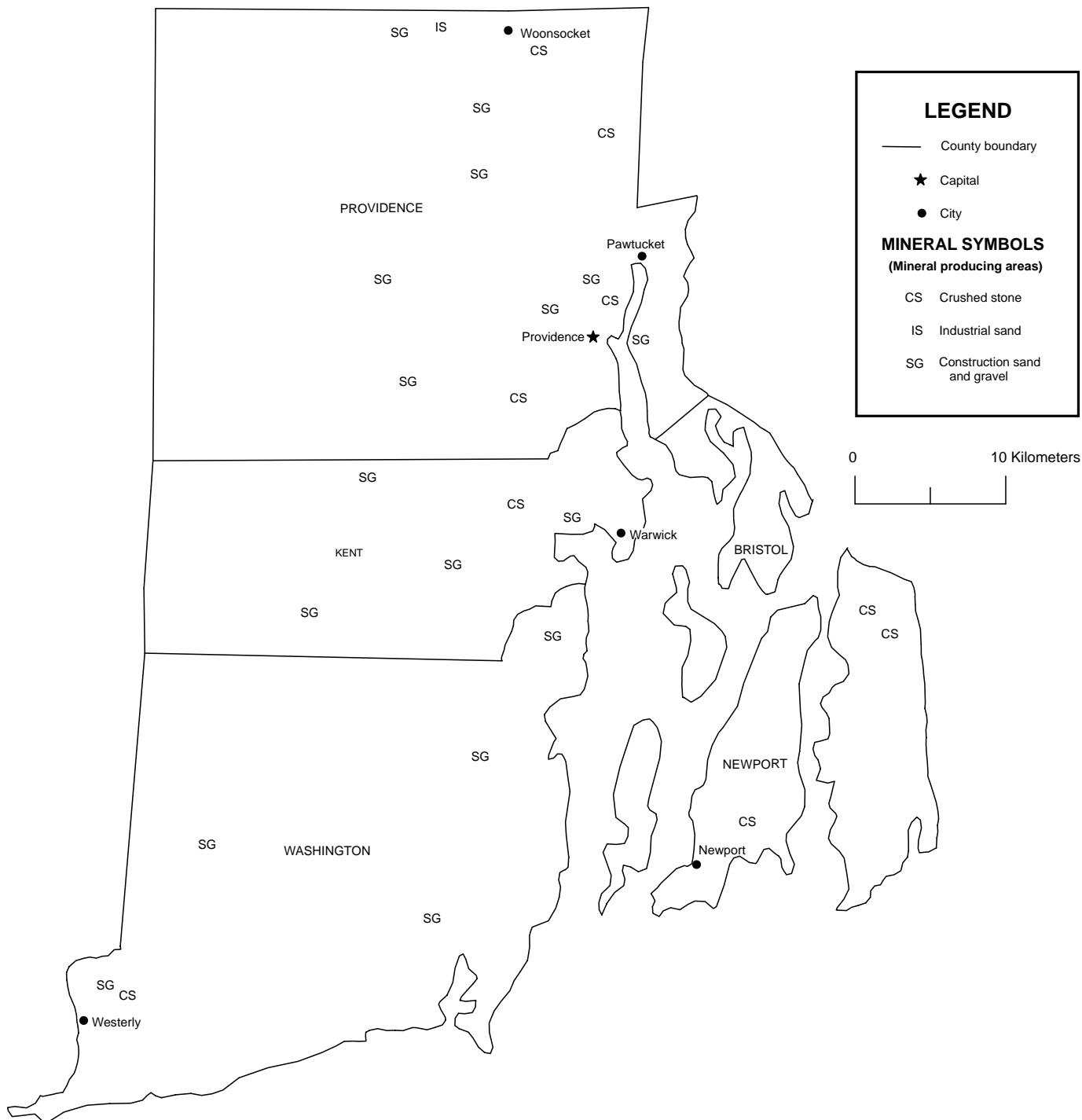




2005 Minerals Yearbook

RHODE ISLAND

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THE MINERAL INDUSTRY OF RHODE ISLAND

In 2005, Rhode Island's nonfuel raw mineral production was valued¹ at \$35.4 million, based upon annual U.S. Geological Survey data. This was an increase of 2.9% from the State's total nonfuel mineral value for 2004, which was up about 8.5% from 2003. (The data for industrial sand and gravel and crushed

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 2005 USGS mineral production data published in this chapter are those available as of December 2006. 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>.

limestone are withheld in table 1 (company proprietary data); the actual total values for 2003-05 are higher than those reported in that table.)

Most of Rhode Island's nonfuel mineral production resulted from the mining and production of two basic construction materials—construction sand and gravel and crushed stone. In 2005, these two mineral commodities accounted for about 65% and 35%, respectively, of that portion of the States' nonfuel mineral economy that may be publicly disclosed. Data for crushed granite and crushed traprock are included in tables 1-3.

In 2005, with a slight increase in production, construction sand and gravel rose by \$1 million and accounted for all of Rhode Island's increase in nonfuel mineral production value from 2004. Crushed stone production and value remained at 2004 levels. Although industrial sand and gravel production rose more than 25%, its mineral commodity value was unchanged. Gemstones, the value of which was estimated, continued only to be mined in the State by hobbyists.

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

(Thousand metric tons and thousand dollars unless otherwise specified)

Mineral	2003		2004		2005	
	Quantity	Value	Quantity	Value	Quantity	Value
Gemstones	NA	1	NA	1	NA	1
Sand and gravel:						
Construction	2,450	21,000	2,490	22,000	2,510	23,000
Industrial	W	(3)	W	(3)	W	(3)
Stone, crushed	1,340	10,700	1,600 ⁴	12,400 ⁴	1,610 ⁴	12,400 ⁴
Total	XX	31,700	XX	34,400	XX	35,400

NA Not available. W Withheld to avoid disclosing company proprietary data. 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.

³Value withheld to avoid disclosing company proprietary data.

⁴Excludes certain stones; value withheld to avoid disclosing company proprietary data.

TABLE 2
RHODE ISLAND: CRUSHED STONE SOLD OR USED, BY KIND¹

Kind	2004			2005		
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Number of quarries	Quantity (thousand metric tons)	Value (thousands)
Limestone	1	W	W	1	W	W
Granite	3	503	\$4,330	3	455	\$3,930
Traprock	3	1,090	8,030	3	1,150	8,510
Total	XX	1,600	12,400	XX	1,610	12,400

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

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 2005, BY USE¹

(Thousand metric tons and thousand dollars)

Use	Quantity	Value
Unspecified: ²		
Reported	819	6,670
Estimated	789	5,800
Total	1,610	12,400

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 2005,
BY MAJOR USE CATEGORY¹

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate and concrete products	1,020	\$9,870	\$9.69
Asphaltic concrete aggregates and road base materials	250	2,190	8.77
Fill	246	1,890	7.69
Snow and ice control	97	1,020	10.48
Unspecified: ²			
Reported	204	1,800	8.81
Estimated	689	6,190	8.98
Total or average	2,510	23,000	9.16

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

²Estimated production without a breakdown by end use.