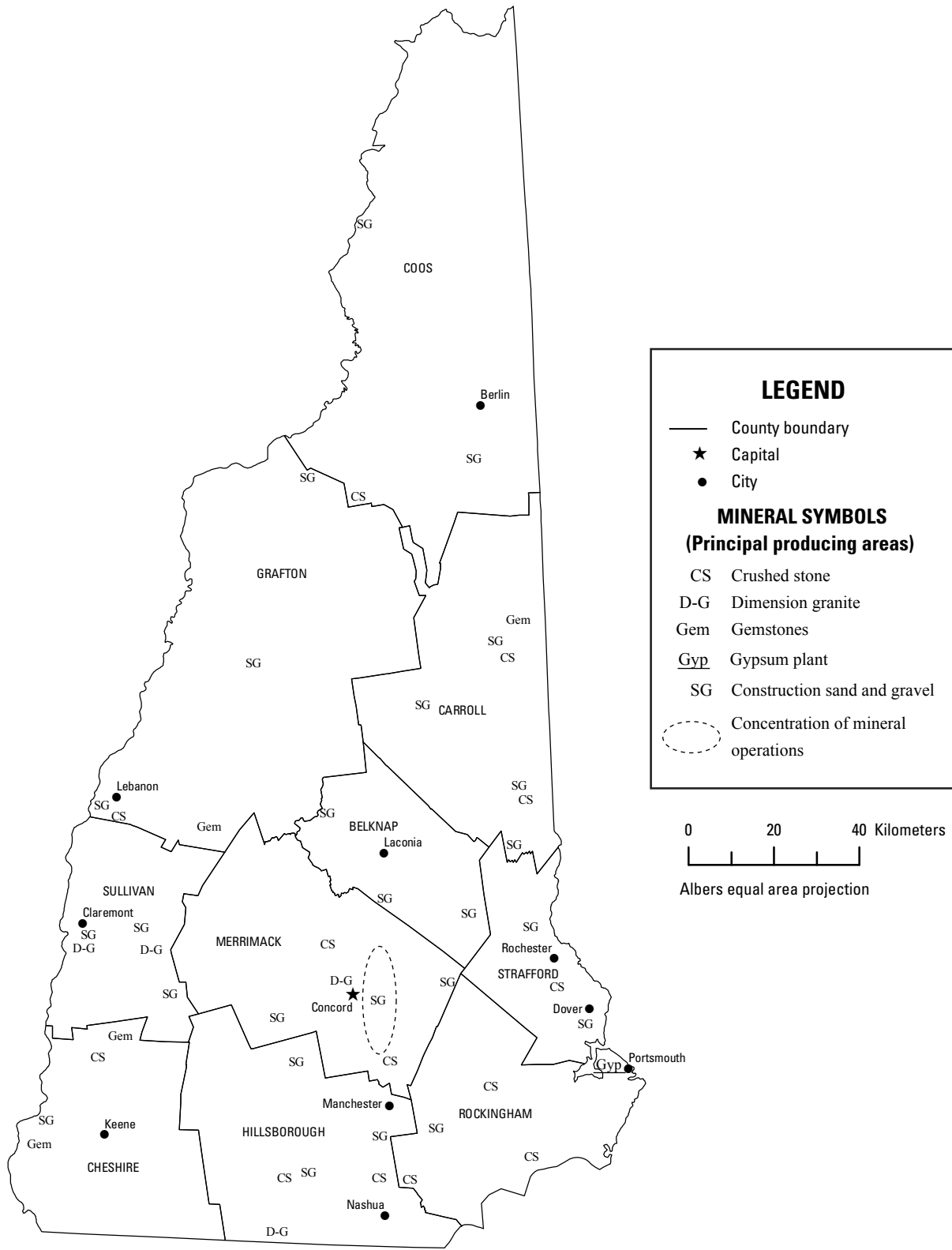




2009 Minerals Yearbook

NEW HAMPSHIRE

NEW HAMPSHIRE



Source: New Hampshire Geological Survey/U.S. Geological Survey (2009).

