



2008 Minerals Yearbook

RHODE ISLAND

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THE MINERAL INDUSTRY OF RHODE ISLAND

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

In 2008, Rhode Island's nonfuel raw mineral production¹ was valued at \$51.2 million, based upon annual U.S. Geological Survey data. This was a \$1.2 million, or 2.3%, decrease from the State's total nonfuel mineral value for 2007, \$52.4 million, which was up by \$5.4 million, or more than 11%, from \$47 million in 2006. [Because data for industrial sand and gravel have been withheld (company proprietary data), the State's actual total nonfuel mineral values for 2006–08 are higher than those reported in table 1.]

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 2008 USGS mineral production data published in this chapter are those available as of July 2010. All USGS Mineral Industry Surveys and USGS Minerals Yearbook chapters—mineral commodity, State, and country—can be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals>.

Construction sand and gravel and crushed stone accounted for 64% and 35%, respectively, of Rhode Island's mineral industry in 2008 that may be publically disclosed. Almost 56% of all construction sand and gravel produced in the State was used as asphaltic concrete aggregates and road base materials. This is the largest reported major use category by value and accounts for almost 26% of the State's publishable nonfuel mineral production value. The next largest reported major use category by value for construction sand and gravel was for concrete aggregates and concrete products, accounting for nearly 25% of the State's publishable nonfuel mineral production value. Additional data for crushed stone and construction sand and gravel are subdivided in tables 2, 3, and 4.

In 2008, construction sand and gravel countered the State's total decrease in production value with a \$1.8 million, or 5.9%, increase in production value, in spite of an almost 14% decline in the quantity produced; however, both the production and the production value of crushed stone decreased, 16% and 14%, respectively. Gemstones, the value of which was estimated, continued to be mined in the State by hobbyists only.

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

(Thousand metric tons and thousand dollars)

Mineral	2006		2007		2008	
	Quantity	Value	Quantity	Value	Quantity	Value
Gemstones, natural	NA	1	NA	1	NA	1
Sand and gravel:						
Construction	2,430	25,800	2,410	31,200	2,080	33,000
Industrial	W	W	W	W	W	W
Stone, crushed	2,570	21,300	2,240	21,200	1,880	18,200
Total	XX	47,000	XX	52,400 ^r	XX	51,200

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 no more than three significant digits; may not add to totals shown.

TABLE 2
RHODE ISLAND: CRUSHED STONE SOLD OR USED, BY TYPE¹

Type	2007			2008		
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Number of quarries	Quantity (thousand metric tons)	Value (thousands)
Granite	-- ^r	-- ^r	-- ^r	--	--	--
Miscellaneous stone	8 ^r	2,240	\$21,200	7	1,880	\$18,200

^rRevised. XX Not applicable. -- Zero.

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

TABLE 3
RHODE ISLAND: CRUSHED STONE SOLD OR USED BY PRODUCERS IN 2008, BY USE¹

(Thousand metric tons and thousand dollars)

Use	Quantity	Value
Construction, other	W	W
Agricultural, limestone	W	W
Unspecified, estimated ²	1,200	11,000
Total	1,880	18,200

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

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

²Reported and estimated production without a breakdown by end use.

TABLE 4
RHODE ISLAND: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2008,
BY MAJOR USE CATEGORY¹

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate and concrete products ²	321	\$5,490	\$17.11
Asphaltic concrete aggregates and road base materials	718	8,100	11.27
Fill	138	1,250	9.02
Snow and ice control	26	770	29.62
Other miscellaneous uses	68	4,500	66.18
Unspecified: ³			
Reported	1	20	20.00
Estimated	806	12,900	15.98
Total or average	2,080	33,000	15.87

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

²Includes plaster and gunite sands.

³Estimated production without a breakdown by end use.