

TABLE 1
SALIENT IODINE STATISTICS 1/

(Thousand kilograms, unless otherwise specified)

	1996	1997	1998	1999	2000
United States:					
Production	1,270	1,320	1,490	1,620	1,470
Imports for domestic consumption 2/ 3/	4,860	6,380	5,960	5,430	4,790
Exports 2/ 3/	2,410	2,760	2,790	1,130	886
Consumption:					
Reported 4/	3,920	4,500	4,100	4,540	3,990
Apparent 5/	3,700	5,140	4,950	5,990	5,420
Price, imports, average c.i.f. value, dollars per kilogram 2/	\$12.82	\$14.74	\$16.45	\$16.15	\$14.59
World, production	14,100 r/	15,700 r/	18,600 r/	18,400 r/	18,000 e/

e/ Estimated. r/ Revised.

1/ Data are rounded to no more than three significant digits, except prices.

2/ U.S. Census Bureau.

3/ Only the crude iodine "content" of the potassium iodide as declared by tables 4 and 5 is incorporated in data or calculations for this table.

4/ Reported by voluntary response to the U.S. Geological Survey from a survey of domestic establishments.

5/ Calculated by using domestic production plus imports minus exports plus adjustments for Government and domestic industry stock changes.

TABLE 2
DOMESTIC CONSUMPTION OF CRUDE IODINE, BY PRODUCT 1/

(Thousand kilograms)

Product	1999		2000	
	Number of plants	Quantity	Number of plants	Quantity
Inorganic compounds:				
Resublimed iodine	9	196	11	205
Potassium iodide	9	676	9	496
Sodium iodide	7	373	7	403
Ammonium iodide	1	W	1	W
Calcium iodate	2	W	1	W
Cuprous iodide	2	W	2	W
Hydriodic acid	4	177	3	175
Potassium iodate	3	70	3	94
Other inorganic compounds	6	367	7	799
Total	(2/)	1,860	(2/)	2,170
Organic compounds:				
Ethylenediamine dihydroiodide	4	877	3	176
Methyl and/or ethyl iodide	3	68	2	W
Povidone-iodine (idophors)	4	645	--	--
Other organic compounds	8	1,090	7	1,640
Total	(2/)	2,680	(2/)	1,820
Grand total:				
Reported consumption 3/	(2/)	4,540	(2/)	3,990
Apparent consumption 4/	(2/)	5,990	(2/)	5,420

W Withheld to avoid disclosing company proprietary data; included with "Other inorganic compounds" and "Other organic compounds." -- Zero.

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

2/ Nonadditive because some plants produce more than one product concurrently.

3/ Reported by voluntary response to the U.S. Geological Survey in a survey of domestic establishments.

4/ Calculated by using domestic production plus imports minus exports plus adjustments for Government and domestic industry stock changes.

TABLE 3
YEAREND 2000 PRICES OF ELEMENTAL IODINE AND SELECTED COMPOUNDS

(Dollars)

Elemental iodine/compounds	Value 1/	
	Per kilogram	Per pound
Calcium iodate, FCC drums, f.o.b. works	16.42	7.45
Calcium iodide, 50-kilogram drums, f.o.b. works	30.00	13.61
Iodine, crude, drums	19.00-21.00	8.62-9.53
Potassium iodide, U.S.P., drums, 5,000-pound lots, delivered	26.48	12.01
Sodium iodide, U.S.P., crystals, 5,000-pound lots, drums, freight-equalized	36.38	16.50

1/ Conditions of final preparation, transportation, quantities, and qualities not stated are subject to negotiations and/or somewhat different price quotations.

Source: Chemical Market Reporter. Current Prices of Chemicals and Related Materials; v. 258, no. 25, December 18, 2000, p. 23-28.

