



2016 Minerals Yearbook

STONE, DIMENSION [ADVANCE RELEASE]

STONE, DIMENSION

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U.S. production of dimension stone in 2016 was estimated to be 2.79 million metric tons (Mt) valued at \$445 million, which was a 6% increase in tonnage and a 4% decrease in value compared with production in 2015 (table 1). Exports decreased by 13% in value to \$65.5 million, and imports for consumption decreased in value by 9% to \$2.17 billion. The value of apparent consumption was estimated to be \$2.55 billion in 2016, 8% less than that of 2015. According to data compiled by the U.S. Geological Survey (USGS), U.S. production of dimension stone in 2016 was the highest it had been in the past 10 years. World dimension granite and marble production, including the United States, was estimated to be 155 Mt in 2014, the last year for which data were available (Gussoni, 2016, p. 68). Trade data in this report are from the U.S. Census Bureau. All percentages in the report were calculated using unrounded data.

Dimension stone is natural rock material quarried for the purpose of obtaining blocks or slabs that meet specifications as to size (width, length, and thickness) and shape. Color, grain texture and pattern, and surface finish of the stone also are normal requirements from both customers and the stone industry. Durability (a time measure of the ability of dimension stone to endure and maintain its essential and distinctive characteristics), strength, and the ability of the stone to take a polish are other important selection criteria.

Although various igneous, metamorphic, and sedimentary rocks are used as dimension stone, the principal rock types are granite, limestone, marble, sandstone, and slate. Other varieties of dimension stone that are normally considered to be special minor types include alabaster (massive gypsum) and soapstone (massive talc). A more detailed discussion describing specific types of dimension stone can be found in the 2012 USGS Minerals Yearbook, volume I, Metals and Minerals.

Throughout history, various civilizations have used dimension stone as a building material. With the advent of modern construction materials and techniques (such as reinforced concrete), the use of dimension stone for framework and structural support in buildings diminished. In recent years, most dimension stone has been used in construction applications and for renovation and restoration, with the largest portions being sold or used as ashlar and partially squared pieces, curbing, flagstone, and rough block for building and construction. The major nonconstruction application is monumental stone, which includes memorials of various kinds.

Legislation and Government Programs

One of the most important issues affecting the dimension stone industry has been the potential effect of crystalline silica on human health. The understanding of the regulations, the implementation of the measurements and actions taken to mitigate exposure to crystalline silica, and the appreciation of the effect of such exposure on the future of many industries

remain central to an ongoing debate. On March 23, 2016, the Occupational Safety and Health Administration (OSHA) issued a final ruling on permissible occupational exposure limits to respirable crystalline silica. By issuing the ruling, OSHA amended its existing standards for occupational exposure to respirable crystalline silica. The final rule established a new permissible exposure limit of 50 micrograms of respirable crystalline silica per cubic meter of air as an 8-hour time-weighted average in all industries covered by the rule. The final rule was made effective on June 23, 2016. Phased implementation of the new regulations was scheduled to take effect from 2017 through 2021 (Occupational Safety and Health Administration, 2016, p. 16286, 16288).

Production

Dimension stone production data for the United States were derived by the USGS from a voluntary canvass of U.S. quarry producers of rough and dressed dimension stone. Of the 275 dimension-stone-producing operations included in the survey for 2016, 115 (42%) responded, which represented 50% of the tonnage; the remaining tonnage was estimated based on prior years' reporting and (or) employment data provided by the Mine Safety and Health Administration.

Data in this report cover rough crude quarried stone, irregular-shaped and rectangular blocks, and more highly processed stone. A number of other terms also are used to describe further processing, such as "worked," "dressed," "finished," and "manufactured." These and other terms used by the dimension stone industry describe such features as the mineral composition of the rock, the shape of the product, the method of finishing a stone, and the type of finish applied. No adjustments are made in the data to account for the sometimes substantial losses in processing rough stone into dressed stone. Sold or used data are considered to be equivalent to production because changes in stocks are not surveyed.

In any given year, commercial and residential construction accounts for a significant portion of the consumption of dimension stone of all types. In 2016, construction of new homes slowed, which, coupled with a shortage of quality housing, contributed to increased activity in improvement of existing homes. By yearend 2016, brisk activity from domestic stone installation businesses indicated that residential and commercial renovation and refurbishment remained important end markets for dimension stone, and these activities were expected to continue an upward trend in 2017 (Marble Institute of America, 2016, p. 24).

In 2016, limestone accounted for 1.49 Mt (53%) of the total domestic dimension stone production quantity of 2.79 Mt, followed by granite (21%), sandstone (14%), miscellaneous stone (8%), marble (2%), and slate (2%). By value, limestone accounted for about \$184 million (41%) of the \$445 million

total domestic production value, followed by granite (29%), sandstone (11%), miscellaneous stone (10%), slate (4%), and marble (4%) (table 2).

Production of dimension stone was reported in 34 States. Leading producer States were, in descending order by tonnage, Texas, Indiana, Wisconsin, Massachusetts, and Georgia. These States accounted for about 69% of domestic production. Leading producer States were, in descending order by value, Texas, Indiana, Massachusetts, Wisconsin, and Vermont. These States contributed about 63% of the value of domestic production (table 3).

The top five producing companies were KC Materials, Inc. in Texas; Buechel Stone Corp. in Wisconsin; Mezger Enterprises, Inc. in Texas; Fletcher Granite Co. in Massachusetts; and Rock of Ages Corp. in Vermont. These companies accounted for about 24% of domestic production tonnage and about 15% of production value. The leading 15 companies accounted for 46% of total domestically produced tonnage and 40% of production value.

In 2016, Canada's Polycor Inc. announced the acquisition of United States granite producers Rock of Ages Corp. and Swenson Granite Works. Terms of the acquisition were not disclosed, but employee layoffs or plant closures were not planned at the acquired companies. Along with Polycor Inc.'s ownership of U.S. marble producer, Georgia Marble Co., Polycor Inc. became the largest dimension granite and marble producer in North America (Stone Update, 2016).

