

# 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 PLUMBING FIXTURES</b>				
3271110	VITREOUS PLUMBING FIXTURES, ACCESSORIES, AND FITTINGS				
32711101	China plumbing fixtures				
3271110110	China plumbing fixtures .....		SV		
32711102	China plumbing fixture accessories and fittings, including earthenware				
3271110211	China plumbing fixture 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 PRODUCTS</b>				
3271121	VITREOUS CHINA, PORCELAIN, AND EARTHENWARE (SEMIVITREOUS) TABLE AND KITCHENWARE (INCLUDING BONE AND FELDSPAR)				
32711211	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including bone and feldspar)				
3271121100	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including bone and feldspar) .....		SV		
3271124	POTTERY PRODUCTS, NEC (INCLUDING CHINA DECORATING FOR THE TRADE)				
32711241	Pottery products, nec (including china decorating for the trade)				
3271124111	China and porcelain pottery products (including china decorating for the trade), art, decorative, and novelty potteryware (including vases, lamp bases, figures) .....		SV		
3271124121	Earthenware and stoneware pottery products (including china decorating for the trade) .....		SV		
3271124131	Stoneware table and kitchen articles, household and commercial (for serving, cooking, and storing food and drink), pottery products (including china decorating for the trade) .....		SV		
3271124136	Other nonmetallic mineral statuary and art goods (factory production) .....		SV		
3271124141	Chemical, technical, and industrial potteryware (including chemical stoneware and porcelain, pyrometric tubes, etc.) .....		SV		
3271124151	Red unglazed earthenware (flowerpots, etc.) .....		SV		
3271124161	All other pottery products, nec, (including pyrometric cones, veritas rings, etc.) .....		SV		
<b>327113</b>	<b>PORCELAIN ELECTRICAL SUPPLIES</b>				
3271130	PORCELAIN, STEATITE, AND OTHER CERAMIC ELECTRICAL PRODUCTS				
32711301	All wet process voltage 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 one-half inch disc and smaller, wet process voltage products shipped as complete insulators .....		SV		
3271130131	Suspension-type porcelain electrical insulators, larger than 7 one-half 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 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 .....		SV		
3271130341	Alumina materials for electronic application .....		SV		
3271130351	Beryllia, titanate, and other ceramic electrical products and components for electronic applications nec .....		SV		
<b>327121</b>	<b>BRICK AND STRUCTURAL CLAY TILE</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 .....		P,S	MQ327D	
3271210226	Structural clay tile except facing (nonload-bearing and load-bearing) .....	1,000 brk equiv short tons	P,S	MQ327D	

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>327122</b>	<b>CERAMIC WALL AND FLOOR TILE</b>				
3271220	CLAY FLOOR AND WALL TILE, GLAZED AND UNGLAZED (INCLUDING QUARRY TILE AND CERAMIC MOSAIC TILE)				
32712200	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)				
327122000	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile) .....		SV		
32712201	Glazed and unglazed clay floor and wall tile, including quarry tile				
327122011	Glazed clay floor and wall tile (including glazed quarry, tiles having a facial area greater than 6 and less than 59 square inches) .....	1,000 sq ft	P,S	MQ327D	
327122012	Glazed clay floor and wall tile (including glazed quarry, tiles having a facial area 59 square inches or greater) .....	1,000 sq ft	P,S	MQ327D	
327122013	Unglazed clay floor and wall tile (including unglazed quarry, tiles having a facial area greater than 6 square inches) .....	1,000 sq ft	P,S	MQ327D	
32712202	Ceramic mosaic tile				
327122021	Ceramic mosaic tile (tiles having a facial area of less than 6 square inches) .....	1,000 sq ft	P,S	MQ327D	
<b>327123</b>	<b>OTHER STRUCTURAL CLAY PRODUCTS, NEC</b>				
3271231	VITRIFIED CLAY SEWER PIPE AND FITTINGS				
32712310	Vitrified clay sewer pipe and fittings				
3271231000	Vitrified clay sewer pipe and fittings .....		SV		
3271234	OTHER STRUCTURAL CLAY PRODUCTS, NEC (ARCHITECTURAL TERRA COTTA, DRAIN TILE, FLUE TILE, ROOFING TILE, CONDUIT, ETC.), EXCEPT CLAY REFRACTORIES				
32712341	Other structural clay products, nec (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories				
3271234100	Other structural clay products, nec (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories .....		SV		
<b>327124</b>	<b>CLAY REFRACTORIES</b>				
3271240	CLAY REFRACTORIES				
32712400	Clay refractories				
3271240000	Clay refractories .....		SV		
32712401	Fireclay (including semisilica), bloating and super-duty fireclay brick and shapes, fireclay and high alumina pouring pit refractories, clay kiln furniture, radiant heater elements, etc.				
