

SILVER STATISTICS¹
U.S. GEOLOGICAL SURVEY

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

Last modification: November 10, 2008

Year	Mine production	Primary production	Secondary production	Shipments	Imports	Exports	Stocks	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1900	1,790	1,790						420	20,000	390,000	5,400
1901	1,720	1,720	38					402	19,000	380,000	5,380
1902	1,730	1,730	87					515	17,000	320,000	5,060
1903	1,690	1,690	122					499	17,000	320,000	5,220
1904	1,740	1,790	83					554	19,000	340,000	5,110
1905	1,750	1,740	137					601	20,000	360,000	5,360
1906	1,780	1,760	122					558	22,000	390,000	5,130
1907	1,630	1,760	72					686	21,000	370,000	5,730
1908	1,580	1,630	112		1,380	1,610		630	17,000	310,000	6,320
1909	1,780	1,700	216		1,440	1,790		652	17,000	300,000	6,600
1910	1,790	1,780	50		1,430	1,780		721	17,000	300,000	6,900
1911	1,900	1,880	178		1,360	2,040		818	17,000	300,000	7,040
1912	2,050	1,980	227		1,510	2,240		704	20,000	340,000	6,980
1913	2,210	2,080	245					719	19,600	323,000	7,010
1914	2,170	2,250	210		807	1,610		701	18,000	294,000	5,240
1915	2,250	2,330	218		1,070	1,670		714	16,400	264,000	5,730
1916	2,450	2,310	308		1,000	2,200		691	21,500	322,000	5,250
1917	2,200	2,230	343		1,660	2,620		498	27,000	344,000	5,420
1918	2,120	2,110	296		2,220	7,860		831	31,500	340,000	6,140
1919	1,610	1,760	201		2,780	7,430		816	36,000	340,000	5,490
1920	1,760	1,720	270		2,740	3,530		600	32,800	267,000	5,390
1921	1,440	1,650	218		1,970	1,600		897	20,300	184,000	5,330
1922	1,900	1,750	206		2,200	1,950		973	21,900	212,000	6,530
1923	2,190	2,280	263		2,320	2,250		882	20,900	199,000	7,650
1924	1,990	2,030	278		2,300	3,420		767	21,500	205,000	7,450
1925	2,070	2,060	308		2,910	4,270		931	22,200	207,000	7,650
1926	1,940	1,950	311		3,480	4,440		915	19,900	183,000	7,890
1927	1,850	1,880	316		2,980	4,130		917	18,300	171,000	7,900
1928	1,800	1,820	330		3,570	4,540		775	18,600	178,000	8,020
1929	1,890	1,910	354		3,390	4,480		964	17,000	162,000	8,120
1930	1,480	1,470	295		3,120	4,170		836	12,200	120,000	7,740
1931	929	962	291		3,070	2,840		757	9,320	99,900	6,080
1932	712	746	305		1,110	1,300		450	9,000	107,000	5,130
1933	725	715	576		4,460	1,360		336	11,300	141,000	5,340
1934	1,030	1,020	877		4,470	655		357	15,400	188,000	5,990
1935	1,520	1,430	1,120		14,700	156		165	20,600	245,000	6,890
1936	1,920	1,980	520		6,910	86		595	14,500	170,000	7,920

