 2015	1,155.8	1,189.0	93.7	45,627.1	12,123.4	100.0	100.5	W	W	-
Alabama										
November 2016	W	162.6	W	W	-	W	8.4	W	W	-
October 2016	W	W	W	W	-	W	W	W	W	-
November 2015	W	W	W	W	-	W	W	W	W	-
Arkansas										
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	-
Louisiana										
November 2016	-	W	-	W	W	-	-	-	34.8	-
October 2016	-	W	-	W	W	-	-	-	34.3	-
November 2015	-	-	-	5,852.9	693.1	-	-	-	44.8	-
Mississippi										
November 2016	W	13.9	-	3,192.9	560.1	W	W	-	32.2	-
October 2016	W	23.9	-	3,163.1	1,151.7	W	W	-	29.5	-
November 2015	W	W	-	W	W	W	W	-	32.2	-
New Mexico										
November 2016	361.4	370.2	W	W	-	51.3	51.6	W	W	-
October 2016	372.4	382.7	W	W	-	52.3	52.4	W	W	-
November 2015	306.2	315.9	W	W	-	W	W	W	W	-
Texas										
November 2016	W	W	W	29,722.8	W	W	39.6	-	225.5	-
October 2016	W	W	W	30,074.5	W	W	38.5	-	226.9	-
November 2015	W	NA	W	28,823.1	W	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	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
PAD District 2 (cont.)										
Nebraska										
November 2016	W	W	-	173.7	-	W	W	-	1,927.6	-
October 2016	W	W	-	175.1	-	W	W	-	1,878.5	-
November 2015	W	W	-	156.8	-	W	W	-	1,570.9	-
North Dakota										
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	-
Ohio										
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
Oklahoma										
November 2016	W	W	-	W	W	W	W	-	4,653.7	334.6
October 2016	W	W	-	W	W	W	W	-	4,554.5	873.9
November 2015	W	W	-	W	W	W	W	-	4,353.0	1,325.8
South Dakota										
November 2016	W	W	-	81.2	-	W	W	-	1,076.3	-
October 2016	W	W	-	73.7	-	W	W	-	1,018.4	-
November 2015	W	W	-	78.7	-	W	W	-	909.1	-
Tennessee										
November 2016	W	W	W	W	-	W	592.4	W	W	-
October 2016	W	W	W	W	-	W	929.4	W	W	-
November 2015	W	W	W	W	-	W	856.9	W	8,986.7	W
Wisconsin										
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	-
PAD District 3										
November 2016	96.8	100.6	W	W	917.4	1,245.9	1,285.0	69.9	53,063.6	10,550.5
October 2016	109.6	113.8	W	W	1,366.7	1,499.9	1,538.8	84.6	53,506.8	11,497.9
November 2015	104.2	108.4	W	W	1,805.4	1,360.0	1,397.9	105.6	51,208.6	13,928.8
Alabama										
November 2016	W	12.1	W	W	-	W	183.1	W	W	-
October 2016	W	22.5	W	W	-	W	362.1	W	W	-
November 2015	W	23.0	W	W	-	W	W	W	W	-
Arkansas										
November 2016	W	W	-	237.6	-	W	W	W	W	-
October 2016	W	W	-	223.8	-	W	W	W	W	-
November 2015	W	W	-	218.0	-	W	W	W	W	-
Louisiana										
November 2016	-	-	-	W	W	-	W	-	6,555.3	1,820.8
October 2016	-	-	-	W	W	-	W	-	6,687.0	2,222.6
November 2015	-	-	-	539.3	-	-	-	-	6,437.0	693.1
Mississippi										
November 2016	W	W	-	W	W	W	15.2	-	W	W
October 2016	W	W	-	W	W	W	26.0	-	W	W
November 2015	W	W	-	W	W	W	W	-	W	W
New Mexico										
November 2016	42.8	43.4	W	W	-	455.4	465.1	W	W	-
October 2016	43.9	44.7	W	W	-	468.5	479.8	W	W	-
November 2015	W	W	W	W	-	W	397.8	W	W	-
Texas										
November 2016	W	W	W	3,606.4	W	W	589.8	W	33,554.6	W
October 2016	W	NA	W	3,592.1	W	W	W	W	33,893.5	W
November 2015	W	W	W	W	W	W	NA	W	32,580.6	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
PAD District 4										
November 2016	365.1	381.4	W	W	W	77.2	79.3	-	145.4	-
October 2016	373.3	387.8	W	W	W	78.2	79.5	-	148.1	-
November 2015	354.7	367.6	W	W	-	74.5	75.6	-	158.8	-
Colorado										
November 2016	154.1	157.0	W	W	-	43.7	44.9	-	73.2	-
October 2016	155.1	158.1	W	W	-	44.0	44.7	-	81.1	-
November 2015	149.2	156.4	W	W	-	41.6	42.3	-	87.1	-
Idaho										
November 2016	W	W	-	1,232.8	-	W	W	-	6.7	-
October 2016	W	W	-	1,336.2	-	W	W	-	7.6	-
November 2015	W	W	-	1,398.4	-	W	W	-	7.3	-
Montana										
November 2016	W	W	-	1,129.6	-	W	W	-	7.2	-
October 2016	W	W	-	1,176.0	-	W	W	-	8.1	-
November 2015	W	W	-	1,079.0	-	W	W	-	10.2	-
Utah										
November 2016	W	W	W	2,548.2	W	W	W	-	42.0	-
October 2016	W	W	W	2,446.1	W	W	W	-	39.7	-
November 2015	W	W	W	W	-	W	W	-	32.6	-
Wyoming										
November 2016	W	9.7	-	927.6	-	W	W	-	16.2	-
October 2016	W	W	-	917.3	-	W	W	-	11.6	-
November 2015	W	9.6	-	797.1	-	W	W	-	21.6	-
PAD District 5										
November 2016	3,890.6	3,935.1	16,067.6	W	W	632.0	632.9	W	W	-
October 2016	3,999.1	4,047.5	16,446.3	W	W	652.3	653.5	W	W	-
November 2015	3,769.7	3,885.1	16,428.1	W	W	598.2	599.4	W	W	-
Alaska										
November 2016	W	W	78.3	388.1	W	W	W	W	W	-
October 2016	W	W	83.8	406.4	W	W	W	W	W	-
November 2015	W	W	75.7	384.3	W	W	W	W	W	-
Arizona										
November 2016	W	W	W	4,174.0	W	W	W	W	W	-
October 2016	W	W	W	4,409.5	W	W	W	2.7	40.2	-
November 2015	W	W	W	4,197.0	W	W	W	3.5	45.1	-
California										
November 2016	W	W	11,820.7	14,324.9	1,931.1	W	W	192.4	234.0	-
October 2016	W	W	12,104.8	14,260.9	1,629.7	W	W	201.9	239.9	-
November 2015	W	W	12,008.5	13,450.2	1,986.4	W	W	220.6	235.5	-
Hawaii										
November 2016	W	W	W	W	NA	W	W	W	W	-
October 2016	W	W	W	W	W	W	W	W	W	-
November 2015	W	W	W	W	W	W	W	W	W	-
Nevada										
November 2016	W	W	708.0	W	W	W	W	W	W	-
October 2016	W	W	W	1,213.9	W	W	W	W	W	-
November 2015	NA	W	781.4	W	W	NA	W	W	W	-
Oregon										
November 2016	93.0	93.0	W	2,402.2	W	6.2	6.2	4.6	15.5	-
October 2016	96.0	96.0	W	2,427.7	W	6.5	6.5	4.9	15.8	-
November 2015	97.0	97.0	W	2,332.8	W	6.5	6.5	6.7	16.2	-
Washington										
November 2016	245.6	247.9	W	4,677.6	W	26.5	26.5	W	W	-
October 2016	247.5	254.4	1,186.4	4,840.3	NA	26.9	27.4	W	W	-
November 2015	250.6	255.6	W	4,563.6	W	27.7	27.9	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
PAD District 4										
November 2016	71.7	74.4	W	W	W	514.0	535.2	W	12,369.4	W
October 2016	72.6	75.5	W	W	W	524.1	542.8	W	12,690.5	W
November 2015	69.8	71.1	W	W	-	498.9	514.3	W	W	-
Colorado										
November 2016	34.9	35.0	W	W	-	232.7	236.9	W	W	-
October 2016	35.5	35.6	W	W	-	234.6	238.4	W	W	-
November 2015	33.6	34.3	W	W	-	224.5	233.1	W	W	-
Idaho										
November 2016	W	W	-	207.4	-	W	W	-	1,446.9	-
October 2016	W	W	-	221.9	-	W	W	-	1,565.7	-
November 2015	W	W	-	227.1	-	W	W	-	1,632.7	-
Montana										
November 2016	W	W	-	238.6	-	W	W	-	1,375.4	-
October 2016	W	W	-	241.2	-	W	W	-	1,425.3	-
November 2015	W	W	-	224.9	-	W	W	-	1,314.1	-
Utah										
November 2016	W	W	W	W	W	W	W	W	W	W
October 2016	W	W	W	W	W	W	W	W	W	W
November 2015	W	W	W	W	-	W	W	W	W	-
Wyoming										
November 2016	W	W	-	155.6	-	W	13.2	-	1,099.4	-
October 2016	W	W	-	149.0	-	W	W	-	1,078.0	-
November 2015	W	W	-	129.7	-	W	13.4	-	948.5	-
PAD District 5										
November 2016	1,091.4	1,096.1	4,495.0	5,597.2	346.5	5,614.1	5,664.1	W	33,461.3	W
October 2016	1,111.2	1,116.2	4,553.4	5,583.1	402.3	5,762.5	5,817.1	W	33,714.5	W
November 2015	1,031.9	1,049.3	4,364.6	W	W	5,399.8	5,533.8	W	31,787.6	W
Alaska										
November 2016	W	W	W	W	-	W	W	95.8	W	W
October 2016	W	W	W	W	-	W	W	102.9	W	W
November 2015	W	W	W	43.4	-	W	W	93.3	W	W
Arizona										
November 2016	W	W	181.9	W	W	W	W	W	4,776.0	W
October 2016	W	W	W	556.0	W	W	W	W	5,005.8	W
November 2015	W	W	W	551.4	W	W	W	W	4,793.5	W
California										
November 2016	W	W	3,625.5	3,490.6	239.3	W	W	15,638.6	18,049.5	2,170.3
October 2016	W	W	3,667.1	3,490.9	220.3	W	W	15,973.7	17,991.6	1,849.9
November 2015	W	W	3,498.8	3,221.9	195.6	W	W	15,727.9	16,907.6	2,182.0
Hawaii										
November 2016	W	W	W	W	NA	W	W	W	W	NA
October 2016	W	W	W	W	W	W	W	W	W	W
November 2015	W	W	W	W	W	W	W	W	W	W
Nevada										
November 2016	W	W	W	317.4	W	W	W	W	1,667.9	W
October 2016	W	W	219.0	W	W	W	W	W	1,531.1	W
November 2015	NA	NA	208.9	246.6	-	NA	W	W	1,385.9	W
Oregon										
November 2016	13.3	13.3	W	314.6	W	112.4	112.4	W	2,732.3	W
October 2016	13.6	13.6	W	308.1	W	116.2	116.2	966.9	2,751.5	457.7
November 2015	13.1	13.1	W	295.5	W	116.6	116.6	989.1	2,644.5	NA
Washington										
November 2016	41.4	41.5	244.3	W	W	313.4	315.9	W	5,572.1	W
October 2016	41.3	41.4	247.4	W	W	315.7	323.2	W	5,754.1	W
November 2015	43.7	43.8	249.5	W	W	322.0	327.3	W	5,416.3	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 2016 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
United States					
November 2016	15,289.0	15,521.1	4,822.6	182,671.4	14,595.1
October 2016	16,334.8	16,575.0	4,949.7	183,376.0	15,424.3
November 2015	15,785.7	16,078.7	4,926.8	178,184.7	18,881.6
PAD District 1					
November 2016	W	W	W	49,142.0	W
October 2016	W	W	W	49,709.0	W
November 2015	W	W	W	49,192.1	W
Subdistrict 1A					
November 2016	-	-	W	W	-
October 2016	-	-	W	W	-
November 2015	-	-	-	422.3	-
Connecticut					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Maine					
November 2016	-	-	W	W	-
October 2016	-	-	W	W	-
November 2015	-	-	-	W	-
Massachusetts					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
New Hampshire					
November 2016	-	-	W	W	-
October 2016	-	-	W	W	-
November 2015	-	-	-	W	-
Rhode Island					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Vermont					
November 2016	-	-	W	W	-
October 2016	-	-	W	W	-
November 2015	-	-	-	W	-
Subdistrict 1B					
November 2016	W	W	W	W	1,087.3
October 2016	W	W	W	W	1,091.1
November 2015	W	W	W	W	W
Delaware					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
District of Columbia					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Maryland					
November 2016	-	-	-	W	W
October 2016	-	-	-	W	W
November 2015	-	-	-	W	NA
New Jersey					
November 2016	-	-	-	-	207.3
October 2016	-	-	-	-	169.4
November 2015	-	-	-	-	W
New York					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	2,541.1	W
Pennsylvania					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	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
United States					
November 2016	9,075.5	9,099.6	17,719.3	76,613.6	3,559.4
October 2016	9,301.9	9,326.1	18,020.4	77,096.2	2,989.0
November 2015	9,036.4	9,073.4	17,803.3	74,672.7	3,714.7
PAD District 1					
November 2016	W	W	W	27,115.9	W
October 2016	W	W	W	27,073.0	W
November 2015	W	W	W	W	W
Subdistrict 1A					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	W	W
Connecticut					
November 2016	-	W	W	2,489.8	W
October 2016	-	W	W	2,505.2	W
November 2015	-	W	W	2,431.7	W
Maine					
November 2016	-	-	-	W	-
October 2016	-	-	-	W	-
November 2015	-	-	-	W	-
Massachusetts					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	-	1,004.6	-
New Hampshire					
November 2016	W	W	-	-	-
October 2016	W	W	-	-	-
November 2015	W	W	-	-	-
Rhode Island					
November 2016	W	W	W	858.7	W
October 2016	W	W	W	825.7	W
November 2015	W	W	W	W	W
Vermont					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Subdistrict 1B					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	W	W
Delaware					
November 2016	W	W	-	1,086.2	-
October 2016	W	W	-	1,111.6	-
November 2015	W	W	-	978.7	-
District of Columbia					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Maryland					
November 2016	-	W	W	W	-
October 2016	-	W	W	W	W
November 2015	-	W	W	W	W
New Jersey					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	W
New York					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	3,199.5	W
Pennsylvania					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	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
United States					
November 2016	24,364.5	24,620.6	22,541.9	259,285.0	18,154.5
October 2016	25,636.8	25,901.1	22,970.1	260,472.4	18,413.1
November 2015	24,822.1	25,152.0	22,730.1	252,857.4	22,596.4
PAD District 1					
November 2016	8,143.8	8,160.9	W	76,257.8	W
October 2016	8,424.8	8,440.7	W	76,782.0	W
November 2015	8,280.3	8,296.9	W	W	2,787.7
Subdistrict 1A					
November 2016	W	W	W	4,919.5	W
October 2016	W	W	W	4,948.7	W
November 2015	W	W	W	W	W
Connecticut					
November 2016	-	W	W	2,489.8	W
October 2016	-	W	W	2,505.2	W
November 2015	-	W	W	2,431.7	W
Maine					
November 2016	-	-	W	W	-
October 2016	-	-	W	W	-
November 2015	-	-	-	590.3	-
Massachusetts					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	-	1,004.6	-
New Hampshire					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	-	W	-
Rhode Island					
November 2016	W	W	W	858.7	W
October 2016	W	W	W	825.7	W
November 2015	W	W	W	W	W
Vermont					
November 2016	-	-	W	W	-
October 2016	-	-	W	W	-
November 2015	-	-	-	NA	-
Subdistrict 1B					
November 2016	3,960.0	3,961.0	W	24,471.8	W
October 2016	4,086.3	4,088.2	W	24,217.9	W
November 2015	3,982.6	3,984.1	W	23,961.6	W
Delaware					
November 2016	W	W	-	1,086.2	-
October 2016	W	W	-	1,111.6	-
November 2015	W	W	-	978.7	-
District of Columbia					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Maryland					
November 2016	-	W	W	4,286.5	W
October 2016	-	W	W	4,066.1	W
November 2015	-	W	W	4,273.8	W
New Jersey					
November 2016	W	W	W	W	207.3
October 2016	W	W	W	W	169.4
November 2015	W	W	W	W	555.3
New York					
November 2016	2,428.8	2,429.0	W	5,728.0	W
October 2016	2,458.3	2,458.3	W	5,700.2	W
November 2015	2,467.9	2,467.9	W	5,740.7	W
Pennsylvania					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	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
Subdistrict 1C					
November 2016	W	W	W	42,561.8	W
October 2016	W	W	W	43,141.3	W
November 2015	W	W	W	W	W
Florida					
November 2016	W	W	-	15,955.8	-
October 2016	W	W	-	15,392.2	-
November 2015	W	W	-	15,792.1	-
Georgia					
November 2016	W	75.7	W	W	-
October 2016	W	139.5	W	9,105.2	W
November 2015	W	129.9	W	8,636.5	W
North Carolina					
November 2016	W	W	-	9,795.0	-
October 2016	W	W	-	9,827.3	-
November 2015	W	W	-	W	W
South Carolina					
November 2016	W	W	-	4,343.5	-
October 2016	W	W	-	4,747.4	-
November 2015	W	W	-	4,717.5	-
Virginia					
November 2016	W	W	-	W	W
October 2016	W	W	-	3,201.9	-
November 2015	W	W	-	W	-
West Virginia					
November 2016	W	W	-	832.7	-
October 2016	W	W	-	867.5	-
November 2015	W	W	-	719.3	-
PAD District 2					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	68,793.7	W
Illinois					
November 2016	W	32.9	-	W	W
October 2016	W	31.7	-	W	W
November 2015	NA	NA	-	W	W
Indiana					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	W	W
Iowa					
November 2016	-	W	-	3,243.8	-
October 2016	-	W	-	2,794.4	-
November 2015	-	W	-	2,771.5	-
Kansas					
November 2016	W	W	-	4,318.1	196.0
October 2016	W	W	-	4,295.6	182.9
November 2015	W	W	-	4,229.5	490.0
Kentucky					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	W	W
Michigan					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	9,956.0	-
Minnesota					
November 2016	W	W	W	5,642.8	W
October 2016	W	W	W	5,612.6	W
November 2015	W	W	W	5,555.0	W
Missouri					
November 2016	-	W	-	W	-
October 2016	-	W	-	W	-
November 2015	-	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
Subdistrict 1C					
November 2016	-	-	-	4,304.7	-
October 2016	-	-	-	4,474.0	-
November 2015	-	-	W	W	-
Florida					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Georgia					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
North Carolina					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
South Carolina					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Virginia					
November 2016	-	-	-	4,304.7	-
October 2016	-	-	-	4,474.0	-
November 2015	-	-	W	W	-
West Virginia					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
PAD District 2					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	12,540.2	-
Illinois					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	NA	W	-	8,238.8	-
Indiana					
November 2016	W	W	-	1,017.2	-
October 2016	W	W	-	938.7	-
November 2015	W	W	-	1,052.0	-
Iowa					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Kansas					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Kentucky					
November 2016	W	W	-	W	-
October 2016	W	W	-	W	-
November 2015	W	W	-	W	-
Michigan					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Minnesota					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Missouri					
November 2016	-	-	-	W	-
October 2016	-	-	-	W	-
November 2015	-	-	-	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
Subdistrict 1C					
November 2016	W	W	W	46,866.6	W
October 2016	W	W	W	47,615.5	W
November 2015	W	W	W	47,407.5	W
Florida					
November 2016	W	W	-	15,955.8	-
October 2016	W	W	-	15,392.2	-
November 2015	W	W	-	15,792.1	-
Georgia					
November 2016	W	75.7	W	W	-
October 2016	W	139.5	W	9,105.2	W
November 2015	W	129.9	W	8,636.5	W
North Carolina					
November 2016	W	W	-	9,795.0	-
October 2016	W	W	-	9,827.3	-
November 2015	W	W	-	W	W
South Carolina					
November 2016	W	W	-	4,343.5	-
October 2016	W	W	-	4,747.4	-
November 2015	W	W	-	4,717.5	-
Virginia					
November 2016	W	W	-	W	W
October 2016	W	W	-	7,675.9	-
November 2015	W	W	W	W	-
West Virginia					
November 2016	W	W	-	832.7	-
October 2016	W	W	-	867.5	-
November 2015	W	W	-	719.3	-
PAD District 2					
November 2016	8,846.7	8,975.5	W	84,132.7	W
October 2016	9,425.4	9,561.6	W	83,778.6	W
November 2015	9,283.1	9,409.2	W	81,333.7	W
Illinois					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	NA	W	-	W	W
Indiana					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	W	W
Iowa					
November 2016	-	W	-	3,243.8	-
October 2016	-	W	-	2,794.4	-
November 2015	-	W	-	2,771.5	-
Kansas					
November 2016	W	W	-	4,318.1	196.0
October 2016	W	W	-	4,295.6	182.9
November 2015	W	W	-	4,229.5	490.0
Kentucky					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	W	W
Michigan					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	9,956.0	-
Minnesota					
November 2016	W	W	W	5,642.8	W
October 2016	W	W	W	5,612.6	W
November 2015	W	W	W	5,555.0	W
Missouri					
November 2016	-	W	-	3,726.6	-
October 2016	-	W	-	3,764.3	-
November 2015	-	W	-	3,323.4	-