327124011	Fireclay (including semisilica), bloating and super-duty fireclay brick and shapes, fireclay and high alumina pouring pit refractories, clay kiln furniture, radiant heater elements, etc. ....	metric tons	S	MA327C	
32712402	High alumina brick and shapes containing 50 percent alumina and over				
327124021	High alumina brick and shapes containing 50 percent alumina and over ...	metric tons	S	MA327C	
32712403	Castable refractories less than 50 percent alumina, high alumina castables 50 percent alumina and over, and insulating castables (hydraulic setting) density up to 105 lb per cubic foot				
327124031	Castable refractories less than 50 percent alumina, high alumina castables 50 percent alumina and over, and insulating castables (hydraulic setting) density up to 105 lb per cubic foot .....	metric tons	S	MA327C	
32712404	Other clay refractory products				
327124041	Insulating brick and shapes .....	metric tons	S	MA327C	
327124042	Refractory bonding mortars, wet and dry, including clay and high alumina .	metric tons	S	MA327C	
327124043	Plastics refractories and ramming mixes less than 50 percent alumina, high alumina plastics refractories and ramming mixes 50 percent alumina and over and high alumina phosphate bonded plastics .....	metric tons	S	MA327C	
327124044	Fireclay gunning mixes (includ hydraulic setting gunning mixes) less than 50 percent alumina, high alumina gunning mixes, 50 percent alumina and over and insulating gunning mixes (hydraulic setting) .....	metric tons	S	MA327C	
327124045	Clay and high alumina refractory raw materials, sold in lump or ground form either for direct use by customer as a finished refractory product or as exported material .....	metric tons	S	MA327C	
327124046	Clay and high alumina refractory materials, sold in lump or ground form either for direct use by customer as a finished refractory product or as exported material .....	metric tons	S	MA327C	
<b>327125</b>	<b>NONCLAY REFRACTORIES</b>				
3271250	NONCLAY REFRACTORIES (EXCEPT DEAD-BURNED MAGNESIA)				
32712500	Nonclay refractories (except dead-burned magnesia)				
3271250000	Nonclay refractories (except dead-burned magnesia) .....		SV		
32712501	Brick and shapes, nonclay refractories				
327125011	All silica brick and shapes (semisilica found under fireclay brick and shapes) .....	metric tons	S	MA327C	
327125012	Magnesite-carbon brick and shapes, both less than 7 percent carbon and 7 percent carbon and over, predominately pitch and resin bonded, and carbon magnesite brick .....	metric tons	S	MA327C	
327125013	Magnesite brick and shapes, both burned and unburned .....	metric tons	S	MA327C	
327125014	Magnesite-chrome, chrome-magnesite, including high fires, burned and unburned brick, as well as chrome brick .....	metric tons	S	MA327C	
327125015	Silicon carbide brick and shapes made predominately of silicon carbide, including kiln furniture .....	metric tons	S	MA327C	

See footnotes at end of subsector.

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<b>327125</b>	<b>NONCLAY REFRACTORIES—Con.</b>				