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1937	2,240	2,240	733		3,340	66		862	14,500	164,000	8,640
1938	1,960	1,950	574		5,980	57		628	13,800	160,000	8,320
1939	2,040	2,030	777		4,350	663		1,390	12,500	147,000	8,300
1940	2,230	2,160	702		3,280	297		1,380	11,300	131,000	8,570
1941	2,090	2,250	633		2,600	263		2,250	11,300	125,000	8,140
1942	1,680	1,740	934		3,310	160		3,150	12,200	122,000	7,780
1943	1,290	1,270	1,370		687	1,070		3,670	14,500	136,000	6,380
1944	1,070	1,110	1,750		421	6,720		3,740	14,500	134,000	5,740
1945	903	904	1,820		604	4,190		3,930	16,700	152,000	5,040
1946	713	656	1,140		1,120	1,170		2,710	25,700	214,000	3,970
1947	1,110	1,200	867		1,700	916		3,060	23,100	169,000	5,220
1948	1,180	1,220	743		1,550	40		3,270	23,800	161,000	5,440
1949	1,080	1,090	705		1,980	94		2,740	23,100	159,000	5,570
1950	1,320	1,320	1,410		2,310	143		3,420	23,800	161,000	6,320
1951	1,240	1,240	1,450		1,620	199		3,270	28,600	179,000	6,210
1952	1,230	1,240	779		1,390	62		3,000	27,300	168,000	6,700
1953	1,170	1,170	603		1,360	32		3,300	27,300	167,000	6,900
1954	1,150	1,110	579		1,300	52		2,680	27,300	166,000	6,670
1955	1,160	1,130	687		898	150		3,150	28,600	174,000	7,000
1956	1,200	1,200	933		3,100	107		3,110	29,300	175,000	7,020
1957	1,190	1,200	1,190		3,300	278		2,970	29,300	170,000	7,190
1958	1,060	1,140	1,120		974	34		2,660	28,600	162,000	7,430
1959	970	715	1,310		912	282		3,140	29,300	163,000	6,910
1960	957	1,140	700		537	818		3,170	29,300	161,000	7,320
1961	1,080	1,090	902		488	1,220		3,280	29,600	162,000	7,370
1962	1,140	1,130	124		1,220	382		3,430	35,000	189,000	7,650
1963	1,100	1,090	199		541	939		3,420	41,200	219,000	7,780
1964	1,130	1,150	417		265	3,320		3,830	41,500	218,000	7,730
1965	1,240	1,210	221		214	1,220		4,260	41,500	215,000	8,010
1966	1,360	2,470	1,140		841	2,650		5,710	41,500	208,000	8,300
1967	1,010	1,680	1,040		929	2,130	1,617	5,320	49,800	243,000	8,030
1968	1,020	2,280	1,790		1,300	3,190	2,401	4,520	68,800	323,000	8,560
1969	1,300	2,600	2,480		1,230	1,800	2,666	4,400	57,550	255,900	9,200
1970	1,400	2,530	1,740	2,190	920	536	2,547	3,990	56,910	238,900	9,360
1971	1,290	2,140	935	3	696	264	1,748	4,020	49,830	200,600	9,170
1972	1,160	2,410	967	0	799	830	1,620	4,700	54,010	210,500	9,380
1973	1,170	2,340	1,070	0	2,530	255	1,194	6,670	82,310	301,900	9,700

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1974	1,050	1,970	1,740	0	2,800	177	1,533	4,900	151,400	500,600	9,260
1975	1,090	1,870	1,590	0	1,920	704	1,076	4,990	142,100	430,500	9,430
1976	1,070	1,690	1,560	0	2,090	236	952	5,350	139,900	400,500	9,840
1977	1,190	1,400	1,490	0	2,160	280	1,107	4,780	148,500	399,600	10,300
1978	1,230	1,690	1,150	0	1,910	311	922	4,980	173,600	433,800	10,700
1979	1,180	1,580	1,240	0	2,440	508	498	4,900	356,600	800,900	10,800
1980	1,010	1,220	1,650	0	2,020	1,780	537	3,880	663,300	1,312,000	10,700
1981	1,270	1,460	1,220	62	2,360	471	649	3,630	338,200	606,200	11,200
1982	1,250	1,510	933	0	3,010	400	637	3,750	255,600	431,700	11,500
1983	1,350	1,800	915	0	5,010	425	543	3,690	367,800	601,900	12,100
1984	1,390	1,850	866	0	2,910	322	660	5,300	261,700	410,800	13,100
1985	1,230	1,670	866	0	4,240	392	574	6,390	197,400	299,200	13,100
1986	1,070	1,320	762	317	3,900	314	550	5,670	175,900	261,500	13,000
1987	1,240	1,420	810	442	2,110	350	471	3,990	225,400	323,300	14,000
1988	1,660	1,470	852	207	2,260	444	480	4,140	209,900	289,300	15,500
1989	2,010	1,720	714	337	3,060	430	544	5,060	176,800	232,500	16,400
1990	2,120	1,940	454	107	2,700	736	583	4,360	155,000	193,300	16,600
1991	1,860	1,880	215	255	2,530	787	618	3,830	129,900	155,400	15,600
1992	1,800	2,160	145	356	2,660	911	677	4,060	126,700	147,200	14,900
1993	1,640	1,790	162	404	2,180	705	735	3,260	138,200	156,000	14,100
1994	1,490	1,810		186	2,060	868	929	4,820	170,100	187,000	14,000
1995	1,560			220	2,630	2,810		4,880	165,600	177,100	14,900
1996	1,570			232	2,580	2,900		4,930	166,900	173,400	15,100
1997	2,180	2,200		109	2,120	2,980	395	4,980	157,200	159,700	16,500
1998	2,060	2,300		250	2,800	2,250	400	5,300	178,000	178,000	17,200
1999	1,950	2,000		277	2,660	481		5,500	169,000	165,000	17,600
2000	1,980	2,780		404	4,090	373	462	6,280	161,000	152,000	18,100
2001	1,740	2,640			3,340	783	360	6,780	140,000	129,000	18,900
2002	1,350	2,580			4,300	680	280	7,300	148,000	134,000	18,800
2003	1,240	2,580			4,510	181	93	8,000	157,000	139,000	18,800
2004	1,250	1,140			4,100	422	131	6,700	207,000	178,000	19,900
2005	1,230	2,530			4,540	319	170	7,560	236,000	197,000	20,600
2006	1,140	3,150			4,820	1,670	75	7,550	373,000	302,000	20,200
2007	1,260	4,110			4,980	780	220	6,880	550,000	433,000	20,800