Rough stone blocks split or cut from a quarry face are transported to processing plants that typically are located at the quarry site, at least for preliminary sizing. Further dressing, which includes final sizing and finishing operations, such as decorating, edging, and polishing, also may be done at the quarry site.

Granite.—Dimension granite was produced by 38 companies operating 54 quarries in 17 States. Production was 593,000 metric tons (t) valued at \$130 million. Granite production tonnage increased slightly and the value decreased slightly compared with those of 2015. The top producing States were, in descending order by tonnage, Massachusetts and Georgia, and they accounted for 47% of the tonnage and 39% of the value of U.S. granite production (table 4). Coldspring Granite Co., Fletcher Granite, North Carolina Granite Corp., Rock of Ages, and Williams Stone Co. Inc., which were the leading producers, accounted for 61% of U.S. granite production by tonnage and 71% by value.

Limestone.—Dimension limestone was produced by 78 companies from 86 quarries in 18 States. Production increased by 31% in 2016 to 1.49 Mt from 1.13 Mt in 2015. The value increased by 9% to \$184 million in 2016 from \$168 million in 2015. The top five producing States were, in descending order by tonnage, Texas, Indiana, Wisconsin, Tennessee, and Kansas, which combined produced 94% of U.S. tonnage and 91% of the value (table 5). Buechel Stone; Howard Pierce and Sons Stone Co.; Indiana Limestone Co.; KC Materials; and Mezger Enterprises, which were the leading producers, accounted for about 42% of all U.S. limestone tonnage and about 23% of the value.

Marble.—Marble was mined by five companies that operated eight quarries in four States. Production tonnage decreased

slightly in 2016 to 59,100 t valued at \$18.9 million from 59,900 t valued at \$17 million in 2015 (table 10). Tennessee was the leading producing State by tonnage, followed by Vermont, Colorado, and Georgia. The leading producers were Tennessee Marble Co. and Vermont Quarries Corp.

Sandstone.—Dimension sandstone was produced by 58 companies that operated 66 quarries in 16 States. Production tonnage decreased by 20% to 377,000 t in 2016 from 473,000 t in 2015. The production value decreased by 18% to \$47.9 million in 2016 from \$58.4 million in 2015 (table 6). The top five producing States were, in descending order by tonnage, Texas, Arizona, Oklahoma, Pennsylvania, and New York and accounted for 82% of U.S. tonnage and 72% of value. Millsap Materials LLC; Harley Gray Stone Co.; Howard Pierce and Sons; Drake Stone Products Inc.; TBK Materials LLC; and MBK Associates LLC, which were the leading producers, accounted for about 39% of the tonnage and 18% of the value of domestic production.

Slate.—Slate was produced by 13 companies that operated 14 quarries in six States. Production tonnage increased slightly to 43,300 t in 2016 from 42,900 t in 2015. The value increased by 3% to \$19.7 million in 2016 from \$19.1 million in 2015 (table 12). The top producing States by tonnage were Vermont, Idaho, and Pennsylvania. The leading producers were Quarry Slate Industries Inc.; Scrivanich Natural Stone; and Western Slate Inc.

Consumption

For the purposes of this report, apparent consumption is defined as production plus imports for consumption minus exports. Value data are used in the apparent consumption calculation because tonnage data are not available for imports and exports. Overall, the value of apparent consumption of dimension stone in the United States was estimated to be \$2.55 billion in 2016, 8% less than that of 2015 (table 1).

In 2016, rough stone represented about 58% of the tonnage and 44% of the value of all dimension stone sold or used by domestic producers, which included exports. The leading uses of rough stone, by tonnage, were in building and construction (48%) and irregular-shaped stone (40%). Dressed stone represented 42% by tonnage and 56% by value of the total stone sold or used. The leading uses within dressed stone, by tonnage, were in ashlars and partially squared pieces (39%), curbing (14%), and other uses (13%) (table 7).

Uses for the different varieties of dimension stone varied considerably. The major uses of granite sold or used in 2016, by tonnage, were in curbing (28%), monumental rough stone (15%), rough blocks for building and construction (15%), and in dressed stone for other uses (13%) (table 8). Primary uses of limestone, by tonnage, were in irregular-shaped stone (36%), rough blocks for building and construction (32%), and ashlars and partially squared pieces (21%) (table 9). A primary use of marble, by tonnage, was in rough stone for building and construction (38%). Additional details on uses of marble have been withheld to avoid disclosing company proprietary data (table 10). Primary uses of sandstone, by tonnage, were in rough blocks for building and construction (35%) and dressed stone

for other uses (18%) (table 11). Dimension slate sold or used by producers in the United States in 2016, by tonnage, was principally for roofing (50%) and flagging (43%) (table 12).

Prices

The average 2016 value as reported by domestic producers for dimension stone was \$160 per metric ton, a 9% decrease from that of 2015 based on the USGS canvass data. The average unit values for various types of dimension stone were granite, \$219 per ton; limestone, \$124 per ton; marble, \$320 per ton; sandstone, \$127 per ton; and slate, \$454 per ton (table 2). Available price data show considerable variation. Prices are substantially different not only for the type of stone but also for the appearance of the same type of stone. Color, grain structure, and finish contribute significantly to price and marketability.

Foreign Trade

Exports.—In 2016, the value of total exports of dimension stone decreased by 13% to \$65.5 million compared with that of 2015; various types of marble accounted for 36% of the export value. The largest share of marble was exported to Canada (table 13). Although unreported, a significant quantity of U.S. marble processed overseas probably was exported back to the U.S. market.

Imports.—The value of imports for consumption of dimension stone decreased by 9% in 2016 to \$2.17 billion (tables 1, 15, 16, 17). Brazil continued to be the leading source of imported granite in 2016, accounting for 46% by value. China, which was a major source of granite, accounted for 24% of granite imports by value. Other important import sources of granite included India (15%) and Italy (8%) (table 15). In 2016, China was the leading source of rough and dressed marble imports and accounted for about 28% by tonnage and 25% by value. Turkey remained a major source of rough and dressed marble imports and accounted for 23% by tonnage and 14% by value. Italy continued to be a major source of rough and dressed marble imports and accounted for 20% by tonnage and 35% by value. In 2016, Italy again had the highest total value of rough and dressed marble imports (tables 16, 17). Duties on imported dimension stone are listed in table 14.

