

# Mineral Industry Surveys

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**For information, contact:**

Dennis S. Kostick, Soda Ash Commodity Specialist  
U.S. Geological Survey  
983 National Center  
Reston, VA 20192  
Telephone: (703) 648-7715, Fax: (703) 648-7757  
E-mail: [dkostick@usgs.gov](mailto:dkostick@usgs.gov)

Nicholas A. Muniz (Data)  
Telephone: (703) 648-7980  
Fax: (703) 648-7975  
E-mail: [nmuniz@usgs.gov](mailto:nmuniz@usgs.gov)

**Internet:** <http://minerals.usgs.gov/minerals>

## SODA ASH IN SEPTEMBER 2006

Natural soda ash production in September was 859,000 metric tons (t), 7.2% lower than the previous month's production of 926,000 t, according to the U.S. Geological Survey. Ending inventories were 206,000 t, 11.6% lower than the preceding month's inventories. Wyoming trona production in September was 1.48 million tons. Total production of chemical caustic soda was withheld to avoid disclosing company proprietary data.

Apparent consumption of soda ash in August was 561,000 t, 9% higher than in August 2005.

Exports and imports of soda ash in August 2006 were 391,000 t and 297 t, respectively.

The trends in cumulative soda ash statistics through August 2006, compared with those of August 2005, were as follows: production was 1.27% lower, imports 33.8% lower, exports slightly higher, ending stocks 30.4% lower, and apparent consumption 2.6% lower.

TABLE 1  
SALIENT SODA ASH STATISTICS<sup>1</sup>

(Thousand metric tons)

Period	Soda ash		Wyoming trona production
	Production <sup>2</sup>	Ending stocks	
2005:			
August	893	246	1,380
September	923	296	1,480
October	898	307	1,320
November	895	292	1,310
December	922	243	1,360
Total (January-September)	8,240	XX	13,000
Year total	11,000	XX	17,000
2006:			
January	946	181	1,190
February	801	198	1,270
March	952	249	1,460
April	874	259	1,290
May	909	204	1,190
June	910	231	1,330
July	952	259	1,430
August	926 <sup>r</sup>	233 <sup>r</sup>	1,500
September	859	206	1,480
Total	8,130	XX	12,100

<sup>r</sup>Revised. XX Not applicable.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Production data include soda ash equivalent from soda liquors only. Soda ash equivalent from mine water is not included. Soda liquors are withheld to avoid disclosing company proprietary data.

TABLE 2  
U.S. EXPORTS OF SODA ASH BY COUNTRY, IN AUGUST 2006<sup>1,2</sup>

Country	Quantity (metric tons)	Value <sup>3</sup> (thousands)	Unit value
Canada	47,000	\$6,430	\$137
Venezuela	38,100	6,520	171
Mexico	37,800	6,030	160
Chile	37,600	6,490	173
China	31,800	4,440	140
Colombia	28,900	5,080	176
Brazil	21,000	3,340	159
Korea, Republic of	18,800	3,480	185
Taiwan	18,400	3,460	188
Thailand	18,400	3,570	194
Other	92,800	16,300	176
Total or average	391,000	65,100	167

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>September 2006 data were not available at time of publication.

<sup>3</sup>Free alongside ship value at U.S. ports.

Source: U.S. Census Bureau.

TABLE 3  
U.S. EXPORTS OF SODA ASH BY COUNTRY, IN 2006<sup>1,2</sup>

(Metric tons)

