

U.S. Census Bureau
Fertilizers and Related Chemicals - 2007
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Address inquiries concerning these data to Primary Goods Industries Branch, U.S. Department of Commerce, Census Bureau, Manufacturing and Construction Division, Washington, DC 20233-6900, or call John Linehan, 301-763-4742

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Table 1. Shipments and Production of Principal Fertilizers and Related Chemicals: 2003 to 2007
 [Quantity in thousands of short tons. Value in millions of dollars]

Product code	Product description	Year	Total production	Total shipments including interplant transfers			
				Quantity	Value (f.o.b. plant)		
3253111120	Ammonia, synthetic anhydrous 1/.....	2007	11,448	r/	3,487	r/	1,226
		2006	10,981		4,076		1,253
		2005	11,181		4,587		1,266
		2004	12,058		4,490		1,052
		2003	11,330		4,477		975
3253111201	Ammonium nitrate, original melt liquor 2/.....	2007	8,236		3,720		769
		2006	7,068		3,282		686
		2005	7,212		3,457		643
		2004	7,229		4,275		730
		2003	6,328		3,812		588
3253111240	Ammonium sulfate 1/.....	2007	3,145		2,342		397
		2006	2,870		2,335		306
		2005	2,906		2,775		401
		2004	3,005		2,989		399
		2003	2,871		2,919		315
3253114100	Urea (100 percent).....	2007	6,156	r/	1,936	r/	655
		2006	5,934		2,030		552
		2005	5,807		3,588		816
		2004	6,344		4,026		848
		2003	6,375		4,475		686
3253111111	Nitric acid (100 percent).....	2007	8,623		2,942		426
		2006	7,245		2,353		322
		2005	7,398		2,352		304
		2004	7,129		1,870		224
		2003	7,189		1,910		202
3253121100	Phosphoric acid (100 percent P2O5).....	2007	12,081		2,761		891
		2006	11,797		3,974		1,119
		2005	12,621		4,374		1,213
		2004	12,693		4,614		1,204
		2003	12,537		4,239		1,069
3251881100	Sulfuric acid, gross (100 percent).....	2007	39,745	r/	11,998	r/	622
		2006	39,578		12,084		683
		2005	40,996		11,823		648
		2004	41,934		12,574		637
		2003	41,144		11,598		611
3253124100	Superphosphates and other fertilizer materials (100 percent P2O5).....	2007	7,241		7,445		4,434
		2006	7,184		7,319		3,143
		2005	8,141		8,112		3,674
		2004	8,737		8,610		3,419
		2003	8,837		8,923		2,827

r/Revised by 5 percent or more from previously published data.

1/Excludes data for byproduct ammonia liquor and ammonium sulfate published by the Department of Energy.

2/Represents total amount of original melt liquor produced for all purposes.

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
TOTAL					
Ammonia:					
3253111120	Synthetic, anhydrous (100 percent).....	11,448,079	3,487,410	1,225,762	(X)
3253111121	Fertilizer use.....	10,202,085	3,122,900	1,118,338	(X)
3253111131	Other uses.....	1,245,994	364,510	107,424	(X)
Ammonium nitrate (100 percent):					
3253111201	Original melt liquor 2/.....	8,235,898	3,719,879	768,767	(X)
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	151,514	(X)	(X)	(X)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	4,428,866	(X)	(X)	(X)
3253111221	High density prill and granular.....	852,593	814,650	176,452	(X)
3253111226	Low density prill and grained.....	2,162,355	2,370,333	518,915	(X)
3253111231	All other (e.g., liquor sales, etc.).....	640,570	534,896	73,400	(X)
Ammonium sulfate (100 percent).....					
3253111240	Synthetic (direct synthesis from sulfuric acid and ammonia).....	3,144,751	2,342,366	396,631	(X)
3253111241	Byproduct 3/.....	341,398	197,103	27,868	(X)
3253111246	.....	2,803,353	2,145,263	368,763	(X)
Nitrogen solutions, including mixtures (100 percent N).....					
3253111251	Ammonium nitrate/urea solutions.....	3,965,991	3,057,620	862,995	(X)
3253111256	All other solutions 4/.....	3,740,232	2,846,819	831,548	(X)
3253111256	.....	225,759	210,801	31,447	(X)
Nitric acid (100 percent) 5/.....					
3253111111	.....	8,623,121	2,941,701	426,046	(X)
Urea original melt liquor.....					
3253114101	Consumed in the manufacture of urea-ammonium nitrate solutions.....	6,156,042	1,935,917	654,509	(X)
3253114111	Prills.....	2,992,772	301,654	104,653	(X)
3253114121	Granular.....	656,621	639,411	190,186	(X)
3253114131	.....	2,388,544	859,663	257,095	(X)
3253114141	All other (liquor sales, melamine, feedstock, other).....	118,105	135,189	102,575	(X)
Phosphoric acid (100 percent P2O5).....					
3253121100	By use:	12,080,965	2,761,158	891,489	(X)
3253121211	Fertilizer.....	11,018,170	2,399,604	723,286	(X)
3253121222	Feed and other 6/.....	1,062,795	361,554	168,203	(X)
By grade:					
3253121311	Ortho (less than 65 percent P2O5).....	10,979,616	1,519,280	474,233	(X)
3253121322	Super (more than 65 percent P2O5) 6/.....	1,101,349	1,241,878	417,256	(X)
Superphosphate and other phosphatic fertilizer materials:					
3253124100	Gross weight.....	15,770,805	15,851,959	4,434,367	(X)
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	7,241,241	7,444,760	(X)	(X)
Monoammonium phosphates:					
3253124131	Gross weight.....	5,256,531	5,127,342	1,434,683	(X)
	Nitrogen content.....	705,839	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	2,527,338	2,612,780	(X)	(X)
Diammonium phosphates:					
3253124211	Gross weight.....	9,351,266	9,552,335	2,664,482	(X)
	Nitrogen content.....	1,696,362	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	4,155,219	4,290,001	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic				