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
PAD District 2 (cont.)					
Nebraska					
November 2016	W	W	-	1,927.6	-
October 2016	W	W	-	1,878.5	-
November 2015	W	W	-	1,570.9	-
North Dakota					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	-
Ohio					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	W	W
Oklahoma					
November 2016	W	W	-	4,653.7	334.6
October 2016	W	W	-	4,554.5	873.9
November 2015	W	W	-	4,353.0	1,325.8
South Dakota					
November 2016	W	W	-	1,076.3	-
October 2016	W	W	-	1,018.4	-
November 2015	W	W	-	909.1	-
Tennessee					
November 2016	W	592.4	W	W	-
October 2016	W	929.4	W	W	-
November 2015	W	856.9	W	8,986.7	W
Wisconsin					
November 2016	W	56.1	W	W	-
October 2016	W	56.8	W	W	-
November 2015	61.8	65.3	W	W	-
PAD District 3					
November 2016	1,245.9	W	69.9	37,496.5	10,550.5
October 2016	1,499.9	1,538.8	84.6	37,415.1	11,497.9
November 2015	1,360.0	1,397.9	W	W	W
Alabama					
November 2016	W	183.1	W	W	-
October 2016	W	362.1	W	W	-
November 2015	W	W	W	W	-
Arkansas					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	-
Louisiana					
November 2016	-	W	-	6,555.3	1,820.8
October 2016	-	W	-	6,687.0	2,222.6
November 2015	-	-	-	6,437.0	693.1
Mississippi					
November 2016	W	15.2	-	W	W
October 2016	W	26.0	-	W	W
November 2015	W	W	-	W	W
New Mexico					
November 2016	455.4	465.1	W	W	-
October 2016	468.5	479.8	W	W	-
November 2015	W	397.8	W	W	-
Texas					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	NA	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
PAD District 2 (cont.)					
Nebraska					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
North Dakota					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Ohio					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Oklahoma					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
South Dakota					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Tennessee					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Wisconsin					
November 2016	W	W	-	1,688.3	-
October 2016	W	W	-	1,633.3	-
November 2015	W	W	-	W	-
PAD District 3					
November 2016	-	W	-	15,567.0	-
October 2016	-	-	-	16,091.7	-
November 2015	-	-	W	W	W
Alabama					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Arkansas					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Louisiana					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Mississippi					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
New Mexico					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Texas					
November 2016	-	W	-	W	-
October 2016	-	-	-	W	-
November 2015	-	-	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
PAD District 2 (cont.)					
Nebraska					
November 2016	W	W	-	1,927.6	-
October 2016	W	W	-	1,878.5	-
November 2015	W	W	-	1,570.9	-
North Dakota					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	-
Ohio					
November 2016	W	W	-	W	W
October 2016	W	W	-	W	W
November 2015	W	W	-	W	W
Oklahoma					
November 2016	W	W	-	4,653.7	334.6
October 2016	W	W	-	4,554.5	873.9
November 2015	W	W	-	4,353.0	1,325.8
South Dakota					
November 2016	W	W	-	1,076.3	-
October 2016	W	W	-	1,018.4	-
November 2015	W	W	-	909.1	-
Tennessee					
November 2016	W	592.4	W	W	-
October 2016	W	929.4	W	W	-
November 2015	W	856.9	W	8,986.7	W
Wisconsin					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	-
PAD District 3					
November 2016	1,245.9	1,285.0	69.9	53,063.6	10,550.5
October 2016	1,499.9	1,538.8	84.6	53,506.8	11,497.9
November 2015	1,360.0	1,397.9	105.6	51,208.6	13,928.8
Alabama					
November 2016	W	183.1	W	W	-
October 2016	W	362.1	W	W	-
November 2015	W	W	W	W	-
Arkansas					
November 2016	W	W	W	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	-
Louisiana					
November 2016	-	W	-	6,555.3	1,820.8
October 2016	-	W	-	6,687.0	2,222.6
November 2015	-	-	-	6,437.0	693.1
Mississippi					
November 2016	W	15.2	-	W	W
October 2016	W	26.0	-	W	W
November 2015	W	W	-	W	W
New Mexico					
November 2016	455.4	465.1	W	W	-
October 2016	468.5	479.8	W	W	-
November 2015	W	397.8	W	W	-
Texas					
November 2016	W	589.8	W	33,554.6	W
October 2016	W	W	W	33,893.5	W
November 2015	W	NA	W	32,580.6	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
PAD District 4					
November 2016	514.0	535.2	W	12,369.4	W
October 2016	524.1	542.8	W	12,690.5	W
November 2015	498.9	514.3	W	W	-
Colorado					
November 2016	232.7	236.9	W	W	-
October 2016	234.6	238.4	W	W	-
November 2015	224.5	233.1	W	W	-
Idaho					
November 2016	W	W	-	1,446.9	-
October 2016	W	W	-	1,565.7	-
November 2015	W	W	-	1,632.7	-
Montana					
November 2016	W	W	-	1,375.4	-
October 2016	W	W	-	1,425.3	-
November 2015	W	W	-	1,314.1	-
Utah					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	W	-
Wyoming					
November 2016	W	13.2	-	1,099.4	-
October 2016	W	W	-	1,078.0	-
November 2015	W	13.4	-	948.5	-
PAD District 5					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	W	W
Alaska					
November 2016	W	W	95.8	W	W
October 2016	W	W	102.9	W	W
November 2015	W	W	93.3	W	W
Arizona					
November 2016	W	W	478.5	W	-
October 2016	W	W	W	W	-
November 2015	W	W	W	W	-
California					
November 2016	-	-	-	-	W
October 2016	-	-	-	-	W
November 2015	-	-	-	-	W
Hawaii					
November 2016	W	W	W	W	NA
October 2016	W	W	W	W	W
November 2015	W	W	W	W	W
Nevada					
November 2016	W	W	W	1,667.9	W
October 2016	W	W	W	1,531.1	W
November 2015	NA	W	W	1,385.9	W
Oregon					
November 2016	112.4	112.4	W	2,732.3	W
October 2016	116.2	116.2	966.9	2,751.5	457.7
November 2015	116.6	116.6	989.1	2,644.5	NA
Washington					
November 2016	313.4	315.9	W	5,572.1	W
October 2016	315.7	323.2	W	5,754.1	W
November 2015	322.0	327.3	W	5,416.3	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
PAD District 4					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Colorado					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Idaho					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Montana					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Utah					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Wyoming					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
PAD District 5					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	16,706.1	W	W
Alaska					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Arizona					
November 2016	-	W	W	W	W
October 2016	-	W	W	W	W
November 2015	-	W	978.1	W	W
California					
November 2016	W	W	15,638.6	18,049.5	W
October 2016	W	W	15,973.7	17,991.6	W
November 2015	W	W	15,727.9	16,907.6	W
Hawaii					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Nevada					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Oregon					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-
Washington					
November 2016	-	-	-	-	-
October 2016	-	-	-	-	-
November 2015	-	-	-	-	-

