

# Mineral Industry Surveys

**For information, contact:**

William E. Brooks, Silver Commodity Specialist  
U.S. Geological Survey  
989 National Center  
Reston, VA 20192  
Telephone: (703) 648-7791, Fax: (703) 648-7757  
E-mail: [wbrooks@usgs.gov](mailto:wbrooks@usgs.gov)

Monica D. Zeigler (Data)  
Telephone: (703) 648-7981  
Fax: (703) 648-7975  
E-mail: [mzeigler@usgs.gov](mailto:mzeigler@usgs.gov)

**Internet:** <http://minerals.usgs.gov/minerals>

## SILVER IN OCTOBER, NOVEMBER, AND DECEMBER 2008

U.S. mines produced 105,000 kilograms (kg), 100,000 kg, and 109,000 kg of silver in October, November, and December, respectively, according to the U.S. Geological Survey. In 2008, domestic mines produced 1,230,000 kg, slightly less than production in 2007. In the fourth quarter 2008, mines produced 5% more than that in the first quarter, slightly more than that in the second quarter of 2008, and slightly more than that in the third quarter of 2008. Daily production rates were 3,370 kg, 3,340 kg, and 3,520 kg in October, November, and December, respectively.

The average Englehard Industries' silver price for the fourth quarter of 2008 was 41% lower than the average silver price for the first half of 2008. For the fourth quarter of 2008, the price peaked at \$12.56 per troy ounce on October 1. The average price of silver in the fourth quarter of 2008 was 28% less than the average price in the fourth quarter of 2007.

Hecla Mining Co. (Coeur d'Alene, ID) increased silver production by 54% in 2008, to 270,600 kg and announced that fourth quarter production was more than double production in the fourth quarter of 2007 (Hecla Mining Co., 2009).

U.S. Silver Corp. (Toronto, Ontario, Canada) announced cost saving measures that included a 10% salary reduction for salaried personnel, a reduction in wages for the hourly

workforce, and suspension of repair work on the Galena shaft. However, December 2008 production at the Galena Mine exceeded any previous monthly production by 30%. This was because management emphasized a greater focus on production because of declining silver prices, some expenditures were curtailed, and the second circuit in the Galena mill was activated (U.S. Silver Corp., 2009).

Revett Minerals Inc. (Spokane Valley, WA) indicated that for 2008, its Troy Mine produced a record high of 36,700 kg of silver compared with production of 32,800 kg of silver in 2007. In 2008, 3,300 metric tons of ore were milled per day (t/d) compared with 3,800 t/d in 2007 (Revett Minerals Inc., 2009).

## References Cited

- Hecla Mining Co., 2009, Hecla reports 4th quarter and full-year 2008 results; increases silver production 54%; increases silver reserves and resources to 325 million ounces: Coeur d'Alene, ID, Hecla Mining Co. news release, February 23, 12 p.
- Revett Minerals Inc., 2009, Revett Minerals reports on 2008 financial and operating results: Spokane Valley, WA, Revett Minerals Inc. news release, March 31, 5 p.
- U.S. Silver Corp., 2009, U.S. Silver reports cost saving measures & director resignation: Toronto, Ontario, Canada, U.S. Silver Corp. news release, January 16, 2 p.

TABLE 1  
MINE PRODUCTION OF RECOVERABLE SILVER  
IN THE UNITED STATES<sup>l</sup>

	Kilograms
<u>2007:<sup>p</sup></u>	
October	98,600
November	94,500
December	110,000
January-December	<u>1,260,000</u>
<u>2008:</u>	
January	101,000
February	94,000
March	103,000
April	101,000
May	96,800
June	109,000
July	108,000
August	102,000
September	104,000
October	105,000
November	100,000
December	109,000
January-October	1,020,000
January-November	1,120,000
January-December	1,230,000

<sup>p</sup>Preliminary.

<sup>l</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

TABLE 2  
SILVER PRICES

(Dollars per troy ounce)

Engelhard Industries:	
2007:	
Low/date	11.68 Aug. 21
High/date	15.71 Nov. 8
Average	14.69
2008:	
September:	
Low/date	10.55/11
High/date	13.57/24
Average	12.32
October:	
Low/date	9.01/28
High/date	12.56/1
Average	10.46
November:	
Low/date	8.95/20
High/date	10.70/24
Average	9.95
December:	
Low/date	9.32/5
High/date	11.52/17
Average	10.32
Year to date:	
Low/date	8.95 Nov. 20
High/date	20.80 Mar. 13
Average	14.87
Handy and Harman:	
2007, Average	13.41
2008:	
September	12.19
October	10.48
November	9.87
December	10.24
Year to date	14.81
London Final: <sup>1</sup>	
2007, Average	13.39
2008:	
September	12.37
October	10.44
November	9.87
December	10.19
Year to date	14.62

<sup>1</sup>Reported as "London Spot/US Equiv."