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
	fertilizer materials: 7/				
	Gross weight.....	1,163,008	1,172,282	335,202	(X)
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	558,684	541,979	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/				
	Total gross.....	39,744,593	11,997,608	621,661	(X)
	By feedstock:				
3251881111	Elemental sulfur.....	33,723,824	6,966,762	356,921	(X)
3251881121	Smelting metallic sulfide ore.....	2,759,556	2,660,348	85,025	(X)
3251881131	Decomposition of alkylation and other spent acid.....	2,486,855	1,764,389	145,421	(X)
3251881141	Other.....	774,358	606,109	34,294	(X)
	By grade:				
3251881212	Oleum grades.....	1,640,403	1,150,699	56,636	(X)
3251881231	Other than oleum grades.....	38,104,190	10,846,909	565,025	(X)
3251881311	Spent acid fortified in contact units and included in above production data.....	1,198,180	(X)	(X)	(X)
	Total new acid 8/.....	37,257,738	(X)	(X)	(X)
FOURTH QUARTER					
Ammonia:					
3253111120	Synthetic, anhydrous (100 percent).....	a/ 2,759,589	b/r/ 991,339	b/r/ 382,304	a/ 211,125
3253111121	Fertilizer use.....	a/ 2,404,429	a/r/ 882,416	b/r/ 348,896	a/ 190,036
3253111131	Other uses.....	b/ 355,160	c/ 108,923	c/r/ 33,408	b/ 21,089
Ammonium nitrate (100 percent):					
3253111201	Original melt liquor 2/.....	2,249,107	b/ 971,446	b/ 202,095	b/r/ 132,315
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	38,256	(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	1,222,007	(X)	(X)	(D)
3253111221	High density prill and granular.....	(D)	(D)	(D)	(D)
3253111226	Low density prill and grained.....	b/ 569,024	c/ 617,680	b/ 136,380	r/ 45,117
3253111231	All other (e.g., liquor sales, etc.).....	(D)	(D)	(D)	c/r/ 12,715
3253111240	Ammonium sulfate (100 percent).....	857,272	561,728	118,122	174,882
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)	(D)	(D)	r/ 19,041
3253111246	Byproduct 3/.....	(D)	(D)	(D)	155,841
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	945,755	757,338	r/ 232,210	r/ 122,191
3253111251	Ammonium nitrate/urea solutions.....	a/ 878,895	a/ 696,765	r/ 220,658	r/ 111,646
3253111256	All other solutions 4/.....	r/ 66,860	r/ 60,573	11,552	r/ 10,545
3253111111	Nitric acid (100 percent) 5/.....	a/ 2,653,970	b/ 1,046,565	b/ 152,036	(X)
3253114101	Urea original melt liquor.....	a/ 1,554,676	b/r/ 439,956	b/r/ 158,283	a/r/ 84,884
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	837,815	(D)	(D)	b/r/ 10,093
3253114121	Prills.....	b/ 155,832	(D)	(D)	a/ (D)
3253114131	Granular.....	(D)	a/r/ 172,290	a/r/ 54,952	a/r/ 45,715
3253114141	All other (liquor sales, melamine, feedstock, other).....	(D)	b/ (D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....	3,056,292	672,278	261,882	122,464
	By use:				
3253121211	Fertilizer.....	b/ 2,795,818	585,174	219,124	b/ 114,053
3253121222	Feed and other 6/.....	260,474	87,104	42,758	8,411
	By grade:				

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers				Stocks 1/
			Quantity	Value			
3253121311	Ortho (less than 65 percent P2O5).....	2,775,883	341,534	142,038			105,436
3253121322	Super (more than 65 percent P2O5) 6/.....	280,409	330,744	119,844			17,028
3253124100	Superphosphate and other phosphatic fertilizer materials:						
	Gross weight.....	3,722,912	3,735,125	1,219,904			431,245
	Nitrogen content.....	(X)	(X)	(X)			(X)
	Phosphoric oxide content (100 percent P2O5).....	1,652,217	1,691,117	(X)			(X)
3253124131	Monoammonium phosphates:						
	Gross weight.....	b/ 1,244,870	b/ 1,204,019	b/ 391,345			(D)
	Nitrogen content.....	c/ 168,691	(X)	(X)			(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 605,286	(D)	(X)			(X)
3253124211	Diammonium phosphates:						
	Gross weight.....	b/ 2,226,487	b/ 2,262,140	b/ 729,050	a/ 243,582		
	Nitrogen content.....	b/ 388,923	(X)	(X)			(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 951,686	b/ 982,622	a/ (X)			(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/						
	Gross weight.....	251,555	268,966	99,509			(D)
	Nitrogen content.....	(X)	(X)	(X)			(X)
	Phosphoric oxide content (100 percent P2O5).....	95,245	(D)	(X)			(X)
3251881100	Sulfuric acid (100 percent): 5/						
	Total gross.....	b/ 10,405,728	a/ 3,130,047	b/ 164,523	a/ 387,840		
	By feedstock:						
	Elemental sulfur.....	b/ 8,875,288	b/r/ 1,899,674	b/ 96,590			(X)
	Smelting metallic sulfide ore.....	669,664	650,951	a/ 22,111			(X)
	Decomposition of alkylation and other spent acid.....	a/ 653,597	a/ 420,901	a/ 36,936			(D)
	Other.....	b/ 207,179	b/ 158,521	b/ 8,886			(X)
	By grade:						
	Oleum grades.....	508,514	a/ 357,099	a/ 18,942	b/r/ 37,099		
	Other than oleum grades.....	b/ 9,897,214	a/ 2,772,948	a/ 145,581	a/ 350,741		
3251881311	Spent acid fortified in contact units and included in above production data.....	a/ 246,017	(X)	(X)			(D)
	Total new acid 8/.....	9,752,131	(X)	(X)			(X)
THIRD QUARTER							
	Ammonia:						
3253111120	Synthetic, anhydrous (100 percent).....	a/ 2,829,223	a/r/ 880,933	a/r/ 340,352	a/ 320,566		
3253111121	Fertilizer use.....	a/ 2,578,807	r/ 787,679	r/ 313,680	a/ 296,531		
3253111131	Other uses.....	b/ 250,416	c/ 93,254	c/ 26,672	a/ 24,035		
	Ammonium nitrate (100 percent):						
3253111201	Original melt liquor 2/.....	1,900,294	b/ 882,076	b/ 182,169	b/ 146,858		
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	36,632	(X)	(X)			(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 1,017,738	(X)	(X)	a/r/ 85,109		
3253111221	High density prill and granular.....	(D)	(D)	(D)	(D)		
3253111226	Low density prill and grained.....	b/ 534,674	c/ 592,740	b/ 131,076	b/ 35,037		
3253111231	All other (e.g., liquor sales, etc.).....	b/ (D)	(D)	c/ (D)	b/ 13,018		
3253111240	Ammonium sulfate (100 percent).....	759,887	534,091	92,902	152,175		
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)	(D)	a/ (D)	18,886		
3253111246	Byproduct 3/.....	(D)	(D)	(D)	133,289		

