



2010–2011 Minerals Yearbook

LOUISIANA

THE MINERAL INDUSTRY OF LOUISIANA

In 2011, Louisiana's nonfuel mineral production¹ was valued at \$465 million, based upon annual U.S. Geological Survey (USGS) data. This was a \$7 million (1.6%) increase from the State's total nonfuel mineral value of \$458 million in 2010, which had decreased by \$15 million (3.2%), from a total of \$473 million in 2009. In 2011, Louisiana fell to 34th in rank from being 32d in 2010 among the 50 States in total nonfuel mineral production value. The State accounted for 0.62% percent of the U.S. total nonfuel mineral production value in 2011 and 0.83% in 2010. On a per capita basis, Louisiana ranked 34th in the Nation in 2011 with a value of \$102, somewhat below one-half of the national average of \$240.

Salt, with a production value of \$234 million in 2011, remained the State's leading mineral commodity by value for the third consecutive year (it tied with construction sand and gravel in 2008), accounting for more than 50% of the State's total nonfuel mineral value in 2011. The corresponding figure for 2010 was 43%. In 2011, construction sand and gravel had a production value of \$207 million and was the second leading mineral commodity by value in the State for the fourth consecutive year, accounting for 44.5% of the State's total

¹The terms "nonfuel mineral production" and related "values" encompass variations in meaning, depending upon the mineral products. Production may be measured by mine shipments, mineral commodity sales, or marketable production (including consumption by producers) as is applicable to the individual mineral commodity.

All USGS mineral production data published in this chapter are those available as of May 2013. Data in this report are rounded to three significant digits and percentages are calculated from unrounded data. All USGS Mineral Industry Surveys and USGS Minerals Yearbook chapters—mineral commodity, State, and country—can be retrieved over the Internet at <http://minerals.usgs.gov/minerals>.

mineral production value. In 2011, the production value of lime decreased 21.8% after being the only other mineral commodity produced in the State in 2010 to increase in production value, other than salt, up by 33% (actual value data withheld—company proprietary data). In 2011, production value of gypsum increased by 59% following a 27% decrease in 2010 (actual value data withheld—company proprietary data.). In 2011, common clay decreased in production value by 4.5% following a decline in value by 85.3% in 2010.

In 2011 and 2010, the State continued to lead the Nation in the production of salt among 16 producing States, accounting for 31.4% of the Nation's total salt in 2011 and 32.5% in 2010. It produced over 1.5 times the amount of salt generated in the second leading State, Texas, in both years. The State fell in rank to 13th from 12th in the production of construction sand and gravel in 2011, after rising in rank from 14th to 12th in 2010. The State declined to 15th in rank in 2011, in the production of crude gypsum, after ascending in rank to 12th in 2010, out of 16 States in both years. In 2011, the State fell in rank to 22d from 21st in the production of common clay. The State declined in rank for three consecutive years in the production of industrial sand and gravel, to 19th in 2011, 17th in 2010, and 14th in 2009, among 33 producing States.

The largest known use of construction sand and gravel in the State was in the production of concrete aggregate, including concrete sand, accounting for 16% of all construction sand and gravel produced in the State. Approximately 62% of all sand for use in concrete aggregate came from parishes east and north of the Mississippi River, from West Feliciana Parish to Washington and Saint Tammany Parishes.

TABLE 1
NONFUEL RAW MINERAL PRODUCTION IN LOUISIANA^{1,2}

(Thousand metric tons and thousand dollars)

Mineral	2009		2010		2011	
	Quantity	Value	Quantity	Value	Quantity	Value
Clays, common	353	9,120	151	1,340	144	1,280
Gemstones, natural	NA	7	NA	7	NA	7
Gypsum, crude	W	W	W	W	W	W
Lime	W	W	W	W	W	W
Salt	13,200	229,000	14,100	234,000	14,300	234,000
Sand and gravel:						
Construction	20,800 ^r	209,000 ^r	21,300	197,000	20,700	207,000
Industrial	682	25,900	629	25,600	550	23,700
Stone, crushed	W	W	W	W	W	W
Total	XX	473,000 ^r	XX	458,000	XX	465,000

NA Not available. W Withheld to avoid disclosing company proprietary data; excluded from "Total." XX Not applicable.