World Review

World dimension granite and marble production, including the United States, was estimated to be approximately 155 Mt in 2014, the last year for which data were available. Although some small-scale production was likely in many nations, dimension granite and marble were produced and officially reported in 27 countries. The top five producing countries in 2014 were, in descending order by tonnage, China, India, Turkey, Iran, and Italy, and these countries accounted for about 74% of the world's dimension granite and marble production. Global production of dimension granite and marble increased by 12% in 2014 compared with that of 2013. The United States ranked 18th in world production of dimension granite and marble in 2014 (Gussoni, 2016, p. 68).

Outlook

U.S. apparent consumption of dimension stone decreased by 8% in 2016. Domestic production of dimension stone increased in 2016. Both exports and imports of dimension stone decreased in 2016. The change in U.S. apparent consumption of dimension stone in 2016 was likely the result of a combination of slow growth in new commercial and residential construction and robust activity in the home remodeling and renovation market. By yearend 2016, brisk activity from domestic stone installation businesses indicated that residential and commercial renovation and refurbishment remain important end markets for dimension stone, and these activities are expected to continue an upward trend in 2017.

References Cited

- Gussoni, Manuela, 2016, Stone sector 2016—Annual report and prospects for the international stone trade: Marina di Carrara, Italy, Internazionale Marmi e Macchine Carrara S.p.A., 104 p. (Accessed April 17, 2018, at <http://newsite.immcarrara.com/wp-content/uploads/2018/03/SS2016.pdf>.)
- Marble Institute of America, 2016, The cutting edge—The construction corner—Remodeling rates and home builder confidence increase in late 2016: Oberlin, OH, Marble Institute of America, November/December, 30 p.
- Occupational Safety and Health Administration, 2016, Occupational exposure to respirable crystalline silica: The Federal Register, v. 81, no. 58, March 25, p. 16286–16890. (Accessed September 22, 2017, via <https://www.federalregister.gov/documents/2016/03/25/2016-04800/occupational-exposure-to-respirable-crystalline-silica>.)
- Stone Update, 2016, Polycor acquires Rock of Ages, Swenson Granite: Stone Update [Palm Springs, CA], September 16. (Accessed December 8, 2016, at <http://www.stoneupdate.com/news-info/latest-stuff/1195-polycor-acquires-rock-of-ages-swenson-granite>.)

GENERAL SOURCES OF INFORMATION

U.S. Geological Survey Publications

- Construction Stone. Ch. in United States Mineral Resources, Professional Paper 820, 1973.
- Historical Statistics for Mineral and Material Commodities in the United States. Data Series 140.
- Stone (Dimension). Ch. in Mineral Commodity Summaries, annual.

Other

- American Monument Association.
- Barre [VT] Granite Association.
- Building Stone Magazine. Building Stone Institute, quarterly.
- Dimensional Stone. Ashlee Publishing Co., Inc., monthly.
- Elberton Granite Association, Inc.
- Glossary of Stone Terms. Stone World, Business News Publishing Co., December 2005.
- Indiana Limestone Institute of America, Inc.
- Industrial Minerals. Metal Bulletin plc, monthly (with particular references in July 1984, February 1991, November 1991, and February 1996).
- Marble Institute of America.
- Stone, Dimension. Ch. in Industrial Minerals and Rocks (7th ed.), Society for Mining, Metallurgy, and Exploration, Inc., 2006.
- Stone, Dimension. Ch. in Mineral Facts and Problems, U.S. Bureau of Mines Bulletin 675, 1985.
- Stone World. Business News Publishing Co., monthly.

TABLE 1
SALIENT U.S. DIMENSION STONE STATISTICS¹

(Thousand metric tons and thousand dollars)

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|--|---------------------|---------------------|------------------------|------------------------|-----------|
| Sold or used by producers: | | | | | |
| Quantity | 2,150 | 2,280 | 2,470 | 2,630 | 2,790 |
| Value | 452,000 | 459,000 | 470,000 | 461,000 | 445,000 |
| Exports, value | 64,800 ^r | 61,100 ^r | 70,300 | 74,900 ^r | 65,500 |
| Imports for consumption, value | 1,740,000 | 2,100,000 | 2,230,000 ^r | 2,380,000 ^r | 2,170,000 |
| Apparent consumption, value ² | 2,130,000 | 2,500,000 | 2,630,000 ^r | 2,760,000 ^r | 2,550,000 |

^rRevised.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits.

²Equals value of sold or used by producers plus imports for consumption minus exports.

TABLE 2
DIMENSION STONE SOLD OR USED BY PRODUCERS IN
THE UNITED STATES, BY TYPE^{1,2}

| Type | 2015 | | 2016 | |
|----------------------------------|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Granite | 585,000 | \$130,000 | 593,000 | \$130,000 |
| Limestone | 1,130,000 | 168,000 | 1,490,000 | 184,000 |
| Marble | 59,900 ^r | 17,000 | 59,100 | 18,900 |
| Sandstone | 473,000 | 58,400 | 377,000 | 47,900 |
| Slate | 42,900 | 19,100 | 43,300 | 19,700 |
| Miscellaneous stone ³ | 342,000 ^r | 68,400 | 227,000 | 44,700 |
| Total | 2,630,000 | 461,000 | 2,790,000 | 445,000 |

^rRevised.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Does not include American Samoa, Guam, Puerto Rico, and the U.S. Virgin Islands.

³Includes any other type of stone used as building stone and commercial stone that does not fit other listed categories.