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description		Total production	Total shipments including interplant transfers		Stocks 1/
				Quantity	Value	
3253111250	Nitrogen solutions, including mixtures (100 percent N).....		962,033	726,190	r/ 218,075	141,891
3253111251	Ammonium nitrate/urea solutions.....		908,937	680,850	r/ 211,542	(D)
3253111256	All other solutions 4/.....	r/	53,096	45,340	6,533	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/	1,938,998	689,845	c/ 101,310	(X)
3253114101	Urea original melt liquor.....	a/	1,533,926	507,713	b/r/ 169,381	a/ 134,943
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	707,223	81,880	27,845	(D)
3253114121	Prills.....	a/	(D)	(D)	(D)	(D)
3253114131	Granular.....		634,662	223,468	a/r/ 68,160	94,434
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)	(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		3,076,073	563,177	177,109	174,959
	By use:					
3253121211	Fertilizer.....		2,801,867	473,645	a/ 135,756	169,267
3253121222	Feed and other 6/.....		274,206	89,532	41,353	5,692
	By grade:					
3253121311	Ortho (less than 65 percent P2O5).....	a/	2,806,037	255,358	b/ 78,864	152,944
3253121322	Super (more than 65 percent P2O5) 6/.....		270,036	307,819	98,245	22,015
3253124100	Superphosphate and other phosphatic fertilizer materials:					
	Gross weight.....		4,140,726	4,137,520	r/ 1,360,412	480,224
	Nitrogen content.....		(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,928,448	1,976,287	(X)	(X)
3253124131	Monoammonium phosphates:					
	Gross weight.....		1,351,007	1,395,695	446,338	(D)
	Nitrogen content.....	b/	178,357	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	a/	657,819	(D)	(X)	(X)
3253124211	Diammonium phosphates:					
	Gross weight.....		2,562,855	2,530,064	r/ 842,308	302,720
	Nitrogen content.....		459,354	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,159,778	1,143,723	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/					
	Gross weight.....	a/	226,864	211,761	71,766	(D)
	Nitrogen content.....		(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/	110,851	(D)	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/					
	Total gross.....	a/	10,163,990	3,093,089	b/r/ 159,566	376,956
	By feedstock:					
3251881111	Elemental sulfur.....	a/	8,578,769	1,798,926	b/r/ 93,408	(X)
3251881121	Smelting metallic sulfide ore.....	b/	712,114	673,256	c/ 20,039	(X)
3251881131	Decomposition of alkylation and other spent acid.....	a/	674,313	464,395	a/ 37,389	(D)
3251881141	Other.....	b/	198,794	156,512	b/ 8,730	(X)
	By grade:					
3251881212	Oleum grades.....	a/	376,711	285,087	b/ 11,964	27,577
3251881231	Other than oleum grades.....	a/	9,787,279	2,808,002	b/r/ 147,602	349,379
3251881311	Spent acid fortified in contact units and included in above production data.....	a/	261,567	(X)	(X)	(D)
	Total new acid 8/.....		9,489,677	(X)	(X)	(X)

SECOND QUARTER

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description		Total production	Total shipments including interplant transfers		Value	Stocks 1/	
				Quantity				
Ammonia:								
3253111120	Synthetic, anhydrous (100 percent).....	a/	2,964,164	a/r/	837,974	a/r/	269,632	298,034
3253111121	Fertilizer use.....	a/	2,663,036	r/	758,473	r/	246,225	a/ 268,280
3253111131	Other uses.....	a/	301,128		79,501		23,407	29,754
Ammonium nitrate (100 percent):								
3253111201	Original melt liquor 2/.....		2,034,158	b/	933,523	b/	197,106	b/ 141,820
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		(D)		(X)		(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	1,090,563		(X)		(X)	b/ 78,284
3253111221	High density prill and granular.....		(D)		(D)		(D)	(D)
3253111226	Low density prill and grained.....	b/	518,468	b/	585,716	b/	128,295	46,273
3253111231	All other (e.g., liquor sales, etc.).....	b/	173,246	b/	(D)	c/	(D)	a/ 9,146
Ammonium sulfate (100 percent):								
3253111240	Synthetic (direct synthesis from sulfuric acid and ammonia).....		749,047		614,840		100,499	69,413
3253111241	Byproduct 3/.....		(D)		(D)		(D)	15,176
3253111246	Byproduct 3/.....		(D)		(D)		(D)	54,237
Nitrogen solutions, including mixtures (100 percent N):								
3253111251	Ammonium nitrate/urea solutions.....	a/	1,018,005		839,947	r/	239,001	125,048
3253111256	All other solutions 4/.....	r/	966,048	r/	788,284	r/	232,012	115,523
3253111111	All other solutions 4/.....	r/	51,957	r/	51,663		6,989	9,525
3253111111	Nitric acid (100 percent) 5/.....	b/	1,968,748	c/	614,073	c/	89,339	(X)
Urea original melt liquor:								
3253114101	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	1,590,314	b/r/	486,757	b/r/	168,447	90,044
3253114121	Prills.....	a/	732,463		76,553		26,441	(D)
3253114131	Granular.....	a/	164,115	a/	(D)		(D)	24,907
3253114141	All other (liquor sales, melamine, feedstock, other).....		662,094	a/r/	230,948	a/r/	73,139	39,179
3253121100	All other (liquor sales, melamine, feedstock, other).....		31,642		(D)		(D)	(D)
Phosphoric acid (100 percent P2O5):								
3253121211	By use:		2,975,421		750,319		237,774	185,109
3253121222	Fertilizer.....		2,702,007	a/	650,527	a/	191,702	179,524
3253121222	Feed and other 6/.....		273,414		99,792		46,072	5,585
By grade:								
3253121311	Ortho (less than 65 percent P2O5).....		2,706,835	a/r/	433,009	a/r/	131,946	166,983
3253121322	Super (more than 65 percent P2O5) 6/.....		268,586	r/	317,310	r/	105,828	18,126
Superphosphate and other phosphatic fertilizer materials:								
3253124100	Gross weight.....		3,925,261		3,853,264		1,014,864	413,887
3253124131	Nitrogen content.....		(X)		(X)		(X)	(X)
3253124131	Phosphoric oxide content (100 percent P2O5).....		1,819,696		1,825,552		(X)	(X)
Monoammonium phosphates:								
3253124211	Gross weight.....	a/	1,456,700		1,424,707		349,157	132,225
3253124211	Nitrogen content.....		198,446		(X)		(X)	(X)
3253124211	Phosphoric oxide content (100 percent P2O5).....		725,501		(D)		(X)	(X)
Diammonium phosphates:								
3253124222	Gross weight.....		2,217,244		2,175,858		597,587	248,901
3253124222	Nitrogen content.....		423,159		(X)		(X)	(X)
3253124222	Phosphoric oxide content (100 percent P2O5).....		960,908		972,316		(X)	(X)
Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/								