¹Production as measured by mine shipments, sales, or marketable production (including consumption by producers).

²Data are rounded to three significant digits; may not add to totals shown.

TABLE 2
LOUISIANA: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2010, BY USE¹

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate (including concrete sand) ²	3,310	\$30,800	\$9.31
Concrete products (blocks, bricks, pipe, decorative, etc.)	4	80	20.00
Asphaltic concrete aggregates and other bituminous mixtures	60	131	2.18
Road base and coverings	651	16,000	24.61
Fill	1,310	4,400	3.35
Other miscellaneous uses ³	95	980	10.32
Unspecified: ⁴			
Reported	3,200	28,400	8.88
Estimated	12,200	109,000	8.98
Total or average	21,300	197,000	9.14

¹Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.

²Includes plaster and gunite sands.

³Includes railroad ballast and golf course sand traps.

⁴Reported and estimated production without a breakdown by end use.

TABLE 3
LOUISIANA: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2011, BY USE¹

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate and concrete products ²	3,420	\$36,500	\$10.67
Road base and coverings	470	11,000	23.40
Fill	966	4,790	4.96
Other miscellaneous uses ³	93	2,320	24.95
Unspecified: ⁴			
Reported	3,150	31,100	9.87
Estimated	12,700	121,000	9.53
Total or average	20,700	207,000	10.00

¹Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.

²Includes plaster and gunite sands.

³Includes golf course sand traps and railroad ballast.

⁴Reported and estimated production without a breakdown by end use.

TABLE 4
LOUISIANA: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2010, BY USE AND DISTRICT¹

(Thousand metric tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate and concrete products ²	W	W	W	W	2,040	17,700
Asphaltic concrete aggregates and road base materials	--	--	W	W	W	W
Fill	W	W	W	W	33	70
Other miscellaneous uses ³	--	--	W	W	W	W
Unspecified: ⁴						
Reported	W	W	300	2,130	W	W
Estimated	182	1,640	4,550	40,800	7,460	67,000
Total ⁵	767	8,050	7,530	70,700	12,000	106,000
	Unspecified districts					
	Quantity	Value				
Concrete aggregate and concrete products. ²	--	--				
Asphaltic concrete aggregates and road base materials	--	--				
Fill	--	--				
Other miscellaneous uses ³	--	--				
Unspecified: ⁴						
Reported	573	5,200				
Estimated	--	--				
Total ⁵	573	5,200				

W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes plaster and gunite sands.

³Includes golf course sand traps.

⁴Reported and estimated production without a breakdown by end use.

⁵District totals may not add up to the published State total, owing to revisions made after the production of the table and (or) proprietary data being withheld.

TABLE 5
LOUISIANA: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2011, BY USE AND DISTRICT¹

(Thousand metric tons and thousand dollars)

Use	District 1		District 2		District 3	
	Quantity	Value	Quantity	Value	Quantity	Value
Concrete aggregate and concrete products ²	W	W	W	W	2,510	24,900
Asphaltic concrete aggregates and road base materials	W	W	W	W	6	10
Fill	61	227	473	3,260	431	1,300
Other miscellaneous uses ³	--	--	74	2,060	19	255
Unspecified: ⁴						
Reported	1	4	26	68	2,440	24,200
Estimated	172	1,720	4,280	37,400	8,200	81,900
Total	637	6,990	5,820	60,300	13,600	133,000
	Unspecified districts					
	Quantity	Value				
Concrete aggregate and concrete products ²	--	--				
Asphaltic concrete aggregates and road base materials	--	--				
Other miscellaneous uses ³	--	--				
Unspecified: ⁴						
Reported	687	6,810				
Estimated	--	--				
Total	687	6,810				

W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes plaster and gunite sands.

³Includes golf course and railroad ballast.

⁴Reported and estimated production without a breakdown by end use.