3271250	NONCLAY REFRACTORIES (EXCEPT DEAD-BURNED MAGNESIA) —Con.				
32712501	Brick and shapes, nonclay refractories—Con.				
3271250161	Extra high alumina brick and shapes containing 87 and one-half percent alumina and higher, and extra high alumina pouring pit refractories, including sleeves, nozzles, runners, and tuyeres . . . . .	metric tons	S	MA327C	
3271250171	Zircon and Zirconia brick and shapes made predominately of either of these materials, including electrocast . . . . .	metric tons	S	MA327C	
3271250181	All other brick and shapes, including dolomite, dolomite magnesite, forsterite, pyrophyllite-zircon, carbon and graphite crucibles, retorts, stopper heads, and natural graphite . . . . .	metric tons	S	MA327C	
32712502	Other nonclay refractory products				
3271250211	Unshaped nonclay refractories, basic bonding mortars made predominately of magnesite or chrome ore, dolomite and other nonclay mortars, made predominately of forsterite, zircon, and silica . . . . .	metric tons	S	MA327C	
3271250216	Extra high alumina refractory mortars made predominately of fused or synthetic alumina and mullite . . . . .	metric tons	S	MA327C	
3271250221	Basic castable mixes, including chrome, chrome-magnesia, magnesia-chrome, magnesia and dolomite . . . . .	metric tons	S	MA327C	
3271250226	Extra high alumina plastics refractories and ramming mixes, 87 and one-half percent alumina and higher (made predominately of fused or synthetic aluminas and mullites) . . . . .	metric tons	S	MA327C	
3271250231	Other nonclay refractory castables and plastics . . . . .	metric tons	S	MA327C	
3271250236	Other nonclay plastics refractories and ramming mixes (forsterite, zircon, etc.) . . . . .	metric tons	S	MA327C	
3271250241	Extra high alumina castables and gunning mixes . . . . .	metric tons	S	MA327C	
3271250246	Basic nonclay gunning mixes (including chrome, chrome-magnesia, magnesia-chrome, magnesia, and dolomite) and other nonclay gunning mixes (forsterite, zircon, etc.) . . . . .	metric tons	S	MA327C	
3271250251	Ceramic refractory fibers, 1500 degrees F and higher . . . . .	metric tons	S	MA327C	
3271250256	Other nonclay refractory materials, domestic shipments for direct use by customers as a finished refractory and all exported material, in lump or ground form including ground silica . . . . .	metric tons	S	MA327C	
3271250261	All other domestic shipments of nonclay refractory materials sold in lump or ground form as refractory raw materials . . . . .	metric tons	S	MA327C	
<b>327211</b>	<b>FLAT GLASS</b>				
3272111	FLAT GLASS (FLOAT, SHEET, AND PLATE), MADE BY FLAT GLASS PRODUCERS				
32721110	Flat glass (float, sheet, and plate), made by flat glass producers				
3272111000	Flat glass (float, sheet, and plate), made by flat glass producers . . . . .		SV		
3272111001	Flat glass, automotive, standard greens-blue-greens, less than 2.9 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111006	Flat glass, automotive, standard greens-blue-greens, 2.9 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272111011	Flat glass, automotive, high performance greens-blue-greens-blues, less than 2.9 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111016	Flat glass, automotive, high performance greens-blue-greens-blues, 2.9 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272111021	Flat glass, automotive, privacy (high performance uncoated dark gray) . . . . .	1,000 sq ft	SQ	MA327A	
3272111026	Flat glass, automotive, other than privacy, standard greens-blue-greens, or high performance greens-blue-greens-blues . . . . .	1,000 sq ft	SQ	MA327A	
3272111031	Flat glass, nonautomotive, pyrolytically coated, green-blue-green-blue . . . . .	1,000 sq ft	SQ	MA327A	
3272111036	Flat glass, nonautomotive, pyrolytically coated, other than green-blue-green-blue . . . . .	1,000 sq ft	SQ	MA327A	
3272111041	Flat glass, nonautomotive, other than pyrolytically coated, clear, less than 5.0 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111046	Flat glass, nonautomotive, other than pyrolytically coated, clear, 5.0 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272111051	Flat glass, nonautomotive, other than pyrolytically coated, green-blue-green-blue, less than 5.0 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111056	Flat glass, nonautomotive, other than pyrolytically coated, green-blue-green-blue, 5.0 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272111061	Flat glass, nonautomotive, other than pyrolytically coated, all bronze, less than 5.0 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111066	Flat glass, nonautomotive, other than pyrolytically coated, all bronze, 5.0 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272111071	Flat glass, nonautomotive, other than pyrolytically coated, all gray, less than 5.0 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111076	Flat glass, nonautomotive, other than pyrolytically coated, all gray, 5.0 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272111081	Flat glass, nonautomotive, other than pyrolytically coated, other, less than 5.0 mm thick . . . . .	1,000 sq ft	SQ	MA327A	
