

**IRON AND STEEL SCRAP STATISTICS<sup>1</sup>**

**U.S. GEOLOGICAL SURVEY**

[All values in metric tons (t) gross weight unless otherwise noted]

Last modification: December 5, 2012

<b>Year</b>	<b>Production</b>	<b>Imports</b>	<b>Exports</b>	<b>Stocks</b>	<b>Apparent consumption</b>	<b>Unit value (\$/t)</b>	<b>Unit value (98\$/t)</b>
1934	NA	NA	1,870,000	NA	NA	10.70	130
1935	NA	NA	2,140,000	NA	27,000,000	11.50	137
1936	NA	NA	1,970,000	NA	37,000,000	14.50	171
1937	NA	83,000	4,170,000	NA	39,000,000	17.60	200
1938	NA	24,800	3,050,000	4,670,000	22,000,000	13.20	152
1939	37,000,000	30,000	3,640,000	4,820,000	33,000,000	16.00	188
1940	43,000,000	1,990	2,870,000	4,960,000	40,000,000	18.20	212
1941	53,000,000	65,100	820,000	3,380,000	54,000,000	19.10	212
1942	57,000,000	89,700	129,000	5,730,000	55,000,000	18.90	189
1943	56,000,000	132,000	49,800	5,330,000	56,000,000	18.90	178
1944	55,000,000	119,000	86,800	4,010,000	56,000,000	18.30	169
1945	51,000,000	60,300	74,400	3,560,000	51,000,000	18.80	171
1946	45,000,000	52,300	128,000	3,080,000	45,000,000	19.80	165
1947	56,000,000	64,100	155,000	4,020,000	55,000,000	35.10	256
1948	61,000,000	436,000	192,000	5,860,000	59,000,000	40.90	276
1949	47,000,000	1,040,000	271,000	5,120,000	49,000,000	27.10	186
1950	62,000,000	712,000	197,000	4,920,000	63,000,000	34.80	235
1951	69,000,000	378,000	214,000	3,960,000	70,000,000	42.50	266
1952	65,000,000	139,000	319,000	6,260,000	63,000,000	41.20	253
1953	70,000,000	158,000	281,000	6,490,000	70,000,000	39.30	240
1954	57,000,000	217,000	1,520,000	6,670,000	56,000,000	28.30	172
1955	74,000,000	207,000	4,650,000	6,540,000	74,000,000	39.10	238
1956	77,000,000	232,000	5,750,000	6,730,000	73,000,000	52.60	315
1957	68,000,000	216,000	6,140,000	8,120,000	67,000,000	46.40	270
1958	52,000,000	302,000	2,660,000	8,700,000	51,000,000	37.20	210
1959	60,000,000	281,000	4,480,000	9,070,000	60,000,000	37.10	207
1960	60,000,000	163,000	7,290,000	8,430,000	60,000,000	32.70	180
1961	58,000,000	243,000	8,810,000	8,000,000	58,000,000	35.80	196
1962	60,000,000	191,000	4,640,000	7,690,000	60,000,000	27.90	151
1963	67,000,000	197,000	5,770,000	7,210,000	68,000,000	26.50	141
1964	76,000,000	256,000	7,170,000	6,740,000	77,000,000	35.90	189
1965	83,000,000	192,000	5,670,000	6,930,000	82,000,000	33.70	175
1966	84,000,000	369,000	5,240,000	7,430,000	83,000,000	30.20	152
1967	84,000,000	208,000	6,810,000	7,070,000	77,000,000	27.20	133
1968	85,000,000	267,000	5,960,000	7,150,000	79,000,000	25.50	119
1969	91,000,000	304,000	8,200,000	5,940,000	86,000,000	30.10	134
1970	84,000,000	273,000	9,170,000	6,960,000	78,000,000	44.20	186
1971	81,000,000	257,000	5,520,000	7,710,000	75,000,000	33.90	136
1972	91,000,000	283,000	6,510,000	7,410,000	85,000,000	36.10	141
1973	103,000,000	317,000	9,860,000	6,430,000	94,000,000	56.80	209
1974	105,000,000	182,000	7,710,000	7,630,000	96,000,000	106	350
1975	84,000,000	277,000	8,570,000	7,950,000	75,000,000	71.40	216
1976	90,000,000	460,000	7,150,000	9,060,000	82,000,000	76.70	220
1977	89,000,000	557,000	5,310,000	8,490,000	84,000,000	63.10	170
1978	93,000,000	720,000	8,200,000	7,510,000	90,000,000	75.90	190
1979	99,000,000	689,000	10,000,000	7,910,000	90,000,000	97.40	219
1980	85,000,000	528,000	10,100,000	7,270,000	76,000,000	91.40	181
1981	83,000,000	504,000	5,820,000	7,360,000	77,000,000	91.90	165
1982	56,000,000	425,000	6,170,000	5,820,000	51,000,000	62.70	106
1983	62,000,000	582,000	6,820,000	5,270,000	56,000,000	71.80	118
1984	67,000,000	523,000	8,620,000	4,770,000	60,000,000	86.50	136