Source: Platts Metals Week.

TABLE 3  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Bullion		Doré		Ores and concentrates <sup>2</sup>		Ash and residues		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2007	4,210,000	\$1,720,000	551,000	\$324,000	381	\$130	7,260	\$1,630	4,770,000	\$2,050,000
2008:										
July	312,000	180,000	30,100	36,100	--	--	626	175	343,000	216,000
August	326,000	165,000	73,600	153,000	--	--	185	79	400,000	318,000
September:										
Australia	57	37	--	--	--	--	--	--	57	37
Bolivia	--	--	4,130	1,720					4,130	1,720
Canada	78,600	30,600	--	--	--	--	--	--	78,600	30,600
Chile	7,500	3,550	7,590 <sup>3</sup>	8,650	--	--	--	--	15,100	12,200
Colombia	475	199	139	52	--	--	--	--	614	251
Costa Rica	--	--	158 <sup>3</sup>	35	--	--	--	--	158	35
Guatemala	--	--	10,800 <sup>3</sup>	16,000	--	--	--	--	10,800	16,000
Mexico	233,000	92,500	27,100	17,900	--	--	--	--	260,000	110,000
Panama	--	--	50	13	--	--	--	--	50	13
Peru	35,900	15,000	13,700 <sup>3</sup>	40,000	--	--	--	--	49,600	55,100
Taiwan	--	--	--	--	--	--	415	162	415	162
United Kingdom	144 <sup>3</sup>	27	--	--	--	--	--	--	144	27
Total	356,000	142,000	63,700	84,400	--	--	415	162	420,000	227,000
Year to date	2,910,000	1,540,000	398,000	490,000	32	31	4,110	1,040	3,310,000	2,030,000

-- Zero.

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

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 3a  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Bullion		Doré		Ores and concentrates <sup>2</sup>		Ash and residues		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2007	4,210,000	\$1,720,000	551,000	\$324,000	381	\$130	7,260	\$1,630	4,770,000	\$2,050,000
2008:										
August	326,000	165,000	73,600	153,000	--	--	185	79	400,000	318,000
September	356,000	142,000	63,700	84,400	--	--	415	162	420,000	227,000
October:										
Bolivia	--	--	11,700	4,300	--	--	--	--	11,700	4,300
Canada	57,900	19,800	--	--	--	--	--	--	57,900	19,800
Chile	8,500	3,390	7,300 <sup>3</sup>	8,770	--	--	--	--	15,800	12,200
Costa Rica	--	--	161 <sup>3</sup>	35	--	--	--	--	161	35
Italy	--	--	4 <sup>3</sup>	5	--	--	--	--	4	5
Mexico	210,000	73,700	24,400	12,100	--	--	--	--	234,000	85,800
Panama	--	--	108 <sup>3</sup>	29	--	--	--	--	108	29
Peru	63,800	23,800	28,100 <sup>3</sup>	96,800	--	--	--	--	91,900	121,000
Taiwan	--	--	--	--	--	--	172	73	172	73
Total	340,000	121,000	71,700	122,000	--	--	172	73	412,000	243,000
Year to date	3,250,000	1,660,000	469,000	612,000	32	31	4,280	1,120	3,720,000	2,270,000

-- Zero.