3272111086	Flat glass, nonautomotive, other than pyrolytically coated, other, 5.0 mm or thicker . . . . .	1,000 sq ft	SQ	MA327A	
3272113	LAMINATED GLASS, MADE BY FLAT GLASS PRODUCERS				
32721131	Laminated glass, made by flat glass producers				
3272113100	Laminated glass, made by flat glass producers . . . . .		SV		See Appendix D
3272115	OTHER GLASS PRODUCTS, NEC, MADE BY FLAT GLASS PRODUCERS				
32721151	Other glass products, made by flat glass producers				
3272115111	Rolled and wire glass, made by flat glass producers . . . . .		SV		
3272115121	Tempered glass for construction, architectural, and automotive purposes, made by flat glass producers . . . . .		SV		See Appendix D
3272115131	Tempered glass for other uses, such as for appliances, made by flat glass producers . . . . .		SV		See Appendix D
3272115141	Multiple-glazed, sealed insulating glass units, made by flat glass producers . . . . .		SV		See Appendix D
3272115191	Other glass products (including such items as bent, enameled, stained, leaded, faceted, and colored glass slabs), made by flat glass producers . . . . .		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>327212</b>	<b>OTHER PRESSED AND BLOWN GLASS AND GLASSWARE</b>				
3272121	GLASS FIBER, TEXTILE-TYPE, MADE BY ESTABLISHMENTS PRODUCING GLASS				
32721211	Glass fiber mat, textile-type, made by establishments producing glass				
327212111	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	MACHINE-MADE PRESSED AND BLOWN TABLE, KITCHEN, ART, AND NOVELTY GLASSWARE, MADE BY ESTABLISHMENTS PRODUCING GLASS				
32721230	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by establishments producing glass				
3272123000	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by establishments producing glass .....		SV		See Appendix D
3272125	MACHINE-MADE PRESSED AND BLOWN LIGHTING, AUTOMOTIVE, AND ELECTRONIC GLASSWARE, MADE BY ESTABLISHMENTS PRODUCING GLASS				
32721250	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by establishments producing glass				
3272125000	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by establishments producing glass .....		SV		See Appendix D
3272127	ALL OTHER MACHINE-MADE PRESSED AND BLOWN GLASSWARE (INCLUDING TECHNICAL AND SCIENTIFIC GLASSWARE, GLASS BLOCKS, AND LENS BLANKS), MADE BY ESTABLISHMENTS PRODUCING GLASS				
32721270	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by establishments producing glass				
3272127000	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by establishments producing glass .....		SV		See Appendix D
3272129	HANDMADE PRESSED AND BLOWN GLASSWARE, MADE BY ESTABLISHMENTS PRODUCING GLASS				
32721290	Handmade pressed and blown glassware, made by establishments producing glass				
3272129000	Handmade pressed and blown glassware, made by establishments producing glass .....		SV		See Appendix D
<b>327213</b>	<b>GLASS CONTAINERS</b>				
3272130	GLASS CONTAINERS (INCLUDING VALUE OF PACKAGING)				
32721300	Glass containers (including value of packaging)				
3272130000	Glass containers (including value of packaging) .....	1,000 gross	S		
3272130011	Glass containers, narrow-neck, food .....	1,000 gross	SQ	M327G	
3272130021	Glass containers, wide-mouth, food .....	1,000 gross	SQ	M327G	
3272130031	Glass containers, carbonated beverage .....	1,000 gross	SQ	M327G	
3272130041	Glass containers, noncarbonated beverage .....	1,000 gross	SQ	M327G	
3272130051	Glass containers, beer .....	1,000 gross	SQ	M327G	
3272130061	Glass containers, liquor .....	1,000 gross	SQ	M327G	
3272130071	Glass containers, wine .....	1,000 gross	SQ	M327G	
3272130081	Glass containers, other .....	1,000 gross	SQ	M327G	
<b>327215</b>	<b>GLASS PRODUCTS MADE OF PURCHASED GLASS</b>				
3272151	MACHINE-MADE PRESSED AND BLOWN TABLE, KITCHEN, ART, AND NOVELTY GLASSWARE, MADE IN ESTABLISHMENTS NOT PRODUCING GLASS				
32721510	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made in establishments not producing glass				
3272151000	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made in establishments not producing glass .....		SV		See Appendix D
3272153	ALL OTHER MACHINE-MADE PRESSED AND BLOWN GLASSWARE (INCLUDING LIGHTING, AUTOMOTIVE, ELECTRONIC, SCIENTIFIC, LABORATORY, INDUSTRIAL, AND TECHNICAL), MADE IN ESTABLISHMENTS NOT PRODUCING GLASS				
32721530	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made in establishments not producing glass				
3272153000	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made in establishments not producing glass .....		SV		See Appendix D

See footnotes at end of subsector.