TABLE 3
DIMENSION STONE SOLD OR USED BY PRODUCERS IN
THE UNITED STATES, BY STATE¹

| State | 2015 | | 2016 | |
|----------------|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Alabama | W | W | W | W |
| Arizona | 62,000 | \$6,660 | 70,100 | \$5,850 |
| Arkansas | 10,300 | 1,290 | 8,280 | 1,110 |
| California | 20,800 | 7,780 | 17,200 | 6,750 |
| Colorado | 20,300 | 9,570 | 20,300 | 10,200 |
| Connecticut | W | W | W | W |
| Georgia | 140,000 | 13,000 | 139,000 | 13,100 |
| Idaho | 44,700 | 7,050 | 46,400 | 7,970 |
| Illinois | W | W | W | W |
| Indiana | 211,000 | 39,700 | 236,000 | 42,800 |
| Kansas | 11,100 | 1,090 | 12,600 | 1,270 |
| Maine | 3,380 | 1,840 | 3,380 | 1,880 |
| Maryland | 3,580 | 728 | 5,530 | 1,380 |
| Massachusetts | 160,000 | 41,900 | 159,000 | 40,200 |
| Michigan | W | W | W | W |
| Minnesota | 51,200 | 20,800 | 51,500 | 20,500 |
| Missouri | W | W | W | W |
| Montana | 24,400 | 1,000 | W | W |
| Nevada | W | W | W | W |
| New Hampshire | W | W | W | W |
| New Mexico | W | W | W | W |
| New York | 126,000 | 17,200 | 92,700 | 13,200 |
| North Carolina | 91,400 | 18,600 | 92,400 | 18,000 |
| Ohio | 22,300 | 6,070 | 16,700 | 6,810 |
| Oklahoma | 66,700 | 5,920 | 67,300 | 5,790 |
| Pennsylvania | 42,300 | 6,410 | 40,700 | 6,600 |
| South Carolina | W | W | -- | -- |
| South Dakota | W | W | W | W |
| Tennessee | 52,300 | 10,200 | 56,600 | 9,840 |
| Texas | 1,060,000 | 142,000 | 1,180,000 | 130,000 |
| Utah | 5,900 | 620 | 7,440 | 996 |
| Vermont | 87,100 | 27,900 | 98,800 | 29,100 |
| Virginia | 12,400 | 7,690 | 13,400 | 8,360 |
| Washington | W | W | W | W |
| Wisconsin | 199,000 | 41,200 | 225,000 | 38,500 |
| Other | 109,000 ^r | 24,700 ^r | 129,000 | 24,700 |
| Total | 2,630,000 | 461,000 | 2,790,000 | 445,000 |

^rRevised. W Withheld to avoid disclosing company proprietary data; included in "Other." -- Zero.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

TABLE 4
DIMENSION GRANITE SOLD OR USED BY PRODUCERS IN
THE UNITED STATES, BY STATE¹

| State | 2015 | | 2016 | |
|--------------------|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Georgia | 130,000 | \$10,900 | 128,000 | \$11,000 |
| Maine | 3,380 | 1,840 | 3,380 | 1,880 |
| Massachusetts | 156,000 | 41,100 | 153,000 | 39,000 |
| Vermont | 49,800 | 11,500 | 61,600 | 12,200 |
| Other ² | 246,000 | 64,700 | 247,000 | 65,500 |
| Total | 585,000 | 130,000 | 593,000 | 130,000 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes California, Connecticut, Maryland, Minnesota, Missouri, New Hampshire, New York, North Carolina, Oklahoma, South Carolina (2015), South Dakota, Texas, Virginia, and Wisconsin.

TABLE 5
DIMENSION LIMESTONE SOLD OR USED BY PRODUCERS IN
THE UNITED STATES, BY STATE¹

| State | 2015 | | 2016 | |
|--------------------|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Indiana | 211,000 | \$39,700 | 236,000 | \$42,800 |
| Kansas | 10,900 | 1,050 | 12,400 | 1,240 |
| Tennessee | 12,000 | 1,630 | 20,200 | 2,330 |
| Texas | 803,000 | 107,000 | 995,000 | 102,000 |
| Wisconsin | 17,600 | 4,170 | 139,000 | 18,600 |
| Other ² | 76,400 | 14,800 | 83,400 | 16,700 |
| Total | 1,130,000 | 168,000 | 1,490,000 | 184,000 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes Alabama, Arkansas, California, Connecticut, Idaho, Illinois, Minnesota, New Hampshire (2016), New York, Ohio, Oklahoma, Utah, Virginia, and Washington (2015).

TABLE 6
DIMENSION SANDSTONE SOLD OR USED BY PRODUCERS IN
THE UNITED STATES, BY STATE¹

| State | 2015 | | 2016 | |
|--------------------|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Arizona | 57,900 ^r | \$6,180 ^r | 66,100 | \$5,390 |
| Arkansas | 9,790 | 1,240 | 7,730 | 1,040 |
| Colorado | 10,200 | 3,870 | 9,040 | 1,810 |
| New York | 43,300 | 1,570 | 18,900 | 1,270 |
| Ohio | 17,400 | 5,510 | 13,500 | 6,770 |
| Oklahoma | 37,800 | 3,790 | 42,700 | 3,800 |
| Pennsylvania | 31,400 | 3,790 | 30,600 | 4,210 |
| Tennessee | 20,300 | 1,890 | 14,900 | 1,650 |
| Texas | 226,000 | 28,600 | 152,000 | 19,700 |
| Other ² | 19,000 ^r | 2,010 ^r | 20,800 | 2,200 |
| Total | 473,000 | 58,400 | 377,000 | 47,900 |

^rRevised.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes Kansas, Maryland, Michigan, Montana, North Carolina (2016), Washington (2016), and Wisconsin.

TABLE 7
DIMENSION STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY USE¹

| Use | 2015 | | 2016 | |
|--|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Rough stone: | | | | |
| Rough blocks for building and construction | 911,000 | \$139,000 | 773,000 | \$121,000 |
| Irregular-shaped stone | 481,000 | 54,000 | 650,000 | 49,600 |
| Monumental | 144,000 | 17,100 | 115,000 | 15,600 |
| Other ² | 29,400 | 11,600 | 82,200 | 10,500 |
| Dressed stone: | | | | |
| Ashlars and partially squared pieces | 465,000 | 79,100 | 458,000 | 78,300 |
| Slabs and blocks for building and construction | 57,400 | 13,700 | 52,600 | 12,900 |
| Monumental | 22,500 | 11,000 | 71,300 | 25,700 |
| Curbing | 205,000 | 44,800 | 167,000 | 31,800 |
| Flagging | 123,000 | 16,700 | 122,000 | 12,200 |
| Flagging (slate) | 19,300 | 4,530 | 18,600 | 4,410 |
| Panels and veneer | 63,600 | 25,400 | 96,800 | 31,100 |
| Roofing slate | 21,900 | 13,000 | 21,800 | 13,500 |
| Flooring slate | 757 | 1,160 | 904 | 1,220 |
| Tile, all dimensions | 2,350 | 97 | 1,330 | 201 |
| Other ³ | 89,200 | 30,100 | 156,000 | 36,700 |
| Total | 2,630,000 | 461,000 | 2,790,000 | 445,000 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes flagging stone, exports, uses not specified, and uses not listed.