5

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

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 3b  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Bullion		Doré		Ores and concentrates <sup>2</sup>		Ash and residues		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2007	4,210,000	\$1,720,000	551,000	\$324,000	381	\$130	7,260	\$1,630	4,770,000	\$2,050,000
2008:										
September	356,000	142,000	63,700	84,400	--	--	415	162	420,000	227,000
October	340,000	121,000	71,700	122,000	--	--	172	73	412,000	243,000
November:										
Australia	197	76	--	--	--	--	--	--	197	76
Bolivia	--	--	12,500 <sup>3</sup>	3,810	--	--	--	--	12,500	3,810
Canada	143,000 <sup>3</sup>	44,600	85	32	--	--	--	--	143,000	44,600
Chile	6,000	2,030	--	--	--	--	--	--	6,000	2,030
Guatemala	--	--	5,030 <sup>3</sup>	9,620	--	--	--	--	5,030	9,620
Italy	-4	7	91	50	--	--	--	--	91	57
Mexico	108,000 <sup>3</sup>	34,400	22,100	13,000	--	--	--	--	130,000	47,400
Peru	63,800	20,800	10,200 <sup>3</sup>	30,500	--	--	--	--	74,000	51,400
Taiwan	--	--	--	--	--	--	155 <sup>3</sup>	49	155	49
Total	322,000	102,000	50,000	57,000	--	--	155	49	372,000	159,000
Year to date	3,570,000	1,760,000	519,000	669,000	32	31	4,440	1,170	4,100,000	2,430,000

-- Zero.

9

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

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

<sup>4</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 4  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semimanufactured forms <sup>2</sup> (gross weight)		Waste and scrap (gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2007	222,000	\$82,800	47,000	\$6,590	496	\$128	397,000	\$138,000	3,420,000	\$482,000
2008:										
July	25,300	12,800	12,400	2,200	--	--	33,300	10,900	583,000	75,600
August	23,800	7,670	3,020	314	10	5	49,100	14,700	490,000	98,300
September:										
Argentina	--	--	--	--	--	--	--	--	49	994
Australia	--	--	93 <sup>3</sup>	16	--	--	--	--	20,900	281
Brazil	--	--	--	--	--	--	651	311	275 <sup>3</sup>	408
Canada	18,100	7,720	1,240 <sup>3</sup>	58	--	--	--	--	26,900	3,600
Chile	--	--	--	--	--	--	--	--	12	237
China	--	--	800 <sup>3</sup>	57	--	--	--	--	48	3,310
Colombia	--	--	--	--	--	--	--	--	108	2,460
Costa Rica	--	--	--	--	--	--	--	--	14,300	390
Dominican Republic	--	--	--	--	--	--	--	--	447	848
Finland	--	--	--	--	--	--	--	--	10	526
France	--	--	--	--	--	--	--	--	33,600	579
Germany	--	--	3,620 <sup>3</sup>	615	--	--	642	285	130,000	25,700
Guatemala	--	--	--	--	--	--	--	--	104	1,170
Honduras	--	--	--	--	--	--	--	--	8	105
India	48	29	--	--	--	--	30	13	--	--
Italy	72	25	4	3	--	--	--	--	28	1,320
Japan	--	--	22	12	--	--	--	--	3	124
Korea, Republic of	88 <sup>3</sup>	21	--	--	--	--	--	--	30	1,590
Malaysia	--	--	--	--	--	--	--	--	28,300	373
Mali	--	--	--	--	--	--	--	--	12,500	119
Mexico	9,420	3,670	--	--	--	--	29,700 <sup>3</sup>	6,040	303,000	3,620
Peru	320 <sup>3</sup>	238	--	--	1,400 <sup>3</sup>	375	--	--	55	126
Singapore	--	--	73	12	--	--	--	--	54	852
Switzerland	--	--	--	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--	45	1,420
Thailand	--	--	--	--	--	--	--	--	17	17
United Arab Emirates	--	--	--	--	--	--	--	--	1,950	167
United Kingdom	--	--	642 <sup>3</sup>	115	--	--	--	--	15,100	2,810
Total	28,100	11,700	6,480	888	1,400	375	31,000	6,650	588,000	53,200
Year to date	177,000	68,400	46,800	6,980	10,400	4,220	317,000	108,000	3,610,000	553,000

-- Zero.

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

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

<sup>4</sup>Less than 1/2 unit.

