STONE (DIMENSION)1

(Data in thousand metric tons unless otherwise noted)

<u>Domestic Production and Use</u>: Approximately 1.64 million tons of dimension stone, valued at \$321 million, was sold or used by U.S. producers in 2011. Dimension stone was produced by 173 companies, operating 255 quarries, in 37 States. Leading producer States, in descending order by tonnage, were Georgia, Texas, Indiana, South Dakota, and Wisconsin. These five States accounted for about 54% of the production and contributed about 47% of the value of domestic production. Approximately 42%, by tonnage, of dimension stone sold or used was granite, followed by limestone (27%), miscellaneous stone (14%), sandstone (14%), marble (2%), and slate (1%). By value, the leading sales or uses were for granite (36%), followed by limestone (32%), miscellaneous stone (14%), sandstone (10%), marble (4%), and slate (4%). Rough stone represented 62% of the tonnage and 42% of the value of all the dimension stone sold or used by domestic producers, including exports. The leading uses and distribution of rough stone, by tonnage, were in irregular-shaped stone (45%), and in building and construction (36%). Dressed stone mainly was sold for curbing (26%), ashlars and partially squared pieces (24%), and flagging (18%), by tonnage.

Salient Statistics—United States: ²	2007	<u>2008</u>	2009	<u>2010</u>	2011 ^e
Sold or used by producers:					
Tonnage	1,920	1,800	1,620	1,670	1,640
Value, million dollars	346	324	328	323	321
Imports for consumption, value, million dollars	2,540	2,150	1,350	2,430	1,920
Exports, value, million dollars	74	66	48	55	145
Consumption, apparent, value, million dollars	2,810	2,400	1,630	2,700	2,100
Price		Variable, depending on type of product			
Employment, quarry and mill, number ³ Net import reliance ⁴ as a percentage of	3,000	3,000	3,000	3,000	3,000
Net import reliance⁴ as a percentage of					
apparent consumption (based on value)	88	87	80	88	85
Granite only:					
Production	536	464	469	699	540
Exports (rough and finished)	112	103	75	96	97
Price		Variable, depending on type of product			
Employment, quarry and mill, number ³	1,500	1,500	1,500	1,500	1,500

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

Import Sources (2007–10 by value): All dimension stone: Brazil, 22%; China, 22%; Italy, 20%; Turkey, 8%; and other, 28%. Granite only: Brazil, 40%; China, 24%; India, 14%; Italy, 14%; and other, 8%.

<u>Tariff</u>: 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 2011. Most crude or rough trimmed stone was imported at 3.0% ad valorem or less.

<u>Depletion Allowance</u>: 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. Imports of dimension stone decreased in value to about \$1.9 billion compared with \$2.4 billion in 2010. The sluggish U.S. economy tended to decrease demand for and imports of dimension stone in the near term. Dimension stone exports increased to about \$145 million. The weakening of the U.S. dollar has aided the U.S. export market for dimension stone. Apparent consumption, by value, was \$2.1 billion in 2011—a \$600 million, or 22%, decrease from that of 2010. Dimension stone for construction and refurbishment was used in both commercial and residential markets; 2011 refurbishment activity was unchanged compared with that of 2010.

World Mine Production and Reserves:

	Mine production		Reserves⁵	
	<u>2010</u>	<u>2011^e</u>		
United States	1,670	1,640	Adequate except for certain	
Other countries	NA	<u>NA</u>	special types and local	
World total	NA	NA	shortages.	

<u>World Resources</u>: 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.

<u>Substitutes</u>: Substitutes for dimension stone include aluminum, brick, ceramic tile, concrete, glass, plastics, resinagglomerated stone, and steel.

^eEstimated. NA Not available.

¹See also Stone (Crushed).

²Includes Puerto Rico.

³Excluding office staff.

⁴Defined as imports – exports.

⁵See Appendix C for resource/reserve definitions and information concerning data sources.