

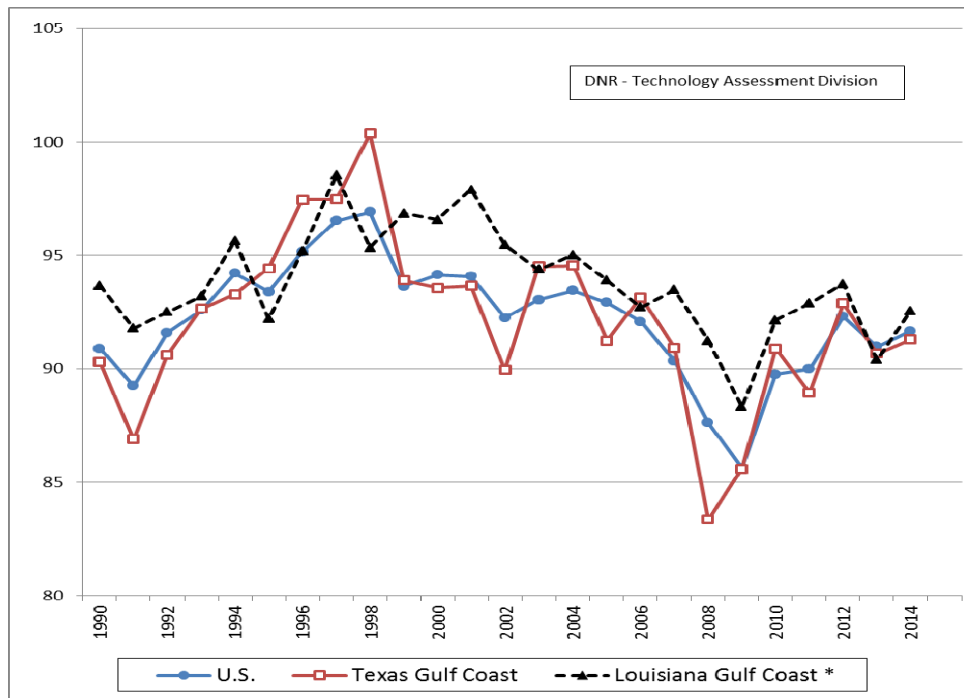
HIGHLIGHTS OF THE 20TH EDITION OF THE LOUISIANA CRUDE OIL REFINERY SURVEY REPORT

by
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The 20th edition of the Department of Natural Resources (DNR) *Louisiana Crude Oil Refinery Survey Report* covers calendar year 2014. The 16 Louisiana refineries have a combined operating capacity of 3,286 thousand barrels per calendar day (MBCD), and the operating rate was 86.2%. The total U.S. refinery-operating rate was 90.4% for the same period, with a combined operating capacity of 17,792 MBCD.

Louisiana refinery capacity shrank slightly from our last survey. The Louisiana refineries combined throughput for the 12-month period was 1,033,555 thousand 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 LA operating refinery capacity and throughput information and Table 2 lists the top six refinery products based on percent of total refinery production from the 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 1990.

Louisiana Gulf Coast, Texas Gulf Coast and U.S. Refinery Operating Rates (%)



Source: EIA, *Petroleum Supply Annual*, Vol. 1

Changes since our last survey: Shell Chemical Co. at St. Rose was moved from the operating list to the non-operating list.

The full report is available online in PDF format on the Department of Natural Resources Technology Assessment Division website: http://dnr.louisiana.gov/assets/TAD/reports/refinery_survey/refinsurvey_2014.pdf

Table 1. Louisiana Operating Refinery Capacity and Throughput

Refinery	Operating capacity as of 12/31/2014 (bcd)	Operating Capacity Change ¹ (%)	Throughput 1/1/2014 - 12/31/2014 (Barrels)	Throughput Change ² (%)
Alon Refining, Krotz Springs	80,000	0.00	23,683,293	8.54
Calcasieu Refining, Lake Charles	80,000	0.00	26,501,031	1.46
Calumet Lubricants, Cotton Valley	13,020	0.00	2,401,636	1.91
Calumet Lubricants, Princeton	8,300	0.00	2,422,497	18.17
Calumet Shreveport, Shreveport	65,000	0.00	12,286,505	-7.14
Chalmette Refining, Chalmette	192,500	-2.28	54,218,408	7.90
Citgo Petroleum Corp, Lake Charles	427,800	0.00	141,154,876	1.68
ExxonMobil Refining & Supply Co, Baton Rouge	502,500	0.00	179,469,037	6.14
Marathon Petroleum Co LLC, Garyville	522,000	0.00	189,709,075	5.64
Motiva Enterprises LLC, Convent	235,000	0.00	77,912,184	9.82
Motiva Enterprises LLC, Norco	238,000	1.93	65,936,322	-10.77
Phillips 66, Belle Chasse	247,000	-1.98	74,317,490	-7.61
Phillips 66, West Lake	260,000	8.60	88,793,544	9.40
Placid Refining Co, Port Allen	75,000	27.12	19,720,301	-7.61
Valero Refining Co, Meraux	125,000	-10.71	36,857,197	0.32
Valero Refining Co, Norco	215,000	-14.00	38,172,130	4.13
Totals	3,286,120		1,033,555,526	

1. Change from end date (1/31/2013) of previous DNR survey to end date (12/31/2014) of 2014 DNR survey.

2. Change from previous DNR survey throughput (2013) to DNR survey throughput (2014).

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

Product	Total Product Slate (%)
Motor gasoline	39.3
Diesel fuel	23.9
Jet fuel	7.4
Residual/Coke	3.6
Gas mixture	2.5
Lubricants	0.7