THE MINERAL INDUSTRY OF NEW HAMPSHIRE

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

In 2009, New Hampshire's nonfuel raw mineral production¹ was valued at \$108 million, based upon annual U.S. Geological Survey (USGS) data. This was a \$1 million, or 0.9%, increase from the State's total of \$107 million in 2008, which was down by \$17 million, or 13%, from the State's total value of \$124 million in 2007. New Hampshire remained 47th in rank among the 50 States in total raw nonfuel mineral production value.

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 2009 USGS mineral production data published in this chapter are those available as of September 2011. 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 production value was New Hampshire's leading nonfuel mineral commodity in 2009, accounting for 51% of the State's total nonfuel mineral industry. The value of construction sand and gravel increased by \$4.4 million, or 8.6%, despite an almost 15% decline in the quantity produced. The second leading mineral commodity in New Hampshire was crushed stone, comprising almost 44% of the State's total value. Crushed stone production value fell by \$3.9 million, or 7.6%, with a 9.5% decline in production quantity. The production value of dimension granite decreased slightly from 2008 values, declining by 0.4%, which had followed a 12% decline from 2007 values. In 2009, New Hampshire continued to be a significant producer of dimension stone, increasing to 11th from 13th in 2008 among the 37 dimension stone-producing States.

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

(Thousand metric tons and thousand dollars)

Mineral	2007		2008		2009	
	Quantity	Value	Quantity	Value	Quantity	Value
Gemstones, natural	NA	6	NA	7	NA	7
Sand and gravel, construction	8,150 ^r	50,300 ^r	8,150 ^r	51,200 ^r	6,930	55,600
Stone:						
Crushed	6,550	67,800	5,170	50,900	4,680	47,000
Dimension, granite	37	5,570	34	4,900	35	4,880
Total	XX	124,000 ^r	XX	107,000 ^r	XX	108,000

^rRevised. NA Not available. 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
NEW HAMPSHIRE: CRUSHED STONE SOLD OR USED, BY TYPE¹

Type	2008			2009		
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Number of quarries	Quantity (thousand metric tons)	Value (thousands)
Granite	11	1,860	\$18,500	13	2,720	\$27,000
Traprock	10	2,950	28,700	8	1,600	16,700
Sandstone and quartzite	2	242	2,380	2	181	1,820
Miscellaneous stone	3	125	1,230	3	183	1,580
Total	XX	5,170	50,900	XX	4,680	47,000

XX Not applicable.

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

TABLE 3
NEW HAMPSHIRE: CRUSHED STONE SOLD OR USED BY
PRODUCERS IN 2009, BY USE¹

(Thousand metric tons and thousand dollars)

Use	Quantity	Value
Construction:		
Coarse aggregate (+1½ inch):		
Riprap and jetty stone	50	586
Filter stone	W	W
Coarse aggregate graded:		
Concrete aggregate, coarse	W	W
Bituminous aggregate, coarse	389	3,750
Bituminous surface-treatment aggregate	W	W
Fine aggregate (-¾ inch):		
Stone sand, concrete	155	1,420
Stone sand, bituminous mix or seal	342	4,530
Screening, undesignated	W	W
Other fine aggregate	1	11
Coarse and fine aggregates:		
Graded road base or subbase	284	2,120
Unpaved road surfacing	W	W
Terrazzo and exposed aggregate	W	W
Crusher run or fill or waste	264	1,940
Other construction materials	18	192
Unspecified: ²		
Reported	1,620	16,200
Estimated	906	9,110
Total	4,680	47,000

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
NEW HAMPSHIRE: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2009,
BY MAJOR USE CATEGORY¹

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate (including concrete sand)	284	\$3,170	\$11.16
Asphaltic concrete aggregates and other bituminous mixtures	526	5,160	9.80
Road base and coverings ²	1,380	10,600	7.71
Fill	468	1,870	4.00
Snow and ice control	60	464	7.73
Golf course	17	190	11.18
Other miscellaneous uses ³	122	1,170	9.55
Unspecified: ⁴			
Reported	228	1,670	7.32
Estimated	3,850	31,300	8.13
Total or average	6,930	55,600	8.02

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

²Includes road and other stabilization (cement and lime).

³Includes filtration.

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