TABLE 4a  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semimanufactured forms <sup>2</sup> (gross weight)		Waste and scrap (gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2007	222,000	\$82,800	47,000	\$6,590	496	\$128	397,000	\$138,000	3,420,000	\$482,000
2008:										
August	23,800	7,670	3,020	314	10	5	49,100	14,700	490,000	98,300
September	28,100	11,700	6,480	888	1,400	375	31,000	6,650	588,000	53,200
October:										
Argentina	--	--	--	--	--	--	--	--	55	1,200
Australia	--	--	--	--	--	--	--	--	30	550
Brazil	--	--	--	--	--	--	--	--	8,510	150
Canada	2,930 <sup>3</sup>	288	1,370 <sup>3</sup>	59	--	--	21,100	8,220	60,400	6,560
China	--	--	--	--	--	--	--	--	1,330	2,340
Colombia	--	--	--	--	--	--	--	--	2,440	109
Dominican Republic	--	--	--	--	--	--	--	--	476	760
France	--	--	--	--	--	--	--	--	16,300	645
Germany	100 <sup>3</sup>	18	3,280 <sup>3</sup>	557	--	--	93	40	150,000	13,000
Guatemala	--	--	--	--	--	--	--	--	11,100	997
Iceland	--	--	--	--	--	--	--	--	4	70
India	61	23	--	--	--	--	15	6	--	--
Israel	--	--	--	--	--	--	--	--	18	167
Italy	--	--	--	--	--	--	20	11	70	643
Japan	--	--	38 <sup>3</sup>	12	--	--	--	--	66	3,780
Korea, Republic of	208 <sup>3</sup>	48	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	111,000 <sup>3</sup>	2,310
Mexico	12,500	4,580	--	--	--	--	23,300 <sup>3</sup>	4,070	246,000	1,210
Netherlands	372 <sup>3</sup>	67	21 <sup>3</sup>	4	--	--	--	--	13,700	257
Peru	320	190	--	--	--	--	--	--	1	12
Philippines	--	--	--	--	--	--	--	--	1,030	257
Singapore	--	--	--	--	--	--	--	--	97	2,960
South Africa	--	--	--	--	--	--	--	--	7	139
Taiwan	--	--	--	--	--	--	--	--	9	467
United Kingdom	--	--	98 <sup>3</sup>	17	300 <sup>3</sup>	57	--	--	108	2,000
Other	--	--	--	--	--	--	--	--	13	206
Total	16,400	5,220	4,800	648	300	57	44,500	12,300	622,000	40,800
Year to date	193,000	73,600	51,600	7,630	10,700	4,280	361,000	121,000	4,230,000	594,000

-- Zero.

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

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

TABLE 4b  
U.S. IMPORTS OF SILVER, BY COUNTRY<sup>1</sup>

Period and country	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semimanufactured forms <sup>2</sup> (gross weight)		Waste and scrap (gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2007	222,000	\$82,800	47,000	\$6,590	496	\$128	397,000	\$138,000	3,420,000	\$482,000
2008:										
September	28,100	11,700	6,480	888	1,400	375	31,000	6,650	588,000	53,200
October	16,400	5,220	4,800	648	300	57	44,500	12,300	622,000	40,800
November:										
Argentina	--	--	--	--	--	--	--	--	229	4,070
Aruba	--	--	--	--	--	--	--	--	3	20
Australia	175	78	93 <sup>3</sup>	16	--	--	62 <sup>3</sup>	19	68	419
Austria	--	--	--	--	--	--	--	--	2	40
Bolivia	--	--	--	--	--	--	--	--	52	29
Brazil	--	--	--	--	--	--	70 <sup>3</sup>	12	1	16
Canada	612 <sup>3</sup>	182	775 <sup>3</sup>	33	--	--	5	2	39,200	10,600
China	--	--	--	--	--	--	--	--	10,200 <sup>3</sup>	1,500
Colombia	--	--	--	--	--	--	--	--	22,600	330
Costa Rica	--	--	--	--	--	--	--	--	181	63
Dominican Republic	--	--	--	--	--	--	--	--	197	320
France	--	--	--	--	--	--	--	--	16,600	344
Germany	--	--	2,610 <sup>3</sup>	513	--	--	393	165	131,000 <sup>3</sup>	8,540
Guatemala	--	--	--	--	--	--	--	--	9,020	946
India	--	--	104 <sup>3</sup>	18	--	--	9 <sup>3</sup>	3	--	--
Israel	--	--	--	--	--	--	--	--	160	9
Italy	1 <sup>3</sup>	7	--	--	--	--	--	--	33	893
Japan	--	--	900 <sup>3</sup>	34	--	--	--	--	44	1,810
Korea, Republic of	668 <sup>3</sup>	127	--	--	--	--	--	--	314	12,300
Malaysia	--	--	48 <sup>3</sup>	8	--	--	--	--	36,400	520
Mexico	40,400 <sup>3</sup>	12,700	--	--	--	--	19,800 <sup>3</sup>	4,070	168,000	1,010
New Zealand	--	--	--	--	--	--	--	--	38	700
Panama	--	--	--	--	--	--	--	--	10	192
Philippines	--	--	--	--	--	--	--	--	5,360	334
Taiwan	--	--	--	--	--	--	19 <sup>3</sup>	19	23	870
Thailand	--	--	--	--	--	--	--	--	55	64
United Kingdom	416 <sup>3</sup>	134	--	--	--	--	6 <sup>3</sup>	12	71	1,390
Total	42,300	13,200	4,530	622	--	--	20,400	4,300	439,000	47,300
Year to date	236,000	86,800	56,200	8,250	9,010	3,840	382,000	125,000	4,670,000	641,000

-- Zero.