³Includes blackboards, exports, structural and sanitary, uses not specified, and uses not listed.

TABLE 8
DIMENSION GRANITE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY USE¹

| Use | 2015 | | 2016 | |
|--|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Rough stone: | | | | |
| Rough blocks for building and construction | 111,000 | \$31,700 | 88,100 | \$27,400 |
| Irregular-shaped stone | 72,600 | 1,910 | 64,300 | 2,110 |
| Monumental | 116,000 | 12,200 | 91,100 | 11,700 |
| Other ² | 9,230 | 2,700 | 18,200 | 1,650 |
| Dressed stone: | | | | |
| Ashlars and partially squared pieces | 14,200 | 8,080 | 12,200 | 6,880 |
| Slabs and blocks for building and construction | 6,980 | 1,430 | 6,950 | 1,330 |
| Monumental | 22,500 | 11,000 | 71,300 | 25,700 |
| Curbing | 203,000 | 44,600 | 165,000 | 31,400 |
| Other ³ | 29,500 | 16,400 | 75,700 | 21,400 |
| Total | 585,000 | 130,000 | 593,000 | 130,000 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes exports and uses not listed.

³Includes panels and veneer, tile, uses not specified, and uses not listed.

TABLE 9
DIMENSION LIMESTONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY USE¹

| Use | 2015 | | 2016 | |
|--|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Rough stone: | | | | |
| Rough blocks for building and construction | 495,000 | \$71,600 | 469,000 | \$67,700 |
| Irregular-shaped stone | 259,000 | 28,000 | 537,000 | 40,500 |
| Other ² | 7,680 | 3,530 | 17,200 | 2,570 |
| Dressed stone: | | | | |
| Ashlars and partially squared pieces | 252,000 | 37,600 | 309,000 | 43,100 |
| Slabs and blocks for building and construction | 14,400 | 2,320 | 13,000 | 1,990 |
| Flagging | 19,100 | 1,580 | 32,000 | 3,110 |
| Panels and veneer | 32,200 | 8,480 | 49,400 | 10,100 |
| Other ³ | 51,500 | 15,100 | 61,200 | 14,700 |
| Total | 1,130,000 | 168,000 | 1,490,000 | 184,000 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes exports, monumental, and uses not listed.

³Includes curbing limestone, monumental, tile, uses not specified, and uses not listed.

TABLE 10
DIMENSION MARBLE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY USE¹

| Use | 2015 | | 2016 | |
|---|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Rough stone, rough blocks for building and construction | 21,500 | \$3,270 | 22,200 | \$3,880 |
| Dressed stone ² | W | W | W | W |
| Other ^{2,3} | W | W | W | W |
| Total | 59,900 ^r | 17,000 | 59,100 | 18,900 |

^rRevised. W Withheld to avoid disclosing company proprietary data; included in total.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes slabs and blocks, exports, flagging, monumental, panels and veneer, ashlars and partially squared pieces, tile, and uses not listed.

³Includes monumental stone, uses not specified, and uses not listed.

TABLE 11
DIMENSION SANDSTONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY USE¹

| Use | 2015 | | 2016 | |
|--|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Rough stone: | | | | |
| Rough blocks for building and construction | 207,000 | \$24,200 | 133,000 | \$16,700 |
| Irregular-shaped stone | 46,500 | 3,500 | 27,000 | 3,540 |
| Other ² | 20,000 | 2,270 | 17,000 | 1,930 |
| Dressed stone: | | | | |
| Ashlars and partially squared pieces | 94,300 | 15,100 | 47,200 | 9,560 |
| Flagging | 71,300 | 6,510 | 60,500 | 4,440 |
| Panels and veneer | 8,710 | 2,370 | 12,300 | 5,110 |
| Slabs and blocks for building and construction | 15,900 | 1,470 | 12,700 | 1,650 |
| Other ³ | 10,100 | 3,010 | 67,200 | 4,960 |
| Total | 473,000 | 58,400 | 377,000 | 47,900 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes monumental and uses not specified.

³Includes tile, curbing, exports, uses not specified, and uses not listed.

TABLE 12
DIMENSION SLATE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY USE¹

| Use | 2015 | | 2016 | |
|--------------------|---------------------------|----------------------|---------------------------|----------------------|
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| Flagging | 19,300 | \$4,530 | 18,600 | \$4,410 |
| Roofing | 21,900 | 13,000 | 21,800 | 13,500 |
| Flooring | 757 | 1,160 | 904 | 1,220 |
| Other ² | 966 | 430 | 2,060 | 510 |
| Total | 42,900 | 19,100 | 43,300 | 19,700 |

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes structural and sanitary purposes, uses not specified, and uses not listed.

TABLE 13
U.S. EXPORTS OF DIMENSION STONE, BY TYPE¹

(Thousand metric tons and thousand dollars)

| Type | 2015 | | 2016 | | Major destination in 2016, by value |
|---|-----------------|---------------------|----------|--------|--|
| | Quantity | Value | Quantity | Value | |
| Marble, travertine, alabaster worked ² | 88 ^r | 10,100 ^r | 89 | 8,930 | Canada, 50%. |
| Marble, travertine, crude or roughly trimmed | 11 | 13,100 | 11 | 10,900 | Italy, 93%. |
| Marble, travertine, merely cut, by sawing or otherwise ³ | 5 | 4,520 ^r | 4 | 3,690 | Canada, 34%. |
| Granite, crude or roughly trimmed | 55 | 21,000 | 41 | 13,900 | China, 53%. |
| Granite, merely cut, by sawing or otherwise ³ | 17 ^r | 5,580 ^r | 22 | 7,140 | Canada, 74%. |
| Slate, worked and articles of slate | NA | 3,400 | NA | 2,270 | Canada, 50%. |
| Slate, whether or not roughly trimmed or merely cut ³ | NA | 650 | NA | 276 | Canada, 43%. |
| Other calcareous monumental or building stone; alabaster ⁴ | 33 | 10,800 | 28 | 11,300 | Canada, 89%. |
| Other monumental or building stone ⁵ | 20 | 5,650 ^r | 27 | 7,160 | Canada, 89%. |
| Total | XX | 74,900 ^r | XX | 65,500 | |

^rRevised. NA Not available. XX Not applicable.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Further worked than simply cut with a flat surface.

