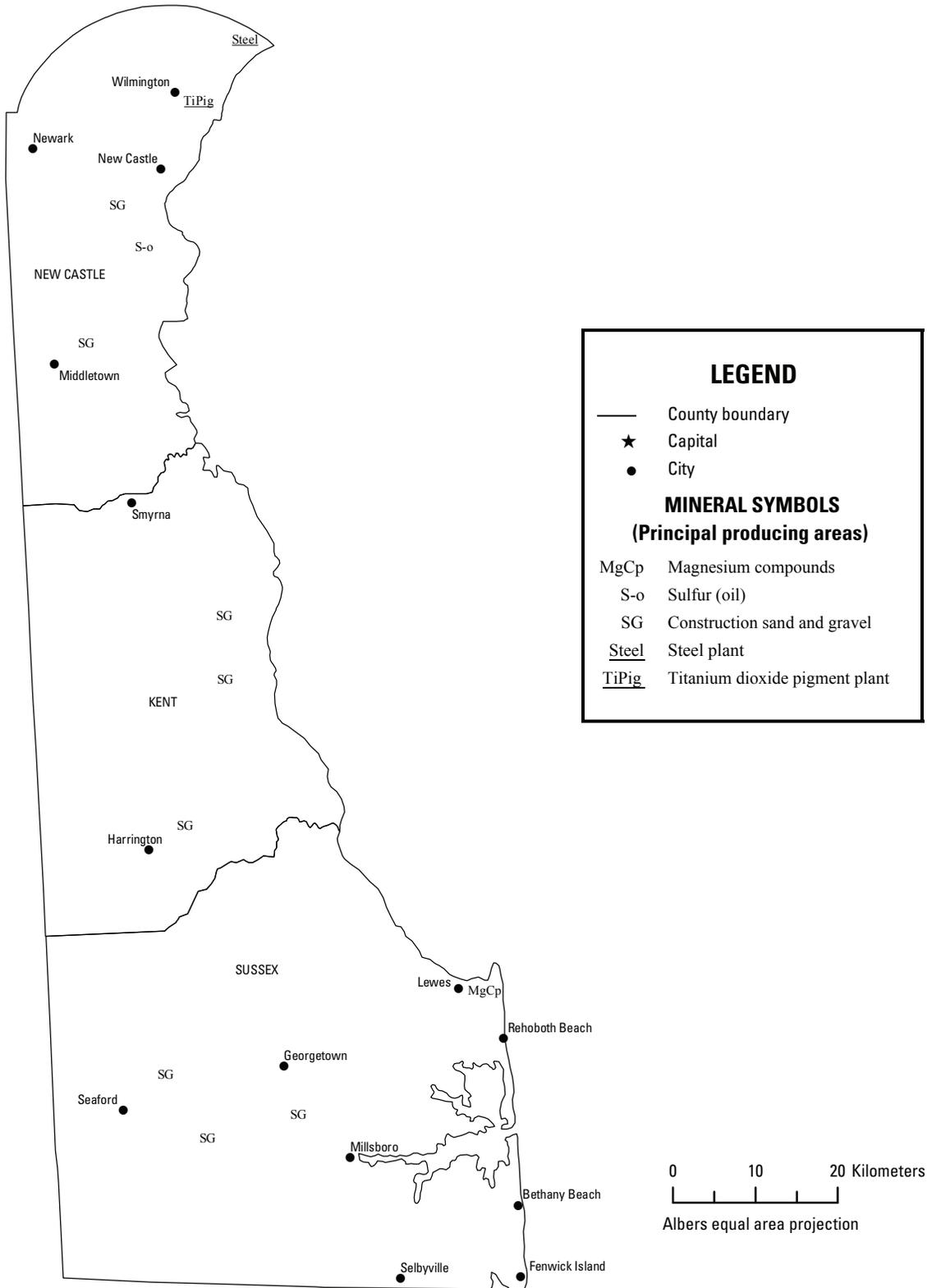




2009 Minerals Yearbook

DELAWARE [ADVANCE RELEASE]

DELAWARE



Source: Delaware Geological Survey/U.S. Geological Survey (2009).

THE MINERAL INDUSTRY OF DELAWARE

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

In 2009, Delaware's nonfuel raw mineral production¹ was valued at \$24.5 million, based upon annual U.S. Geological Survey (USGS) data. This was a \$3.9 million, or 19%, increase from the State's total nonfuel mineral value in 2008, which then had decreased by \$5.8 million, or 22%, from that of 2007.

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>.

Because production data for magnesium compounds and crushed stone were withheld (company proprietary data), the State's actual annual total values are significantly higher than those listed in table 1. The State's leading nonfuel mineral commodity in 2009 was, by value, magnesium compounds, followed by construction sand and gravel, and crushed stone. Significant increases took place in the production and value of magnesium compounds production. Construction sand and gravel production was down by 18% and its value increased by 19%. A significant decrease took place in the production and value of crushed stone. The production value of natural gemstone remained the same as that of 2008. In 2009, Delaware continued to rank fourth of five States in the quantities of magnesium compounds.

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

(Thousand metric tons and thousand dollars)

Mineral	2007		2008		2009	
	Quantity	Value	Quantity	Value	Quantity	Value
Gemstones, natural	NA	1	NA	1	NA	1
Magnesium compounds	W	W	W	W	W	W
Sand and gravel, construction	3,520	26,400	2,550	20,600	2,080	24,500
Stone, crushed	W	W	W	W	W	W
Total	XX	26,400	XX	20,600	XX	24,500

NA Not available. W Withheld to avoid disclosing company proprietary data; excluded from "Total." 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
DELAWARE: 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)	977	\$14,700	\$15.00
Asphaltic concrete aggregates and other bituminous mixtures	91	1,650	18.12
Fill	253	1,210	4.79
Other miscellaneous uses	10	213	21.30
Unspecified: ²			
Reported	--	--	--
Estimated	745	6,760	9.07
Total or average	2,080	24,500	11.82

--Zero.

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.