

SALT STATISTICS¹
U.S. GEOLOGICAL SURVEY
 [All values are in metric tons (t) salt unless otherwise noted]
 Last modification: October 15, 2008

Year	Production	Imports	Exports	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1900	2,650,000	181,000	7,000	2,560,000	2.62	51.00	12,200,000
1901	2,610,000	183,000	9,000	2,530,000	2.54	50.00	12,300,000
1902	3,030,000	168,000	5,000	2,900,000	1.87	35.00	12,600,000
1903	2,410,000	149,000	12,000	2,310,000	2.19	40.00	12,400,000
1904	2,800,000	151,000	13,000	2,660,000	2.15	39.00	13,200,000
1905	3,300,000	146,000	31,000	3,100,000	1.85	33.00	13,700,000
1906	3,580,000	158,000	31,000	3,360,000	1.86	34.00	13,900,000
1907	3,770,000	135,000	28,000	3,520,000	2.02	35.00	
1908	3,660,000	145,000	24,000	3,430,000	2.06	37.00	
1909	3,820,000	136,000	36,000	3,560,000	2.18	39.00	
1910	3,850,000	124,000	44,000	3,560,000	2.05	36.00	
1911	3,960,000	129,000	44,000	3,670,000	2.11	37.00	
1912	4,230,000	127,000	57,000	3,900,000	2.23	38.00	
1913	4,370,000	140,000	64,000	4,030,000	2.31	38.00	17,600,000
1914	4,420,000	119,000	75,000	4,050,000	2.30	37.30	16,900,000
1915	4,860,000	111,000	73,000	4,440,000	2.41	38.70	15,300,000
1916	5,770,000	111,000	76,000	5,270,000	2.36	35.20	17,100,000
1917	6,330,000	59,000	103,000	5,700,000	3.15	40.10	17,600,000
1918	6,570,000	37,000	124,000	5,880,000	4.10	44.40	17,800,000
1919	6,240,000	54,000	108,000	5,620,000	4.33	40.80	19,800,000
1920	6,210,000	125,000	126,000	5,630,000	4.82	39.20	21,900,000
1921	4,520,000	84,000	99,000	4,090,000	5.43	49.50	17,600,000
1922	6,160,000	103,000	122,000	5,570,000	4.45	43.30	23,400,000
1923	6,470,000	81,000	114,000	5,840,000	4.30	41.10	23,300,000
1924	6,170,000	81,000	131,000	5,550,000	4.17	39.80	23,700,000
1925	6,710,000	78,000	141,000	6,030,000	3.90	36.30	25,000,000
1926	6,690,000	51,000	144,000	5,980,000	3.75	34.60	26,200,000
1927	6,870,000	41,000	140,000	6,140,000	3.62	34.00	26,100,000
1928	7,330,000	39,000	132,000	6,560,000	3.66	34.80	27,100,000
1929	7,750,000	33,000	99,000	6,970,000	3.53	33.60	25,700,000
1930	7,310,000	49,000	64,000	6,620,000	3.43	33.50	28,100,000
1931	6,680,000	30,000	90,000	6,000,000	3.23	34.60	24,400,000
1932	5,810,000	25,000	58,000	5,240,000	3.43	40.90	26,200,000
1933	6,900,000	27,000	95,000	6,200,000	3.23	40.60	28,500,000
1934	6,910,000	48,000	96,000	6,220,000	3.31	40.30	30,200,000
1935	7,190,000	46,000	102,000	7,140,000	3.03	36.00	30,700,000
1936	8,010,000	46,000	70,000	7,990,000	2.91	34.20	31,800,000
1937	8,380,000	42,000	64,000	8,360,000	2.88	32.70	30,200,000
1938	7,280,000	36,000	61,000	7,260,000	3.20	37.00	27,900,000
1939	8,420,000	42,000	113,000	8,350,000	2.91	34.20	32,000,000
1940	9,400,000	28,000	133,000	9,290,000	2.82	32.80	33,200,000
1941	11,500,000	14,000	112,000	11,400,000	3.00	33.20	36,700,000
1942	12,400,000	7,000	107,000	12,300,000	3.08	30.80	38,600,000
1943	13,800,000	1,000	132,000	13,700,000	3.01	28.40	41,200,000
1944	14,300,000	5,000	180,000	14,100,000	3.06	28.40	40,400,000
1945	14,000,000	4,000	173,000	13,800,000	3.14	28.40	36,000,000
1946	13,700,000	4,000	203,000	13,500,000	3.27	27.30	38,300,000
1947	14,600,000	2,000	171,000	14,300,000	3.58	26.10	40,500,000
1948	14,900,000	5,000	352,000	14,500,000	3.65	24.70	44,000,000
1949	14,100,000	6,000	326,000	13,800,000	3.79	25.90	43,000,000
1950	15,100,000	7,000	173,000	14,900,000	3.97	26.90	48,100,000
1951	18,300,000	4,000	398,000	17,900,000	3.80	23.90	55,900,000