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
PAD District 4					
November 2016	514.0	535.2	W	12,369.4	W
October 2016	524.1	542.8	W	12,690.5	W
November 2015	498.9	514.3	W	W	-
Colorado					
November 2016	232.7	236.9	W	W	-
October 2016	234.6	238.4	W	W	-
November 2015	224.5	233.1	W	W	-
Idaho					
November 2016	W	W	-	1,446.9	-
October 2016	W	W	-	1,565.7	-
November 2015	W	W	-	1,632.7	-
Montana					
November 2016	W	W	-	1,375.4	-
October 2016	W	W	-	1,425.3	-
November 2015	W	W	-	1,314.1	-
Utah					
November 2016	W	W	W	W	W
October 2016	W	W	W	W	W
November 2015	W	W	W	W	-
Wyoming					
November 2016	W	13.2	-	1,099.4	-
October 2016	W	W	-	1,078.0	-
November 2015	W	13.4	-	948.5	-
PAD District 5					
November 2016	5,614.1	5,664.1	W	33,461.3	W
October 2016	5,762.5	5,817.1	W	33,714.5	W
November 2015	5,399.8	5,533.8	W	31,787.6	W
Alaska					
November 2016	W	W	95.8	W	W
October 2016	W	W	102.9	W	W
November 2015	W	W	93.3	W	W
Arizona					
November 2016	W	W	W	4,776.0	W
October 2016	W	W	W	5,005.8	W
November 2015	W	W	W	4,793.5	W
California					
November 2016	W	W	15,638.6	18,049.5	2,170.3
October 2016	W	W	15,973.7	17,991.6	1,849.9
November 2015	W	W	15,727.9	16,907.6	2,182.0
Hawaii					
November 2016	W	W	W	W	NA
October 2016	W	W	W	W	W
November 2015	W	W	W	W	W
Nevada					
November 2016	W	W	W	1,667.9	W
October 2016	W	W	W	1,531.1	W
November 2015	NA	W	W	1,385.9	W
Oregon					
November 2016	112.4	112.4	W	2,732.3	W
October 2016	116.2	116.2	966.9	2,751.5	457.7
November 2015	116.6	116.6	989.1	2,644.5	NA
Washington					
November 2016	313.4	315.9	W	5,572.1	W
October 2016	315.7	323.2	W	5,754.1	W
November 2015	322.0	327.3	W	5,416.3	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 2016 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
United States										
November 2016	W	395.5	32,788.1	29,467.0	W	1,424.7	114.3	1,742.1	5,564.9	35,541.1
October 2016	W	409.5	30,166.1	30,870.8	W	1,170.6	81.7	1,049.2	4,990.5	33,108.6
November 2015	W	346.3	32,500.6	29,610.8	W	1,040.4	NA	1,974.7	5,929.0	30,691.0
PAD District 1										
November 2016	W	132.1	4,620.6	6,642.9	16.2	493.6	W	W	W	6,363.3
October 2016	W	115.4	4,423.6	6,447.7	6.0	303.1	W	W	W	4,942.9
November 2015	W	112.5	5,717.9	4,993.9	W	353.3	-	159.4	W	5,478.3
Subdistrict 1A										
November 2016	W	W	293.5	278.3	W	W	W	W	W	1,242.0
October 2016	W	W	334.6	493.1	W	-	-	W	W	844.3
November 2015	-	W	W	W	W	W	-	W	W	926.4
Connecticut										
November 2016	-	-	W	W	-	W	-	-	-	114.0
October 2016	-	-	W	W	-	-	-	-	-	83.4
November 2015	-	-	NA	W	-	W	-	-	-	56.7
Maine										
November 2016	W	W	W	W	-	-	W	W	W	343.9
October 2016	W	W	W	W	-	-	-	W	W	237.1
November 2015	-	W	W	W	-	-	-	-	W	223.4
Massachusetts										
November 2016	-	-	W	W	W	-	-	-	-	175.7
October 2016	-	-	W	W	W	-	-	-	-	135.8
November 2015	-	-	W	W	W	-	-	-	-	185.7
New Hampshire										
November 2016	-	-	W	W	W	-	-	-	-	169.4
October 2016	-	-	W	W	W	-	-	W	-	118.0
November 2015	-	-	W	-	W	-	-	-	-	143.4
Rhode Island										
November 2016	-	-	W	W	W	-	-	-	-	W
October 2016	-	-	W	W	W	-	-	-	-	W
November 2015	-	-	W	W	W	-	-	-	-	W
Vermont										
November 2016	-	-	W	W	-	-	-	W	W	W
October 2016	-	-	W	W	-	-	-	W	W	W
November 2015	-	-	W	-	-	-	-	W	W	W
Subdistrict 1B										
November 2016	-	W	2,298.1	4,476.7	9.4	416.7	W	W	W	2,504.1
October 2016	W	W	2,337.4	4,233.9	4.5	W	W	W	W	1,906.2
November 2015	-	W	4,165.5	2,417.1	W	279.3	-	152.8	W	2,404.9
Delaware										
November 2016	-	-	-	-	W	-	-	-	-	W
October 2016	-	-	-	W	W	W	-	-	-	W
November 2015	-	-	-	-	W	-	-	-	-	178.6
District of Columbia										
November 2016	-	-	-	-	-	-	-	-	-	-
October 2016	-	-	-	-	-	-	-	-	-	-
November 2015	-	-	-	-	-	-	-	-	-	-
Maryland										
November 2016	-	-	W	45.1	-	W	-	-	-	W
October 2016	-	-	W	W	-	W	-	-	-	W
November 2015	-	-	W	W	-	W	-	-	-	94.9
New Jersey										
November 2016	-	-	1,123.2	2,675.3	W	353.1	-	-	-	364.7
October 2016	-	-	1,129.2	2,389.3	W	W	-	-	-	325.8
November 2015	-	-	2,781.1	1,770.4	W	201.4	-	W	-	294.2
New York										
November 2016	-	W	W	88.3	W	W	-	W	W	657.4
October 2016	-	W	W	125.0	W	W	-	W	W	402.9
November 2015	-	W	W	W	W	W	-	W	W	571.5
Pennsylvania										
November 2016	-	W	W	1,667.9	4.0	3.0	W	W	W	1,180.0
October 2016	W	W	W	1,681.8	1.5	1.5	W	W	W	965.5
November 2015	-	W	W	524.4	2.3	2.2	-	W	W	1,265.7

