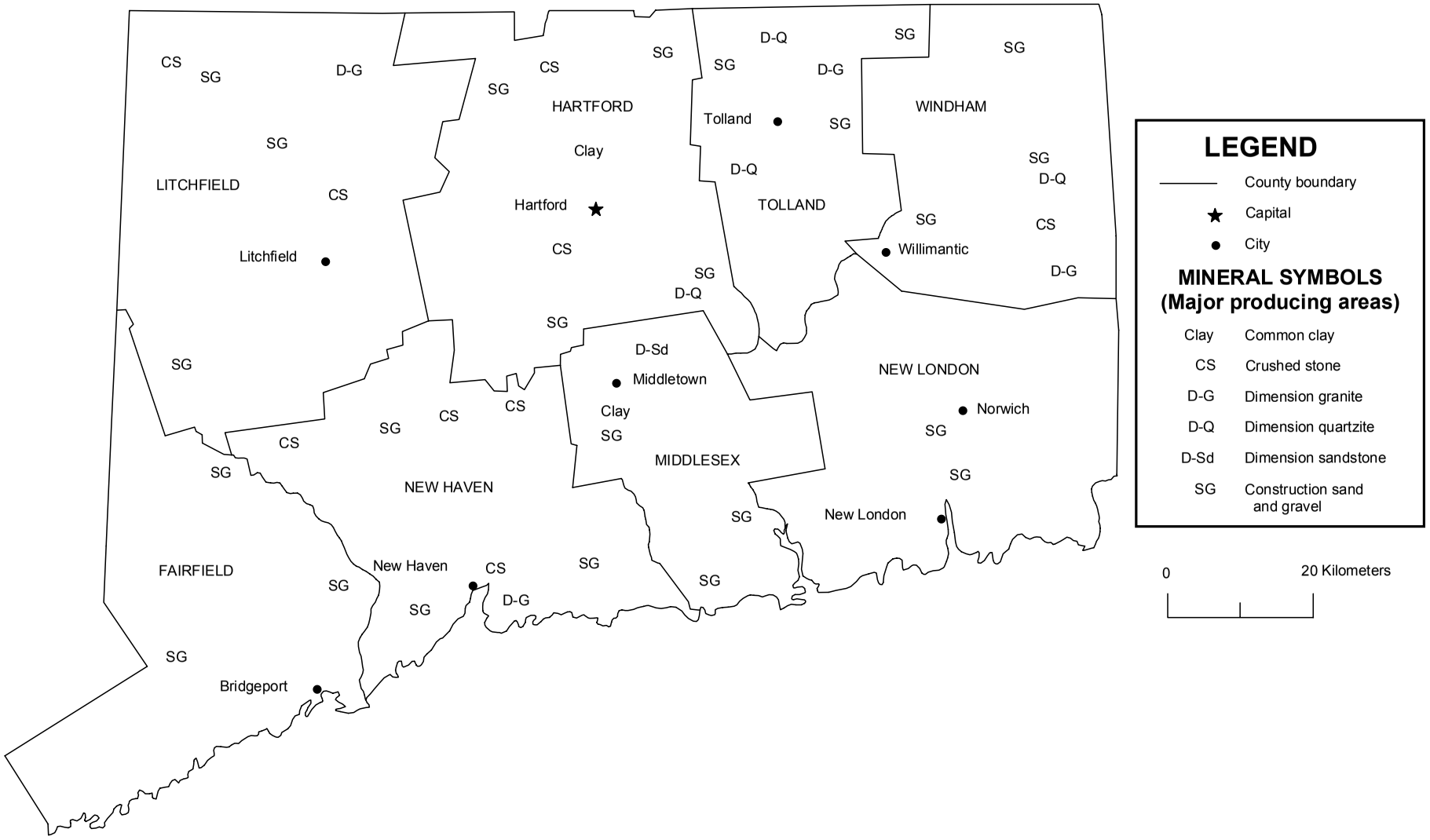
CONNECTICUT



Source: Connecticut Geological and Natural History Survey/U.S. Geological Survey (2002)

THE MINERAL INDUSTRY OF CONNECTICUT

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

In 2002, the estimated value[1] of nonfuel mineral production for Connecticut was nearly $142 million, based upon preliminary U.S. Geological Survey (USGS) data. This was an increase of about 11% from that of 2001[2] and followed an 13% increase from 2000 to 2001. Because data for dimension stone (quartzite) were withheld to protect company proprietary data, the actual total values for 2000-2002 are higher than those reported in table 1.

Crushed stone and construction sand and gravel, the leading nonfuel mineral commodities by value, accounted for nearly all of the State's total nonfuel mineral production and value. In 2002, Connecticut's increase in value mostly resulted from an about 8% increase in crushed stone production, leading to a nearly $9 million rise in its value and a 10% increase in the production of construction sand and gravel, corresponding with a $5 million rise in value (table 1).

In 2001, Connecticut's increase in value mostly resulted from a nearly 28% increase in the production of crushed stone, for a rise in value of about $18 million. Construction sand and gravel production and value decreased slightly, and the values of dimension stone, common clays, and gemstones were unchanged from those of 2000 (descending order of value).

