

# NAICS Subsector 327 – Nonmetallic Mineral Product Manufacturing

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327111</b>	<b>VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING</b>				
3271110	VITREOUS PLUMBING FIXTURES				
32711101	Vitreous plumbing fixtures				
327111012	Vitreous china lavatories		SV		
327111013	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, 17 inches from floor to rim of bowl, close coupled for use with flush tank		SV		
327111020	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, less than 17 inches from floor to rim of bowl, close coupled for use with flush tank, gravity and pressurized		SV		
327111022	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, less than 17 inches from floor to rim of bowl, close coupled for use with flush tank, all other (including flushometer valve)		SV		
327111031	Vitreous china flush tanks		SV		
327111051	All other china plumbing fixtures (including drinking fountains, urinals, sinks, etc.)		SV		
32711102	Vitreous plumbing fixture accessories and fittings, including earthenware				
3271110211	Vitreous plumbing accessories and fittings (including towel racks, soap cups, etc.)		SV		
3271110221	Earthenware plumbing fixtures, accessories, and fittings		SV		
<b>327112</b>	<b>VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING</b>				
3271121	VITREOUS CHINA, PORCELAIN, AND EARTHENWARE (SEMIVITREOUS) TABLE AND KITCHENWARE (INCLUDING HOUSEHOLD, HOTEL, OR COMMERCIAL USES) (INCLUDING BONE AND FELDSPAR)				
32711211	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)				
3271121100	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)		SV		
3271125	ALL OTHER POTTERY PRODUCTS (INCLUDING CHINA DECORATED FOR THE TRADE)				
32711251	All other pottery products (including china decorated for the trade)				
3271125111	China and porcelain art, decorative, and novelty potteryware (including vases, lamp bases, figures, plaques, book ends, garden pottery, and ashtrays)		SV		
3271125121	Earthenware and stoneware art, decorative, and novelty potteryware (including vases, lamp bases, figures, plaques, book ends, garden pottery, and ashtrays)		SV		
3271125131	Stoneware table and kitchen articles, household and commercial (for serving, cooking, preparing, and storing food and drink)		SV		
3271125137	Clay statuary and art goods		SV		
3271125141	Chemical, technical, and industrial pottery ware (including chemical stoneware and porcelain, prometric tubes, etc.)		SV		
3271125151	Red unglazed earthenware (flowerpots, etc.)		SV		
3271125161	All other pottery products (including pyrometric cones, veritas rings, etc.)		SV		
<b>327113</b>	<b>PORCELAIN ELECTRICAL SUPPLY MANUFACTURING</b>				
3271130	PORCELAIN, STEATITE, AND OTHER CERAMIC ELECTRICAL PRODUCTS				
32711301	All wet process voltage porcelain products and components				
3271130111	Pin-type porcelain electrical insulators and line posts, wet process voltage products shipped as complete insulators		SV		
3271130121	Suspension-type porcelain electrical insulators, 7 1/2-inch disc and smaller, wet process voltage products shipped as complete insulators		SV		
3271130131	Suspension-type porcelain electrical insulators, larger than 7 1/2-inch disc, wet process voltage products shipped as complete insulators		SV		
3271130141	Switch and bus porcelain electrical insulators (including cap-and-pin and post types), wet process voltage products shipped as complete insulators		SV		
3271130151	All other porcelain electrical insulators (including guy strain insulators and spools), wet process voltage products shipped as complete insulators		SV		
3271130161	Wet process voltage porcelain products shipped as porcelain pieces only for component parts of other electrical equipment		SV		
32711302	Steatite electrical products				
3271130211	Steatite electrical products		SV		
32711303	Other ceramic electrical products and components for electronic applications				
3271130311	All dry process electrical porcelain (including porcelain parts for wiring devices, fuses, circuit breakers, etc.)		SV		
3271130321	Ceramic permanent magnets		SV		
3271130331	Other ferrites (excluding those with electronic components)		SV		
3271130341	Alumina materials for electronic application		SV		
3271130351	Beryllia, titanate, and all other ceramic electrical products and ceramic components for electronic applications		SV		
<b>327121</b>	<b>BRICK AND STRUCTURAL CLAY TILE MANUFACTURING</b>				

See footnotes at end of subsector.

**NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.**

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327121</b>	<b>BRICK AND STRUCTURAL CLAY TILE MANUFACTURING—Con.</b>				
3271210	BRICK AND STRUCTURAL CLAY TILE				
32712101	Building or common brick				
3271210110	Building or common brick .....		SV		
32712102	Glazed brick and other brick (paving, floor, and sewer)				
3271210211	Other brick (paving, floor, and sewer) .....		SV		
3271210220	Glazed brick and structural hollow tile .....		SV		
3271210221	Facing tile (structural) and ceramic glazed brick, including unglazed and salt glazed .....	1,000 bricks	P,S	MQ327D	
3271210226	Structural clay tile, except facing (nonload-bearing and load-bearing) .....	short tons	P,S	MQ327D	
<b>327122</b>	<b>CERAMIC WALL AND FLOOR TILE MANUFACTURING</b>				
3271220	CLAY FLOOR AND WALL TILE, GLAZED AND UNGLAZED (INCLUDING QUARRY TILE AND CERAMIC MOSAIC TILE)				
32712201	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)				
3271220100	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile) .....		SV		
3271220111	Glazed clay floor and wall tile (including glazed quarry), facial area greater than 6 square inches and less than 59 square inches .....	1,000 sq ft	P,S	MQ327D	
3271220121	Glazed clay floor and wall tile (including glazed quarry), facial area 59 square inches or greater .....	1,000 sq ft	P,S	MQ327D	
3271220131	Unglazed clay floor and wall tile (including unglazed quarry), facial area greater than 6 square inches .....	1,000 sq ft	P,S	MQ327D	
3271220141	Ceramic mosaic tile (glazed and unglazed) .....	1,000 sq ft	P,S	MQ327D	
<b>327123</b>	<b>OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING</b>				
3271231	VITRIFIED CLAY SEWER PIPE AND FITTINGS				
32712311	Vitrified clay sewer pipe and fittings				
3271231100	Vitrified clay sewer pipe and fittings .....		SV		
3271234	ALL OTHER STRUCTURAL CLAY PRODUCTS (ARCHITECTURAL TERRA COTTA, DRAIN TILE, FLUE TILE, ROOFING TILE, CONDUIT, ETC.), EXCEPT CLAY REFRACTORIES				
32712341	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories				
3271234100	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories .....		SV		
<b>327124</b>	<b>CLAY REFRACTORY MANUFACTURING</b>				
3271240	CLAY REFRACTORIES				
32712401	Clay refractories				
3271240100	Clay refractories .....		SV		
3271240111	Fireclay (including semi-silica, bloating and super-duty brick and shapes, fireclay and high alumina pouring pit refractories, clay kiln furniture, radiant heater elements, etc.) .....	metric tons	S	MA327C	
<b>327125</b>	<b>NONCLAY REFRACTORY MANUFACTURING</b>				
3271250	NONCLAY REFRACTORIES (EXCEPT DEAD-BURNED MAGNESIA)				
32712501	Nonclay refractories (except dead-burned magnesia)				
3271250100	Nonclay refractories (except dead-burned magnesia) .....		SV		
3271250111	All silica brick and shapes (excluding semisilica) .....	metric tons	S	MA327C	
3271250121	Magnesite-carbon brick and shapes, both less than 7 percent carbon, 7 percent carbon and over, predominately pitch and resin bonded, and carbon magnesite brick .....	metric tons	S	MA327C	
3271250131	Magnesite brick and shapes, burned and unburned (excluding carbon impregnated magnesite brick and shapes) .....	metric tons	S	MA327C	
3271250141	Magnesite-chrome, chrome-magnesite (including high fires), burned and unburned brick, and chrome brick .....	metric tons	S	MA327C	
3271250151	Silicon-carbide brick and shapes made predominately of silicon carbide, including kiln furniture .....	metric tons	S	MA327C	
3271250161	Extra high alumina brick and shapes (containing 87.5 percent or more alumina), and extra high alumina pouring pit refractories (sleeves, nozzles, runners, tuyeres, ladle gate parts, etc.) .....	metric tons	S	MA327C	
3271250171	Zircon brick and shapes, including electrocast .....	metric tons	S	MA327C	
3271250181	All other brick and shapes (dolomite, dolomite-magnesite, forsterite, pyrophyllite-zircon, carbon and graphite crucibles, retorts, stopper heads, natural graphite, refractories, and molten cast) .....	metric tons	S	MA327C	
<b>327211</b>	<b>FLAT GLASS MANUFACTURING</b>				
3272111	FLAT GLASS (FLOAT, SHEET, AND PLATE PROCESS), MADE BY FLAT GLASS PRODUCERS				

See footnotes at end of subsector.

# NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327211</b>	<b>FLAT GLASS MANUFACTURING—Con.</b>				
3272111	FLAT GLASS (FLOAT, SHEET, AND PLATE PROCESS), MADE BY FLAT GLASS PRODUCERS—Con.				
32721111	Flat glass (float, sheet, and plate process), made by flat glass producers				
3272111100	Flat glass (float, sheet, and plate process), made by flat glass producers . . . .		SV		
3272111101	Flat glass, automotive, standard greens/blue greens, less than 2.9 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111106	Flat glass, automotive, standard greens/blue greens, 2.9 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111111	Flat glass, automotive, high performance greens/blue greens/blues, less than 2.9 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111116	Flat glass, automotive, high performance greens/blue greens/blues, 2.9 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111121	Flat glass, automotive, privacy (high performance uncoated dark gray) . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111126	Flat glass, automotive, other automotive (except privacy) . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111131	Flat glass, nonautomotive, pyrolytically coated, greens/blue greens/blues . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111136	Flat glass, nonautomotive, pyrolytically coated, all other . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111141	Flat glass, nonautomotive (except pyrolytically coated), clear, less than 5.0 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111146	Flat glass, nonautomotive (except pyrolytically coated), clear, 5.0 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111151	Flat glass, nonautomotive (except pyrolytically coated), greens/blue greens/blues, less than 5.0 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111156	Flat glass, nonautomotive (except pyrolytically coated), greens/blue greens/blues, 5.0 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111161	Flat glass, nonautomotive (except pyrolytically coated), all bronze, less than 5.0 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111166	Flat glass, nonautomotive (except pyrolytically coated), all bronze, 5.0 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111171	Flat glass, nonautomotive (except pyrolytically coated), all gray, less than 5.0 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111176	Flat glass, nonautomotive (except pyrolytically coated), all gray, 5.0 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111181	Flat glass, nonautomotive (except pyrolytically coated), other, less than 5.0 mm thick . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272111186	Flat glass, nonautomotive (except pyrolytically coated), other, 5.0 mm or thicker . . . . .	1,000 sq ft	I,P,PC	MA327A	
3272114	<b>OTHER GLASS PRODUCTS, MADE BY FLAT GLASS PRODUCERS</b>				
32721141	Other glass products, made by flat glass producers				
3272114111	Rolled and wire glass, made by flat glass producers . . . . .		SV		
3272114121	Tempered glass for construction, architectural, and automotive purposes, made by flat glass producers . . . . .		SV		See Appendix D
3272114131	Tempered glass for other uses (including appliances), made by flat glass producers . . . . .		SV		See Appendix D
3272114193	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs), made by flat glass producers . . . . .		SV		See Appendix D
<b>327212</b>	<b>OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING</b>				
3272121	GLASS FIBER MAT, TEXTILE-TYPE, MADE BY ESTABLISHMENTS PRODUCING GLASS				
32721211	Glass fiber mat, textile-type, made by establishments producing glass				
3272121111	Glass fiber mat, textile-type, made by establishments producing glass . . . . .		SV		
32721212	Other glass fiber, textile-type (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled glass fiber), made by establishments producing glass				
3272121221	Other glass fiber, textile-type (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled glass fiber), made by establishments producing glass . . . . .		SV		
3272123	<b>MACHINE-MADE PRESSED AND BLOWN TABLE, KITCHEN, ART, AND NOVELTY GLASSWARE, MADE BY GLASS PRODUCERS</b>				
32721231	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers				
3272123100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers . . . . .		SV		See Appendix D
3272123101	Consumer (table, kitchen, art, and novelty) glassware, tumblers, one piece (excluding packers'), machine made . . . . .	mil dozen	S	MA327E	
3272123106	Consumer (table, kitchen, art, and novelty) glassware, stemware (used generally for drinking, also may be used for dessert dishes), machine made . . . . .	mil dozen	S	MA327E	
3272123111	Consumer (table, kitchen, art, and novelty) glassware, tableware (items in which food and beverages are served but not prepared), machine made . . . . .	mil pieces	S	MA327E	
3272123118	Consumer (table, kitchen, art, and novelty) glassware, cookware, ovenware, and kitchenware (including microwave specialty pieces), machine made . . . . .	mil pieces	S	MA327E	
3272123126	Consumer (table, kitchen, art, and novelty) glassware, ornamental, decorative, novelty glassware, and smokers' accessories, machine made . . . . .		SV	MA327E	
3272123131	All other consumer (table, kitchen, art, and novelty) glassware, machine made . . . . .		SV	MA327E	
3272125	<b>MACHINE-MADE PRESSED AND BLOWN LIGHTING, AUTOMOTIVE, AND ELECTRONIC GLASSWARE, MADE BY GLASS PRODUCERS</b>				

See footnotes at end of subsector.