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers			Stocks 1/
			Quantity	Value		
	Gross weight.....	251,317	a/	252,699	68,120	32,761
	Nitrogen content.....	(X)		(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	133,287		(D)	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/					
	Total gross.....	a/ 9,518,666	b/r/	2,997,900	b/r/ 153,082	a/ 437,223
	By feedstock:					
3251881111	Elemental sulfur.....	a/ 7,958,889	b/r/	1,731,325	c/r/ 86,058	(X)
3251881121	Smelting metallic sulfide ore.....	b/ 720,448	b/	670,327	c/ 21,646	(X)
3251881131	Decomposition of alkylation and other spent acid.....	643,536	a/	449,091	a/ 37,026	(D)
3251881141	Other.....	b/ 195,793	b/	147,157	b/ 8,352	(X)
	By grade:					
3251881212	Oleum grades.....	r/ 355,788	a/	246,908	b/ 12,577	a/ 35,080
3251881231	Other than oleum grades.....	a/ 9,162,878	a/r/	2,750,992	b/r/ 140,505	a/ 402,143
3251881311	Spent acid fortified in contact units and included in above production data.....	a/ 281,241		(X)	(X)	(D)
	Total new acid 8/.....	8,875,130		(X)	(X)	(X)
FIRST QUARTER						
Ammonia:						
3253111120	Synthetic, anhydrous (100 percent).....	b/ 2,895,103	a/r/	777,164	b/r/ 233,474	a/ 297,145
3253111121	Fertilizer use.....	a/ 2,555,813	a/r/	694,332	a/r/ 209,537	a/ 269,277
3253111131	Other uses.....	a/ 339,290		82,832	23,937	27,868
Ammonium nitrate (100 percent):						
3253111201	Original melt liquor 2/.....	2,052,339	b/	932,834	b/ 187,397	b/r/ 172,849
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	(D)		(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 1,098,558		(X)	(X)	c/ (D)
3253111221	High density prill and granular.....	(D)		(D)	(D)	(D)
3253111226	Low density prill and grained.....	b/ 540,189	b/	574,197	b/ 123,164	b/ 57,350
3253111231	All other (e.g., liquor sales, etc.).....	c/ 165,529	c/	(D)	c/ (D)	a/ 25,859
3253111240	Ammonium sulfate (100 percent).....	778,545		631,707	85,108	a/ 90,228
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)		(D)	a/ (D)	23,988
3253111246	Byproduct 3/.....	(D)		(D)	(D)	a/ 66,240
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	1,040,198		734,145	r/ 173,709	183,994
3253111251	Ammonium nitrate/urea solutions.....	986,352		680,920	r/ 167,336	(D)
3253111256	All other solutions 4/.....	r/ 53,846	r/	53,225	6,373	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/ 2,061,405	c/	591,218	c/ 83,361	(X)
3253114101	Urea original melt liquor.....	a/ 1,477,126	a/r/	501,491	a/r/ 158,398	b/ 83,736
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 715,271		(D)	(D)	(D)
3253114121	Prills.....	(D)		(D)	(D)	a/ (D)
3253114131	Granular.....	(D)	r/	232,957	a/r/ 60,844	36,923
3253114141	All other (liquor sales, melamine, feedstock, other).....	(D)		(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....	2,973,179	r/	775,384	214,724	146,963
	By use:					
3253121211	Fertilizer.....	a/ 2,718,478	b/r/	690,258	b/ 176,704	a/ 138,823
3253121222	Feed and other 6/.....	254,701		85,126	38,020	8,140
	By grade:					
3253121311	Ortho (less than 65 percent P2O5).....	a/ 2,690,861	c/r/	489,379	c/ 121,385	a/ 126,559

Table 2a. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2007
 [Quantity in short tons. Value in thousands of dollars]

Product code	Product description	Total production	Total shipments including interplant transfers			Stocks 1/
			Quantity	Value		
3253121322	Super (more than 65 percent P2O5) 6/.....	282,318	286,005	93,339		20,404
3253124100	Superphosphate and other phosphatic fertilizer materials:					
	Gross weight.....	3,981,906	4,126,050	839,187		364,439
	Nitrogen content.....	(X)	(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	1,840,880	1,951,804	(X)		(X)
3253124131	Monoammonium phosphates:					
	Gross weight.....	a/ 1,203,954	a/ 1,102,921	a/ 247,843		116,741
	Nitrogen content.....	160,345	(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	a/ 538,732	(D)	a/ (X)		(X)
3253124211	Diammonium phosphates:					
	Gross weight.....	2,344,680	2,584,273	495,537		186,748
	Nitrogen content.....	424,926	(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	1,082,847	1,191,340	(X)		(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/					
	Gross weight.....	a/ 433,272	a/ 438,856	95,807		60,950
	Nitrogen content.....	(X)	(X)	(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 219,301	(D)	(X)		(X)
3251881100	Sulfuric acid (100 percent): 5/					
	Total gross.....	a/ 9,656,209	b/r/ 2,776,572	b/r/ 144,490		a/ 511,639
	By feedstock:					
3251881111	Elemental sulfur.....	a/ 8,310,878	b/r/ 1,536,837	c/r/ 80,865		(X)
3251881121	Smelting metallic sulfide ore.....	657,330	665,814	a/ 21,229		(X)
3251881131	Decomposition of alkylation and other spent acid.....	a/ 515,409	a/ 430,002	a/ 34,070		(D)
3251881141	Other.....	a/ 172,592	b/ 143,919	b/ 8,326		(X)
	By grade:					
3251881212	Oleum grades.....	b/ 399,390	a/ 261,605	b/ 13,153		b/ 37,189
3251881231	Other than oleum grades.....	a/ 9,256,819	a/r/ 2,514,967	a/r/ 131,337		a/ 474,450
3251881311	Spent acid fortified in contact units and included in above production data.....	b/ 409,355	(X)	(X)		(D)
	Total new acid 8/.....	9,140,800	(X)	(X)		(X)

D Withheld to avoid disclosing data for individual companies. N Nitrogen content. P2O5 Phosphoric oxide content.
 r/Revised by 5 percent or more from previously published data. X Not applicable.

