

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 2000, the estimated value¹ of nonfuel mineral production for Connecticut was nearly \$100 million, based upon preliminary U.S. Geological Survey (USGS) data. This was about a 10.6% increase from that of 1999² and followed an 8.8%

¹The terms "nonfuel mineral production" and related "values" encompass variations in meaning, depending upon 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 2000 USGS mineral production data published in this chapter are preliminary estimates as of July 2001 and are expected to change. For some mineral commodities, such as 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. A telephone listing for the specialists may be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals/contacts/comdir.html>, by using MINES FaxBack at (703) 648-4999 from a fax machine with a touch-tone handset (request Document #1000 for a telephone listing of all mineral commodity specialists), or by calling USGS information at (703) 648-4000 for the specialist's name and number. All Mineral Industry Surveys—mineral commodity, State, and country—also may be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals>; facsimile copies may be obtained from MINES FaxBack.

²Values, percentage calculations, and rankings for 1999 may vary from the Minerals Yearbook, Area Reports: Domestic 1999, Volume II, owing to the

decrease from 1998 to 1999. 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 2000, a nearly \$9 million increase in the value of construction sand and gravel led the State's increase for the year. The value of crushed stone showed a small increase, and the values of dimension quartzite (not included in table 1 to protect proprietary company data), common clays, and gemstones remained the same (listed in descending order of value). In 1999, Connecticut's decrease in value mostly resulted from a \$12 million decrease in crushed stone, offset somewhat by a more than \$3 million rise in construction sand and gravel (table 1).

According to the Connecticut Geological and Natural History Survey,³ the R.B. Marriot and Sons, Inc. quarry in Oneco, southeastern Windham County, was inactive during 1999. In 2000, Gorman Aggregates, LLC, of Deep River, purchased the quarry but has not yet reopened.

revision of preliminary 1999 to final 1999 data. Data for 2000 are preliminary and are expected to change; related rankings may also change.

³ Nancy McHone, Environmental Analyst, submitted the information provided by the Connecticut Geological and Natural History Survey.

TABLE 1
NONFUEL RAW MINERAL PRODUCTION IN CONNECTICUT 1/ 2/

(Thousand metric tons and thousand dollars)

Mineral	1998		1999		2000 p/	
	Quantity	Value	Quantity	Value	Quantity	Value
Clays, common	55	W	55	183	55	183
Gemstones	NA	5	NA	6	NA	6
Sand and gravel, construction	6,380	29,200	6,510	32,400	8,070	41,000
Stone, crushed	7,660	69,400	7,170	57,400	7,100	58,300
Combined values of stone (dimension quartzite) and value indicated by symbol W	XX	(3/)	XX	(3/)	XX	(3/)
Total 4/	XX	98,700	XX	90,000	XX	99,500

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 proprietary data.

4/ Partial total, excludes values withheld to avoid disclosing proprietary data.

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

Kind	1998				1999			
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value
Limestone	5	1,070	\$8,350	\$7.82	5	793	\$7,220	\$9.10
Dolomite	1	W	W	18.68	1	W	W	12.81
Granite	4	W	W	7.27	6	W	W	8.41
Traprock	10	5,930	50,100	8.45	10	5,940	46,000	7.75
Miscellaneous stone	1	W	W	7.00	1	W	W	7.85
Total or average	XX	7,660	69,400	9.06	XX	7,170	57,400	8.01

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 1999, BY USE 1/ 2/

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Construction:			
Coarse aggregate (+1 1/2 inch):			
Riprap and jetty stone	12	\$83	\$6.92
Filter stone	W	W	12.50
Other coarse aggregate	21	97	4.62
Total or average	33	180	5.45
Coarse aggregate, graded:			
Concrete aggregate, coarse	W	W	11.03
Bituminous aggregate, coarse	181	1,000	5.52
Bituminous surface-treatment aggregate	181	1,000	5.52
Other graded coarse aggregate	608	2,870	4.73
Total or average	970	4,870	5.02
Fine aggregate (-3/8 inch):			
Stone sand, concrete	(3/)	(3/)	14.75
Stone sand, bituminous mix or seal	(3/)	(3/)	5.36
Screening, undesignated	(3/)	(3/)	3.90
Total or average	79	372	4.71
Coarse and fine aggregates:			
Graded road base or subbase	495	2,700	5.44
Unpaved road surfacing	W	W	7.14
Crusher run or fill or waste	W	W	6.82
Other coarse and fine aggregates	29	202	6.97
Total or average	524	2,900	5.53
Other construction materials	20	145	7.25
Agricultural limestone	52	594	11.42
Special, asphalt fillers or extenders	(4/)	(4/)	11.03
Unspecified: 5/			
Reported	5,090	44,900	8.82
Estimated	330	2,700	8.18
Total or average	5,420	47,600	8.78
Grand total or average	7,170	57,400	8.01

W Withheld to avoid disclosing company proprietary data; included with "Other."

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

2/ Includes dolomite, granite, limestone, miscellaneous stone, and traprock.

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

4/ Withheld to avoid disclosing company proprietary data; included in "Grand total."

5/ Reported and estimated production without a breakdown by end use.

TABLE 4
CONNECTICUT: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 1999,
BY MAJOR USE CATEGORY 1/ 2/

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate and concrete products 3/	877	\$5,670	\$6.47
Asphaltic concrete aggregates and other bituminous mixtures	513	3,410	6.65
Road base and coverings	573	2,800	4.88
Fill	406	1,630	4.00
Snow and ice control	129	524	4.06
Other miscellaneous uses 4/	7	39	5.57
Unspecified: 5/			
Reported	1,010	3,650	3.62
Estimated	3,000	15,000	5.00
Total or average	6,510	32,400	4.98

1/ To avoid disclosing company proprietary data, no district tables were produced for 1999.

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

3/ Includes plaster and gunite sands.

4/ Includes railroad ballast.

5/ Reported and estimated production without a breakdown by end use.