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1952	17,700,000	6,000	317,000	17,400,000	4.00	24.60	54,200,000
1953	18,900,000	125,000	226,000	18,800,000	4.16	25.40	59,300,000
1954	18,700,000	146,000	350,000	18,500,000	5.63	34.10	60,500,000
1955	20,600,000	168,000	369,000	20,400,000	5.99	36.50	65,000,000
1956	22,000,000	334,000	305,000	22,000,000	6.19	37.10	68,200,000
1957	21,600,000	590,000	354,000	21,900,000	6.89	39.90	71,900,000
1958	19,900,000	554,000	329,000	20,100,000	7.12	40.20	74,800,000
1959	22,800,000	930,000	385,000	23,400,000	6.83	38.20	79,700,000
1960	23,100,000	959,000	381,000	23,700,000	6.98	38.40	84,800,000
1961	23,300,000	953,000	582,000	23,700,000	6.87	37.40	85,000,000
1962	26,100,000	1,250,000	609,000	26,800,000	6.69	36.10	91,500,000
1963	27,800,000	1,380,000	709,000	28,500,000	6.64	35.40	96,100,000
1964	28,700,000	2,050,000	539,000	30,200,000	7.00	36.80	98,600,000
1965	31,500,000	2,190,000	624,000	33,000,000	6.86	35.50	109,000,000
1966	33,100,000	2,250,000	601,000	34,700,000	6.96	35.00	111,000,000
1967	35,300,000	2,580,000	615,000	37,300,000	7.11	34.70	119,000,000
1968	37,400,000	3,140,000	660,000	39,900,000	7.28	34.10	126,000,000
1969	40,100,000	3,000,000	650,000	42,500,000	7.17	31.90	137,000,000
1970	41,600,000	3,210,000	384,000	44,500,000	7.32	30.70	146,000,000
1971	40,000,000	3,500,000	608,000	42,900,000	7.59	30.60	144,000,000
1972	40,800,000	3,140,000	788,000	43,200,000	7.26	28.30	146,000,000
1973	39,800,000	2,910,000	552,000	42,200,000	7.68	28.20	155,000,000
1974	42,200,000	3,050,000	473,000	44,800,000	8.54	28.20	166,000,000
1975	37,200,000	2,920,000	1,210,000	38,900,000	9.89	30.00	162,000,000
1976	40,100,000	3,950,000	914,000	43,100,000	10.80	30.80	161,000,000
1977	39,400,000	4,110,000	914,000	42,600,000	11.50	30.80	157,000,000
1978	38,900,000	4,880,000	704,000	43,100,000	12.80	32.10	168,000,000
1979	41,500,000	4,790,000	632,000	45,700,000	13.00	29.10	173,000,000
1980	36,600,000	4,780,000	754,000	40,600,000	17.90	35.50	169,000,000
1981	35,300,000	3,920,000	949,000	38,300,000	18.10	32.40	171,000,000
1982	34,400,000	4,950,000	908,000	38,400,000	19.50	33.00	164,000,000
1983	31,400,000	5,440,000	469,000	36,300,000	19.00	31.20	159,000,000
1984	35,600,000	6,850,000	744,000	41,700,000	19.00	29.80	173,000,000
1985	36,300,000	5,630,000	820,000	41,200,000	20.40	30.80	173,000,000
1986	33,300,000	6,050,000	1,060,000	38,300,000	20.00	29.80	175,000,000
1987	33,100,000	5,190,000	491,000	37,800,000	20.70	29.70	179,000,000
1988	35,300,000	4,970,000	802,000	39,500,000	19.80	27.30	186,000,000
1989	35,300,000	5,520,000	1,420,000	39,300,000	22.00	29.00	192,000,000
1990	36,900,000	5,970,000	2,270,000	40,600,000	22.40	27.90	183,000,000
1991	35,900,000	6,190,000	1,780,000	40,300,000	22.30	26.70	202,000,000
1992	34,800,000	5,390,000	992,000	39,200,000	23.10	26.80	185,000,000
1993	38,200,000	5,870,000	688,000	43,400,000	23.70	26.70	187,000,000
1994	39,700,000	9,630,000	742,000	48,600,000	24.90	27.40	191,000,000
1995	40,800,000	7,090,000	670,000	47,200,000	24.50	26.20	199,000,000
1996	42,900,000	10,600,000	869,000	52,600,000	24.70	25.70	204,000,000
1997	40,600,000	9,160,000	748,000	49,000,000	24.50	24.80	221,000,000
1998	40,800,000	8,770,000	731,000	48,800,000	24.20	24.20	200,000,000
1999	44,400,000	8,870,000	892,000	52,400,000	25.00	24.50	210,000,000
2000	43,300,000	8,960,000	642,000	51,600,000	24.00	22.70	195,000,000
2001	42,200,000	12,900,000	1,120,000	54,000,000	26.30	24.20	199,000,000
2002	37,700,000	8,160,000	689,000	45,100,000	26.80	24.30	214,000,000
2003	41,100,000	12,900,000	718,000	53,200,000	27.50	24.40	225,000,000

