# STONE (DIMENSION)[1]

(Data in thousand metric tons unless otherwise noted)

**Domestic Production and Use:** Approximately 1.30 million tons of dimension stone, valued at $257 million, was sold or used in 2004. Dimension stone was produced by 132 companies, operating 176 quarries, in 34 States. Leading producer States, in descending order by tonnage, were Indiana, Wisconsin, Georgia, Vermont, and Texas. These five States accounted for about 50% of the production. Leading producer States, in descending order by value, were Indiana, Vermont, Texas, Georgia, and South Dakota. These States contributed about 49% of the value of domestic production. Approximately 35%, by tonnage, of dimension stone sold or used was granite, followed by limestone (28%), miscellaneous stone (18%), sandstone (13%), marble (5%), and slate (1%). By value, the leading sales or uses were for granite (42%), followed by limestone (28%), miscellaneous stone (10%), sandstone (9%), marble (7%), and slate (4%). Rough block represented 55% of the tonnage and 42% of the value of all the dimension stone sold or used by domestic producers, including exports. The leading uses of rough block, by tonnage, were in construction (41%) and monumental stone (25%) applications. Dressed stone mainly was sold for flagging (25%), ashlars and partially squared pieces (24%), and curbing (22%), by tonnage.

| **Salient Statistics—United States:**[2] | **2000** | **2001** | **2002** | **2003** | **2004**[e] |
|---|---|---|---|---|---|
| Production: | | | | | |
| Tonnage | 1,320 | 1,220 | 1,260 | 1,340 | 1,300 |
| Value, million dollars | 235 | 263 | 254 | 268 | 257 |
| Imports for consumption, value, million dollars | 986 | 1,070 | 1,190 | 1,390 | 1,490 |
| Exports, value, million dollars | 60 | 74 | 64 | 64 | 64 |
| Consumption, apparent, value, million dollars | 1,160 | 1,260 | 1,380 | 1,590 | 1,680 |
| Price | Variable, depending on type of product | | | | |
| Stocks, yearend | NA | NA | NA | NA | NA |
| Employment, quarry and mill, number[3] | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 |
| Net import reliance[4] as a percentage of apparent consumption (based on value) | 78 | 79 | 82 | 83 | 85 |
| Granite only: | | | | | |
| Production | 415 | 408 | 431 | 463 | 452 |
| Imports for consumption | NA | NA | NA | NA | NA |
| Exports (rough and finished) | 116 | 141 | 140 | 144 | 144 |
| Consumption, apparent | NA | NA | NA | NA | NA |
| Price | Variable, depending on type of product | | | | |
| Stocks, yearend | NA | NA | NA | NA | NA |
| Employment, quarry and mill, number[3] | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 |
| Net import reliance[4] as a percentage of apparent consumption (based on tonnage) | NA | NA | NA | NA | NA |

**Recycling:** Small amounts of dimension stone were recycled principally by restorers of old stone work.

**Import Sources (2000-03 by value):** Dimension stone: Italy, 40%; Canada, 14%; India, 11%; Spain, 9%; and other, 26%. Granite only: Italy, 41%; Brazil, 18%; India, 12%; Canada, 11%; and other, 18%.

**Tariff:** Dimension stone tariffs ranged from free to 6.5% ad valorem, according to type, degree of preparation, shape, and size, for countries with normal trade relations in 2004. Most crude or rough trimmed stone was imported for 3.0% ad valorem or less.

**Depletion Allowance:** 14% (Domestic and foreign); slate used or sold as sintered or burned lightweight aggregate, 7.5% (Domestic and foreign); dimension stone used for rubble and other nonbuilding purposes, 5% (Domestic and foreign).

**Government Stockpile:** None.

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# STONE (DIMENSION)

**Events, Trends, and Issues:** Domestic production tonnage decreased to about 1.30 million tons, with value decreasing to $257 million in 2004. Imports of dimension stone continued to increase. Imports increased by 7% in value to about $1.50 billion. Dimension stone exports remained steady at about $64 million. Apparent consumption, by value, was $1.70 billion in 2004—an $89 million increase from 2003. Dimension stone is being used more commonly in residential markets. Improved quarrying, finishing, and handling technology, as well as a greater variety of stone and the rising costs of alternative construction materials, are among the factors that suggest the demand for dimension stone will continue to increase during the next 5 years.

**World Mine Production, Reserves, and Reserve Base:**

| | Mine production | | Reserves and reserve base[5] |
|---|---|---|---|
| | 2003 | 2004[e] | |
| United States | 1,340 | 1,300 | Adequate except for certain |
| Other countries | NA | NA | special types and local |
| World total | NA | NA | shortages. |

**World Resources:** Dimension stone resources of the world are sufficient. Resources can be limited on a local level or occasionally on a regional level by the lack of a particular kind of stone that is suitable for dimension purposes.

**Substitutes:** In some applications, substitutes for dimension stone include aluminum, brick, ceramic tile, concrete, glass, plastics, resin-agglomerated stone, and steel.

[e]Estimated. NA Not available.
[1]See also Stone (Crushed).
[2]Includes Puerto Rico.
[3]Excluding office staff.
[4]Defined as imports – exports + adjustments for Government and industry stock changes. Changes in stocks were assumed to be zero in the net import reliance and apparent consumption calculations because data on stocks were not available.
[5]See Appendix C for definitions.