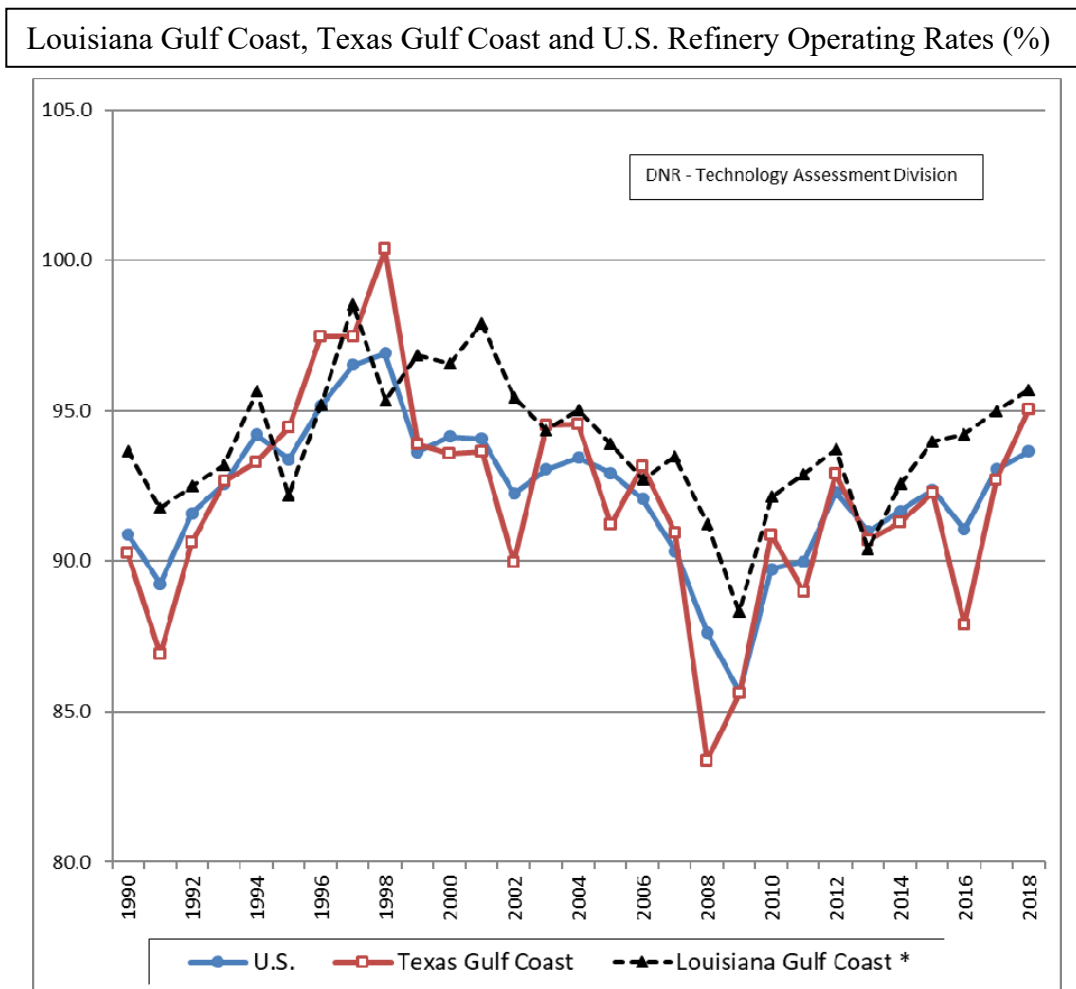


HIGHLIGHTS OF THE 23rd EDITION OF THE LOUISIANA CRUDE OIL REFINERY SURVEY REPORT

by
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The 23rd edition of the Department of Natural Resources (DNR) *Louisiana Crude Oil Refinery Survey Report* covers calendar year 2018. The 17 Louisiana refineries have a combined operating capacity of 3.51 million barrels per calendar day (MBCD), and the operating rate for that period was 95.7%. The total U.S. refinery-operating rate was 91.0% for the same period, with a combined operating capacity of 18,568 MBCD.

Louisiana's refinery capacity decreased 0.1 MBCD from our last report. Louisiana refineries combined throughput for the 12-month period was 1.07 billion barrels. Marathon Petroleum Co., LLC at Garyville has the most refining capacity in Louisiana and it is the third largest refinery in the U.S. Table 1 shows the Louisiana operating refinery capacity and throughput information and Table 2 lists the top six refinery products based on percent of total refinery production from DNR's last survey. Motor gasoline remains the largest share of refinery production in Louisiana at about 40% of the total. The figure below shows the Louisiana Gulf Coast, Texas Gulf Coast, and total U.S. refinery operating rates since 1991.



The full report will be available online in PDF format later this year on the Department of Natural Resources Technology Assessment Division website: http://www.dnr.louisiana.gov/assets/TAD/reports/refinery_survey/RefineryReport_2018.pdf

Table 1. Louisiana Operating Refinery Capacity and Throughput

Refinery	Operating capacity as of 12/31/2018 (bcd)	Operating Capacity Change ¹ (%)	Throughput 1/1/2018 - 12/31/2018 (Barrels)	Throughput Change ² (%)
Alon Refining, Krotz Springs	80,000	0.00%	21,341,528	-12.83%
Calcasieu Refining, Lake Charles	125,000	20.19%	30,096,060	-16.17%
Calumet Lubricants, Cotton Valley	13,020	0.00%	2,609,570	3.31%
Calumet Lubricants, Princeton	8,300	0.00%	2,340,686	-3.38%
Calumet Shreveport, Shreveport	57,000	0.00%	14,794,277	-1.24%
Chalmette Refining, Chalmette	190,000	0.00%	59,452,851	5.30%
Citgo Petroleum Corp, Lake Charles	418,000	-1.65%	145,557,024	8.78%
ExxonMobil Refining & Supply Co, Baton Rouge	502,500	0.00%	178,437,180	2.35%
Marathon Petroleum Co LLC, Garyville	556,000	2.39%	198,013,588	0.71%
Equilion Enterprises LLC, Convent	209,787	-7.82%	85,413,491	-1.30%
Equilion Enterprises LLC, Norco	218,200	-3.37%	83,743,498	-0.24%
Phillips 66, Belle Chasse	247,000	0.00%	65,453,007	-26.75%
Phillips 66, West Lake	260,000	0.00%	85,114,898	5.13%
Placid Refining Co, Port Allen	75,000	0.00%	27,152,073	5.73%
Valero Refining Co, Meraux	80,000	-36.00%	31,831,014	-25.67%
Valero Refining Co, Norco	125,000	-41.86%	41,124,448	-8.15%
Totals	3,164,807		1,072,475,193	

1. Change from end date (12/31/2017) of previous DNR report to end date (12/31/2018) of 2018 DNR report.

2. Change from previous DNR report throughput (2017) to DNR report throughput (2018).

Table 2. Top Products from LA Refineries by % of Product Slate

Product	Total Product Slate (%)
Motor gasoline	40.2
Diesel fuel	23.6
Jet fuel	7.0
Residual/Coke	3.2
Gas mixture	2.8
Lubricants	0.7