

THE MINERAL INDUSTRY OF RHODE ISLAND

This chapter has been prepared under a Memorandum of Understanding between the U.S. Bureau of Mines, U.S. Department of the Interior, and the Rhode Island Department of Environmental Management for collecting information on all nonfuel minerals.

In 1995, Rhode Island ranked 48th among the 50 States in total nonfuel mineral production value,¹ according to the U.S. Geological Survey (USGS). The estimated value for 1995 was \$30 million, a 12% increase from that of 1994. This followed a 14% increase from 1993 to 1994 (based on final data). The State accounted for about one-tenth of 1% of the total U.S. nonfuel mineral production value. The increase in value of construction sand and gravel, the State's leading mineral commodity, accounted for all of Rhode Island's gain in nonfuel mineral value in 1995. Crushed stone was responsible for most of the increase in 1994. Production of industrial sand and gravel

was reported, but data have been withheld from table 1 to protect company proprietary data.

¹The terms "nonfuel mineral production" and related "values" encompass variations in meaning, depending on the minerals or 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 1995 USGS mineral production data published in this chapter are estimated as of Dec. 1995. Estimates for construction sand and gravel and crushed stone are periodically updated. To obtain the most current information, please contact the appropriate USGS mineral commodity specialist. Call MINES FaxBack at (703) 648-4999 from a fax machine with a touch-tone handset and request Document No. 1000 for a telephone listing of all mineral commodity specialists or call USGS information at (703) 648-4000 for the specialist's name and number.

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

Mineral	1993		1994		1995 ^p	
	Quantity	Value (thousands)	Quantity	Value (thousands)	Quantity	Value (thousands)
Gemstones	NA	\$1	NA	\$1	NA	\$1
Sand and gravel (construction) thousand metric tons	² 2,500	² 13,900	2,310	14,200	2,900	18,100
Stone (crushed) do.	1,290	9,250	1,610	12,200	1,500	11,400
Total ³	XX	23,200	XX	26,300	XX	29,500

^aEstimated. ^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.

³Partial total, excludes values which must be concealed to avoid disclosing company proprietary data.

TABLE 2
RHODE ISLAND: CRUSHED STONE¹ SOLD OR USED BY PRODUCERS IN 1994, BY USE²

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Coarse and fine aggregates: Crusher run or fill or waste ³	4	\$50	\$12.50
Agricultural: Agricultural limestone	9	101	11.20
Other specified uses not listed	3	30	10.00
Unspecified: ⁴			
Actual	730	6,130	8.40
Estimated	862	5,870	6.81
Total	1,610	12,200	7.58

¹Includes granite, limestone, and traprock.

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

³Includes filter stone and graded road base or subbase.

⁴Includes production reported without a breakdown by end use and estimates for nonrespondents.

TABLE 3
RHODE ISLAND: CRUSHED STONE SOLD OR USED, BY KIND¹

Kind	1993				1994			
	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	\$8.06	2	W	W	\$8.46
Granite	3	572	\$3,460	6.05	3	568	\$3,450	6.07
Traprock	2	W	W	8.04	2	W	W	8.27
Total	XX	1,290	9,250	7.17	XX	1,610	12,200	7.58

¹Revised. W Withheld to avoid disclosing company proprietary data; included with "Total." XX Not applicable.

¹Data are rounded to three significant digits.

TABLE 4
RHODE ISLAND: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 1994, BY MAJOR USE CATEGORY¹

Use	Quantity (thousand metric tons)	Value (thousands)	Value per ton
Concrete aggregate (including concrete sand)	613	\$4,210	\$6.87
Plaster and gunitite sands	12	90	7.50
Asphaltic concrete aggregates and other bituminous mixtures	386	3,000	7.78
Road base and coverings	29	189	6.52
Fill	70	198	2.83
Snow and ice control	9	97	10.80
Railroad ballast	(²)	(²)	16.00
Unspecified: ³			
Actual	(²)	(²)	3.05
Estimated	950	5,630	5.93
Total or average	2,310	14,200	6.14

¹Data are rounded to three significant digits; may not add to totals shown.

²Withheld to avoid disclosing company proprietary data; included in "Total."

³Includes production reported without a breakdown by end use and estimates for nonrespondents.



U. S. Geological Survey Minerals Information

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