1/Stocks held by producing companies include amounts held at their nonproducing locations.

2/Production represents total amount of ammonium nitrate produced including amounts for fertilizer, explosives, and other uses, and amounts consumed in manufacturing other products, such as nitrogen solutions. Stocks represent total stocks held by producing companies, including stock of original melt liquor and amounts (liquid and solid) reported as fertilizer, explosives, and other uses.

3/Excludes coke oven byproduct ammonium sulfate.

4/Solutions containing two or more products such as (a) ammonia, ammonium nitrate; (b) ammonia, urea; (c) ammonia, ammonium nitrate, urea.

5/Includes data for government-owned, contractor-operated plants.

6/Product code 3253121222 includes product codes 3253121111 and 3253121221, and product code 3253121322 includes product codes 3253121111 and 3253121321.

7/Product code 3253124222 includes product codes 3253124111 and 3253124121.

8/Total new acid equals total gross acid, minus fortified spent acid and sulfuric acid produced from the decomposition of alkylation acids and other spent acids and sludge acid.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006
 [Quantity in short tons. Value in thousands of dollars]

Product code	Total production	Total shipments including interplant transfers		Stocks 1/	
		Quantity	Value		
TOTAL					
Ammonia:					
3253111120	Synthetic, anhydrous (100 percent).....	10,980,777	4,075,577	1,253,213	(X)
3253111121	Fertilizer use.....	9,746,182	3,737,999	1,153,618	(X)
3253111131	Other uses.....	1,234,595	337,578	99,595	(X)
Ammonium nitrate (100 percent):					
3253111201	Original melt liquor 2/.....	7,067,760	3,281,689	686,402	(X)
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	144,728	(X)	(X)	(X)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	3,707,688	(X)	(X)	(X)
3253111221	High density prill and granular.....	641,595	624,379	119,738	(X)
3253111226	Low density prill and grained.....	1,977,139	2,135,692	484,208	(X)
3253111231	All other (e.g., liquor sales, etc.).....	596,610	521,618	82,456	(X)
Ammonium sulfate (100 percent):					
3253111240	Synthetic (direct synthesis from sulfuric acid and ammonia).....	217,849	183,917	29,558	(X)
3253111241	Byproduct 3/.....	2,652,372	2,150,978	276,041	(X)
Nitrogen solutions, including mixtures (100 percent N):					
3253111250	Ammonium nitrate/urea solutions.....	3,720,098	2,759,810	617,015	(X)
3253111251	All other solutions 4/.....	3,542,438	2,600,574	592,285	(X)
3253111256		177,660	159,236	24,730	(X)
Nitric acid (100 percent) 5/:					
3253111111		7,244,540	2,353,264	321,844	(X)
Urea original melt liquor:					
3253114101	Consumed in the manufacture of urea-ammonium nitrate solutions.....	5,933,927	2,030,421	551,901	(X)
3253114111	Prills.....	2,570,489	229,316	60,820	(X)
3253114121	Granular.....	656,393	638,186	164,655	(X)
3253114131	All other (liquor sales, melamine, feedstock, other).....	2,622,129	1,084,247	266,319	(X)
3253114141		84,916	78,672	60,107	(X)
Phosphoric acid (100 percent P2O5):					
3253121100	By use:	11,796,531	3,973,906	1,118,570	(X)
3253121211	Fertilizer.....	10,807,680	3,356,106	835,521	(X)
3253121222	Feed and other 6/.....	988,851	617,800	283,049	(X)
By grade:					
3253121311	Ortho (less than 65 percent P2O5).....	10,608,093	2,780,404	726,059	(X)
3253121322	Super (more than 65 percent P2O5) 6/.....	1,188,438	1,193,502	392,511	(X)
Superphosphate and other phosphatic fertilizer materials:					
3253124100	Gross weight.....	15,287,915	15,743,286	3,142,989	(X)
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	7,184,063	7,319,484	(X)	(X)
Monoammonium phosphates:					
3253124131	Gross weight.....	4,346,275	4,415,682	920,860	(X)
	Nitrogen content.....	644,816	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	2,170,318	2,212,351	(X)	(X)
Diammonium phosphates:					
3253124211	Gross weight.....	9,615,059	10,072,686	1,970,883	(X)
	Nitrogen content.....	1,709,083	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	4,322,767	4,436,815	(X)	(X)
Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/					
3253124222	Gross weight.....	1,326,581	1,254,918	251,246	(X)

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006
 [Quantity in short tons. Value in thousands of dollars]

Product code		Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	690,978	670,318	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/				(X)
	Total gross.....	39,577,927	12,083,554	682,711	
	By feedstock:				
3251881111	Elemental sulfur.....	33,697,815	7,319,130	420,398	(X)
3251881121	Smelting metallic sulfide ore.....	2,258,047	2,242,457	80,655	(X)
3251881131	Decomposition of alkylation and other spent acid.....	2,844,239	1,854,954	148,312	(X)
3251881141	Other.....	777,826	667,013	33,346	(X)
	By grade:				
3251881212	Oleum grades.....	1,784,856	1,262,951	64,618	(X)
3251881231	Other than oleum grades.....	37,793,071	10,820,603	618,093	(X)
3251881311	Spent acid fortified in contact units and included in above production data.....	1,592,959	(X)	(X)	(X)
	Total new acid 8/.....	36,733,688	(X)	(X)	(X)
FOURTH QUARTER					
Ammonia:					
3253111120	Synthetic, anhydrous (100 percent).....	a/ 3,013,391	961,580	279,143	269,999
3253111121	Fertilizer use.....	a/ 2,673,395	(D)	(D)	231,751
3253111131	Other uses.....	339,996	(D)	(D)	38,248
Ammonium nitrate (100 percent):					
3253111201	Original melt liquor 2/.....	a/ 1,970,267	b/ 836,428	b/ 163,343	b/ 152,281
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	(D)	(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	1,056,214	(X)	(X)	b/ (D)
3253111221	High density prill and granular.....	(D)	(D)	(D)	(D)
3253111226	Low density prill and grained.....	a/ 525,608	b/ 505,801	b/ 107,465	a/ 44,905
3253111231	All other (e.g., liquor sales, etc.).....	b/ 175,295	b/ (D)	c/ (D)	a/ 20,009
3253111240	Ammonium sulfate (100 percent).....	742,799	565,998	76,298	135,804
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)	(D)	(D)	(D)
3253111246	Byproduct 3/.....	(D)	(D)	(D)	(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	1,030,604	759,596	170,224	145,976
3253111251	Ammonium nitrate/urea solutions.....	a/ 983,810	713,928	162,385	a/ (D)
3253111256	All other solutions 4/.....	a/ 46,794	45,668	7,839	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/ 1,946,428	c/ 573,723	c/ 80,204	(X)
3253114101	Urea original melt liquor.....	a/ 1,530,453	b/ 391,805	b/ 112,909	a/ 100,324
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 723,133	(D)	(D)	a/ (D)
3253114121	Prills.....	(D)	(D)	(D)	(D)
3253114131	Granular.....	(D)	158,880	39,344	51,405
3253114141	All other (liquor sales, melamine, feedstock, other).....	(D)	(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....	2,926,112	986,233	266,951	157,663
	By use:				
3253121211	Fertilizer.....	a/ 2,675,669	b/ 834,518	b/ 202,807	a/ 148,831
3253121222	Feed and other 6/.....	250,443	151,715	64,144	8,832
	By grade:				
3253121311	Ortho (less than 65 percent P2O5).....	a/ 2,646,353	c/ 704,159	c/ 176,729	a/ 139,990
3253121322	Super (more than 65 percent P2O5) 6/.....	279,759	282,074	90,222	17,673
3253124100	Superphosphate and other phosphatic				