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

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

TABLE 5  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Bullion		Dore		Ores and concentrates <sup>2</sup>		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2007	660,000	\$274,000	51,500	\$21,700	15,800	\$7,010	727,000	\$303,000
2008:								
July	26,800	17,400	4,600	1,920	9,090	4,780	40,500	24,100
August	49,100	27,300	13,600	6,250	15,300	6,920	78,000	40,500
September:								
Canada	2,030	933	492	177	--	--	2,520	1,110
Dominican Republic	50	18	--	--	57 <sup>3</sup>	49	107	67
Germany	2,610 <sup>3</sup>	4,100	--	--	--	--	2,610	4,100
India	--	--	9,360	3,190	--	--	9,360	3,190
Ireland	--	--	--	--	2,490 <sup>3</sup>	554	2,490	554
Korea, Republic of	--	--	--	--	6,710	3,780	6,710	3,780
Latvia	--	--	--	--	596 <sup>3</sup>	107	596	107
Mexico	15	6	11	4	817	370	844	380
Norway	--	--	416	164	--	--	416	164
Peru	--	--	93	32	--	--	93	32
Sweden	--	--	--	--	7,120	4,090	7,120	4,090
Switzerland	641	290	830	345	--	--	1,470	635
Turkey	--	--	302	145	--	--	302	145
United Kingdom	--	--	760	274	162 <sup>3</sup>	29	922	304
Uruguay	2,710 <sup>3</sup>	2,120	--	--	--	--	2,710	2,120
Total	8,060	7,460	12,300	4,330	18,000	8,970	38,300	20,800
Year to date	282,000	154,000	53,700	22,100	72,700	32,900	408,000	209,000

-- Zero.

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

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 5a  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Bullion		Dore		Ores and concentrates <sup>2</sup>		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2007	660,000	\$274,000	51,500	\$21,700	15,800	\$7,010	727,000	\$303,000
2008:								
August	49,100	27,300	13,600	6,250	15,300	6,920	78,000	40,500
September	8,060	7,460	12,300	4,330	18,000	8,970	38,300	20,800
October:								
Canada	914	348	25 <sup>3</sup>	8	--	--	939	356
China	--	--	--	--	1 <sup>3</sup>	5	1	5
Colombia	--	--	--	--	109 <sup>3</sup>	20	109	20
Costa Rica	--	--	--	--	62	22	62	22
Dominican Republic	--	--	--	--	107 <sup>3</sup>	19	107	19
Germany	5,920 <sup>3</sup>	4,200	--	--	--	--	5,920	4,200
India	53,900	19,600	9,610	3,590	--	--	63,500	23,200
Ireland	--	--	--	--	5,660 <sup>3</sup>	1,120	5,660	1,120
Korea, Republic of	--	--	--	--	3,440	1,650	3,440	1,650
Latvia	--	--	--	--	458 <sup>3</sup>	82	458	82
Mexico	267	112	14	5	817	370	1,100	487
New Zealand	--	--	101	35	--	--	101	35
Norway	--	--	349	121	--	--	349	121
Peru	--	--	157	53	--	--	157	53
Singapore	--	--	730	248	--	--	730	248
Sweden	--	--	--	--	3,760	1,640	3,760	1,640
Switzerland	--	--	828	292	--	--	828	292
Thailand	--	--	--	--	284	108	284	108
United Kingdom	--	--	1,280	426	344 <sup>3</sup>	68	1,620	493
Total	61,000	24,300	13,100	4,780	15,000	5,110	89,200	34,200
Year to date	343,000	178,000	66,800	26,900	87,700	38,000	498,000	243,000

-- Zero.