³Blocks or slabs.

⁴Crude, roughly trimmed, or merely cut into blocks or slabs. Other than marble and travertine.

⁵Crude, roughly trimmed, or merely cut into blocks or slabs. Other than calcareous stone and alabaster, granite, sandstone, slate, dolomite, quartzite, and steatite.

Source: U.S. Census Bureau.

TABLE 14
U.S. IMPORT DUTIES ON DIMENSION STONE¹

| Tariff item | HTS ² code | NTR, ³ January 1, 2016 | Non-NTR, ³ January 1, 2016 |
|---|-----------------------|--------------------------------------|--|
| Slate, rough blocks or slabs | 2514.00.0000 | Free | 25% ad valorem. |
| Rough blocks or slabs of marble, travertine, other calcareous monumental or building stone: | 2515.00.0000 | | |
| Marble and travertine: | | | |
| Crude or roughly trimmed | 2515.11.0000 | do. | \$22.95 per cubic meter. |
| Marble, merely cut | 2515.12.1000 | do. | 13% ad valorem. |
| Travertine, merely cut | 2515.12.2000 | 3.0% ad valorem | 50% ad valorem. |
| Other calcareous stone, alabaster | 2515.20.0000 | do. | Do. |
| Rough blocks or slabs of granite, porphyry, basalt, sandstone, other monumental or building stone: | 2516.00.0000 | | |
| Granite: | | | |
| Crude or roughly trimmed | 2516.11.0000 | Free | \$8.83 per cubic meter. |
| Merely cut | 2516.12.0000 | 2.8% ad valorem | 60% ad valorem. |
| Sandstone: | | | |
| Crude or roughly trimmed | 2516.20.1000 | Free | \$5.30 per cubic meter. |
| Merely cut | 2516.20.2000 | 3.0% ad valorem | 50% ad valorem. |
| Other monumental or building stone | 2516.90.0000 | do. | Do. |
| Setts, curbstones, flagstones | 6801.00.0000 | 2.8% ad valorem | 60% ad valorem. |
| Worked monumental or building stone: | 6802.00.0000 | | |
| Tiles and cubes under 7 centimeters square, granules | 6802.10.0000 | 4.8% ad valorem | 40% ad valorem. |
| Other stone and articles with a flat or even surface: | | | |
| Marble, travertine, and alabaster: | 6802.21.0000 | | |
| Travertine | 6802.21.1000 | 4.2% ad valorem | 50% ad valorem. |
| Other | 6802.21.5000 | 1.9% ad valorem | 13% ad valorem. |
| Granite | 6802.23.0000 | 3.7% ad valorem | 60% ad valorem. |
| Other calcareous stone | 6802.29.1000 | 4.9% ad valorem | 50% ad valorem. |
| Other stone | 6802.29.9000 | 6.0% ad valorem | 30% ad valorem. |
| Other: | | | |
| Marble, travertine, and alabaster: | 6802.91.0000 | | |
| Marble: | | | |
| Slabs | 6802.91.0500 | 2.5% ad valorem | 15% ad valorem. |
| Other | 6802.91.1500 | 4.9% ad valorem | 50% ad valorem. |
| Travertine: | | | |
| Travertine articles of subheading 6802.21.1000 that have been dressed or polished but not further worked | 6802.91.2000 | 4.2% ad valorem | 50% ad valorem. |
| Other | 6802.91.2500 | 3.7% ad valorem | 40% ad valorem. |
| Alabaster | 6802.91.3000 | 4.7% ad valorem | 50% ad valorem. |
| Other calcareous stone | 6802.92.0000 | 4.9% ad valorem | Do. |
| Granite | 6802.93.0000 | 3.7% ad valorem | 60% ad valorem. |
| Other stone | 6802.99.0000 | 6.5% ad valorem | 40% ad valorem. |
| Worked slate and articles: | 6803.00.0000 | | |
| Roofing slate | 6803.00.1000 | 3.3% ad valorem | 25% ad valorem. |
| Other | 6803.00.5000 | Free | Do. |

Do., do. Ditto.

¹Table includes data available through April 24, 2018.

²Harmonized Tariff Schedule of the United States.

³Normal trade relations.

TABLE 15
U.S. IMPORTS FOR CONSUMPTION OF DIMENSION GRANITE, BY COUNTRY OR LOCALITY¹

(Thousand dollars)