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
Subdistrict 1C										
November 2016	W	107.0	2,029.0	1,887.8	W	W	-	W	W	2,617.2
October 2016	W	88.5	1,751.6	1,720.7	W	W	-	W	W	2,192.5
November 2015	W	88.3	W	W	W	W	-	W	W	2,147.0
Florida										
November 2016	-	78.1	1,513.3	1,453.3	W	W	-	-	-	357.6
October 2016	-	64.9	1,254.7	1,283.9	W	-	-	-	-	338.5
November 2015	-	60.4	1,043.7	1,774.2	W	-	-	-	-	314.5
Georgia										
November 2016	W	W	W	W	-	W	-	W	-	535.1
October 2016	-	W	W	111.3	-	W	-	W	-	464.2
November 2015	W	W	W	88.9	W	W	-	W	-	510.4
North Carolina										
November 2016	W	W	W	163.5	W	W	-	-	-	745.9
October 2016	W	W	W	133.8	W	W	-	-	-	615.2
November 2015	W	W	W	W	W	W	-	-	-	582.8
South Carolina										
November 2016	-	-	W	65.8	W	W	-	-	-	590.4
October 2016	-	-	W	W	W	W	-	-	-	432.8
November 2015	-	-	W	W	W	-	-	-	-	490.5
Virginia										
November 2016	-	W	157.4	146.3	W	W	-	-	-	W
October 2016	-	W	152.5	134.7	W	W	-	-	W	W
November 2015	-	W	82.7	W	W	W	-	-	W	171.1
West Virginia										
November 2016	-	-	W	W	W	-	-	-	W	W
October 2016	-	-	W	W	W	-	-	-	W	W
November 2015	-	-	W	W	W	-	-	-	W	77.8
PAD District 2										
November 2016	W	102.7	6,154.7	4,615.2	W	W	7.6	1,145.6	W	8,619.0
October 2016	W	105.5	5,439.3	5,109.6	W	W	5.5	448.3	W	9,439.9
November 2015	W	89.3	5,941.1	4,583.1	W	W	14.0	1,108.4	W	9,674.5
Illinois										
November 2016	W	W	1,537.8	W	W	W	W	W	W	1,398.2
October 2016	W	W	1,400.6	1,508.3	W	W	W	W	W	1,175.1
November 2015	-	W	1,263.9	W	W	W	-	31.1	W	1,380.5
Indiana										
November 2016	-	-	715.2	277.4	W	W	-	W	W	193.8
October 2016	-	-	610.2	272.9	W	W	-	W	W	213.0
November 2015	-	-	719.6	270.1	W	W	-	W	W	296.1
Iowa										
November 2016	-	-	W	W	-	W	-	169.0	W	460.8
October 2016	-	-	W	W	-	-	-	32.1	W	965.4
November 2015	-	-	W	W	-	-	W	160.6	W	378.1
Kansas										
November 2016	W	W	W	W	-	W	-	95.6	W	2,037.6
October 2016	W	W	W	W	-	W	-	40.4	W	2,284.1
November 2015	W	W	W	W	-	2.6	-	121.9	W	3,533.1
Kentucky										
November 2016	-	W	W	487.1	W	W	W	W	W	427.4
October 2016	-	W	W	463.3	W	W	-	W	W	417.3
November 2015	-	W	W	W	W	W	W	W	W	372.8
Michigan										
November 2016	-	-	W	438.5	W	W	W	W	W	643.5
October 2016	-	-	81.5	399.7	W	W	NA	W	W	490.1
November 2015	W	-	W	317.9	W	W	W	11.6	W	781.6
Minnesota										
November 2016	W	W	254.9	W	W	W	3.6	217.1	W	587.3
October 2016	W	W	235.7	W	W	14.9	0.7	59.2	W	887.1
November 2015	W	W	380.3	W	W	W	1.8	158.0	W	418.2
Missouri										
November 2016	W	W	W	W	-	-	-	7.1	W	300.0
October 2016	W	W	W	W	-	-	W	1.5	W	278.3
November 2015	W	-	W	W	-	-	-	8.3	-	298.7