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<b>Year</b>	<b>Production</b>	<b>Imports</b>	<b>Exports</b>	<b>Stocks</b>	<b>Apparent consumption</b>	<b>Unit value (\$/t)</b>	<b>Unit value (98\$/t)</b>
1985	71,000,000	554,000	9,030,000	4,630,000	64,000,000	68.90	104
1986	69,000,000	657,000	10,600,000	3,940,000	60,000,000	73.00	109
1987	72,000,000	765,000	9,410,000	4,390,000	62,000,000	84.40	121
1988	79,000,000	942,000	9,160,000	4,130,000	70,000,000	107	147
1989	75,000,000	1,020,000	11,100,000	4,290,000	68,000,000	106	139
1990	80,000,000	1,320,000	11,600,000	4,300,000	69,000,000	106	132
1991	69,000,000	1,070,000	9,500,000	4,100,000	62,000,000	91.80	110
1992	71,000,000	1,320,000	9,260,000	3,800,000	63,000,000	84.70	98
1993	76,000,000	1,390,000	9,810,000	3,700,000	68,000,000	112	126
1994	78,000,000	1,740,000	8,810,000	4,100,000	70,000,000	127	140
1995	79,000,000	2,090,000	10,400,000	4,200,000	72,000,000	135	144
1996	77,000,000	2,600,000	8,440,000	5,200,000	71,000,000	131	136
1997	79,000,000	2,870,000	8,930,000	5,500,000	73,000,000	131	133
1998	76,000,000	3,060,000	5,570,000	5,300,000	73,000,000	108	108
1999	72,000,000	3,330,000	5,000,000	5,450,000	70,800,000	94	92
2000	76,000,000	3,040,000	5,230,000	5,320,000	74,600,000	96	91
2001	73,000,000	2,630,000	7,440,000	4,910,000	70,100,000	75	69
2002	73,000,000	3,130,000	8,950,000	4,930,000	69,500,000	88	79
2003	73,000,000	3,480,000	10,800,000	4,410,000	65,000,000	119	105
2004	73,000,000	4,660,000	11,800,000	5,400,000	66,500,000	205	177
2005	73,000,000	3,840,000	13,000,000	4,970,000	65,600,000	189	158
2006	71,000,000	4,820,000	14,900,000	4,210,000	64,600,000	214	173
2007	77,000,000	3,700,000	16,500,000	4,140,000	64,000,000	249	196
2008	84,000,000	3,600,000	21,500,000	4,340,000	67,600,000	349	264
2009	80,000,000	2,990,000	22,400,000	3,070,000	53,500,000	208	155
2010	76,000,000	3,780,000	20,500,000	3,330,000	50,700,000	319	238
2011	197,000,000	4,010,000	24,300,000	5,970,000	177,000,000	392	284

NA Not available.

<sup>1</sup>Compiled by T.D. Kelly (retired) and M.D. Fenton.

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

## Iron and Steel Scrap Worksheet Notes

### Data Sources

The sources of data for the iron and steel scrap 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 Metal Prices in the United States through 1998 (MP98). The years of publication and corresponding years of data coverage are listed in the References section below.

### Production

For 1939–54, the production was calculated with the formula:

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

For 1955 to the most recent year, production is the sum of home scrap and purchased scrap from the MCS and CDS.

### Imports

Imports of iron and steel scrap into the United States are reported for 1936 to the most recent year in the MYB. Data were not available for 1934–36.

### Exports

Exports of iron and steel scrap from the United States are reported for 1934 to the most recent year in the MYB.

### Stocks

Stocks of iron and steel scrap in the United States are reported for 1938 to the most recent year in the MYB, some data may reflect unpublished revisions made by the USGS iron and steel scrap commodity specialist. Data were not available for 1934–37.

### Apparent Consumption

U.S. apparent consumption of iron and steel scrap is reported for 1935 to the most recent year in the MYB, some data may reflect unpublished revisions made by the USGS iron and steel scrap commodity specialist. Data were not available for 1934.

### Unit Value (\$/t)

Unit value is the value in dollars of 1 metric ton (t) of apparent consumption. Unit value for iron and steel scrap is estimated from a price series in MP98 for heavy melt scrap for 1934–98. For 1999 to the most recent year, the composite price for Number 1 Heavy Melting steel is from the MYB.

### 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.

### References

- 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, 1933–96, Minerals Yearbook, 1932–94.
- U.S. Geological Survey, 1995–present, Minerals Yearbook, v. I. (Available via <http://minerals.usgs.gov/minerals/>.)
- U.S. Geological Survey, 1997–most recent, Mineral Commodity Summaries 1997–most recent. (Available via <http://minerals.usgs.gov/minerals/>.)
- U.S. Geological Survey, 1999, Metal Prices in the United States through 1998.

### 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, accessed [date], at <http://pubs.usgs.gov/ds/2005/140/>.

### For more information, please contact:

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