| Country or locality | Dressed | | | | | | | | | Total worked | Total dressed |
|---------------------|----------------------------|-------------------------|------------------------------|--------------------------|---------------------|-------------------------|---------------------|---------------------|----------------------|----------------------|---------------|
| | Worked granite | | | | | | | | | | |
| | Rough granite ² | Simply cut ³ | Not cut to size ⁴ | Cut to size ⁵ | | | | | | | |
| | | | | Maximum 1.5 centimeters | 1.5–7.5 centimeters | Minimum 7.5 centimeters | | | | | |
| | | | | | Monumental | Building | Other | | | | |
| 2015: | | | | | | | | | | | |
| Argentina | 34 ^r | -- | 21 | -- | 346 | -- | 62 | 192 | 621 | 621 | |
| Brazil | 644 ^r | 1,870 ^r | 127,000 | 1,600 | 409,000 | 73 | 2,020 | 97,600 | 638,000 | 640,000 | |
| Canada | 3,910 | 902 ^r | 766 | 1,080 | 5,260 ^r | 5,200 ^r | 14,300 | 2,970 | 29,600 | 30,500 | |
| China | 2,170 ^r | 17,000 | 10,500 | 5,540 ^r | 124,000 | 20,400 | 9,560 ^r | 93,400 ^r | 264,000 ^r | 281,000 ^r | |
| Finland | 13 | -- | -- | -- | -- | -- | 4 | 3 | 7 | 7 | |
| India | 2,430 ^r | 11,900 ^r | 17,600 | 1,760 | 119,000 | 16,900 ^r | 2,480 | 25,600 | 184,000 | 195,000 ^r | |
| Italy | 356 ^r | 1,750 | 15,100 | 801 | 79,800 | 100 | 1,180 | 23,700 | 121,000 | 122,000 ^r | |
| Japan | -- | -- | -- | -- | -- | -- | 40 | 52 | 92 | 92 | |
| Mexico | 7 | 30 | 151 | -- | 278 | 55 | 2 | 48 | 534 | 564 | |
| Norway | 122 ^r | -- | -- | -- | 11 | -- | 40 | -- | 51 | 51 | |
| Portugal | -- | 38 | 81 | 24 | 604 | -- | 25 | 196 | 930 | 968 | |
| Saudi Arabia | -- | 33 | 516 | -- | 2,180 | -- | 16 | 145 ^r | 2,850 ^r | 2,890 ^r | |
| South Africa | 832 ^r | 68 | 691 | 40 | 2,850 | 23 | -- | 511 | 4,110 | 4,180 | |
| Spain | 29 ^r | 262 ^r | 5,330 | 92 | 19,500 | -- | 35 | 3,750 | 28,700 | 29,000 ^r | |
| United Kingdom | 865 ^r | 102 | -- | -- | 27 | -- | -- | 28 | 55 | 157 | |
| Zimbabwe | -- | -- | 22 | -- | 53 | -- | -- | -- | 75 | 75 | |
| Other | 524 ^r | 692 | 1,600 | 244 | 7,260 ^r | 105 | 113 | 2,910 | 12,200 ^r | 12,900 ^r | |
| Total | 11,900 ^r | 34,600 ^r | 180,000 | 11,200 ^r | 771,000 | 42,900 ^r | 29,900 ^r | 251,000 | 1,290,000 | 1,320,000 | |
| 2016: | | | | | | | | | | | |
| Argentina | -- | -- | 4 | -- | 251 | -- | 22 | 183 | 460 | 460 | |
| Brazil | 966 | 1,130 | 114,000 | 926 | 321,000 | 74 | 1,640 | 70,700 | 508,000 | 509,000 | |
| Canada | 3,750 | 1,110 | 790 | 812 | 2,840 | 7,570 | 4,430 | 3,800 | 20,200 | 21,400 | |
| China | 2,360 | 15,000 | 10,200 | 4,470 | 110,000 | 21,200 | 8,780 | 93,700 | 248,000 | 263,000 | |
| Finland | 7 | -- | 5 | -- | -- | -- | -- | 3 | 8 | 8 | |
| India | 1,310 | 2,920 | 18,100 | 1,140 | 107,000 | 18,100 | 2,030 | 19,900 | 167,000 | 169,000 | |
| Italy | 638 | 1,170 | 8,440 | 474 | 65,500 | 20 | 1,030 | 16,000 | 91,500 | 92,700 | |
| Japan | -- | 5 | -- | -- | 2 | -- | 27 | 77 | 106 | 111 | |
| Mexico | -- | 91 | 209 | -- | 310 | 19 | -- | 61 | 599 | 690 | |
| Norway | 170 | -- | -- | -- | 2 | -- | 33 | 8 | 43 | 43 | |
| Portugal | 3 | 44 | 140 | -- | 244 | -- | -- | 80 | 464 | 508 | |
| Saudi Arabia | -- | 21 | 445 | -- | 1,540 | -- | -- | 181 | 2,160 | 2,190 | |
| South Africa | 1,220 | 87 | 366 | -- | 2,380 | -- | -- | 477 | 3,220 | 3,310 | |
| Spain | -- | 119 | 5,210 | 283 | 22,100 | -- | 498 | 4,450 | 32,500 | 32,600 | |
| United Kingdom | 329 | 12 | 17 | -- | -- | -- | 22 | 5 | 44 | 56 | |
| Zimbabwe | -- | -- | 59 | -- | 84 | -- | -- | -- | 143 | 143 | |
| Other | 475 | 1,070 | 1,030 | 61 | 3,440 | 69 | 98 | 2,800 | 7,490 | 8,570 | |
| Total | 11,200 | 22,800 | 159,000 | 8,160 | 637,000 | 47,000 | 18,600 | 212,000 | 1,080,000 | 1,100,000 | |

^rRevised. -- Zero.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Normal quarry products. Includes crude or roughly trimmed and roughly cut by sawing or otherwise; Harmonized Tariff Schedule of the United States (HTS) codes 2516.11.0000, 2516.12.0030, and 2516.12.0060.

³Only one face worked more than simply cut; HTS code 6802.93.0010.

⁴One or more faces worked more than simply cut.

⁵Granite, monumental, or building stone, simply cut with a flat even surface; HTS code 6802.23.0000.

Source: U.S. Census Bureau.