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006
 [Quantity in short tons. Value in thousands of dollars]

Product code		Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
	fertilizer materials:				
	Gross weight.....	3,640,231	3,983,954	768,134	369,130
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	1,709,963	1,772,199	(X)	(X)
3253124131	Monoammonium phosphates:				
	Gross weight.....	b/ 998,562	b/ 1,020,485	b/ 199,991	b/ 84,773
	Nitrogen content.....	a/ 146,150	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 483,112	b/ 497,353	b/ (X)	(X)
3253124211	Diammonium phosphates:				
	Gross weight.....	b/ 2,321,305	b/ 2,629,860	b/ 501,576	b/ 230,115
	Nitrogen content.....	b/ 426,981	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 1,052,192	b/ 1,101,113	b/ (X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/				
	Gross weight.....	a/ 320,364	a/ 333,609	b/ 66,567	54,242
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	c/ 174,659	173,733	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/				
	Total gross.....	a/ 9,980,984	b/ 2,865,651	b/ 163,912	a/ 577,630
	By feedstock:				
3251881111	Elemental sulfur.....	a/ 8,643,662	b/ 1,802,632	b/ 100,867	(X)
3251881121	Smelting metallic sulfide ore.....	b/ 448,798	b/ 449,754	c/ 18,144	(X)
3251881131	Decomposition of alkylation and other spent acid.....	701,256	461,956	36,156	(D)
3251881141	Other.....	r/ 187,268	a/ 151,309	a/ 8,745	(X)
	By grade:				
3251881212	Oleum grades.....	a/ 456,573	b/ 312,151	b/ 15,143	b/ 35,063
3251881231	Other than oleum grades.....	a/ 9,524,411	b/ 2,553,500	b/ 148,769	a/ 542,567
3251881311	Spent acid fortified in contact units and included in above production data.....	a/ 454,459	(X)	(X)	(D)
	Total new acid 8/.....	9,279,728	(X)	(X)	(X)
THIRD QUARTER					
	Ammonia:				
3253111120	Synthetic, anhydrous (100 percent).....	a/ 2,725,172	792,896	a/ 236,255	250,786
3253111121	Fertilizer use.....	a/ 2,451,594	(D)	(D)	208,231
3253111131	Other uses.....	273,578	(D)	(D)	42,555
	Ammonium nitrate (100 percent):				
3253111201	Original melt liquor 2/.....	a/ 1,746,689	b/ 745,254	b/ 149,952	b/ 131,888
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	(D)	(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	958,114	(X)	(X)	b/ (D)
3253111221	High density prill and granular.....	(D)	(D)	(D)	(D)
3253111226	Low density prill and grained.....	a/ 474,024	b/ 507,654	b/ 108,947	a/ 19,113
3253111231	All other (e.g., liquor sales, etc.).....	b/ 144,784	(D)	(D)	9,022
3253111240	Ammonium sulfate (100 percent).....	699,436	578,418	72,734	113,363
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)	(D)	(D)	(D)
3253111246	Byproduct 3/.....	(D)	(D)	(D)	(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	a/ 963,479	a/ 665,997	a/ 154,691	a/ 159,059
3253111251	Ammonium nitrate/urea solutions.....	a/ 920,060	a/ 626,774	a/ 148,730	(D)
3253111256	All other solutions 4/.....	b/ 43,419	a/ 39,223	b/ 5,961	(D)

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006
 [Quantity in short tons. Value in thousands of dollars]