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
PAD District 2 (cont.)										
Nebraska										
November 2016	W	-	W	W	-	-	W	105.6	W	152.0
October 2016	W	-	W	15.2	-	-	-	35.5	W	262.7
November 2015	W	-	W	W	-	-	W	93.4	-	181.8
North Dakota										
November 2016	-	-	W	W	-	-	-	245.1	W	369.3
October 2016	-	-	W	W	-	W	W	124.0	W	593.8
November 2015	-	-	W	W	-	-	W	313.9	W	291.2
Ohio										
November 2016	W	-	500.8	733.9	W	W	-	W	W	746.5
October 2016	-	-	537.5	W	W	W	-	W	W	692.9
November 2015	-	-	556.6	W	W	W	-	W	-	524.7
Oklahoma										
November 2016	W	-	W	313.1	-	W	-	W	-	219.4
October 2016	W	W	W	521.5	-	W	-	W	W	186.7
November 2015	W	-	W	214.1	-	W	-	W	-	227.8
South Dakota										
November 2016	-	-	W	W	-	-	W	112.3	W	153.5
October 2016	-	-	W	W	-	-	W	33.7	W	223.7
November 2015	-	-	26.8	W	-	-	W	89.0	W	144.3
Tennessee										
November 2016	-	W	W	151.2	W	W	-	-	-	209.2
October 2016	W	17.5	W	146.4	W	W	-	W	-	188.7
November 2015	-	11.5	W	125.9	W	W	-	W	-	200.1
Wisconsin										
November 2016	-	-	W	W	W	W	W	W	W	720.6
October 2016	-	-	W	W	W	2.2	W	W	W	581.0
November 2015	-	-	W	W	W	W	1.1	75.4	W	645.4
PAD District 3										
November 2016	W	97.9	7,996.0	10,358.9	-	811.3	-	W	5,369.4	17,549.0
October 2016	W	122.8	6,763.3	11,753.2	-	795.1	-	W	4,752.5	15,781.0
November 2015	W	77.4	9,003.7	13,497.4	W	546.2	-	-	5,745.2	12,515.6
Alabama										
November 2016	-	W	228.4	63.9	-	W	-	-	-	293.0
October 2016	-	W	284.3	231.5	-	W	-	-	-	263.0
November 2015	-	W	257.9	W	W	W	-	-	-	250.0
Arkansas										
November 2016	W	W	W	W	-	-	-	-	-	W
October 2016	W	W	W	W	-	-	-	-	-	W
November 2015	W	-	W	W	-	-	-	-	-	W
Louisiana										
November 2016	-	6.9	1,025.2	3,720.7	-	W	-	W	W	151.2
October 2016	-	10.4	900.6	3,894.5	-	W	-	W	W	152.3
November 2015	W	5.3	854.6	4,666.4	-	W	-	-	W	151.2
Mississippi										
November 2016	-	W	738.1	1,633.7	-	W	-	-	-	254.8
October 2016	-	W	W	1,900.3	-	W	-	-	-	224.6
November 2015	-	W	912.4	1,932.5	-	W	-	-	-	255.1
New Mexico										
November 2016	W	-	W	W	-	-	-	-	W	W
October 2016	W	-	W	W	-	-	-	-	W	W
November 2015	W	-	W	89.8	-	-	-	-	W	W
Texas										
November 2016	W	86.7	5,933.3	4,840.6	-	4.1	-	-	4,258.0	16,665.8
October 2016	W	109.8	4,830.6	5,625.2	-	W	-	-	4,005.7	15,024.3
November 2015	W	W	6,904.9	6,750.3	-	W	-	-	4,186.3	11,716.5

