

THE MINERAL INDUSTRY OF NEW HAMPSHIRE

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 New Hampshire Department of Environmental Services for collecting information on all nonfuel minerals

In 1996, New Hampshire ranked 47th among the 50 States in total nonfuel mineral production value,¹ according to the U.S. Geological Survey (USGS). The estimated value for 1996 was \$44 million. The dollar value totals for 1994-96, as shown in table 1, are artificially low because data have been withheld to avoid disclosing company proprietary data. New Hampshire's ranking, however, was not affected by the withholding of data during this time period. Construction sand and gravel, a high-volume, low-value mineral commodity, was New Hampshire's leading nonfuel mineral commodity, accounting for about two-thirds of the State's nonfuel mineral production value. Crushed stone was the State's second leading nonfuel mineral. The major portion of the 1996 decrease in the State's nonfuel mineral value resulted from a 14% drop in construction sand and gravel.

Crushed stone and dimension stone values also decreased, though by smaller amounts.

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 1996 USGS mineral production data published in this chapter are estimates as of February 1997. 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. Call MINES FaxBack at (703) 648-4999 from a fax machine with a touch-tone handset, and request Document # 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. This telephone listing may also be retrieved over the Internet at <http://minerals.er.usgs.gov/minerals/contacts/comdir.html>

TABLE 1
NONFUEL RAW MINERAL PRODUCTION IN NEW HAMPSHIRE 1/ 2/

(Thousand metric tons and thousand dollars unless otherwise specified)

Mineral	1994		1995		1996 p/	
	Quantity	Value	Quantity	Value	Quantity	Value
Clays	3	16	3	16	3	16
Gemstones	NA	21	NA	9	NA	W
Sand and gravel (construction)	7,120	32,600	7,190	34,300	6,300	29,600
Stone:						
Crushed 3/	1,390	7,470	2,150	9,150	2,000	8,700
Dimension metric tons	35,300	6,300	23,000	6,290	30,000	5,530
Total 4/	XX	46,400	XX	49,800	XX	43,900

p/ Preliminary. NA Not available. W Withheld to avoid disclosing company proprietary data; not included in "Total." XX Not applicable.

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

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

3/ Excludes certain stones, values which must be concealed to avoid disclosing company proprietary data.

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

TABLE 2
NEW HAMPSHIRE: CRUSHED STONE 1/ SOLD OR USED BY PRODUCERS
IN 1995, BY USE 2/

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Coarse aggregates: Other construction materials 3/	686	\$5,320	\$7.75
Unspecified: 4/			
Actual	537	1,450	2.69
Estimated	927	2,390	2.57
Total	2,150	9,150	4.25

1/ Includes granite and traprock; excludes limestone from State total to avoid disclosing company proprietary data.

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

3/ Includes bituminous aggregate (coarse), graded road base or subbase, macadam, railroad ballast, riprap and jetty stone, stone sand (bituminous mix or seal), stone sand (concrete), and unpaved road surfacing.

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

TABLE 3
NEW HAMPSHIRE: CRUSHED STONE SOLD OR USED, BY KIND 1/

Kind	1994 2/				1995 2/			
	Number of quarries	Quantity r/ (thousand metric tons)	Value (thousands)	Unit value	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value
Granite	7 r/	791	\$3,010 r/	\$3.81 r/	3	974	\$3,510	\$3.60
Traprock	4 r/	595	4,460 r/	7.50 r/	7	1180	5,640	4.79
Total	XX	1,390	7,470	5.39	XX	2,150	9,150	4.25

r/ Revised. XX Not applicable.

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

2/ Excludes limestone from State total to avoid disclosing company proprietary data.

TABLE 4
NEW HAMPSHIRE: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 1995,
BY MAJOR USE CATEGORY 1/

Use	Quantity (thousand metric tons)	Value (thousands)	Value per ton
Concrete aggregate and concrete products 2/	877	\$7,860	\$8.96
Asphaltic concrete aggregates and other bituminous mixtures	277	1,690	6.09
Road base and coverings	707	3,720	5.26
Fill	751	1,890	2.51
Snow and ice control	162	903	5.57
Railroad ballast	73	451	6.18
Other 3/	526	2,200	4.18
Unspecified: 4/			
Actual	1,470	4,510	3.08
Estimated	2,350	11,100	4.72
Total or average	7,190	34,300	4.77

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

2/ Includes plaster and gunite sands.

3/ Includes filtration.

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