Country	January	February	March	April	May	June	July	August	Total	% of total
Argentina	--	--	--	14,600	25,000	--	17,600	10,600	67,800	2
Aruba	--	--	--	--	--	10	--	--	10	(3)
Australia	2,450	7,010	--	--	4,810	11,800	7,000	7,030	40,100	1
Bahrain	--	--	204	138	234	78	234	--	888	(3)
Belgium	38,300	12,200	498	29,200	14,600	32,000	12,000	--	139,000	4
Brazil	51,900	15,700	24,900	31,800	81,200	--	83,200	21,000	310,000	10
Cameroon	--	--	59	56	--	--	--	--	114	(3)
Canada	35,000	27,600	35,200	38,500	40,000	55,100	47,400	47,000	326,000	10
Chile	31,800	35,100	--	29,800	--	24,800	--	37,600	159,000	5
China	--	--	--	--	--	39,200	--	31,800	71,000	2
Colombia	15,600	--	13,900	11,000	19,900	--	--	28,900	89,300	3
Costa Rica	--	--	--	7,500	4,500	--	--	3,000	15,000	(3)
Dominican Republic	--	--	6,050	--	--	--	--	--	6,050	(3)
Ecuador	--	--	8,000	4,050	--	--	--	--	12,100	(3)
El Salvador	--	--	10,000	--	--	--	--	--	10,000	(3)
Finland	--	--	--	--	--	--	17	17	34	(3)
France	22	--	58	15,200	22	14,700	--	44	30,100	1
Germany	--	--	44	68	--	42	--	39	193	(3)
Grenada	--	--	5	5	--	--	--	--	9	(3)
Guatemala	5,950	--	--	6,610	--	7,070	--	6,080	25,700	1
Hong Kong	--	--	--	8	22	--	--	--	30	(3)
India	--	--	--	--	--	--	49	--	49	(3)
Indonesia	40,200	--	30,100	22,000	20,500	19,700	18,900	12,400	164,000	5
Italy	--	--	--	18	--	--	--	--	18	(3)
Japan	4,400	49,000	12,300	15,200	27,800	10,100	22,100	10,600	152,000	5
Korea, Republic of	--	25,300	19,300	12,400	19,000	--	25,000	18,800	120,000	4
Lithuania	--	--	--	--	--	--	--	17,900	17,900	1
Malaysia	--	--	12,000	8,020	--	22,100	--	--	42,100	1
Mexico	54,600	72,700	52,100	63,100	90,700	78,300	73,000	37,800	522,000	17
Netherlands	15,100	42	39	12,100	11,400	20	10,100	160	49,000	2
New Zealand	15,000	--	--	6,020	--	--	--	6,000	27,100	1
Nigeria	--	--	--	--	--	--	--	6,990	6,990	(3)
Palau	--	--	--	--	--	17	--	--	17	(3)
Panama	2,000	--	--	2,000	--	--	--	2,000	6,000	(3)
Peru	--	10,700	--	13,300	--	--	--	--	24,000	1
Philippines	--	--	10,200	5,000	--	--	8,170	--	23,400	1
Portugal	10,500	5,000	--	--	--	10,000	--	--	25,500	1
Russia	600	--	--	--	--	--	--	--	600	(3)
Saudi Arabia	37,400	21,000	--	9,700	--	18,100	11,500	--	97,800	3
South Africa	6,640	13,300	16,000	6,520	7,610	6,450	--	--	56,500	2
Spain	35	33	30,300	17,200	27,700	7,550	22,800	9,890	115,000	4
Sweden	--	1	--	--	--	--	--	--	1	(3)
Taiwan	22,300	15,100	20,500	--	16,600	17,500	17,200	18,400	128,000	4
Thailand	21,100	--	27,100	22,800	6,700	16,600	--	18,400	113,000	4
United Arab Emirates	17,000	6,000	--	6,000	--	7,060	5,510	--	41,600	1
United Kingdom	--	--	--	--	--	--	13	--	13	(3)
Venezuela	17,300	6,880	38,000	--	16,300	8,500	--	38,100	125,000	4
Total	445,000	322,000	367,000	410,000	435,000	407,000	382,000	391,000	3,160,000	100

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>September 2006 data were not available at time of publication.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 4  
U.S. IMPORTS OF SODA ASH<sup>1, 2</sup>

Period	Quantity (metric tons)	Value <sup>3</sup> (thousands)
2005:		
August	685	227
September	270	116
October	441	172
November	768	238
December	596	243
Total (January-September)	6,400	1,810
Year total	8,210	2,460
2006:		
January	673	221
February	456	179
March	619	199
April	505	184
May	896	259
June	259	102
July	359	161
August	297	102
Total	4,060	1,410

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>September 2006 data were not available at time of publication.

<sup>3</sup>Cost, insurance, and freight value at U.S. ports.

Source: U.S. Census Bureau.

TABLE 5  
U.S. APPARENT CONSUMPTION OF SODA ASH<sup>1</sup>

(Metric tons)

Period	Production	Imports	Exports	Net stock		Apparent consumption <sup>2</sup>
				Increase	Decrease	
2005:						
August	893,000	685	432,000	--	50,500	513,000
September	923,000	270	328,000	49,600	--	545,000
October	898,000	441	356,000	11,300	--	530,000
November	895,000	768	408,000	--	14,800	503,000
December	922,000	596	409,000	--	49,600	563,000
Total (January-August)	7,320,000	6,130	3,180,000	--	38,300	4,240,000
Total	11,000,000	8,210	4,680,000	--	95,000	6,380,000
2006:						
January	946,000	673	445,000	--	61,800	563,000
February	801,000	456	322,000	17,200	--	462,000
March	952,000	619	367,000	50,800	--	535,000
April	874,000	505	410,000	10,300	--	454,000
May	909,000	896	435,000	--	55,100	530,000
June	910,000	259	407,000	26,600	--	477,000
July	952,000	359	382,000	28,000	--	543,000
August	926,000 <sup>r</sup>	297	391,000	--	26,100 <sup>r</sup>	561,000
September	859,000	NA	NA	--	26,700	NA
January-August	7,270,000	4,060	3,160,000	--	36,800	4,130,000

<sup>r</sup>Revised. NA Not available. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Production plus imports minus exports plus or minus stock changes.