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Table 5d. Economic and Physical Indicators for the Chemical Industry (NAICS 325), 1998 and 2002

Indicators	MECS Survey Years	
	1998	2002
Physical		
Production (Thousand Tons) ¹	463,688	442,170
Nominal Economic (Current Billion Dollars)		
Value of Shipments	416.7	453.9
Gross Output	406.8	412.3
Value Added	230.2	255.2
Real Economic (Billion 2000 Dollars)		
Value of Shipments ²	439.5	451.6
Gross Output ³	428.2	410.3
Value Added ⁴	224.8	249.5

Notes: 1. Data reflects the production of the 100 top chemicals in the U.S, converted from short tons to metric tons. To convert from metric tons to short tons divide by 0.9071847.

2. Deflated using BEA's chain-type price indices for value of shipments.

3. Deflated using BEA's chain-type price indices for gross outputs.

4. Deflated using BEA's chain-type price indices for value added.

Sources: U.S. Department of Commerce, Bureau of the Census, Annual Survey of Manufacturers, Statistics for Industry Groups and Industries, 2004, Bureau of Economic Analysis, "Value of Shipments and Price Indexes by Detailed Industry 1998-2004," December 2005; "Gross Output and Price Indexes by Detailed Industry 1998-2003," December 2005; "Price Indexes for Value Added by Detailed Industry," December 2005; American Chemical Chemistry Council, Guide to the Business of Chemistry 2003, Basic Chemicals, 2003.

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