

Remarks:



G09

UNITED STATES
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
986 NATIONAL CENTER
RESTON, VIRGINIA 20192

**INDUSTRIAL SAND AND GRAVEL
SOLD OR USED**

**INDIVIDUAL COMPANY
DATA - PROPRIETARY**

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to Federal defense agencies, or to the Congress upon official request for appropriate purposes. Unless objection is made in writing to the USGS, the information furnished in this report may be disclosed to the respondent's State Geological Survey (or similar State Agency) if the State has appropriate safeguards to prevent disclosing company proprietary data.

**FACSIMILE NUMBER
1-800-543-0661**

(Please correct if name or address has changed.)

Public reporting burden for this voluntary collection of information is estimated to average 90 MINUTES per response. A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Comments regarding this collection of information should be directed to: U.S. Geological Survey, Statistics and Information Systems Section, 988 National Center, Reston, VA 20192. **Please do not mail canvass forms to this address.**

Collection of nonfuel minerals information is authorized by Public Law 96-479 and the Defense Production Act. This information is used to support executive policy decisions pertaining to emergency preparedness, national defense, and analyses for minerals legislation and industrial trends. The USGS relies on your voluntary and timely response to assure that its information is complete and accurate. Please complete and return a separate form for each operation that was active during the calendar year in the enclosed envelope or fax to the above toll-free number. Use zero (0) when appropriate. Please do not make entries in shaded areas. Additional forms are available upon request.

A single operation consists of one extraction area, or several extraction areas that are adjacent to each other within a county. Boulders and/or cobbles from the mining of sand and gravel that were crushed, and sized should be reported as sand and gravel, not crushed stone. In completing this form, reasonable estimates should be used wherever exact data are not available. If you do not have production to report, please complete Items 1 and 2, sign, and return this form.

NOTE: Federal, State, or local agencies that operated a pit, a pit and plant for processed material, or dredge, with their own crew and/or equipment, should also complete this form. Give market value of material produced, including royalties.

If you have any questions concerning completion of this form, please contact the Mineral Commodities Data Unit, U.S. Geological Survey, 985 National Center, Reston, VA 20192, Telephone (703) 648-7960.

1. Name and location of operation.

Name _____ Nearest town _____

State _____ County _____ Section _____ Township _____ Range _____

If operating company is a subsidiary, please name controlling company _____

Please indicate number of pits or extraction areas covered in this report _____

2. Status during year.

(1) Active From _____ To _____ (2) Shipping from stockpile only

(3) Idle entire year (4) Went out of business - Date _____

If ownership changed during year, give date of change _____ (5) Purchased (6) Sold

Name and address of other party to or from whom transferred _____

3. Mining method. (Check one or more) (1) Open pit (2) Underground mine (3) Dredge

4. Type of processing plant. (1) Stationary (2) Portable (3) Both (4) None

Rated capacity of processing plant _____ tons/hour.

Number of days processing plant operated during year _____ days.

FOR BUREAU USE					

5. If production is reported in cubic yards, indicate pounds per cubic yard: Sand _____ Gravel _____

6. Did your operation produce any CONSTRUCTION SAND AND GRAVEL such as concrete aggregate, road material, etc.?

(1) Yes (2) No

Name of person to be contacted regarding this report			Tel. area code	No.	Ext.
Address	No.	Street	City	State	ZIP Code

May tabulations be published which could indirectly reveal the data reported on this form?

Value data (1) Yes (2) No Other (including quantity) data (1) Yes (2) No

Signature	Title	Date
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7. Use, quantity, and value of industrial sand and gravel.

