

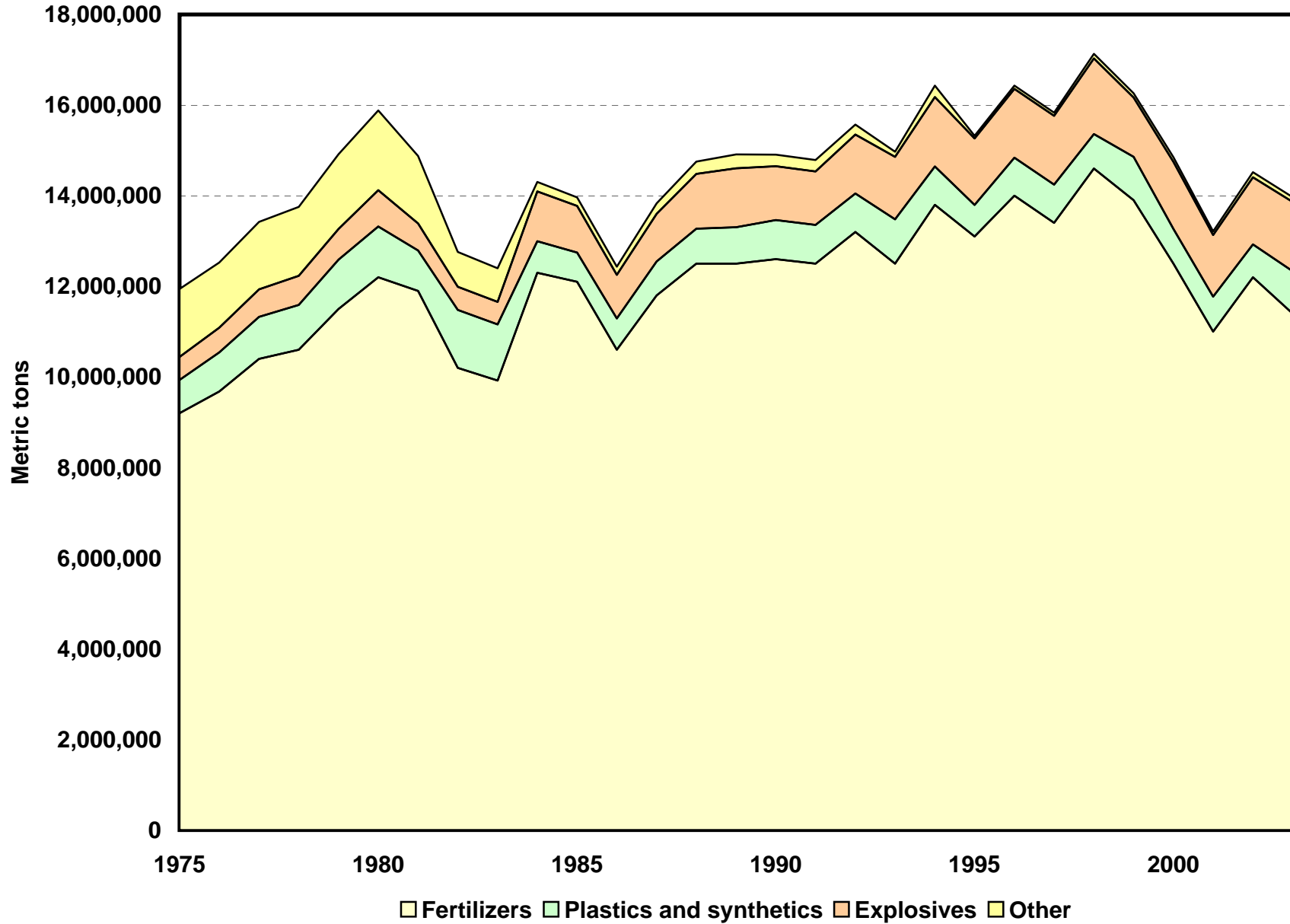
**NITROGEN (FIXED)--AMMONIA END-USE STATISTICS<sup>1</sup>**  
**U.S. GEOLOGICAL SURVEY**  
 [Metric tons of nitrogen content]

