

Table 5d. Economic and Physical Indicators for the Chemical Industry, 1985-1998

Chemicals (SIC 28, NAICS 325)

Physical Units	1985	1988	1991	1994	1998
Million tons	n/a	305	316	356	388
Nominal Economic Indicators (current \$ billion)					
Value of Shipments	200	261	299	334	403
Gross Output	196	256	292	326	393
Gross Domestic Product	67	95	114	139	165
Value Added ¹	95	138	155	182	181
Industrial Production	95	138	155	182	219
Real Economic Indicators (1998 \$ billion)					
Value of Shipments ²	273	329	341	359	403
Gross Output ²	268	322	333	350	393
Gross Domestic Product ³	104	130	137	154	165
Value Added ³	147	187	186	202	181
Industrial Production ⁴	142	177	190	207	219

¹ Value added for 1998 was derived by adjusting the 1996 value added by the change in GDP by Industry between 1996-1998.

² Value of shipments and Gross Output in 1998 dollars were converted using gross output implicit price deflators for SIC 28.

³ Value added and GDP in 1998 dollars were converted using GDP implicit price deflators for SIC 28.

⁴ Industrial Production in 1998 dollars obtained by rebasing 1992=100 Industrial production indexes into a 1998=100 base.

Sources: **Physical Units:** *Chemical Industry Statistical Handbook*, 1998-1999, Chemical Manufacturers Assn (now the American Chemistry Council), Washington, DC. Data reflects the production of the 50 top chemicals in the U.S.; **Economic Indicators:** U.S. Bureau of Economic Analysis, 1977-2000 Gross Output by Detailed Industry (NDN-0288); U.S. Census Bureau, Annual Survey of Manufactures (<http://www.census.gov/prod/2/manmin/m3/m3-96a.pdf>) [opens a blank

window]); Federal Reserve Board, data obtained from Kristen T. Hamdan from the Federal Reserve Board.

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