# NAICS Subsector 327 — Nonmetallic Mineral Product Manufacturing — Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327212</b>	<b>OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING—Con.</b>				
3272125	MACHINE-MADE PRESSED AND BLOWN LIGHTING, AUTOMOTIVE, AND ELECTRONIC GLASSWARE, MADE BY GLASS PRODUCERS—Con.				
32721251	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers				
3272125100	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers		SV		See Appendix D
3272125101	Lighting, automotive, and electronic glassware, automotive lighting, machine made		SV	MA327E	
3272125106	Lighting, automotive, and electronic glassware, search light and other lenses, machine made		SV	MA327E	
3272125111	Lighting, automotive, and electronic glassware, electric light bulb blanks, machine made		SV	MA327E	
3272125116	Lighting, automotive, and electronic glassware, tubing and cane for electric light bulbs and fluorescent and neon lighting, machine made		SV	MA327E	
3272125121	Lighting, automotive, and electronic glassware, electronic tube blanks (radio, X-ray, etc.), except TV, machine made		SV	MA327E	
3272125126	Lighting, automotive, and electronic glassware, TV tube blanks and parts (tubing, cane, and glass parts) for electronic tubes and devices, machine made		SV	MA327E	
3272125131	Lighting, automotive, and electronic glassware, lamp chimneys, shades, bowls, globes, parts, and other glassware, interior, machine made		SV	MA327E	
3272125136	Lighting, automotive, and electronic glassware, lamp chimneys, shades, bowls, globes, parts, and other glassware, exterior, machine made		SV	MA327E	
3272125141	Other lighting, automotive, and electronic glassware, machine made		SV	MA327E	
3272127	<b>ALL OTHER MACHINE-MADE PRESSED AND BLOWN GLASSWARE (INCLUDING TECHNICAL AND SCIENTIFIC GLASSWARE, GLASS BLOCKS, AND LENS BLANKS), MADE BY GLASS PRODUCERS</b>				
32721271	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers				
3272127100	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers		SV		See Appendix D
3272127101	Scientific, technical, and industrial glassware, tubing, rods, and canes, all types (except electrical and electronic), machine made		SV	MA327E	
3272127106	Scientific, technical, and industrial glassware, scientific and laboratory glassware, reusable, machine made		SV	MA327E	
3272127111	Scientific, technical, and industrial glassware, scientific and laboratory glassware, disposable, machine made		SV	MA327E	
3272127116	Scientific, technical, and industrial glassware, technical and industrial glassware, machine made		SV	MA327E	
3272127121	Scientific, technical, and industrial glassware, ophthalmic lens blanks and optical instruments lens blanks, machine made		SV	MA327E	
3272127126	Scientific, technical, and industrial glassware, other glassware (radomes, nose cones, nursery bottles, vials, etc.), machine made		SV	MA327E	
3272129	<b>HANDMADE PRESSED AND BLOWN GLASSWARE, MADE BY GLASS PRODUCERS</b>				
32721291	Handmade pressed and blown glassware, made by glass producers				
3272129100	Handmade pressed and blown glassware, made by glass producers		SV		See Appendix D
3272129101	Consumer (table, kitchen, art, and novelty) glassware, tumblers, one piece (excluding packers), machine made	mil dozen	S	MA327E	
3272129106	Consumer (table, kitchen, art, and novelty) glassware, stemware (used generally for drinking, also may be used for dessert dishes), handmade	mil dozen	S	MA327E	
3272129111	Consumer (table, kitchen, art, and novelty) glassware, tableware (items in which food and beverages are served but not prepared), handmade	mil pieces	S	MA327E	
3272129118	Consumer (table, kitchen, art, and novelty) glassware, cookware, ovenware, and kitchenware (including microwave specialty pieces), handmade	mil pieces	S	MA327E	
3272129126	Consumer (table, kitchen, art, and novelty) glassware, ornamental, decorative, novelty glassware, and smokers' accessories, handmade		SV	MA327E	
3272129131	All other consumer (table, kitchen, art, and novelty) glassware, handmade		SV	MA327E	
<b>327213</b>	<b>GLASS CONTAINER MANUFACTURING</b>				
3272130	<b>GLASS CONTAINERS</b>				
32721301	Glass containers				
3272130100	Glass containers (including value of packaging)	mil gross	S		
3272130115	Glass containers, food	1,000 gross	I,P,SQ	M327G	
3272130135	Glass containers, beverage	1,000 gross	I,P,SQ	M327G	
3272130145	Glass containers, beer	1,000 gross	I,P,SQ	M327G	
3272130155	Glass containers, liquor	1,000 gross	I,P,SQ	M327G	
3272130165	Glass containers, ready to drink alcoholic coolers and cocktails	1,000 gross	I,P,SQ	M327G	
3272130175	Glass containers, wine	1,000 gross	I,P,SQ	M327G	
3272130181	Glass containers, other (including containers for chemical, cosmetic, health, household, industrial, medicinal, and toiletry products)	1,000 gross	I,P,SQ	M327G	
<b>327215</b>	<b>GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS</b>				
3272151	<b>MACHINE-MADE PRESSED AND BLOWN TABLE, KITCHEN, ART, AND NOVELTY GLASSWARE, MADE FROM PURCHASED GLASS</b>				
32721511	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass				
3272151100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass		SV		See Appendix D

See footnotes at end of subsector.

# NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327215</b>	<b>GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS—Con.</b>				
3272153	ALL OTHER MACHINE-MADE PRESSED AND BLOWN GLASSWARE (INCLUDING LIGHTING, AUTOMOTIVE, ELECTRONIC, SCIENTIFIC, LABORATORY, INDUSTRIAL, AND TECHNICAL), MADE FROM PURCHASED GLASS				
32721531	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass				
3272153100	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass .....		SV		See Appendix D
3272155	HANDMADE PRESSED AND BLOWN GLASSWARE, MADE FROM PURCHASED GLASS				
32721551	Handmade pressed and blown glassware, made from purchased glass				
3272155100	Handmade pressed and blown glassware, made from purchased glass .....		SV		See Appendix D
3272159	MIRRORS (DECORATED AND UNDECORATED), MADE FROM PURCHASED GLASS				
32721591	Mirrors (decorated and undecorated), made from purchased glass				
3272159111	Framed mirrors (decorated and undecorated), made from purchased glass ..		SV		
3272159121	Unframed mirrors (decorated and undecorated), made from purchased glass .....		SV		
3272159131	Automotive mirrors (decorated and undecorated), made from purchased glass .....		SV		
327215B	OTHER GLASS PRODUCTS, MADE FROM PURCHASED GLASS				
327215B1	Tempered glass, made from purchased glass				
327215B111	Tempered glass for construction, architectural, and automotive purposes, made from purchased glass .....		SV		See Appendix D
327215B121	Tempered glass for other uses (including appliances), made from purchased glass .....		SV		See Appendix D
327215B2	Optical glass fiber, data and nondata transmission, made from purchased glass				
327215B231	Optical glass fiber, data and nondata transmission, made from purchased glass .....		SV		
327215B3	All other glass products, made from purchased glass				
327215B341	Glass and glass fiber optical components, made from purchased glass .....		SV		
327215B393	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs), made from purchased glass .....		SV		See Appendix D
<b>327310</b>	<b>CEMENT MANUFACTURING</b>				
3273100	CEMENT, HYDRAULIC (INCLUDING COST OF SHIPPING CONTAINERS)				
32731001	Normal portland cement ASTM type I, hydraulic (including cost of shipping containers)				
3273100111	Normal portland cement ASTM type I, hydraulic (including cost of shipping containers) .....	1,000 s tons	S		
32731002	Portland cement, moderate heat of hydration (moderate sulfate resistance) ASTM type II, hydraulic (including cost of shipping containers)				
3273100211	Portland cement, moderate heat of hydration (moderate sulfate resistance) ASTM type II, hydraulic (including cost of shipping containers) .....	1,000 s tons	S		
32731003	Other portland hydraulic cements including ASTM type III, ASTM type IV, and ASTM type V				
3273100311	Portland cement, high early strength ASTM type III, hydraulic (including cost of shipping containers) .....	1,000 s tons	S		
3273100321	Portland cement, high sulfate resistance ASTM type V, hydraulic (including cost of shipping containers) .....	1,000 s tons	S		
3273100331	Other portland hydraulic cements (oil well, white cement, blended cements, etc.) including low heat of hydration ASTM type IV (including cost of shipping containers) .....	1,000 s tons	S		
32731004	Other cements (including cost of shipping containers)				
3273100411	Masonry cement, hydraulic (including cost of shipping containers) .....	1,000 s tons	S		
3273100421	Other cements (natural, hydraulic lime, etc.) (including cost of shipping containers) .....	1,000 s tons	S		
3273100431	Cement clinker, for sale separately, hydraulic (including cost of shipping containers) .....	1,000 s tons	S		
<b>327320</b>	<b>READY-MIX CONCRETE MANUFACTURING</b>				
3273200	READY-MIX CONCRETE				
32732001	Ready-mix concrete				
3273200100	Ready-mix concrete .....		SV		

See footnotes at end of subsector.

# NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327331</b>	<b>CONCRETE BLOCK AND BRICK MANUFACTURING</b>				
3273310	CONCRETE BLOCK AND BRICK				
32733101	Structural block, lightweight units (units made with concrete weighing less than 105 lb per cubic foot) (dry weight)				
3273310111	Structural block, lightweight units (units made with concrete weighing less than 105 lb per cubic foot) (dry weight) .....	mil blocks	S		
32733102	Structural block, mediumweight units (units made with concrete weighing at least 105 lb but less than 125 lb per cubic foot) (dry weight)				
3273310211	Structural block, mediumweight units (units made with concrete weighing at least 105 lb but less than 125 lb per cubic foot) (dry weight) .....	mil blocks	S		
32733103	Structural block, normalweight units (units made with concrete weighing at least 125 lb per cubic foot) (dry weight)				
3273310311	Structural block, normalweight units (units made with concrete weighing at least 125 lb per cubic foot) (dry weight) .....	mil blocks	S		
32733104	Decorative block (including screen block, split block, slump block, shadowal block, etc.)				
3273310411	Decorative block (including screen block, split block, slump block, shadowal block, etc.) .....		SV		
32733105	Concrete pavers (including grid, interlocking, etc.)				
3273310511	Concrete pavers (including grid, interlocking, etc.) .....		SV		
32733106	Concrete brick				
3273310611	Concrete brick .....		SV		
<b>327332</b>	<b>CONCRETE PIPE MANUFACTURING</b>				
3273320	CONCRETE PIPE				
32733201	Concrete culvert pipe				
3273320111	Concrete reinforced culvert pipe, 36 inches or more .....	1,000 s tons	S		
3273320121	Concrete reinforced culvert pipe, less than 36 inches .....	1,000 s tons	S		
3273320131	Concrete nonreinforced culvert pipe .....		SV		
32733202	Concrete storm sewer pipe				
3273320211	Concrete reinforced storm sewer pipe, 36 inches or more .....	1,000 s tons	S		
3273320221	Concrete reinforced storm sewer pipe, less than 36 inches .....	1,000 s tons	S		
3273320231	Concrete nonreinforced storm sewer pipe .....		SV		
32733203	Concrete pipe, except concrete culvert pipe and concrete storm sewer pipe				
3273320311	Concrete reinforced sanitary sewer pipe, 24 inches or more .....	1,000 s tons	S		
3273320321	Concrete reinforced sanitary sewer pipe, less than 24 inches .....	1,000 s tons	S		
3273320331	Concrete nonreinforced sanitary sewer pipe .....		SV		
3273320341	Reinforced concrete pressure pipe .....		SV		
3273320351	Prestressed concrete cylinder pressure pipe .....		SV		
3273320361	Pretensioned concrete cylinder pipe and other pressure pipe .....		SV		
3273320371	Concrete irrigation pipe and drain tile .....		SV		
3273320381	Other concrete pipe (such as manholes and conduits) .....		SV		
<b>327390</b>	<b>OTHER CONCRETE PRODUCT MANUFACTURING</b>				
3273901	PRECAST CONCRETE PRODUCTS				
32739011	Precast concrete slabs and tile, roof and floor units				
3273901111	Precast concrete slabs and tile, roof and floor units .....		SV		
32739012	Precast concrete architectural wall panels				
3273901211	Precast concrete architectural wall panels .....		SV		
32739013	Burial vaults and boxes, precast concrete				
3273901311	Burial vaults, precast concrete .....		SV		
3273901321	Burial boxes, precast concrete .....		SV		
32739014	Precast concrete products, except burial vaults and boxes, concrete slabs and tile, and architectural wall panels				
3273901411	Precast concrete joists and beams, roof and floor units .....		SV		
3273901421	Precast concrete piling, posts, and poles .....		SV		
3273901431	Precast concrete stone products for architectural purposes (except architectural wall panels, such as window sills, ashlar, etc.) .....		SV		
3273901441	Precast concrete, prefabricated building systems, primarily concrete, sold as complete units, and shipped in panel or modular form .....		SV		
3273901451	Other precast concrete construction or building products (including prefabricated housing components) .....		SV		
3273901461	Septic tanks, precast concrete .....		SV		
3273901471	Other precast concrete products (except construction or building products) ..		SV		
3273904	PRESTRESSED CONCRETE PRODUCTS				
32739041	Prestressed concrete bridge beams				
3273904111	Prestressed concrete bridge beams .....	1,000 lin ft	S		
32739042	Prestressed concrete solid and hollow cored slabs and panels				
3273904211	Prestressed concrete solid and hollow cored slabs and panels .....	1,000 sq ft	S		
32739043	Prestressed concrete products, except bridge beams and solid and hollow cored slabs and panels				
3273904311	Prestressed concrete single tees, double tees, and channels .....	1,000 sq ft	S		
3273904321	Prestressed concrete piling, bearing piles, and sheet piles .....	1,000 lin ft	S		
3273904331	Prestressed concrete joists, girders, and beams (other than bridge beams) ..	1,000 lin ft	S		
3273904341	Other prestressed concrete products (including arches, columns, etc.) .....		SV		