Use (1)	Code	Quantity		Value (f.o.b. plant or pit) (4)
		(Short tons (2))	OR Cubic yards (3)	
SAND:				
Glass making				
Containers.....	601			\$
Flat (plate and window).....	602			
Specialty.....	603			
Fiberglass (unground).....	604			
Fiberglass (ground).....	605			
Foundry				
Molding and core.....	610			
Molding and core facings (ground).....	611			
Refractory (silica brick, ramming mixtures, and furnace linings).....	612			
Metallurgical				
Silicon carbide.....	620			
Flux for metal smelting.....	621			
Abrasives				
Blasting.....	630			
Scouring cleansers (ground).....	631			
Sawing and sanding.....	632			
Chemicals (ground and unground)				
Sodium silicate, silicon tetrachloride, silicones, silica gel, etc.....	640			
Ground fillers				
Rubber, paints, putty, plastics, etc.....	650			
Whole grain fillers/building products				
Epoxy, flooring, grouts, paints, stucco, no-skid, etc.....	651			
Ceramic (ground)				
Pottery, bricks, earthenware, tile, whiteware, sanitaryware, enamel, glazes, porcelain, etc.....	660			
Filtration				
Water (municipal, county, local, etc.).....	670			
Swimming pool, other.....	681			
Petroleum industry				
Hydraulic fracturing.....	674			
Well packing and cementing.....	682			
Recreational				
Golf course.....	683			
Baseball, volleyball, play sand, beaches, etc.....	684			
Traction (engine).....	671			
Roofing granules and fillers.....	673			
Other ground silica (please specify) _____	685			
Other whole grain (please specify) _____	686			
TOTAL SAND	699			
GRAVEL:				
Silicon, ferrosilicon.....	741			
Filtration.....	742			
Non-metallurgical flux.....	750			
Other (please specify) _____	744			
TOTAL GRAVEL	799			

8. Transportation of industrial sand and gravel to first point of sale or use, by method.

Method of transportation (1)	Code	Quantity		Approximate distance in miles to principal site of sale or use (4)
		(Short tons (2))	OR Cubic yards (3)	
Truck.....	811			
Railroad.....	812			
Waterway.....	813			
Other transportation (please specify) _____	814			
Not transported (used or sold at extraction site).....	815			
TOTAL (should equal LINE CODES 699 + 799).....	819			

9. Disposition of industrial sand and gravel during year, by destination.

Report the quantity of industrial sand and gravel shipped or used by reporting unit. The total, LINE CODE 899, should equal the total of LINE CODES 699 and 799, SECTION 7, PAGE 2.

Destination (1)	Code	QUANTITY			Destination (1)	Code	QUANTITY		
		Short tons (2)	OR	Cubic yards (3)			Short tons (2)	OR	Cubic yards (3)
Alabama.....	010			New Jersey.....	340				
Alaska.....	020			New Mexico.....	350				
Arizona.....	040			New York.....	364				
Arkansas.....	050			North Carolina.....	370				
California.....	061			North Dakota.....	380				
Colorado.....	080			Ohio.....	390				
Connecticut.....	090			Oklahoma.....	400				
Delaware.....	100			Oregon.....	410				
District of Columbia..	110			Pennsylvania.....	424				
Florida.....	120			Puerto Rico.....	720				
Georgia.....	130			Rhode Island.....	440				
Hawaii.....	150			South Carolina.....	450				
Idaho.....	160			South Dakota.....	460				
Illinois.....	170			Tennessee.....	470				
Indiana.....	180			Texas.....	481				
Iowa.....	190			Utah.....	490				
Kansas.....	200			Vermont.....	500				
Kentucky.....	210			Virginia.....	510				
Louisiana.....	220			Washington.....	530				
Maine.....	230			West Virginia.....	540				
Maryland.....	240			Wisconsin.....	550				
Massachusetts.....	250			Wyoming.....	560				
Michigan.....	260			U.S. possessions and territories.....	810				
Minnesota.....	270			Canada.....	820				
Mississippi.....	280			Mexico.....	830				
Missouri.....	290			Other foreign countries.....	850				
Montana.....	300			Destination unknown.....	880				
Nebraska.....	310			TOTAL	899				
Nevada.....	320								
New Hampshire.....	330								