

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

(Data in thousand metric tons unless otherwise noted)

**Domestic Production and Use:** Approximately 1.5 million tons of dimension stone, valued at \$275 million, was sold or used in 2006. Dimension stone was produced by 100 companies, operating 136 quarries, in 35 States. Leading producer States, in descending order by tonnage, were Wisconsin, Georgia, Indiana, Vermont, and Massachusetts. These five States accounted for about 62% of the production. Leading producer States, in descending order by value, were Indiana, Wisconsin, Vermont, Georgia, and South Dakota. These States contributed about 53% of the value of domestic production. Approximately 38%, by tonnage, of dimension stone sold or used was limestone, followed by granite (27%), marble (14%), sandstone (13%), miscellaneous stone (7%), and slate (1%). By value, the leading sales or uses were for granite (39%), followed by limestone (35%), sandstone (9%), marble (7%), miscellaneous stone (6%), and slate (4%). Rough block represented 64% of the tonnage and 54% of the value of all the dimension stone sold or used by domestic producers, including exports. The leading uses and distribution of rough block, by tonnage, were in flagging, exports, and unlisted and unspecified applications (36%) and construction (34%). Dressed stone mainly was sold for flagging (27%), curbing (24%), and ashlar and partially squared pieces (17%), by tonnage.

**Salient Statistics—United States:<sup>2</sup>**

	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006<sup>e</sup></b>
Production:					
Tonnage	1,260	1,340	1,460	1,510	1,530
Value, million dollars	254	268	281	269	275
Imports for consumption, value, million dollars	1,190	1,390	1,790	2,180	2,500
Exports, value, million dollars	64	64	64	66	68
Consumption, apparent, value, million dollars	1,380	1,590	2,010	2,380	2,710
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)	82	83	86	88	89
Granite only:					
Production	431	463	429	416	416
Imports for consumption	NA	NA	NA	NA	NA
Exports (rough and finished)	140	144	143	135	135
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 (2002-05 by value):** Dimension stone: Italy, 25%; Turkey, 20%; China, 9%; Mexico, 9%; and other, 37%. Granite only: Brazil, 26%; Italy, 17%; India, 16%; Canada, 13%; and other, 28%.

**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 2006. 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:** The United States is the world's largest market for dimension stone. Domestic production tonnage remained steady at about 1.5 million tons; value increased to \$275 million in 2006 from \$269 million in 2005. Imports of dimension stone continued to increase. Imports increased by 15% in value to about \$2.5 billion. Dimension stone exports increased to about \$68 million. Apparent consumption, by value, was \$2.7 billion in 2006—a \$328 million increase from that of 2005. 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>
	2005	2006 <sup>e</sup>	
United States	1,510	1,530	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.](#)