See footnotes at end of subsector.

# NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327410</b>	<b>LIME MANUFACTURING</b>				
3274100	LIME				
32741001	Quicklime, including cost of containers				
3274100111	Quicklime, including cost of containers .....	1,000 s tons	S		
32741002	Hydrated lime, including cost of containers				
3274100211	Hydrated lime, including cost of containers .....	1,000 s tons	S		
32741003	Other lime, including cost of containers				
3274100310	Dead-burned dolomite, including cost of containers .....	1,000 s tons	S	MA327C	
3274100311	Dead-burned dolomite .....	metric tons	S		
3274100321	Other lime, including cost of containers .....	1,000 s tons	S		
<b>327420</b>	<b>GYPSUM PRODUCT MANUFACTURING</b>				
3274201	GYPSUM BUILDING MATERIALS				
32742011	Gypsum plaster building boards and lath				
3274201111	Gypsum plaster building boards and lath .....	1,000 s tons	S		
32742012	Gypsum building plasters				
3274201211	Gypsum building plasters .....		SV		
3274205	OTHER GYPSUM PRODUCTS				
32742051	Other gypsum products				
3274205111	Industrial plasters, gypsum .....		SV		
3274205121	Moldings, ornamental and architectural plaster work .....		SV		
3274205131	Other calcined gypsum products .....		SV		
3274205141	Gypsum statuary and art goods .....		SV		
<b>327910</b>	<b>ABRASIVE PRODUCT MANUFACTURING</b>				
3279101	NONMETALLIC SIZED GRAINS, POWDERS, AND FLOUR ABRASIVES (INCLUDING GRADED PRODUCTS ONLY)				
32791011	Aluminum oxide, nonmetallic sized grains, powders, and flour abrasives (including graded products only)				
3279101111	Aluminum oxide, nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....		SV		
32791012	Nonmetallic sized grains, powders, and flour abrasives, except aluminum oxide				
3279101211	Silicon carbide, nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....		SV		
3279101221	Other nonmetallic artificial sized grains, powders, and flour abrasives (including combinations thereof) .....		SV		
3279101231	Nonmetallic natural sized grains, powders, and flours .....		SV		
3279104	NONMETALLIC ABRASIVE PRODUCTS (INCLUDING DIAMOND ABRASIVES)				
32791041	Nonmetallic vitrified bond, artificial and natural bonded abrasives (including diamond abrasives)				
3279104111	Nonmetallic vitrified bond, artificial and natural bonded abrasives (including diamond abrasives) .....		SV		
32791042	Nonmetallic resinoid and shellac bond, artificial and natural bonded abrasives, including diamond abrasives				
3279104211	Nonmetallic resinoid and shellac bonded abrasives, reinforced .....		SV		
3279104221	Nonmetallic resinoid and shellac bonded abrasives, nonreinforced .....		SV		
32791043	Diamond wheels, nonmetallic, artificial and natural bonded abrasives, including diamond abrasives				
3279104311	Diamond wheels, metal bond, nonmetallic, artificial and natural bonded abrasives, including diamond abrasives .....		SV		
3279104321	Diamond wheels, nonmetal bond, nonmetallic, artificial and natural bonded abrasives, including diamond abrasives .....		SV		
32791044	Other nonmetallic artificial and natural abrasive products (except coated abrasives)				
3279104411	Nonmetallic rubber bond, artificial and natural bonded abrasives (including diamond abrasives) .....		SV		
3279104421	Other nonmetallic bonded abrasives, artificial and natural bonded abrasives (including diamond abrasives) .....		SV		
3279104431	Nonmetallic cubic boron nitride wheels, all bonds, artificial and natural bonded abrasives (including diamond abrasives) .....		SV		
3279104441	Other artificial and natural nonmetallic abrasive products (except coated abrasives) .....		SV		
3279107	NONMETALLIC COATED ABRASIVE PRODUCTS AND BUFFING WHEELS, POLISHING WHEELS, AND LAPS				
32791071	Nonmetallic belts, coated or impregnated with any natural or artificial abrasive material				
3279107111	Nonmetallic belts, coated or impregnated with any natural or artificial abrasive material, cloth-glue bond .....		SV		
3279107121	Nonmetallic belts, coated or impregnated with any natural or artificial abrasive material, cloth-resin and waterproof bond .....		SV		
32791072	Nonmetallic shapes, coated or impregnated with any natural or artificial abrasive material				
3279107211	Other nonmetallic shapes, coated or impregnated with any natural or artificial abrasive material, cloth-glue bond .....		SV		
3279107221	Other nonmetallic shapes, coated or impregnated with any natural or artificial abrasive material, cloth-resin and waterproof bond .....		SV		