¹Compiled by K.E. Porter (retired), H.E. Hilliard (retired), and W.E. Brooks.
Data are calculated, estimated, or reported. See notes for more information.

Silver Worksheet Notes

Data Sources

The sources of data for the silver 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). Metal price data were from 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. Blank cells in the worksheet indicate data were not available.

Mine Production

Mine production data for the years 1900 to the most recent represent the recoverable silver content of precious-metal ores that were extracted from domestic mines. Data were recorded from the MR and the MYB.

Primary Production

Primary production data for the years 1900 to the most recent represent the quantity of silver that were recovered from ores, concentrates, dorés, and precipitates from both domestic and foreign sources in domestic refineries. Data for primary silver production for 1995 and 1996 are not available owing to lack of reporting by industry. Data were recorded from the MR and the MYB.

Secondary Production

Secondary silver production data for the years 1901–93 represent the silver recovered from old silver scrap and waste at domestic refineries, data recorded from the MR and the MYB. Secondary production from old scrap has not been reported separately from new scrap since 1993.

Shipments

Shipment data for the years 1970–97 represent the silver content of various silver materials that were shipped from Government stockpiles to domestic recipients. Data were recorded from the CDS and the MCS.

Imports

Import data for the years 1908 to the most recent represent the recoverable silver content in imported silver bullion. Data were recorded from the MR and the MYB.

Exports

Export data for the years 1908 to the most recent represent the recoverable silver content in exported silver bullion. Data were recorded from the MR and the MYB.

Stocks

Stock data for the years 1967 to the most recent represent the silver content of various silver materials that were stockpiled at industrial facilities consisting of producers, consumers, and dealers. Stock data were recorded from the MYB. Industry stock data were not available prior to 1967. Blank fields indicate data were not available.

Apparent Consumption

Apparent consumption data represent the total quantity of silver that was consumed for industrial, art, and coinage purposes. Apparent consumption data for the year 1900 was estimated by linear extrapolation back from the series for the years 1901–10. Apparent consumption data for the years 1995–96 were interpolated from the apparent consumption data series. Apparent consumption data for the years 1901–94 and 1997 to the most recent were recorded from the MR and the MYB.

Unit Value (\$/t)

Unit value is defined as the value of 1 metric ton (t) of silver apparent consumption. Unit value data for the years 1900–98 were recorded from the MP98. Unit value data for the years 1999 to the most recent were recorded from the MYB. Unit value data for the years 1900 to the most recent represent the average value per metric ton of silver of a minimum purity of 99.9 percent.

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 1900 to the most recent represent the recoverable silver content of precious-metal ores that were extracted from mines throughout the world. World production data were recorded from the MR and the MYB.

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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].)

For more information, please contact:

[USGS Silver Commodity Specialist](#)