Last modification: September 15, 2005

<b>Year</b>	<b>Fertilizers</b>	<b>Plastics and synthetics</b>	<b>Explosives</b>	<b>Other</b>	<b>Apparent consumption</b>
1975	9,200,000	735,000	508,000	1,500,000	11,900,000
1976	9,680,000	862,000	544,000	1,440,000	12,500,000
1977	10,400,000	925,000	608,000	1,490,000	13,400,000
1978	10,600,000	989,000	644,000	1,520,000	13,800,000
1979	11,500,000	1,090,000	678,000	1,650,000	14,900,000
1980	12,200,000	1,120,000	801,000	1,760,000	15,900,000
1981	11,900,000	892,000	595,000	1,490,000	14,900,000
1982	10,200,000	1,280,000	511,000	767,000	12,800,000
1983	9,920,000	1,240,000	496,000	744,000	12,400,000
1984	12,300,000	695,000	1,100,000	209,000	14,300,000
1985	12,100,000	645,000	1,030,000	188,000	14,000,000
1986	10,600,000	692,000	961,000	181,000	12,400,000
1987	11,800,000	749,000	1,050,000	231,000	13,800,000
1988	12,500,000	772,000	1,210,000	271,000	14,700,000
1989	12,500,000	805,000	1,300,000	306,000	14,900,000
1990	12,600,000	862,000	1,190,000	254,000	14,900,000
1991	12,500,000	856,000	1,180,000	252,000	14,800,000
1992	13,200,000	849,000	1,300,000	222,000	15,600,000
1993	12,500,000	978,000	1,380,000	112,000	15,000,000
1994	13,800,000	847,000	1,530,000	254,000	16,400,000
1995	13,100,000	695,000	1,470,000	59,200	15,300,000
1996	14,000,000	839,000	1,520,000	70,100	16,400,000
1997	13,400,000	844,000	1,520,000	69,300	15,800,000
1998	14,600,000	760,000	1,670,000	101,000	17,100,000
1999	13,900,000	957,000	1,310,000	93,000	16,300,000
2000	12,500,000	767,000	1,480,000	102,000	14,900,000
2001	11,000,000	773,000	1,360,000	80,600	13,200,000
2002	12,200,000	726,000	1,480,000	113,000	14,500,000
2003	11,400,000	933,000	1,530,000	106,000	14,000,000

<sup>1</sup>Compiled by D.A. Buckingham and D.A. Kramer.

# End Uses of Nitrogen (fixed) Ammonia



## Nitrogen (Fixed)—Ammonia End-Use Worksheet Notes

### Data Sources

The sources of data for the nitrogen (fixed)—ammonia end-use worksheet are the report Current Industrial Reports MA28B and MQ325B, U.S. Census Bureau publications; and the Mineral Facts and Problems, a U.S. Bureau of Mines publication.

### End Use

End use is defined as the use of the mineral commodity in a particular industrial sector or product. End-use estimates are derived from data published in the Current Industrial Reports. For nitrogen, end-use categories are fertilizers, plastics and synthetics, explosives, and other industrial uses.

For the years 1975–83, end-use data were reported in the Mineral Facts and Problems. Data for years 1984–90 and 1992–2003 were estimated based on the percentage of production from U.S. Census Bureau production data. Production data for 1991 was not available from the U.S. Census Bureau. End-use data for 1991 was estimated using the production percentage data for 1990.

Data are rounded to no more than three significant digits; data may not add to totals shown.

### References

U.S. Bureau of Mines, 1985, Mineral Facts and Problems, 1985 ed.: U.S. Bureau of Mines Bulletin 675.

U.S. Census Bureau, 1975–2004, Current Industrial Reports MA28B and MQ325B.

### Recommended Citation Format:

(1) If taken from CD version:

U.S. Geological Survey, [year of last update, e.g., 2005], [Mineral commodity, e.g., Gold] statistics, *in* Kelly, T.D., and Matos, G.R., comps., Historical statistics for mineral and material commodities in the United States: U.S. Geological Survey Data Series 140, one CD-ROM. (Also available online at <http://pubs.usgs.gov/ds/2005/140/>.)

(2) If taken from online version:

U.S. Geological Survey, [year of last update, e.g., 2005], [Mineral commodity, e.g., Gold] statistics, *in* Kelly, T.D., and Matos, G.R., comps., Historical statistics for mineral and material commodities in the United States: U.S. Geological Survey Data Series 140, available online at <http://pubs.usgs.gov/ds/2005/140/>. (Accessed [date].)

**For more information, please contact:**

[USGS Nitrogen Commodity Specialist](#)