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
PAD District 4										
November 2016	W	W	945.7	851.6	-	-	5.7	237.6	W	936.1
October 2016	W	W	947.6	843.6	-	-	3.5	129.7	W	865.3
November 2015	W	W	957.4	321.2	-	-	W	259.4	W	1,004.5
Colorado										
November 2016	W	-	381.3	540.3	-	-	W	70.8	W	314.3
October 2016	W	-	337.8	513.3	-	-	W	30.0	W	315.1
November 2015	W	-	387.1	220.7	-	-	W	92.9	W	388.5
Idaho										
November 2016	-	-	W	20.7	-	-	W	18.9	W	42.0
October 2016	-	-	W	25.1	-	-	W	W	W	37.3
November 2015	-	-	W	21.0	-	-	W	11.4	W	35.1
Montana										
November 2016	W	W	W	W	-	-	W	65.5	W	139.3
October 2016	W	W	W	W	-	-	W	41.7	W	120.1
November 2015	-	W	W	W	-	-	W	78.4	W	119.1
Utah										
November 2016	W	W	428.7	233.4	-	-	W	21.8	W	117.9
October 2016	W	W	483.7	251.5	-	-	-	W	W	97.5
November 2015	-	W	476.8	42.6	-	-	W	39.4	-	109.5
Wyoming										
November 2016	-	-	W	W	-	-	-	60.6	W	322.6
October 2016	-	-	W	W	-	-	-	34.9	W	295.2
November 2015	-	-	W	W	-	-	-	37.3	W	352.4
PAD District 5										
November 2016	W	W	13,071.1	6,998.4	W	W	W	311.3	W	2,073.6
October 2016	W	W	12,592.2	6,716.7	-	W	W	443.1	W	2,079.6
November 2015	W	W	10,880.6	6,215.2	-	W	W	447.5	72.7	2,018.1
Alaska										
November 2016	W	W	W	W	-	-	W	W	W	W
October 2016	W	W	W	W	-	-	W	W	W	W
November 2015	W	-	W	555.8	-	-	W	319.5	W	W
Arizona										
November 2016	W	W	202.3	222.5	-	-	-	-	W	169.4
October 2016	W	W	209.5	227.6	-	-	-	-	W	131.1
November 2015	W	W	183.7	194.0	-	-	-	-	-	240.4
California										
November 2016	-	29.9	8,117.9	5,186.2	-	W	-	-	W	1,233.5
October 2016	-	29.1	7,548.6	5,282.9	-	W	-	-	W	1,216.9
November 2015	-	35.0	6,225.2	4,740.5	-	W	-	-	W	1,215.3
Hawaii										
November 2016	-	NA	W	W	-	-	-	-	-	W
October 2016	-	W	W	W	-	-	-	-	-	W
November 2015	-	W	W	W	-	-	-	-	-	W
Nevada										
November 2016	-	-	W	W	-	-	-	-	-	75.4
October 2016	-	-	W	W	-	-	-	-	-	33.6
November 2015	-	-	W	W	-	-	-	-	-	45.6
Oregon										
November 2016	-	10.4	414.6	40.7	-	-	-	W	W	W
October 2016	-	11.1	394.0	41.1	-	-	-	W	W	W
November 2015	-	5.6	373.1	W	-	-	-	W	W	W
Washington										
November 2016	-	W	1,719.4	349.0	W	-	W	W	W	481.8
October 2016	-	W	1,800.1	208.9	-	-	W	W	W	575.0
November 2015	-	W	1,619.6	243.2	-	-	W	W	W	436.8

- = 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 2016 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
United States						
November 2016	12,874.3	140,100.2	W	W	W	W
October 2016	12,719.7	141,817.4	W	W	W	W
November 2015	12,016.1	136,182.5	W	W	W	W
PAD District 1						
November 2016	1,863.9	26,327.8	-	W	-	W
October 2016	2,141.8	26,427.3	-	W	-	W
November 2015	1,928.2	26,857.1	-	W	-	W
Subdistrict 1A						
November 2016	W	W	-	-	-	-
October 2016	31.5	W	-	-	-	-
November 2015	33.5	W	-	-	-	-
Connecticut						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Maine						
November 2016	-	W	-	-	-	-
October 2016	-	W	-	-	-	-
November 2015	-	91.6	-	-	-	-
Massachusetts						
November 2016	W	181.8	-	-	-	-
October 2016	W	181.2	-	-	-	-
November 2015	W	W	-	-	-	-
New Hampshire						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Rhode Island						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Vermont						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Subdistrict 1B						
November 2016	W	W	-	W	-	W
October 2016	638.0	W	-	W	-	W
November 2015	588.6	W	-	W	-	W
Delaware						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	3.0	W	-	-	-	-
District of Columbia						
November 2016	-	W	-	-	-	-
October 2016	-	W	-	-	-	-
November 2015	-	W	-	-	-	-
Maryland						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
New Jersey						
November 2016	W	W	-	W	-	-
October 2016	180.8	W	-	W	-	-
November 2015	178.4	W	-	W	-	-
New York						
November 2016	W	W	-	-	-	W
October 2016	W	W	-	-	-	W
November 2015	W	W	-	-	-	W
Pennsylvania						
November 2016	W	5,657.9	-	-	-	-
October 2016	W	5,417.8	-	-	-	-
November 2015	218.7	5,899.1	-	-	-	-

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
Subdistrict 1C						
November 2016	1,167.9	W	-	-	-	-
October 2016	1,472.3	W	-	-	-	-
November 2015	1,306.1	W	-	-	-	-
Florida						
November 2016	399.5	4,454.3	-	-	-	-
October 2016	508.7	4,061.0	-	-	-	-
November 2015	313.7	3,905.9	-	-	-	-
Georgia						
November 2016	101.2	2,268.2	-	-	-	-
October 2016	138.8	2,388.8	-	-	-	-
November 2015	149.5	2,429.4	-	-	-	-
North Carolina						
November 2016	398.9	W	-	-	-	-
October 2016	432.9	W	-	-	-	-
November 2015	424.4	W	-	-	-	-
South Carolina						
November 2016	W	1,189.1	-	-	-	-
October 2016	W	1,182.1	-	-	-	-
November 2015	W	1,221.6	-	-	-	-
Virginia						
November 2016	31.2	2,198.8	-	-	-	-
October 2016	52.3	2,394.0	-	-	-	-
November 2015	52.8	2,201.6	-	-	-	-
West Virginia						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	519.4	-	-	-	-
PAD District 2						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Illinois						
November 2016	315.1	6,162.4	-	-	-	-
October 2016	300.5	5,978.0	-	-	-	-
November 2015	244.5	5,756.1	-	-	-	-
Indiana						
November 2016	W	3,660.4	-	-	-	-
October 2016	W	3,659.9	-	-	-	-
November 2015	W	3,217.4	-	-	-	-
Iowa						
November 2016	15.7	2,525.2	-	-	-	-
October 2016	16.8	2,490.4	-	-	-	-
November 2015	22.3	2,100.0	-	-	-	-
Kansas						
November 2016	W	3,391.5	-	-	-	-
October 2016	W	3,410.9	-	-	-	-
November 2015	394.2	2,654.9	-	-	-	-
Kentucky						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Michigan						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Minnesota						
November 2016	W	2,649.2	-	-	-	-
October 2016	W	3,074.2	-	-	-	-
November 2015	W	2,257.5	-	-	-	-
Missouri						
November 2016	W	1,506.2	-	-	-	-
October 2016	W	1,570.5	-	-	-	-
November 2015	W	1,245.3	-	-	-	-

