

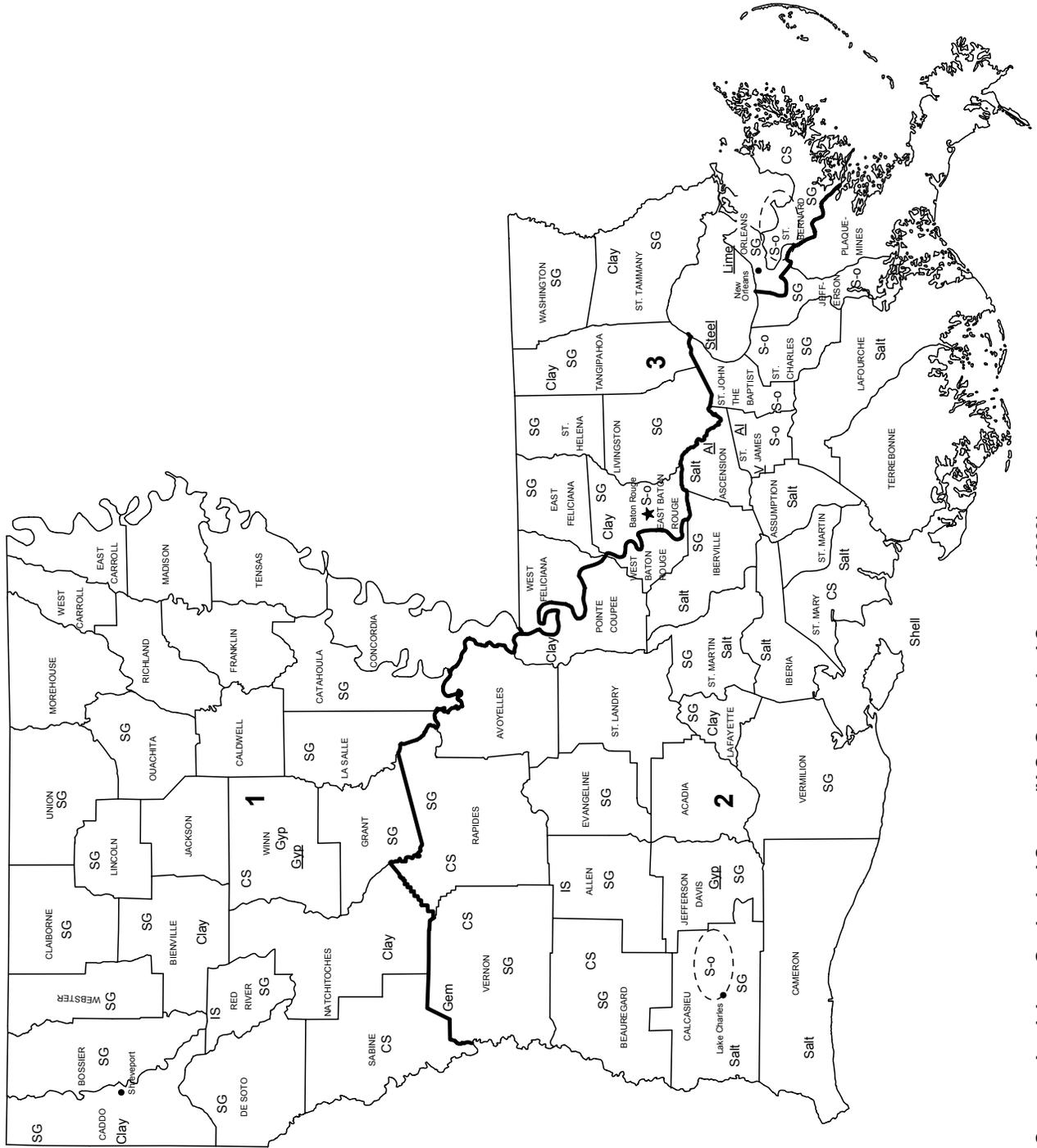
LOUISIANA

LEGEND

- Parish boundary
- ★ Capital
- City
- 1 — Crushed stone/sand and gravel districts

MINERAL SYMBOLS (Major producing areas)

- Al Aluminum plant
- Clay Common clay
- CS Crushed stone
- Gem Gemstones
- Gyp Gypsum
- Gyp Gypsum plant
- IS Industrial sand
- Lime Lime plant
- S-o Sulfur (oil)
- Salt Salt
- SG Construction sand and gravel
- Shell Shell
- Steel Steel plant
- Y Vanadium plant
- Concentration of mineral operations



Source: Louisiana Geological Survey/U.S. Geological Survey (2003)

THE MINERAL INDUSTRY OF LOUISIANA

This chapter has been prepared under a Memorandum of Understanding between the U.S. Geological Survey and the Louisiana Geological Survey for collecting information on all nonfuel minerals.

In 2003, the estimated value¹ of nonfuel mineral production for Louisiana was \$331 million, based upon preliminary U.S. Geological Survey (USGS) data. This was about a 6% increase from that of 2002² and followed a 1% increase from 2001 to 2002. The State was 34th in rank (35th in 2002) among the 50 States in total nonfuel mineral production value, of which Louisiana accounted for about 1% of the U.S. total.