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

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<b>327215</b>	<b>GLASS PRODUCTS MADE OF PURCHASED GLASS—Con.</b>				
3272155	HANDMADE PRESSED AND BLOWN GLASSWARE, MADE IN ESTABLISHMENTS NOT PRODUCING GLASS				
32721550	Handmade pressed and blown glassware, made in establishments not producing glass				
3272155000	Handmade pressed and blown glassware, made in establishments not producing glass .....		SV		See Appendix D
3272157	LAMINATED GLASS, MADE IN ESTABLISHMENTS NOT PRODUCING GLASS				
32721571	Laminated glass, made in establishments not producing glass				
3272157100	Laminated glass, made in establishments not producing glass .....		SV		See Appendix D
3272159	MIRRORS (DECORATED OR UNDECORATED), MADE IN ESTABLISHMENTS NOT PRODUCING GLASS				
32721591	Mirrors (decorated or undecorated), made in establishments not producing glass				
3272159111	Framed mirrors (decorated or undecorated), made in establishments not producing glass .....		SV		
3272159121	Unframed mirrors (decorated or undecorated), made in establishments not producing glass .....		SV		
3272159131	Automotive mirrors (decorated or undecorated), made in establishments not producing glass .....		SV		
327215A	OTHER GLASS PRODUCTS, NEC, MADE IN ESTABLISHMENTS NOT PRODUCING GLASS				
327215A1	Tempered glass, made in establishments not producing glass				
327215A111	Tempered glass for construction, architectural, and automotive purposes, made in establishments not producing glass .....		SV		See Appendix D
327215A121	Tempered glass for other uses, such as for appliances, made in establishments not producing glass .....		SV		See Appendix D
327215A2	Optical glass fiber, data and nondata transmission, made in establishments not producing glass				
327215A231	Optical glass fiber, data and nondata transmission, made in establishments not producing glass .....		SV		
327215A235	Optical cable, optical fiber used for data purposes .....		SQ	MA335J	
327215A238	Optical cable, optical fiber used for nondata purposes .....		SQ	MA335J	
327215A3	Other glass products not listed above, made in establishments not producing glass				
327215A341	Glass and glass fiber optical components, made in establishments not producing glass .....		SV		
327215A351	Multiple-glazed, sealed insulating glass units, made in establishments not producing glass .....		SV		See Appendix D
327215A361	Stained, leaded, and faceted glass and colored glass slabs, made in establishments not producing glass .....		SV		
327215A391	Other glass products, nec, made in establishments not producing glass .....		SV		
<b>327310</b>	<b>CEMENT, HYDRAULIC</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) .....	short 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) .....	short 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) .....	short tons	S		
3273100321	Portland cement, high sulfate resistance ASTM type V, hydraulic (including cost of shipping containers) .....	short 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) .....	short tons	S		
32731004	Other cements				
3273100411	Masonry cement, hydraulic (including cost of shipping containers) .....	short tons	S		
3273100421	Other cements (natural, hydraulic lime, etc.) (including cost of shipping containers) .....	short tons	S		
3273100431	Cement clinker, for sale separately, hydraulic (including cost of shipping containers) .....	short tons	S		
<b>327320</b>	<b>READY-MIXED CONCRETE</b>				
3273200	READY-MIXED CONCRETE				
32732001	Ready-mixed concrete				
3273200100	Ready-mixed concrete .....		SV		

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<b>327331</b>	<b>CONCRETE BLOCK AND BRICK</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) .....	1,000 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) .....	1,000 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) .....	1,000 blocks	S		