TABLE 16
U.S. IMPORTS FOR CONSUMPTION OF MAJOR CATEGORIES OF DIMENSION MARBLE AND OTHER CALCAREOUS
STONE, BY COUNTRY OR LOCALITY¹

| Country or locality | Dressed | | | | | | | |
|---------------------|----------------------------|-----------------------|----------------------------|----------------------|-------------------------------------|----------------------|---------------------------|----------------------|
| | Marble, slabs ³ | | Marble, other ⁴ | | Other calcareous stone ⁵ | | Rough marble ² | |
| | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) | Quantity (metric tons) | Value (thousands) |
| 2015: | | | | | | | | |
| Brazil | 19,400 ^r | \$25,000 ^r | 434 ^r | \$954 ^r | 333 | \$510 | 1 ^r | \$2 ^r |
| Canada | 29 | 223 | 977 ^r | 3,780 ^r | 29,000 | 7,320 ^r | 22 | 50 |
| China | 79,900 ^r | 58,100 | 82,600 ^r | 129,000 ^r | 32,200 | 21,300 | 324 | 381 |
| Egypt | 1,250 | 634 | 4,150 | 2,180 | 1,610 | 1,100 | 1,750 | 486 |
| France | 414 ^r | 1,090 ^r | 162 ^r | 1,030 ^r | 7,320 ^r | 6,940 ^r | 69 | 59 |
| Greece | 7,170 | 10,900 | 5,900 | 10,300 | 705 | 804 | 132 | 113 |
| India | 28,800 ^r | 15,700 ^r | 8,450 ^r | 10,600 | 3,340 ^r | 2,070 ^r | 93 | 93 |
| Israel | 1,540 | 1,850 | 640 | 888 | 3,550 | 3,980 | 40 | 22 |
| Italy | 112,000 | 226,000 | 38,300 ^r | 71,000 ^r | 13,400 ^r | 14,100 ^r | 358 | 793 |
| Lebanon | 24 | 28 | 50 | 55 | 260 | 1,030 | -- | -- |
| Mexico | 1,200 | 988 | 2,860 | 3,300 | 4,210 | 5,080 | 84 | 45 |
| Portugal | 1,420 | 1,780 | 891 ^r | 1,620 | 13,200 | 13,400 | 113 | 138 |
| Spain | 23,600 | 20,500 | 9,330 | 10,600 | 10,300 | 8,140 | 39 | 38 |
| Taiwan | 533 | 820 | 1,700 | 3,560 ^r | 83 | 100 | 18 | 23 |
| Turkey | 134,000 | 60,700 | 81,500 ^r | 74,200 | 16,800 | 13,200 | 223 | 129 |
| Other | 4,700 ^r | 5,050 ^r | 9,290 ^r | 11,400 | 20,500 | 14,300 | 181 | 390 ^r |
| Total | 415,000 | 429,000 | 247,000 | 334,000 | 157,000 | 113,000 | 3,450 ^r | 2,760 |
| 2016: | | | | | | | | |
| Brazil | 26,300 | 29,300 | 863 | 933 | 822 | 945 | 223 | 122 |
| Canada | 297 | 906 | 1,150 | 4,210 | 10,900 | 19,500 | 3 | 11 |
| China | 98,600 | 63,500 | 89,700 | 149,000 | 25,400 | 24,900 | 377 | 430 |
| Egypt | 1,070 | 554 | 2,510 | 1,360 | 1,440 | 850 | 890 | 278 |
| France | 336 | 986 | 316 | 1,090 | 4,920 | 7,780 | 24 | 81 |
| Greece | 6,130 | 10,400 | 6,530 | 11,400 | 1,070 | 1,060 | 29 | 27 |
| India | 41,800 | 25,100 | 12,400 | 18,300 | 3,000 | 1,670 | 192 | 156 |
| Israel | 1,400 | 1,620 | 600 | 699 | 2,430 | 3,650 | 14 | 17 |
| Italy | 106,000 | 225,000 | 30,400 | 71,300 | 18,900 | 27,500 | 359 | 1,180 |
| Lebanon | 39 | 14 | 3 | 19 | 1,220 | 1,860 | -- | -- |
| Mexico | 1,460 | 1,050 | 2,540 | 3,130 | 4,660 | 5,370 | 23 | 18 |
| Portugal | 1,430 | 1,860 | 1,060 | 2,330 | 11,500 | 11,500 | 19 | 18 |
| Spain | 16,900 | 15,100 | 7,830 | 7,870 | 7,050 | 7,430 | 1 | 5 |
| Taiwan | 557 | 732 | 1,720 | 3,950 | 55 | 78 | 3 | 7 |
| Turkey | 65,400 | 46,900 | 93,900 | 75,100 | 16,800 | 11,800 | 498 | 289 |
| Other | 5,620 | 5,730 | 8,830 | 11,100 | 17,200 | 14,400 | 125 | 142 |
| Total | 373,000 | 429,000 | 260,000 | 362,000 | 127,000 | 140,000 | 2,780 | 2,780 |

^rRevised. -- Zero.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits; may not add to totals shown.

²Simply cut by sawing or otherwise into rectangular blocks or slabs; Harmonized Tariff Schedule of the United States (HTS) code 2515.12.1000.

³Worked more than simply cut with a flat surface; HTS code 6802.91.0500.

⁴Merely cut by sawing or otherwise.

⁵Worked more than simply cut with a flat surface, other than marble and travertine; HTS code 6802.92.0000.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.

TABLE 17
U.S. IMPORTS FOR CONSUMPTION OF DIMENSION STONE, BY TYPE¹

| Type | | 2015 | | 2016 | | Major source for 2016, by value |
|--|---------------------|---------------------|----------------------|----------|----------------------|------------------------------------|
| | | Quantity | Value (thousands) | Quantity | Value (thousands) | |
| Marble and alabaster ² | metric tons | 26,000 ^r | \$31,700 | 36,600 | \$39,200 | Italy, 27%. |
| Slate, roofing | million square feet | 11 | 10,500 | 13 | 9,250 | Spain, 43%. |
| Slate, roughly trimmed or simply cut ³ | do. | 6,680 ^r | 3,210 | 9,150 | 4,480 | China, 52%. |
| Slate, worked and articles of slate, and other ⁴ | do. | NA | 59,000 ^r | NA | 56,500 | China, 55%. |
| Travertine, monumental or building stone and articles thereof ⁵ | do. | 24,400 ^r | 13,500 ^r | 22,700 | 11,700 | Mexico, 26%. |
| Travertine, worked monumental or building stone ⁶ | do. | 25,600 | 17,200 | 18,000 | 14,000 | Turkey, 45%. |

^rRevised. do. Ditto. NA Not available.

¹Table includes data available through April 24, 2018. Data are rounded to no more than three significant digits.

²Simply cut with a flat surface.

³Rectangular blocks or slabs.

⁴Other than roofing, including agglomerated slate.

⁵Simply cut with a flat surface, other than tiles and granules.

⁶Dressed or polished but not further worked.

Source: U.S. Census Bureau.