See footnotes at end of subsector.

# NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327910</b>	<b>ABRASIVE PRODUCT MANUFACTURING—Con.</b>				
3279107	NONMETALLIC COATED ABRASIVE PRODUCTS AND BUFFING WHEELS, POLISHING WHEELS, AND LAPS—Con.				
32791073	Other nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps				
3279107311	Nonmetallic paper-glue bond, coated or impregnated with any natural or artificial abrasive material		SV		
3279107321	Other nonmetallic coated or impregnated with any natural or artificial abrasive material (paper-cloth or vulcanized fiber-cloth combinations, vulcanized fibers, paper-resin, waterproof bond, etc.)		SV		
3279107331	Buffing and polishing wheels and laps of cloth, leather, felt, etc., but containing no abrasive grains, powders, or flour		SV		
327910A	METAL ABRASIVES INCLUDING STEEL AND IRON GRID, SHOT, AND SAND, AND OTHER METAL ABRASIVES				
327910A1	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives				
327910A100	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives		SV		
<b>327991</b>	<b>CUT STONE AND STONE PRODUCT MANUFACTURING</b>				
3279911	DRESSED DIMENSION GRANITE (INCLUDING GNEISS, SYENITE, DIORITE, AND CUT GRANITE)				
32799111	Monumental stone, dressed dimension granite (including gneiss, syenite, diorite, and cut granite)				
3279911111	Monumental stone, dressed dimension granite (including gneiss, syenite, diorite, and cut granite)		SV		
32799112	Building stone and other dressed dimension granite products, excluding monumental stone				
3279911211	Building stone, dressed dimension granite (including gneiss, syenite, diorite, and cut granite)		SV		
3279911221	Other granite products, including paving blocks and curbing, dressed dimension granite (including gneiss, syenite, diorite, and cut granite)		SV		
3279914	DRESSED DIMENSION LIMESTONE (INCLUDING DOLOMITE, TRAVERTINE, CALCAREOUS, TUFA, AND CUT LIMESTONE)				
32799141	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)				
3279914111	Building stone, dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)		SV		
3279914121	Other limestone products, including flagging, dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)		SV		
3279917	DRESSED DIMENSION MARBLE AND OTHER STONE				
32799171	Dressed dimension marble and other stone				
3279917111	Dressed dimension building stone, monumental stone, and other marble products		SV		
3279917121	Other dressed dimension stone (including slate, sandstone, gabbro, basalt, etc.), and other dressed dimension stone products		SV		
<b>327992</b>	<b>GROUND OR TREATED MINERAL AND EARTH MANUFACTURING</b>				
3279920	TREATED MINERALS AND EARTHS				
32799204	Treated lightweight aggregate and crushed slag, minerals and earths				
3279920415	Treated lightweight aggregate (diatomaceous earth, expanded clay, expanded slag, cinders, perlite, haydite, pumice, etc.)		SV		
3279920421	Crushed slag		SV		
32799205	Treated clays, artificially activated with acid or other materials				
3279920521	Treated clays, artificially activated with acid or other materials	1,000 s tons	S		
32799206	Other minerals or earths, treated				
3279920611	Exfoliated vermiculite aggregate	mil cu ft	S		
3279920621	Other exfoliated vermiculite (including loose fill insulation, acoustical, etc.)	mil cu ft	S		
3279920630	Refractory magnesia (including dead-burned magnesia or magnesite)		SV		
3279920653	Graphite, refined or blended	1,000 s tons	S		
3279920667	Other treated minerals and earths (including feldspar, mica, roofing, granules, etc.) (includes heat treated, chemical treated, and other manufacturing processes)		SV		
<b>327993</b>	<b>MINERAL WOOL MANUFACTURING</b>				
3279931	MINERAL WOOL FOR THERMAL AND ACOUSTICAL ENVELOPE INSULATION (FOR HOMES AND COMMERCIAL, AND INDUSTRIAL BUILDINGS)				
32799311	Loose fiber (blowing and pouring) (shipped as such) and granulated fiber, mineral wool for thermal and acoustical envelope insulation (for insulating homes and commercial and industrial buildings)				
3279931111	Loose fiber (blowing and pouring) (shipped as such) and granulated fiber, mineral wool for thermal and acoustical envelope insulation (for insulating homes and commercial and industrial buildings)		SV		