32733104	Decorative block (such as screen block, split block, slump block, shadowal block, etc.)				
3273310411	Decorative block (such as 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</b>				
3273320	CONCRETE PIPE				
32733201	Concrete culvert pipe				
3273320111	Concrete reinforced culvert pipe, 36 inches or more .....	short tons	S		
3273320121	Concrete reinforced culvert pipe, less than 36 inches .....	short tons	S		
3273320131	Concrete nonreinforced culvert pipe .....		SV		
32733202	Concrete storm sewer pipe				
3273320211	Concrete reinforced storm sewer pipe, 36 inches or more .....	short tons	S		
3273320221	Concrete reinforced storm sewer pipe, less than 36 inches .....	short 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 .....	short tons	S		
3273320321	Concrete reinforced sanitary sewer pipe, less than 24 inches .....	short 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>CONCRETE PRODUCTS, EXCEPT BLOCK, BRICK, AND PIPE</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 .....	linear ft	S		
32739042	Prestressed concrete solid and hollow cored slabs and panels				
3273904211	Prestressed concrete solid and hollow cored slabs and panels .....	square feet	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 .....	square feet	S		
3273904321	Prestressed concrete piling, bearing piles, and sheet piles .....	linear ft	S		
3273904331	Prestressed concrete joists, girders, and beams (other than bridge beams) ..	linear ft	S		
3273904341	Other prestressed concrete products (such as arches, columns, etc.) .....	short tons	S		

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</b>				
3274100	LIME				
32741001	Quicklime, including cost of containers				
3274100111	Quicklime, including cost of containers .....	short tons	S		
32741002	Hydrated lime, including cost of containers				
3274100211	Hydrated lime, including cost of containers .....	short tons	S		
32741003	Other lime, including cost of containers				
3274100310	Dead-burned dolomite, including cost of containers .....	short tons	S		
3274100311	Dead-burned dolomite .....	metric tons	S	MA327C	
3274100321	Other lime, including cost of containers .....	short tons	S		
<b>327420</b>	<b>GYP SUM AND GYP SUM PRODUCTS</b>				
3274201	GYP SUM BUILDING MATERIALS				
32742011	Gypsum plaster building boards and lath				
3274201111	Gypsum plaster building boards and lath .....	short tons	S		
32742012	Gypsum building plasters				
3274201211	Gypsum building plasters .....		SV		
3274204	OTHER GYP SUM PRODUCTS				
32742041	Other gypsum products				
3274204111	Industrial plasters, gypsum .....		SV		
3274204121	Moldings, ornamental and architectural plaster work .....		SV		
3274204131	Other calcined gypsum products .....		SV		
<b>327910</b>	<b>ABRASIVE PRODUCTS</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 bond, reinforced, artificial and natural bonded abrasives (including diamond abrasives) .....		SV		
3279104221	Nonmetallic resinoid and shellac bond, nonreinforced, artificial and natural bonded abrasives (including diamond abrasives) .....		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		

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 PRODUCTS—Con.</b>				
3279107	NONMETALLIC COATED ABRASIVE PRODUCTS AND BUFFING WHEELS, POLISHING WHEELS, AND LAPS—Con.				
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		
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	<b>METAL ABRASIVES</b>				
327910A1	Metal abrasives				
327910A111	Steel and iron grit, shot, and sand		SV		
327910A121	Other metal abrasives		SV		
<b>327991</b>	<b>CUT STONE AND STONE PRODUCTS</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, such as 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, such as 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, such as slate, sandstone, gabbro, basalt, etc., and other dressed dimension stone products		SV		
<b>327992</b>	<b>MINERALS, GROUND OR TREATED</b>				
3279920	MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED				
32799201	Lightweight aggregate and crushed slag, minerals and earths, ground or otherwise treated				
3279920111	Lightweight aggregate (diatomaceous earth, expanded clay, expanded slag, cinders, perlite, haydite, pumice, etc.)		SV		
3279920121	Crushed slag		SV		
32799202	Clays, minerals and earths, ground or otherwise treated				
3279920211	Ground crude fire clay, high alumina clay, and silica fire clay		SV		
3279920221	Clays, artificially activated with acid or other materials	short tons	S		
32799203	Other minerals and earths, ground or otherwise treated				
3279920311	Exfoliated vermiculite aggregate	1,000 cu ft	S		
3279920321	Other exfoliated vermiculite (such as loose fill insulation, acoustical, etc.)	1,000 cu ft	S		
3279920330	Dead-burned magnesia or magnesite		SV		
3279920331	Dead-burned magnesia or magnesite, domestic shipments for direct use as finished refractory products and all exported material	metric tons	S	MA327C	
3279920336	Dead-burned magnesia or magnesite, all other domestic shipments predominantly for use as a refractory raw material	metric tons	S	MA327C	
3279920341	Crushed and ground uncalcined gypsum (including gypsum and anhydrite)	short tons	S		
3279920351	Natural graphite (ground, refined, or blended)	short tons	S		
3279920361	Other minerals and earths, ground or otherwise treated (including feldspar, mica, roofing granules, and ground barite)		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</b>				
3279931	MINERAL WOOL FOR THERMAL AND ACOUSTICAL ENVELOPE INSULATION (FOR INSULATING 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		
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				
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 (such as roof insulation) and other mineral wool for thermal and acoustical envelope insulation (for insulating 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>NONMETALLIC MINERAL PRODUCT, NEC</b>				
3279990	<b>NONMETALLIC MINERAL PRODUCTS, NEC</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.