Louisiana's leading nonfuel raw mineral, based on value, continued to be salt, accounting for about 41% of the State's nonfuel mineral value in 2003. This was followed by construction sand and gravel, making up about 32% of the State's value, crushed stone (data withheld to protect company proprietary data), industrial sand and gravel, representing about 4% of the same value, and lime. Based upon USGS estimates of the quantities produced in the 50 States during 2003, Louisiana remained the leading State in the Nation in the production of salt. Additionally, the State was a significant producer of construction sand and gravel, industrial sand and gravel, and common clays (descending order of value).

In 2002, increases in the production and value of crushed stone and in the value of construction sand and gravel (up nearly \$12 million) led Louisiana's rise in nonfuel mineral value (descending order of change). These increases were partly offset by a decrease in the production and value of salt (down \$10 million) and by smaller decreases in the production and values of gypsum and lime. All other changes had little effect on the overall net result.

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 2003 USGS mineral production data published in this chapter are preliminary estimates as of July 2004 and are expected to change. Construction sand and gravel and crushed stone estimates are updated periodically. To obtain the most current information, please contact the appropriate USGS mineral commodity specialist. Specialist contact information may be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals/contacts/comdir.html>; alternatively, specialists' names and telephone numbers may be obtained by calling USGS information at (703) 648-4000 or by calling the USGS Earth Science Information Center at 1-888-ASK-USGS (275-8747). All Mineral Industry Surveys—mineral commodity, State, and country—also may be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals>.

²Values, percentage calculations, and rankings for 2002 may differ from the Minerals Yearbook, Area Reports: Domestic 2002, Volume II, owing to the revision of preliminary 2002 to final 2002 data. Data for 2003 are preliminary and are expected to change; related rankings also may change.

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

(Thousand metric tons and thousand dollars)

Mineral	2001		2002		2003 ^P	
	Quantity	Value	Quantity	Value	Quantity	Value
Clays, common	663	1,670	667	1,680	667	1,680
Gemstones	NA	6	NA	6	NA	6
Salt	13,100	139,000	12,000	129,000	12,100	135,000
Sand and gravel:						
Construction	18,100	85,100	17,900	96,800	19,700	107,000
Industrial	637	11,900	541	12,000	529	11,800
Combined values of gypsum (crude), lime, stone (crushed limestone, sandstone, miscellaneous)	XX	71,200	XX	72,400	XX	74,800
Total	XX	309,000	XX	312,000	XX	331,000

^PPreliminary. NA Not available. 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: CRUSHED STONE SOLD OR USED, BY KIND¹

Kind	2001				2002			
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value
Limestone	(2)	W	W	\$8.20 ²	(2)	W	W	\$10.85
Sandstone	(2)	W	W	11.14	(2)	W	W	11.23
Miscellaneous stone	(2)	W	W	10.96	(2)	W	W	11.02
Total or average	XX	W	W	10.48 ²	XX	W	W	11.06

¹Revised. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

²A significant amount of sold or used materials was shipped in from other States.

²Sales/distribution yards.

TABLE 3

LOUISIANA: CRUSHED STONE SOLD OR USED BY PRODUCERS IN 2002, BY USE^{1, 2, 3}

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Construction:			
Coarse aggregate (+1 1/2 inch), other coarse aggregates	W	W	\$14.27
Coarse aggregate, graded:			
Other graded coarse aggregates	W	W	13.15
Fine aggregate (-3/8 inch), other fine aggregates	W	W	13.30
Coarse and fine aggregates, other coarse and fine aggregates	W	W	11.42
Other construction materials	36	\$370	10.28
Unspecified⁴			
Reported	3,560	37,800	10.63
Estimated	230	2,300	9.84
Total or average	W	W	11.06

W Withheld to avoid disclosing company proprietary data.

¹Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.²Most of the production included in this table was shipped into Louisiana from other States.³To avoid disclosing company proprietary data, no crushed stone district table was produced for 2002.⁴Reported and estimated production without a breakdown by end use.

TABLE 4
LOUISIANA: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2002,
BY MAJOR USE CATEGORY¹

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate and concrete product ²	7,230	\$38,300	\$5.29
Asphaltic concrete aggregates and other bituminous mixtures	513	2,130	4.14
Road base and coverings	907	13,000	14.35
Fill	1,100	2,500	2.28
Other miscellaneous uses ³	204	3,610	17.68
Unspecified ⁴			
Reported	4,290	22,900	5.34
Estimated	3,700	14,000	3.91
Total or average	17,900	96,800	5.40

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 snow and ice control and railroad ballast.

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

TABLE 5

LOUISIANA: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2002, 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 product ²	839	6,970	825	5,770	5,570	25,500
Snow and ice control	--	--	--	--	73	2,580
Other miscellaneous uses ³	266	682	1,720	11,400	660	6,560
Unspecified ⁴						
Reported	7	33	2,530	13,800	1,690	8,960
Estimated	200	970	1,700	4,800	1,800	8,700
Total	1,310	8,660	6,780	35,800	9,770	52,300
	Unspecified districts					
Use	Quantity	Value				
Concrete aggregate and concrete product ²	--	--				
Snow and ice control	--	--				
Other miscellaneous uses ³	--	--				
Unspecified ⁴	--	--				
Reported	66	109				
Estimated	--	--				
Total	66	109				

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.²Includes plaster and gunite sands.³Includes asphaltic concrete aggregates, road base materials, fill, and railroad ballast .⁴Reported and estimated production without a breakdown by end use.