

**IODINE STATISTICS<sup>1</sup>**  
**U.S. GEOLOGICAL SURVEY**  
[All values in metric tons (t) iodine unless otherwise noted]  
Last modification: November 20, 2007

Year	Production	Government shipments	Imports	Exports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1928			327		327	7,430	70,800	
1929			284		284	7,907	75,400	
1930			224		224	8,030	78,400	
1931			126		126	7,895	84,700	
1932	78.9		287		365	7,768	92,400	
1933	182		640		822	4,586	57,500	
1934	129		672		801	3,178	38,700	
1935	111		170		282	2,468	29,400	
1936	106		269		375	2,078	24,400	
1937	136		892		1,028	2,000	22,600	
1938			259		259	1,794	20,700	
1939			90.7		91	1,855	21,700	
1940			564		564	2,297	26,700	
1941			458		458	2,448	27,100	
1942			431		431	2,437	24,400	
1943			1,250		1,245	2,443	23,000	
1944			546		546	2,419	22,400	
1945			100		100	2,320	21,000	
1946			402		402	2,427	20,300	
1947			1,020	162	863	2,689	19,700	
1948			269	123	450	3,158	21,400	
1949			222	122	497	3,239	22,200	
1950			329	207	631	3,211	21,700	
1951			386	145	562	3,416	21,400	
1952			359	54.8	533	3,799	23,400	
1953			435	125	531	3,696	22,600	
1954			429	153	611	2,410	14,600	
1955			559	111	624	2,707	16,500	
1956			773	229	579	2,819	16,900	
1957			1,220	106	756	2,274	13,200	
1958			708	90.3	542	1,877	10,600	
1959			665	79.4	755	1,629	9,120	
1960			859	114	882	1,659	9,130	3,030
1961			1,370	79.8	1,178	2,084	11,400	3,360
1962			1,370	80.7	1,133	2,070	11,200	3,410
1963			1,510	63.9	1,222	1,955	10,400	3,580
1964			1,180	66.7	1,419	2,015	10,600	4,190
1965			1,290		1,590	1,917	9,920	4,480
1966			3,240		1,707	1,834	9,230	5,560
1967			1,570		1,621	2,025	9,880	5,250
1968			2,670		2,019	2,096	9,820	5,290
1969	318		2,590	68.0	2,840	2,223	9,874	7,070
1970	318		2,740	117	2,941	2,540	10,670	8,260
1971	318		3,300	171	3,447	3,480	14,010	9,360
1972	318		2,820	181	2,957	3,620	14,120	9,740
1973	272		2,790	67.6	2,994	3,790	13,910	10,900
1974	272		3,620	293	3,599	4,100	13,560	10,400
1975	272		2,410	46.3	2,812	4,870	14,750	10,800
1976	272		2,940	45.3	3,266	4,700	13,460	11,000
1977	1,130		3,150	45.4	3,901	4,390	11,810	10,300
1978	1,130		3,100	45.4	3,674	4,720	11,800	10,400
1979	1,130		2,810	22.7	3,674	6,570	14,750	11,100

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1980	1,130		2,830		3,946	13,800	27,300	11,600
1981	1,130	37	2,770		3,992	13,120	23,530	12,000
1982	1,270	445	2,170		3,130	12,920	21,820	12,300
1983	1,230	50	2,900		3,692	12,060	19,740	12,500
1984		109	2,330		2,507	10,580	16,600	12,400
1985			2,470		2,346	11,860	17,970	12,800
1986		86	2,620		2,332	12,520	18,620	13,000
1987		190	3,200		3,200	15,260	21,900	12,700
1988	1,020	610	3,300		4,315	17,460	24,060	14,900
1989	1,510	200	3,330		4,834	17,670	23,230	16,300
1990	1,970	252	3,170	2,100	3,040	15,190	18,940	16,000
1991	2,000	36	3,560	1,320	4,330	10,160	12,160	17,300
1992	2,000	115	3,750	1,810	3,930	9,030	10,490	16,500
1993	1,940	0	3,620	1,220	4,330	7,900	8,911	16,100
1994	1,630	218	4,360	1,200	4,780	7,560	8,315	14,300
1995	1,220	133	3,950	1,220	3,540	9,880	10,570	13,400
1996	1,270		4,860	2,410	3,700	12,900	13,400	14,100
1997	1,320	204	6,380	2,760	5,140	14,660	14,890	15,700
1998	1,490	291	5,960	2,720	4,950	16,450	16,450	18,600
1999	1,620	221	5,430	1,110	5,990	16,150	15,800	18,400
2000	1,470	949	4,790	1,010	5,420	14,600	13,800	19,500
2001	1,290	85	5,020	1,460	4,730	13,900	12,800	20,700
2002	1,420	25	6,190	1,580	6,520	12,700	11,500	21,000
2003	1,090	361	5,750	1,590	5,611	11,800	10,500	24,600
2004	1,130	245	5,700	1,270	5,805	13,200	11,400	24,800
2005	1,570	444	6,250	2,660	5,600	16,750	14,000	26,500
2006		467	5,640	2,020	W	19,340	15,600	25,000