[1]The terms "nofuel mineral production" and related "values" encompass variations in meaning, depending upon the minerals or mineral products. Produciton 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 2002 USGS mineral production data published in this chapter are preliminary estimates as of July 2003 and are expected to change. 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. Specialist contact information may be retrieved over the Internet at URL http://minerals.usgs.gov/ minerals/contacts/comdir.html; alternatively, specialists' names and telephone numbers may be obtained by calling USGS information at (703) 648-4000 or by calling the USGS Earth Science Information Center at 1-888-ASK-USGS (275-8747). All Mineral Industry Surveys—mineral commodity, State, and country—also may be retrieved over the Internet at URL http://minerals.usgs.gov/minerals.

[2]Values, percentage calculations, and rankings for 2001 may differ from the Minerals Yearbook, Area Reports: Domestic 2001, Volume II, owing to the revision of preliminary 2001 to final 2001 data. Data for 2002 are preliminary and are expected to change; related rankings may also change.

TABLE 1
NONFUEL RAW MINERAL PRODUCTION IN CONNECTICUT[1, 2]

(Thousand metric tons and thousand dollars unless otherwise specified)

Mineral		2000		2001		2002[p]	
		Quantity	Value	Quantity	Value	Quantity	Value
Clays, common		55	183	55 [e]	183 [e]	55 [e]	183 [e]
Gemstones		NA	6	NA	6	NA	6
Sand and gravel, construction		8,010	46,900	7,670	44,700	8,400	50,000
Stone:							
Crushed		7,740	65,300	9,870	83,200	10,700	92,000
Dimension	metric tons	W	(3)	W	(3)	W	(3)
Total		XX	112,000	XX	128,000	XX	142,000

[e]Estimated. [p]Preliminary. NA Not available. W Withheld to avoid disclosing company proprietary data. XX Not applicable.
[1]Production as measured by mine shipments, sales, or marketable production (including consumption by producers).
[2]Data are rounded to no more than three significant digits; may not add to totals shown.
[3]Value excluded to avoid disclosing company proprietary data.

TABLE 2
CONNECTICUT: CRUSHED STONE SOLD OR USED, BY KIND[1]

Kind	2000 Number of quarries	2000 Quantity (thousand metric tons)	2000 Value (thousands)	2000 Unit value	2001 Number of quarries	2001 Quantity (thousand metric tons)	2001 Value Value (thousands)	2001 Unit value
Limestone	5	1,060	$8,450	$7.94	5	1,100	$8,960	$8.16
Dolomite	1	W	W	23.90	1	W	W	26.66
Granite	5	324	2,460	7.60	5	498	3,950	7.93
Traprock	9	5,810	41,400	7.13	9	7,770	56,900	7.33
Miscellaneous stone	1	W	W	3.58 r	1	W	W	3.75
Total or average	XX	7,740	65,300	8.44	XX	9,870	83,200	8.43

[r]Revised. W Withheld to avoid disclosing company proprietary data; included in "Total." XX Not applicable.
[1]Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.

TABLE 3
CONNECTICUT: CRUSHED STONE SOLD OR USED BY PRODUCERS IN 2001, BY USE[1]

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Construction:			
Coarse aggregate (+1 1/2 inch):			
Riprap and jetty stone	11	$93	$8.45
Filter stone	W	W	13.23
Other coarse aggregates	15	232	15.47
Coarse aggregate, graded:			
Concrete aggregate, coarse	W	W	5.51
Bituminous aggregate, coarse	W	W	5.51
Bituminous surface-treatment aggregate	W	W	5.51
Other graded coarse aggregates	W	W	17.12
Fine aggregate (-3/8 inch):			
Stone sand, concrete	177	1,880	10.62
Stone sand, bituminous mix or seal	W	W	5.51
Screening, undesignated	W	W	5.51
Coarse and fine aggregates:			
Graded road base or subbase	588	3,650	6.21
Unpaved road surfacing	W	W	6.25
Crusher run or fill or waste	W	W	6.61
Other coarse and fine aggregates	W	W	7.87
Other construction materials[2]	80	625	7.81
Agricultural limestone	W	W	13.68
Special, other fillers or extenders	W	W	27.56
Other miscellaneous uses, pipe bedding	W	W	7.87
Unspecified:[3]			
Reported	7,800	59,200	7.59
Estimated	130	1,100	7.99
Total or average	9,870	83,200	8.43

W Withheld to avoid disclosing company proprietary data; included in "Total."
[1]Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.
[2]Includes drain fields.
[3]Reported and estimated production without a breakdown by end use.

TABLE 4

CONNECTICUT: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2001, BY MAJOR USE CATEGORY[1]

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregates (including concrete sand)	633	$4,410	$6.97
Concrete products (blocks, bricks, pipe, decorative, etc.)	243	1,330	5.47
Asphalt concrete aggregates and other bituminous mixtures	167	1,030	6.17
Road base and coverings[2]	520	3,590	6.90
Fill	336	1,400	4.17
Other miscellaneous uses[3]	281	1,800	6.41
Unspecified:[4]			
Reported	2,060	11,200	5.44
Estimated	3,300	19,000	5.88
Total or average	7,670	44,700	5.83

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

[2]Includes plaster and gunite sands.

[3]Includes road and other stabilization (cement).

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