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
PAD District 2 (cont.)						
Nebraska						
November 2016	W	1,471.2	-	-	-	-
October 2016	W	1,562.5	-	-	-	-
November 2015	W	1,391.6	-	-	-	-
North Dakota						
November 2016	W	1,237.0	-	-	-	-
October 2016	W	1,558.3	-	-	-	-
November 2015	W	1,309.6	-	-	-	-
Ohio						
November 2016	924.6	5,247.4	-	-	-	-
October 2016	856.4	5,087.9	-	-	-	-
November 2015	830.9	4,591.8	-	-	-	-
Oklahoma						
November 2016	W	5,871.8	-	-	-	-
October 2016	W	4,995.1	-	-	-	-
November 2015	706.3	5,127.8	-	-	-	-
South Dakota						
November 2016	W	645.1	-	-	-	-
October 2016	W	830.1	-	-	-	-
November 2015	W	603.1	-	-	-	-
Tennessee						
November 2016	530.7	2,904.3	-	-	-	-
October 2016	392.3	3,102.8	-	-	-	-
November 2015	406.1	2,972.3	-	-	-	-
Wisconsin						
November 2016	W	W	-	-	-	-
October 2016	146.4	2,373.3	-	-	-	-
November 2015	W	2,000.6	-	-	-	-
PAD District 3						
November 2016	W	45,231.5	W	W	-	W
October 2016	W	46,329.5	W	W	-	W
November 2015	W	44,265.1	W	W	-	W
Alabama						
November 2016	172.7	1,478.6	-	-	-	-
October 2016	187.1	1,644.4	-	-	-	-
November 2015	120.1	1,849.7	-	-	-	-
Arkansas						
November 2016	W	1,332.3	-	-	-	-
October 2016	W	1,505.3	-	-	-	-
November 2015	W	W	-	-	-	-
Louisiana						
November 2016	NA	W	-	W	-	376.5
October 2016	282.7	W	-	W	-	459.1
November 2015	W	W	-	W	-	W
Mississippi						
November 2016	78.8	W	-	-	-	-
October 2016	76.5	W	-	-	-	-
November 2015	53.5	W	-	-	-	-
New Mexico						
November 2016	265.3	1,130.8	-	-	-	-
October 2016	293.4	1,246.7	-	-	-	-
November 2015	272.5	1,188.1	-	-	-	-
Texas						
November 2016	1,692.3	28,264.6	W	W	-	W
October 2016	1,755.5	29,803.3	W	W	-	W
November 2015	W	29,317.9	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
PAD District 4						
November 2016	W	6,808.3	-	-	-	-
October 2016	W	6,752.5	-	-	-	-
November 2015	W	6,207.8	-	-	-	-
Colorado						
November 2016	261.2	1,885.9	-	-	-	-
October 2016	245.3	2,046.4	-	-	-	-
November 2015	247.8	2,013.9	-	-	-	-
Idaho						
November 2016	W	851.8	-	-	-	-
October 2016	W	804.2	-	-	-	-
November 2015	W	644.3	-	-	-	-
Montana						
November 2016	W	1,035.0	-	-	-	-
October 2016	184.8	1,100.4	-	-	-	-
November 2015	W	962.4	-	-	-	-
Utah						
November 2016	331.1	1,797.6	-	-	-	-
October 2016	W	1,658.5	-	-	-	-
November 2015	W	1,681.9	-	-	-	-
Wyoming						
November 2016	384.7	1,238.0	-	-	-	-
October 2016	388.9	1,143.0	-	-	-	-
November 2015	351.7	905.3	-	-	-	-
PAD District 5						
November 2016	W	W	W	-	W	W
October 2016	W	W	W	-	W	W
November 2015	W	W	W	-	W	W
Alaska						
November 2016	W	W	-	-	-	-
October 2016	W	W	-	-	-	-
November 2015	W	W	-	-	-	-
Arizona						
November 2016	381.8	941.2	-	-	-	-
October 2016	383.1	1,178.1	-	-	-	-
November 2015	467.1	1,169.2	-	-	-	-
California						
November 2016	1,258.5	W	-	-	-	W
October 2016	1,117.7	W	-	-	-	W
November 2015	971.9	12,791.1	-	-	-	-
Hawaii						
November 2016	W	W	W	-	W	W
October 2016	86.9	W	W	-	W	W
November 2015	91.3	W	W	-	W	W
Nevada						
November 2016	W	353.1	-	-	-	-
October 2016	W	445.1	-	-	-	-
November 2015	W	449.1	-	-	-	-
Oregon						
November 2016	9.5	1,930.2	-	-	-	-
October 2016	7.2	1,911.6	-	-	-	-
November 2015	9.0	2,105.8	-	-	-	-
Washington						
November 2016	W	3,358.9	-	-	-	-
October 2016	W	3,481.8	-	-	-	-
November 2015	W	2,926.6	-	-	-	-

- = 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 2016 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
United States				
November 2016	163.1	8,715.9	13,310.6	151,542.2
October 2016	136.8	8,150.6	13,214.9	152,444.7
November 2015	147.2	10,020.0	12,503.0	149,310.7
PAD District 1				
November 2016	55.1	5,738.4	1,919.0	32,161.6
October 2016	49.7	4,705.1	2,191.5	31,289.1
November 2015	25.8	5,160.7	1,954.0	32,257.3
Subdistrict 1A				
November 2016	W	W	31.7	1,726.9
October 2016	-	W	31.5	1,399.3
November 2015	-	W	33.5	1,382.2
Connecticut				
November 2016	-	W	W	490.1
October 2016	-	W	W	410.5
November 2015	-	W	W	561.9
Maine				
November 2016	W	W	W	136.5
October 2016	-	W	-	132.8
November 2015	-	-	-	91.6
Massachusetts				
November 2016	-	-	W	181.8
October 2016	-	-	W	181.2
November 2015	-	W	W	232.7
New Hampshire				
November 2016	-	W	W	W
October 2016	-	W	W	W
November 2015	-	-	W	W
Rhode Island				
November 2016	-	W	W	W
October 2016	-	W	W	W
November 2015	-	W	W	W
Vermont				
November 2016	-	W	W	W
October 2016	-	W	W	W
November 2015	-	W	W	W
Subdistrict 1B				
November 2016	W	4,927.9	719.4	17,380.6
October 2016	49.7	4,220.3	687.6	17,001.0
November 2015	25.8	4,694.3	614.4	18,272.1
Delaware				
November 2016	-	W	W	W
October 2016	W	W	W	W
November 2015	W	W	W	W
District of Columbia				
November 2016	-	-	-	W
October 2016	-	-	-	W
November 2015	-	-	-	W
Maryland				
November 2016	W	W	W	1,161.5
October 2016	W	W	W	1,196.1
November 2015	W	W	W	1,300.4
New Jersey				
November 2016	W	2,543.6	211.5	7,201.3
October 2016	-	1,704.4	180.8	6,896.6
November 2015	-	3,001.1	178.4	7,974.0
New York				
November 2016	W	928.9	176.7	1,907.2
October 2016	W	862.2	176.2	1,774.9
November 2015	W	904.7	162.3	2,309.3
Pennsylvania				
November 2016	W	1,092.5	317.3	6,750.4
October 2016	W	1,364.6	257.9	6,782.4
November 2015	NA	522.3	222.1	6,421.4

