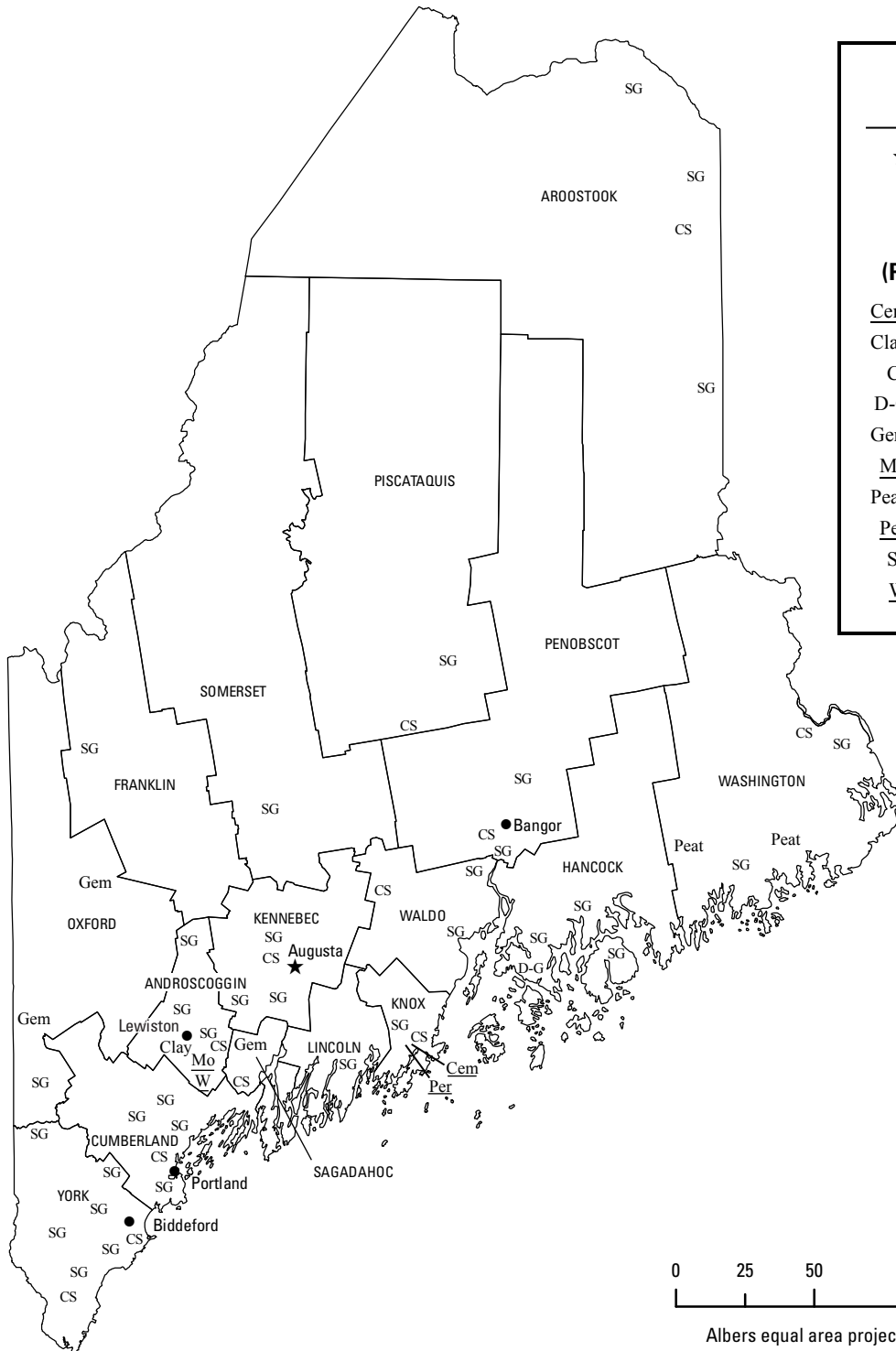




2008 Minerals Yearbook

MAINE

MAINE



LEGEND

- County boundary
- ★ Capital
- City

**MINERAL SYMBOLS
(Principal producing areas)**

- Cem Cement plant
- Clay Common clay
- CS Crushed stone
- D-G Dimension granite
- Gem Gemstones
- Mo Molybdenum plant
- Peat Peat
- Per Perlite plant
- SG Construction sand and gravel
- W Tungsten plant

THE MINERAL INDUSTRY OF MAINE

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

In 2008, Maine's nonfuel raw mineral production¹ was valued at \$158 million, based upon annual U.S. Geological Survey data. This was a \$19 million, or 10.7%, decrease from the State's total production value in 2007, \$177 million, which was up 9.3% from a total of \$162 million in 2006. The large majority of the State's nonfuel mineral production resulted from the mining and production of construction minerals and materials—construction

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 2008 USGS mineral production data published in this chapter are those available as of July 2010. 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>.

sand and gravel, portland cement, crushed stone, and dimension granite, in descending order of total production value.

