

**STONE (DIMENSION)<sup>1</sup>**

(Data in thousand metric tons unless otherwise noted)

**Domestic Production and Use:** Approximately 1.46 million tons of dimension stone, valued at \$285 million, was sold or used in 2005. Dimension stone was produced by 102 companies, operating 140 quarries, in 34 States. Leading producer States, in descending order by tonnage, were Indiana, Wisconsin, Georgia, Vermont, and Massachusetts. These five States accounted for about 55% of the production. Leading producer States, in descending order by value, were Indiana, Vermont, Wisconsin, South Dakota, and Georgia. These States contributed about 50% of the value of domestic production. Approximately 39%, by tonnage, of dimension stone sold or used was limestone, followed by granite (29%), sandstone (14%), miscellaneous stone (10%), marble (7%), and slate (1%). By value, the leading sales or uses were for granite (39%), followed by limestone (34%), sandstone (9%), miscellaneous stone (7%), marble (6%), and slate (5%). Rough block represented 61% of the tonnage and 45% 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 (47%) and flagging, exports, and unlisted and unspecified (29%) applications. Dressed stone mainly was sold for flagging (30%), curbing (23%), and ashlar and partially squared pieces (18%), by tonnage.

<b>Salient Statistics—United States:<sup>2</sup></b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005<sup>e</sup></b>
Production:					
Tonnage	1,220	1,260	1,340	1,460	1,460
Value, million dollars	263	254	268	281	285
Imports for consumption, value, million dollars	1,070	1,190	1,390	1,790	2,400
Exports, value, million dollars	74	64	64	64	146
Consumption, apparent, value, million dollars	1,260	1,380	1,590	2,010	2,540
Price	Variable, depending on type of product				
Stocks, yearend	NA	NA	NA	NA	NA
Employment, quarry and mill, number <sup>3</sup>	3,000	3,000	3,000	3,000	3,000
Net import reliance <sup>4</sup> as a percentage of apparent consumption (based on value)	79	82	83	86	88
Granite only:					
Production	408	431	463	429	429
Imports for consumption	NA	NA	NA	NA	NA
Exports (rough and finished)	141	140	144	143	143
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 <sup>3</sup>	1,500	1,500	1,500	1,500	1,500
Net import reliance <sup>4</sup> 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 (2001-04 by value):** Dimension stone: Italy, 38%; India, 19%; Canada, 10%; Spain, 7%; and other, 26%. Granite only: Italy, 35%; Brazil, 22%; India, 14%; China, 12%; and other, 17%.

**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 2005. 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.

## STONE (DIMENSION)

**Events, Trends, and Issues:** Domestic production tonnage remained steady at about 1.46 million tons, with value increasing to \$285 million in 2005. Imports of dimension stone continued to increase. Imports increased by 34% in value to about \$2.4 billion. Dimension stone exports increased to about \$146 million. Apparent consumption, by value, was \$2.5 billion in 2005—a \$530 million increase from 2004. Dimension stone for new construction and refurbishment is being used more commonly in both commercial and residential markets. Increased domestic production and imports, along with improved quarrying, finishing, handling technology, greater varieties 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 <sup>5</sup>
	2004	2005 <sup>e</sup>	
United States	1,460	1,460	Adequate except for certain special types and local shortages.
Other countries	NA	NA	
World total	NA	NA	

**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.

<sup>e</sup>Estimated. NA Not available.

<sup>1</sup>See also Stone (Crushed).

<sup>2</sup>Includes Puerto Rico.

<sup>3</sup>Excluding office staff.

<sup>4</sup>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.

<sup>5</sup>[See Appendix C for definitions.](#)