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
Subdistrict 1C				
November 2016	-	W	1,167.9	13,054.2
October 2016	-	W	1,472.3	12,888.9
November 2015	-	W	1,306.1	12,603.0
Florida				
November 2016	-	-	399.5	4,454.3
October 2016	-	-	508.7	4,061.0
November 2015	-	-	313.7	3,905.9
Georgia				
November 2016	-	-	101.2	2,268.2
October 2016	-	-	138.8	2,388.8
November 2015	-	-	149.5	2,429.4
North Carolina				
November 2016	-	W	398.9	2,376.0
October 2016	-	W	432.9	2,299.8
November 2015	-	W	424.4	2,325.1
South Carolina				
November 2016	-	-	W	1,189.1
October 2016	-	-	W	1,182.1
November 2015	-	-	W	1,221.6
Virginia				
November 2016	-	-	31.2	2,198.8
October 2016	-	-	52.3	2,394.0
November 2015	-	-	52.8	2,201.6
West Virginia				
November 2016	-	W	W	567.8
October 2016	-	W	W	563.3
November 2015	-	-	W	519.4
PAD District 2				
November 2016	W	W	5,059.2	44,184.0
October 2016	W	W	4,699.6	44,233.5
November 2015	W	W	4,809.8	39,245.1
Illinois				
November 2016	-	-	315.1	6,162.4
October 2016	-	-	300.5	5,978.0
November 2015	-	-	244.5	5,756.1
Indiana				
November 2016	-	-	W	3,660.4
October 2016	-	-	W	3,659.9
November 2015	-	-	W	3,217.4
Iowa				
November 2016	-	-	15.7	2,525.2
October 2016	-	-	16.8	2,490.4
November 2015	-	-	22.3	2,100.0
Kansas				
November 2016	-	-	W	3,391.5
October 2016	-	-	W	3,410.9
November 2015	-	-	394.2	2,654.9
Kentucky				
November 2016	-	W	W	1,873.0
October 2016	-	W	W	1,958.7
November 2015	-	W	W	1,764.9
Michigan				
November 2016	-	W	W	2,726.6
October 2016	-	W	W	2,580.9
November 2015	-	W	W	2,252.2
Minnesota				
November 2016	W	-	273.6	2,649.2
October 2016	W	-	282.5	3,074.2
November 2015	W	-	285.2	2,257.5
Missouri				
November 2016	-	-	W	1,506.2
October 2016	-	-	W	1,570.5
November 2015	-	-	W	1,245.3

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
PAD District 2 (cont.)				
Nebraska				
November 2016	-	-	W	1,471.2
October 2016	-	-	W	1,562.5
November 2015	-	-	W	1,391.6
North Dakota				
November 2016	W	-	W	1,237.0
October 2016	W	-	W	1,558.3
November 2015	W	-	W	1,309.6
Ohio				
November 2016	-	-	924.6	5,247.4
October 2016	-	-	856.4	5,087.9
November 2015	-	-	830.9	4,591.8
Oklahoma				
November 2016	-	-	W	5,871.8
October 2016	-	-	W	4,995.1
November 2015	-	-	706.3	5,127.8
South Dakota				
November 2016	W	-	W	645.1
October 2016	W	-	W	830.1
November 2015	W	-	90.2	603.1
Tennessee				
November 2016	-	-	530.7	2,904.3
October 2016	-	-	392.3	3,102.8
November 2015	-	-	406.1	2,972.3
Wisconsin				
November 2016	W	W	181.2	2,312.6
October 2016	NA	-	147.6	2,373.3
November 2015	W	-	59.0	2,000.6
PAD District 3				
November 2016	-	2,852.3	2,623.6	50,260.6
October 2016	-	3,326.6	2,692.4	51,649.6
November 2015	-	4,821.5	2,315.4	51,840.5
Alabama				
November 2016	-	-	172.7	1,478.6
October 2016	-	-	187.1	1,644.4
November 2015	-	-	120.1	1,849.7
Arkansas				
November 2016	-	-	W	1,332.3
October 2016	-	-	W	1,505.3
November 2015	-	W	W	1,038.7
Louisiana				
November 2016	-	W	W	13,579.7
October 2016	-	W	282.7	12,418.2
November 2015	-	980.1	W	12,294.7
Mississippi				
November 2016	-	W	78.8	2,359.6
October 2016	-	W	W	2,890.9
November 2015	-	W	53.5	2,689.4
New Mexico				
November 2016	-	-	265.3	1,130.8
October 2016	-	-	293.4	1,246.7
November 2015	-	-	272.5	1,188.1
Texas				
November 2016	-	1,837.1	1,719.2	30,379.8
October 2016	-	1,637.4	1,769.8	31,944.1
November 2015	-	3,011.2	1,814.1	32,779.8

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
PAD District 4				
November 2016	W	-	1,274.9	6,808.3
October 2016	W	-	1,228.7	6,752.5
November 2015	W	-	1,100.9	6,207.8
Colorado				
November 2016	-	-	261.2	1,885.9
October 2016	-	-	245.3	2,046.4
November 2015	-	-	247.8	2,013.9
Idaho				
November 2016	W	-	W	851.8
October 2016	W	-	89.9	804.2
November 2015	W	-	65.0	644.3
Montana				
November 2016	-	-	W	1,035.0
October 2016	-	-	184.8	1,100.4
November 2015	W	-	86.2	962.4
Utah				
November 2016	NA	-	334.0	1,797.6
October 2016	W	-	319.8	1,658.5
November 2015	W	-	350.2	1,681.9
Wyoming				
November 2016	-	-	384.7	1,238.0
October 2016	-	-	388.9	1,143.0
November 2015	-	-	351.7	905.3
PAD District 5				
November 2016	W	W	2,434.0	18,127.5
October 2016	W	W	2,402.6	18,520.0
November 2015	W	W	2,322.8	19,760.1
Alaska				
November 2016	W	W	W	W
October 2016	W	W	W	W
November 2015	W	W	W	W
Arizona				
November 2016	-	-	381.8	941.2
October 2016	-	-	383.1	1,178.1
November 2015	-	-	467.1	1,169.2
California				
November 2016	-	-	1,258.5	11,087.0
October 2016	-	-	1,117.7	11,231.4
November 2015	-	-	971.9	12,791.1
Hawaii				
November 2016	-	-	W	W
October 2016	-	-	W	W
November 2015	-	-	W	W
Nevada				
November 2016	W	-	138.7	353.1
October 2016	W	-	134.9	445.1
November 2015	W	-	14.9	449.1
Oregon				
November 2016	-	-	9.5	1,930.2
October 2016	-	-	7.2	1,911.6
November 2015	-	-	9.0	2,105.8
Washington				
November 2016	W	-	151.3	3,358.9
October 2016	W	-	169.6	3,481.8
November 2015	W	-	196.9	2,926.6

- = 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 2016 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		
United States								
November 2016	NA	707.4	3,097.9	6,511.0	3,511.1	7,218.4	-	W
October 2016	W	966.5	W	6,143.6	4,405.5	7,110.2	W	W
November 2015	W	1,165.0	W	6,840.5	4,403.1	8,005.5	-	W
PAD District 1								
November 2016	W	W	W	W	W	1,888.1	-	-
October 2016	W	W	W	W	W	2,091.4	-	-
November 2015	W	W	W	W	W	W	-	-
Subdistrict 1A								
November 2016	-	-	-	-	-	-	-	-
October 2016	-	-	-	-	-	-	-	-
November 2015	-	-	-	-	-	-	-	-
Subdistrict 1B								
November 2016	W	W	W	W	W	W	-	-
October 2016	W	W	W	W	W	W	-	-
November 2015	W	W	W	W	W	W	-	-
Subdistrict 1C								
November 2016	-	-	W	W	W	W	-	-
October 2016	-	-	W	W	W	W	-	-
November 2015	-	-	-	-	-	-	-	-
PAD District 2								
November 2016	-	-	-	W	-	W	-	W
October 2016	-	-	-	168.1	-	168.1	-	W
November 2015	-	-	-	80.7	-	80.7	-	W
PAD District 3								
November 2016	-	W	W	W	W	4,424.4	-	W
October 2016	-	W	W	W	W	3,977.7	-	W
November 2015	-	314.1	W	4,249.4	W	4,563.5	-	W
PAD District 4								
November 2016	-	W	-	W	-	W	-	-
October 2016	-	W	-	W	-	78.3	W	-
November 2015	-	NA	-	W	-	W	-	-
PAD District 5								
November 2016	W	W	W	W	2,558.9	763.2	-	-
October 2016	W	W	W	W	3,298.7	794.6	-	-
November 2015	W	W	W	W	2,973.0	1,228.7	-	-

- = 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 2016 are final.

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