TABLE 4
U.S. IMPORTS OF CRUDE IODINE AND POTASSIUM IODIDE FOR
DOMESTIC CONSUMPTION, BY COUNTRY OF ORIGIN 1/

(Thousand kilograms and thousand dollars)

Material type and country of origin 2/	1999		2000	
	Quantity	Value 3/	Quantity	Value 3/
Iodine, crude:				
Canada	4	33	--	--
Cayman Islands	--	--	18	234
Chile	3,490	54,800	3,450	49,100
China	--	--	5	47
Germany	3	52	--	--
Japan	1,480	25,300	1,220	18,600
Russia	109	1,880	87	1,260
Switzerland	36	540	--	--
Other 4/	21	365	7	68
Total	5,140	83,000	4,790	69,400
Iodide, potassium: 5/				
Canada	247	4,310	222	3,720
Chile	36	622	37	590
Japan	1	9	1	20
Other 6/	9	154	223	3,330
Total	293	5,090	483	7,660
Grand total	5,430	88,100	5,270	77,000

-- Zero.

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

2/ Import information for crude iodine and potassium iodide are reported by HTS numbers 2801.20.0000 and 2827.60.2000, respectively.

3/ Declared cost, insurance, freight (c.i.f.) valuation.

4/ Includes Georgia (1999), India, Mexico (2000), and the Netherlands (1999).

5/ Gross potassium iodide contains 76% crude iodine.

6/ Includes Denmark (1999), France (2000), Germany, India (1999), Israel, and the Netherlands (2000).

Source: U.S. Census Bureau.

TABLE 5
U.S. EXPORTS OF CRUDE IODINE AND POTASSIUM IODIDE,
BY COUNTRY OF DESTINATION 1/

(Thousand kilograms and thousand dollars)

Material type and country of origin 2/	1999		2000	
	Quantity	Value 3/	Quantity	Value 3/
Iodine, crude/resublimed:				
Canada	28	551	69	1,160
France	34	564	45	716
Germany	686	10,800	597	8,330
India	22	375	(4/)	5
Mexico	166	2,170	120	1,630
Netherlands	34	630	--	--
United Kingdom	--	--	68	978
Other 5/	138	2,340	109	1,780
Total	1,110	17,400	1,010	14,600
Iodide, potassium: 6/				
Australia	1	20	--	--
Mexico	7	120	8	141
Netherlands	2	50	3	49
Thailand	(4/)	9	--	--
Turkey	10	205	--	--
Other 7/	5	126	11	198
Total	25	530	22	388
Grand total	1,130	18,000	1,130	15,000

-- Zero.

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

2/ Export information for iodine, crude/resublimed and potassium iodide are reported by HTS numbers 2801.20.0000 and 2827.60.2000, respectively.

3/ Declared free alongside ship (f.a.s.) valuation.

4/ Less than 1/2 unit.

5/ Includes Belgium, Columbia (2000), Costa Rica (1999), the Dominican Republic (2000), Denmark (2000), El Salvador (2000), Italy (1999), Japan, the Republic of Korea (1999), Norway (2000), Portugal (1999), Spain (1999), Taiwan (2000), Thailand, and Venezuela.

6/ Gross potassium iodide contains 76% crude iodine.

7/ Includes Denmark (1999), France (1999), Germany (2000), Indonesia (1999), Jamaica (1999), Malaysia (1999), Singapore (1999), Switzerland (2000), Taiwan (2000), the United Kingdom (1999), and Vietnam (1999).

Source: U.S. Census Bureau.

TABLE 6
CRUDE IODINE: WORLD PRODUCTION, BY COUNTRY 1/ 2/

(Thousand kilograms)

Country	1996	1997	1998	1999	2000 e/
Azerbaijan e/	300	300	300	300	300
Chile 3/	5,514	7,154	9,722	9,317 r/	9,100
China e/	500	500	500	500	500
Indonesia e/	75	83	66	70	70
Japan	6,178	6,036	6,142	6,152 r/	6,100
Russia e/	250 r/	250 r/	280 r/	300 r/	300
Turkmenistan	35	87	90 e/	150 e/	150
United States	1,270	1,320	1,490	1,620	1,470 4/
Uzbekistan e/	--	--	1	2	2
Total	14,100 r/	15,700 r/	18,600 r/	18,400 r/	18,000

e/ Estimated. r/ Revised. -- Zero.

1/ World totals, U.S. data, and estimated data are rounded to no more than three significant digits; may not add to totals shown.

2/ Table includes data available through June 8, 2001.

3/ Includes iodine production reported by Servicio Nacional de Geología y Minería.

4/ Reported figure.