See footnotes at end of subsector.



# NAICS Subsector 327—Nonmetallic Mineral Product Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey <sup>1</sup>	Products primary <sup>2</sup>
<b>327993</b>	<b>MINERAL WOOL MANUFACTURING—Con.</b>				
3279931	MINERAL WOOL FOR THERMAL AND ACOUSTICAL ENVELOPE INSULATION (FOR HOMES AND COMMERCIAL, AND INDUSTRIAL BUILDINGS)—Con.				
32799312	Building batts, blankets, and rolls (in thermal resistance (R) values) R19 or more, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings)				
3279931211	Building batts, blankets, and rolls (in thermal resistance (R) values) R19 or more, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....		SV		
32799313	Building batts, blankets, and rolls (in thermal resistance (R) values) less than R19, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings)				
3279931311	Building batts, blankets, and rolls (in thermal resistance (R) values) R11 to R18.9, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....		SV		
3279931321	Building batts, blankets, and rolls (in thermal resistance (R) values) R10.9 or less, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....		SV		
32799314	Acoustical, such as wall and ceiling (sold as acoustical insulation), mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings)				
3279931411	Acoustical, such as wall and ceiling (sold as acoustical insulation), mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....		SV		
32799315	Board (including roof insulation) and other mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings)				
3279931511	Board (such as roof insulation), mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) ...		SV		
3279931521	Other mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....		SV		
3279934	<b>MINERAL WOOL FOR INDUSTRIAL, EQUIPMENT, AND APPLIANCE INSULATION</b>				
32799341	Blankets (flexible) (including fabricated pieces, rolls, and batts)				
3279934111	Plain blankets (flexible) (including fabricated pieces, rolls, and batts), mineral wool for industrial, equipment, and appliance insulation .....		SV		
3279934121	Coated blankets (flexible) (including fabricated pieces, rolls, and batts), mineral wool for industrial, equipment, and appliance insulation .....		SV		
3279934131	Faced and metal meshed blankets (flexible) (including fabricated pieces, rolls, and batts), mineral wool for industrial, equipment, and appliance insulation .....		SV		
32799342	Special-purpose mineral wool for industrial, equipment, and appliance insulation pieces (special-purpose automotive, appliance, aerospace items and original equipment parts)				
3279934211	Special-purpose mineral wool for industrial, equipment, and appliance insulation pieces (special-purpose automotive, appliance, aerospace items and original equipment parts) .....		SV		
32799343	Other mineral wool for industrial equipment and appliance insulation, except blankets and special-purpose mineral wool				
3279934311	Other mineral wool for industrial equipment and appliance insulation, blocks and boards .....		SV		
3279934321	Mineral wool for industrial, equipment, and appliance pipe insulation .....		SV		
3279934331	Mineral wool for industrial, equipment, and appliance acoustical insulation (including pads, boards, patches, etc.) .....		SV		
3279934341	Other mineral wool for industrial, equipment, and appliance insulation (including air duct, loose fiber, granulated fiber, insulating and finishing cements, etc.) .....		SV		
<b>327999</b>	<b>ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING</b>				
3279990	<b>ALL OTHER NONMETALLIC MINERAL PRODUCTS</b>				
32799901	Mica products				
3279990111	Mica products .....		SV		
32799902	Dry-mixed concrete materials (prepackaged sand, gravel, mortar, and cement premixes)				
3279990211	Dry-mixed concrete materials (prepackaged sand, gravel, mortar, and cement premixes) .....		SV		
32799903	Other nonmetallic mineral products (magnesite floor composition, stucco, artificial graphite, synthetic stones, etc.)				
3279990311	Other nonmetallic mineral products (magnesite floor composition, stucco, artificial graphite, synthetic stones, etc.) .....		SV		

<sup>1</sup>Data for these codes are collected in the Current Industrial Reports (CIR) series bulletins identified.  
<sup>2</sup>For products that are primary to more than one industry, Appendix D contains a listing of related products.