Product code		Total production	Total shipments including interplant transfers				Stocks 1/
			Quantity		Value		
325311211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....	(D)	(X)		(X)		(D)
325311216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 984,589	(X)		(X)	c/	(D)
325311221	High density prill and granular.....	(D)	(D)		(D)		(D)
325311226	Low density prill and grained.....	a/ 487,691	b/ 537,636	b/	125,690	a/	36,666
325311231	All other (e.g., liquor sales, etc.).....	b/ 129,207	b/ (D)	b/	(D)	a/	6,929
325311240	Ammonium sulfate (100 percent).....	757,001	587,711		77,394		152,175
325311241	Synthetic (direct synthesis from sulfuric acid and ammonia).....	(D)	(D)		(D)		(D)
325311246	Byproduct 3/.....	(D)	(D)		(D)		(D)
325311250	Nitrogen solutions, including mixtures (100 percent N).....	b/ 931,840	a/ 732,358	b/	163,568	b/	146,506
325311251	Ammonium nitrate/urea solutions.....	b/ 892,454	b/ 696,784	b/	158,521		(D)
325311256	All other solutions 4/.....	b/ 39,386	a/ 35,574	b/	5,047		(D)
325311111	Nitric acid (100 percent) 5/.....	b/ 1,849,444	c/ 584,830	c/	78,535		(X)
325311410	Urea original melt liquor.....	a/ 1,620,196	b/ 639,968	b/	167,223	a/	146,192
325311411	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/ 639,688	(D)		(D)		(D)
325311412	Prills.....	181,601	(D)		(D)		(D)
325311413	Granular.....	774,314	385,987		96,033		97,293
325311414	All other (liquor sales, melamine, feedstock, other).....	24,593	(D)		(D)		(D)
325312110	Phosphoric acid (100 percent P2O5).....	2,969,006	975,962		280,756		148,729
	By use:						
325312121	Fertilizer.....	a/ 2,735,673	b/ 830,386	b/	210,904		142,825
325312122	Feed and other 6/.....	233,333	145,576		69,852		5,904
	By grade:						
325312131	Ortho (less than 65 percent P2O5).....	2,673,620	c/ 679,510	b/	182,043		130,873
325312132	Super (more than 65 percent P2O5) 6/.....	295,386	296,452		98,713		17,856
325312410	Superphosphate and other phosphatic fertilizer materials:						
	Gross weight.....	4,011,819	4,036,215		802,813		589,577
	Nitrogen content.....	(X)	(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	1,874,762	1,906,665		(X)		(X)
325312413	Monoammonium phosphates:						
	Gross weight.....	1,049,559	1,110,612		241,772		163,196
	Nitrogen content.....	b/ 161,297	(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	534,337	567,625		(X)		(X)
325312421	Diammonium phosphates:						
	Gross weight.....	2,676,558	2,688,043		515,837		373,985
	Nitrogen content.....	472,777	(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	1,197,969	1,204,461		(X)		(X)
325312422	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/						
	Gross weight.....	b/ 285,702	a/ 237,560	a/	45,204		52,396
	Nitrogen content.....	(X)	(X)		(X)		(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 142,456	b/ 134,579		(X)		(X)
325188110	Sulfuric acid (100 percent): 5/						
	Total gross.....	a/ 9,943,193	b/ 3,163,288	b/	178,242		525,711
	By feedstock:						
325188111	Elemental sulfur.....	a/ 8,413,458	b/ 1,888,533	b/	109,289		(X)
325188112	Smelting metallic sulfide ore.....	594,075	596,059	a/	20,942		(X)

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006
 [Quantity in short tons. Value in thousands of dollars]

Product code			Total production	Total shipments including interplant transfers		Stocks 1/
				Quantity	Value	
3251881131	Decomposition of alkylation and other spent acid.....	b/	754,999	494,296	39,076	(D)
3251881141	Other.....	a/	180,661	184,400	8,935	(X)
	By grade:					
3251881212	Oleum grades.....	a/	443,059	334,656	18,574	b/ 35,301
3251881231	Other than oleum grades.....	a/	9,500,134	2,828,632	159,668	490,410
3251881311	Spent acid fortified in contact units and included in above production data.....	a/	380,740	(X)	(X)	(D)
	Total new acid 8/.....		9,188,194	(X)	(X)	(X)
FIRST QUARTER						
Ammonia:						
3253111120	Synthetic, anhydrous (100 percent).....	b/	2,351,433	1,226,383	400,045	a/ 401,016
3253111121	Fertilizer use.....	a/	2,039,240	1,131,851	367,460	a/ 355,342
3253111131	Other uses.....	c/	312,193	94,532	32,585	b/ 45,674
Ammonium nitrate (100 percent):						
3253111201	Original melt liquor 2/.....	b/	1,519,519	849,418	190,468	168,793
3253111211	Consumed in the manufacture of other nitrogen solutions (e.g., CAN17, AN20, AAN).....		(D)	(X)	(X)	(D)
3253111216	Liquor consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	708,771	(X)	(X)	(D)
3253111221	High density prill and granular.....		(D)	(D)	(D)	(D)
3253111226	Low density prill and grained.....	a/	489,816	584,601	142,106	a/ 21,209
3253111231	All other (e.g., liquor sales, etc.).....	b/	147,324	(D)	(D)	8,907
3253111240	Ammonium sulfate (100 percent).....		670,985	602,768	79,173	158,302
3253111241	Synthetic (direct synthesis from sulfuric acid and ammonia).....		(D)	(D)	(D)	(D)
3253111246	Byproduct 3/.....		(D)	(D)	(D)	(D)
3253111250	Nitrogen solutions, including mixtures (100 percent N).....	b/	794,175	601,859	128,532	b/ 215,361
3253111251	Ammonium nitrate/urea solutions.....	b/	746,114	563,088	122,649	(D)
3253111256	All other solutions 4/.....	b/	48,061	38,771	5,883	(D)
3253111111	Nitric acid (100 percent) 5/.....	b/	1,561,946	635,306	87,119	(X)
3253114101	Urea original melt liquor.....	b/	1,189,461	451,263	126,937	b/ 172,416
3253114111	Consumed in the manufacture of urea-ammonium nitrate solutions.....	a/	513,534	(D)	(D)	(D)
3253114121	Prills.....		(D)	(D)	(D)	(D)
3253114131	Granular.....		(D)	226,327	56,014	114,339
3253114141	All other (liquor sales, melamine, feedstock, other).....		(D)	(D)	(D)	(D)
3253121100	Phosphoric acid (100 percent P2O5).....		2,867,898	1,017,268	296,789	159,822
	By use:					
3253121211	Fertilizer.....	a/	2,622,325	861,892	219,161	154,562
3253121222	Feed and other 6/.....		245,573	155,376	77,628	5,260
	By grade:					
3253121311	Ortho (less than 65 percent P2O5).....		2,536,466	687,607	186,109	137,407
3253121322	Super (more than 65 percent P2O5) 6/.....		331,432	329,661	110,680	22,415
3253124100	Superphosphate and other phosphatic fertilizer materials:					
	Gross weight.....		3,745,498	3,674,752	776,456	590,254
	Nitrogen content.....		(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....		1,768,907	1,737,889	(X)	(X)
3253124131	Monoammonium phosphates:					
	Gross weight.....		1,165,490	1,072,752	235,839	204,751
	Nitrogen content.....	b/	173,754	(X)	(X)	(X)
	Phosphoric oxide content (100 percent					

Table 2b. Production, Shipments, Consumption, and Stocks of Fertilizers and Related Chemicals: 2006
 [Quantity in short tons. Value in thousands of dollars]