<sup>1</sup>Compiled by T.D. Kelly (retired), P.A. Lyday (retired), and R.L. Virta.

Data are calculated, estimated, or reported. See notes for more information.

## Iodine Worksheet Notes

### Data Sources

The sources of data for the iodine worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey—Minerals Yearbook (MYB); Mineral Commodity Summaries (MCS) and its predecessor, Commodity Data Summaries (CDS); and Mineral Facts and Problems (MFP). The years of publication and corresponding years of data coverage are listed in the References section below. Blank cells in the worksheet indicate that data either were not available or were withheld from publication because they are proprietary.

### Production

Production is given for three time periods (1932–37, 1969–83, and 1988–2006). Data for the first and last time periods were from the salient statistics table and/or a production table in the MYB. Data from 1969–83 were from the MFP. Production data for other time periods were withheld because the data were proprietary.

### Government Shipments

Shipment data are only available from 1981–2006. These data were from the salient statistics table in the MCS. Shipments were not available for other years.

### Imports

All import data were from the salient statistics or imports for domestic consumption tables in the MYB.

### Exports

Exports are not reported for the time periods 1928–46, 1965–68, and 1980–89. Data for all other years were from the salient statistics and export tables, and in a few instances, the text (for the earlier years) in the MYB except for the years 1969–79, where the data were from the MFP.

### Apparent Consumption

For the years, 1928–47 and 1969–74, apparent consumption was calculated by the formula:

$$\text{APPARENT CONSUMPTION} = \text{PRODUCTION} + \text{IMPORTS} - \text{EXPORTS}.$$

However, in some cases data are only available for imports, meaning that apparent consumption was estimated using only this information. For the years 1948–68 and 1984–86, reported consumption, from the MCS, was used due to the lack of production data. For the years 1975–83 and 1987–2006, the apparent consumption data as reported in the salient statistics or a consumption table in the MYB were used.

### Unit Value (\$/t)

Data for this column come from a variety of sources. The unit value for the years 1928–69 was calculated using imports and import value (in the MYB). For the years 1970–76, unit value was from table 1 in the 1990 MYB. For the years 1977–2006, the unit value was from the prices section of the MYB. Unit values for the years 1970–2006 are average c.i.f. import values.

### Unit Value (98\$/t)

The Consumer Price Index conversion factor, with 1998 as the base year, is used to adjust unit value in current U.S. dollars to the unit value in constant 1998 U.S. dollars.

### World Production

World production data for the years 1960–75, are reported in the world mine production table of the CDS. Data for the years 1976–2006, are reported in the world production table of the MYB. Excludes production in the United States in 2006.

### References

- U.S. Bureau of Mines, 1933–96, Minerals Yearbook, 1932–94.
- U.S. Bureau of Mines, 1962–77, Commodity Data Summaries, 1962–77.
- U.S. Bureau of Mines, 1978–95, Mineral Commodity Summaries, 1978–95.
- U.S. Bureau of Mines, 1980, Mineral Facts and Problems, 1980 ed.: U.S. Bureau of Mines Bulletin 671.
- U.S. Bureau of Mines, 1985, Mineral Facts and Problems, 1985 ed.: U.S. Bureau of Mines Bulletin 675.
- U.S. Geological Survey, 1997–2007, Mineral Commodity Summaries, 1997–2007.
- U.S. Geological Survey, 1997–2007, Minerals Yearbook, v. I, 1995–2006.
- U.S. Geological Survey and U.S. Bureau of Mines, 1996, Mineral Commodity Summaries, 1996.

**Recommended Citation Format:**

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].)

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