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2004	45,000,000	11,900,000	1,110,000	55,800,000	28.20	24.40	236,000,000
2005	45,000,000	12,100,000	879,000	56,200,000	29.16	24.30	250,000,000
2006	40,600,000	9,490,000	973,000	49,100,000	32.20	26.03	262,000,000
2007	45,400,000	8,640,000	833,000	53,200,000	33.40	26.26	257,000,000

¹Compiled by K.E. Porter (retired) and D.S. Kostick.

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

Salt Worksheet Notes

Data Sources

The sources of data for the salt worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey—Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR), and Mineral Commodity Summaries (MCS) and its predecessor, Commodity Data Summaries (CDS). Import and export data were collected by the U.S. Census Bureau and reported in the MR and the MYB. 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 were not available.

Production

Total mine production data were reported in the MYB starting in 1970 and detailed production data by product category for the years 1981 to the most recent. The “Sold or used by producers” data category from the MCS and the CDS for the years 1955 to the most recent and the MYB and the MR for the years 1907 to the most recent was used as a substitute for production. The “Sold or used by producers” data category is the quantity of salt sold or used for captive purposes (i.e. brine for chloralkali manufacture). These data were reported by type and product form consisting of the following categories: brine, rock, solar, and vacuum and open pans. In addition, pressed blocks were separated out from rock, solar, and vacuum and open-pan categories because of the high unit value.

Imports

Import data were recorded from the MR and the MYB.

Exports

Export data were recorded from the MR and the MYB.

Apparent Consumption

Apparent consumption estimates were obtained from the MR and the MYB.

Unit Value (\$/t)

Unit value is the value in actual U.S. dollars of 1 metric ton (t) of salt apparent consumption. The weight-averaged value for salt was developed using the product sold or used values and quantities for the five product categories. These product categories are brine, rock, solar, vacuum, and open pan, and pressed block. All product values and quantities used in the estimation of the product price series were from the MR and the MYB for the years 1907 to the most recent.

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 were reported in the MR for the years 1900–06. The MR stopped reporting world production for the years 1907–22. The 1923 MR reported world salt production for the years 1913–23 with continued reporting in the MR and in the MYB for the years 1924 to the most recent.

References

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- U.S. Geological Survey and U.S. Bureau of Mines, 1996, Mineral Commodity Summaries, 1996.

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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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