Construction sand and gravel and crushed stone accounted for 63% of Maine's total nonfuel raw mineral production value in 2008, down from 68% in 2007. Both mineral commodities saw decreases in quantities produced and total production value, with a combined 1.8 million fewer metric tons produced in 2008 than 2007 and with a decrease of over \$20 million. Slight increases in production values were seen with portland cement, peat, and dimension stone. The quantity of dimension stone produced was up about 15% from that of 2007 (table 1). In 2008, Maine rose from 5th to 4th in the quantity of peat produced. One company in southern Maine continued to produce molybdenum and tungsten products from sources originating from outside of the State.

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

(Thousand metric tons and thousand dollars)

Mineral	2006		2007		2008	
	Quantity	Value	Quantity	Value	Quantity	Value
Gemstone, naturals	NA	275	NA	277	NA	282
Sand and gravel, construction	10,400	62,400	10,900 ^r	83,100 ^r	9,820	67,000
Stone:						
Crushed	5,340	41,500	4,680 ^r	37,700 ^r	3,960	33,300
Dimension	6	1,640	6	1,580	7	1,720
Combined values of cement, clays (common), peat	XX	56,300 ^r	XX	53,900 ^r	XX	56,000
Total	XX	162,000	XX	177,000 ^r	XX	158,000

^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
MAINE: CRUSHED STONE SOLD OR USED, BY TYPE¹

Type	2007			2008		
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Number of quarries	Quantity (thousand metric tons)	Value (thousands)
Limestone	5	1,780	\$12,100	5	1,580	\$11,100
Granite	6	1,810	16,500 ^r	7	1,630	15,800
Sandstone & Quartzite	3	402	3,650	3	427	3,750
Miscellaneous stone	7 ^r	678 ^r	5,550 ^r	5	319	2,650
Total	XX	4,680 ^r	37,700 ^r	XX	3,960	33,300

^rRevised. XX Not applicable.

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

TABLE 3
MAINE: CRUSHED STONE SOLD OR USED BY PRODUCERS IN 2008, BY USE¹

(Thousand metric tons and thousand dollars)

Use	Quantity	Value
Construction:		
Coarse aggregate (+1½ inch):		
Riprap and jetty stone	18	213
Filter stone	W	W
Other coarse aggregate	75	903
Coarse aggregate, graded:		
Railroad ballast	W	W
Other graded coarse aggregate	126	1,060
Fine aggregate (-¾ inch):		
Stone sand, concrete	W	W
Screening, undesignated	105	1,090
Other fine aggregate	8	68
Coarse and fine aggregates:		
Graded road base or subbase	120	887
Other coarse and fine aggregates	1,800	16,900
Chemical and metallurgical, cement manufacture	W	W
Unspecified, estimated ²	1,000	8,400
Total	3,960	33,300

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.

²Estimated production without a breakdown by end use.

TABLE 4
MAINE: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2008,
BY MAJOR USE CATEGORY¹

Use	Quantity	Value (thousands)	Unit value
	(thousand metric tons)		
Concrete aggregate (including concrete sand)	580	\$3,190	\$5.50
Concrete products (blocks, bricks, pipe, decorative, etc.)	5	45	9.00
Asphaltic concrete aggregates and other bituminous mixtures	708	11,800	16.69
Road base and coverings	1,800	11,500	6.41
Road stabilization (cement and lime)	38	220	5.79
Fill	633	2,250	3.55
Snow and ice control	140	786	5.61
Other miscellaneous uses ²	29	443	15.28
Unspecified: ³			
Reported	539	3,990	7.41
Estimated	5,400	33,000	6.11
Total or average	9,820	67,000	6.82

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

²Includes railroad ballast.

³Reported and estimated production without a breakdown by end use.