Product code		Total production	Total shipments including interplant transfers		Stocks 1/
			Quantity	Value	
	P2O5).....	583,095	534,241	(X)	(X)
3253124211	Diammonium phosphates:				
	Gross weight.....	2,165,788	2,218,776	459,421	288,544
	Nitrogen content.....	373,393	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	973,167	993,814	(X)	(X)
3253124222	Normal, enriched, concentrated, and other ammonium phosphates and other phosphatic fertilizer materials: 7/				
	Gross weight.....	a/ 414,220	383,224	81,196	96,959
	Nitrogen content.....	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100 percent P2O5).....	b/ 212,645	b/ 209,834	(X)	(X)
3251881100	Sulfuric acid (100 percent): 5/				
	Total gross.....	a/ 9,699,825	b/ 2,950,121	b/ 166,198	581,765
	By feedstock:				
	Elemental sulfur.....	a/ 8,252,302	b/ 1,779,528	b/ 105,977	(X)
3251881121	Smelting metallic sulfide ore.....	654,437	602,149	a/ 18,293	(X)
3251881131	Decomposition of alkylation and other spent acid.....	604,682	393,755	34,923	(D)
3251881141	Other.....	188,404	a/ 174,689	a/ 7,005	(X)
	By grade:				
3251881212	Oleum grades.....	b/ 439,585	b/ 291,256	b/ 14,516	b/ 42,873
3251881231	Other than oleum grades.....	9,260,240	a/ 2,658,865	b/ 151,682	a/ 538,892
3251881311	Spent acid fortified in contact units and included in above production data.....	a/ 416,185	(X)	(X)	(D)
	Total new acid 8/.....	9,095,143	(X)	(X)	(X)

D Withheld to avoid disclosing data for individual companies. N Nitrogen content. P2O5 Phosphoric oxide content.
 r/Revised by 5 percent or more from previously published data. X Not applicable.

1/Stocks held by producing companies include amounts held at their nonproducing locations.

2/Production represents total amount of ammonium nitrate produced including amounts for fertilizer, explosives, and other uses, and amounts consumed in manufacturing other products, such as nitrogen solutions. Stocks represent total stocks held by producing companies, including stock of original melt liquor and amounts (liquid and solid) reported as fertilizer, explosives, and other uses.

3/Excludes coke oven byproduct ammonium sulfate.

4/Solutions containing two or more products such as (a) ammonia, ammonium nitrate; (b) ammonia, urea; (c) ammonia, ammonium nitrate, urea.

5/Includes data for government-owned, contractor-operated plants.

6/Product code 3253121222 includes product codes 3253121111 and 3253121221, and product code 3253121322 includes product codes 3253121111 and 3253121321.

7/Product code 3253124222 includes product codes 3253124111 and 3253124121.

8/Total new acid equals total gross acid, minus fortified spent acid and sulfuric acid produced from the decomposition of alkylation acids and other spent acids and sludge acid.

Note: Percent of estimation of each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 3. Quantity of Production, Exports, Imports, and Apparent Consumption of Fertilizers and Related Chemicals: 2007 and 2006
 [Quantity in thousands of metric tons]

Product code	Product description	Production	Exports of domestic merchandise 1/	Percent exports to production	Imports for consumption 2/	Apparent consumption 3/	Percent imports to apparent consumption
2007							
325311120	Ammonia, synthetic anhydrous.....	10,385.5	N/A	N/A	7,939.6	N/A	N/A
325311201	Ammonium nitrate, original solution.....	7,471.5	N/A	N/A	1,107.2	N/A	N/A
325311250	Nitrogen solutions, ammonium nitrate/ urea solutions.....	3,597.9	N/A	N/A	3,201.7	N/A	N/A
325311240	Ammonium sulfate.....	2,852.9	N/A	N/A	404.7	N/A	N/A
3253114100	Urea.....	5,584.7	N/A	N/A	6,546.4	N/A	N/A
3253121100	Phosphoric acid.....	10,959.7	N/A	N/A	578.6	N/A	N/A
3253124211	Diammonium phosphates.....	8,483.3	N/A	N/A	14.7	N/A	N/A
3251881100	Sulfuric acid, gross.....	36,055.7	336.4	0.9	2,620.4	38,339.7	6.8
2006							
325311120	Ammonia, synthetic anhydrous.....	9,961.6	N/A	N/A	7,197.8	N/A	N/A
325311201	Ammonium nitrate, original solution.....	6,411.8	N/A	N/A	1,110.3	N/A	N/A
325311250	Nitrogen solutions, ammonium nitrate/ urea solutions.....	3,374.8	N/A	N/A	1,978.0	N/A	N/A
325311240	Ammonium sulfate.....	2,603.8	N/A	N/A	339.0	N/A	N/A
3253114100	Urea.....	5,383.2	N/A	N/A	5,029.4	N/A	N/A
3253121100	Phosphoric acid.....	10,701.6	N/A	N/A	109.5	N/A	N/A
3253124211	Diammonium phosphates.....	8,722.6	N/A	N/A	54.4	N/A	N/A
3251881100	Sulfuric acid, gross.....	35,904.5	248.3	0.7	2,453.2	38,109.4	6.4

NA Not available.

1/Source: Census Bureau report EM 545, U.S. Exports.

2/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

3/Apparent consumption is derived by subtracting exports from manufacturers' production plus imports. Apparent consumption does not include any adjustments for changes in inventories.

Note: For comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export codes and HTSUSA import codes, see Table 4.

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes and HTSUSA Import Codes: 2007

Product code	Product description	Export code 1/	Import code 2/
3253111120	Anhydrous ammonia, synthetic.....	2814.10.0000	2814.10.0000
3253111201	Ammonium nitrate, original solution.....	3102.30.0000	3102.30.0000
3253111240	Ammonium sulfate.....	3102.21.0000	3102.21.0000
3253111251	Nitrogen solutions, ammonium nitrate/urea solutions.....	3102.80.0000	3102.80.0000
3253114100	Urea.....	3102.10.0000	3102.10.0000
3253121100	Phosphoric acid.....	2809.20.0010	2809.20.0010
		2809.20.0020	2809.20.0020
		2809.20.0030	2809.20.0030
3253124111	Normal and enriched superphosphates.....	3103.10.0010	3103.10.0010
3253124121	Concentrated superphosphates.....	3103.10.0020	3103.10.0020
3253124211	Diammonium phosphates.....	3105.30.0000	3105.30.0000
3251881100	Sulfuric acid.....	2807.00.0000	2807.00.0000

1/Source: 2007 edition, Harmonized System-based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Harmonized Tariff Schedule of the United States, Annotated (2007).

Historical Note

The Census Bureau has collected data on inorganic fertilizer chemicals and sulfuric acid since 1941.

Historical Current Industrial Reports data (called Facts for Industry before 1959) may be obtained from a Federal Depository Library. To locate a Federal Depository Library in your area, please visit <http://www.gpoaccess.gov/libraries.html>.