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

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 5b  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Bullion		Dore		Ores and concentrates <sup>2</sup>		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2007	660,000	\$274,000	51,500	\$21,700	15,800	\$7,010	727,000	\$303,000
2008:								
September	8,060	7,460	12,300	4,330	18,000	8,970	38,300	20,800
October	61,000	24,300	13,100	4,780	15,000	5,110	89,200	34,200
November:								
Canada	2,820 <sup>3</sup>	903	--	--	--	--	2,820	903
Colombia	--	--	--	--	6 <sup>3</sup>	4	6	4
Germany	16	7	--	--	1,420	729	1,430	736
India	32,600	10,800	8,860	2,960	--	--	41,400	13,700
Ireland	--	--	--	--	11,500 <sup>3</sup>	2,070	11,500	2,070
Korea, Republic of	--	--	--	--	6,000	2,390	6,000	2,390
Latvia	--	--	--	--	1,400 <sup>3</sup>	253	1,400	253
Mexico	--	--	21	8	318	103	339	111
New Zealand	47	24	--	--	--	--	47	24
Norway	--	--	28	12	--	--	28	12
Singapore	--	--	735 <sup>3</sup>	205	--	--	735	205
Sweden	--	--	--	--	3,700	1,360	3,700	1,360
Switzerland	--	--	1,630	605	--	--	1,630	605
Thailand	--	--	--	--	567	207	567	207
United Kingdom	--	--	10,900 <sup>3</sup>	3,460	305 <sup>3</sup>	55	11,200	3,520
Total	35,400	11,700	22,200	7,250	25,200	7,170	82,800	26,100
Year to date	379,000	190,000	89,000	34,200	113,000	45,100	580,000	269,000

-- Zero.

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

<sup>2</sup>Includes silver content of base metal ores and concentrates.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 6  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semimanufactured forms <sup>2</sup> (gross weight)		Waste and scrap (gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2007	70,000	\$22,400	1,500,000	\$302,000	47,100	\$4,930	659,000	\$150,000	3,180,000	\$2,380,000
2008:										
July	2,010	920	78,600	42,800	7,090	526	29,800	16,500	222,000	417,000
August	3,830	1,190	110,000	64,500	1,580	113	29,300	15,000	324,000	445,000
September:										
Australia	--	--	--	--	200 <sup>3</sup>	23	51	26	1	4
Belgium	--	--	197	95	124 <sup>3</sup>	24	19	10	23,300	6,170
Brazil	732	365	--	--	--	--	8	4	--	--
Canada	829 <sup>3</sup>	226	970 <sup>3</sup>	232	898 <sup>3</sup>	83	28,100	12,700	7,840	21,700
China	50 <sup>3</sup>	13	2,510	1,560	--	--	125	79	4,540	8,960
Czech Republic	--	--	8	4	--	--	4,190	2,010	90	38
France	--	--	4,290	1,680	--	--	463	244	--	--
Germany	19	6	6,030	2,690	--	--	2,220	1,290	30,700	11,200
Hong Kong	518	177	20,900	10,900	--	--	1,560	741	34	135
India	1,220 <sup>3</sup>	268	81	38	--	--	113	55	3	15
Italy	--	--	--	--	--	--	61	30	60,100	20,200
Japan	--	--	10,100	4,480	--	--	170	85	355	14,200
Jordan	140 <sup>3</sup>	20	--	--	--	--	95	44	--	--
Korea, Republic of	--	--	4,600	2,430	--	--	20	10	134	390
Malaysia	--	--	--	--	--	--	168	91	40	200
Mexico	--	--	1,720	654	1,830 <sup>3</sup>	114	3,270	1,720	--	--
Netherlands	--	--	1,570	769	--	--	--	--	--	--
Russia	708 <sup>3</sup>	156	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	7	3	41	3,230
Singapore	--	--	1,250	588	--	--	267	140	1	19
South Africa	--	--	--	--	--	--	15 <sup>3</sup>	11	185	622
Sweden	--	--	--	--	--	--	--	--	353	1,770
Switzerland	16 <sup>3</sup>	3	6	3	--	--	99	63	6,100	158,000
Taiwan	--	--	19,600	11,600	20 <sup>3</sup>	4	530	271	92	32
Thailand	339 <sup>3</sup>	58	415	202	--	--	88	49	--	--
Ukraine	90 <sup>3</sup>	20	--	--	--	--	--	--	--	--
United Kingdom	--	--	10,000	5,000	--	--	713	318	7,860	81,200
Other	166 <sup>3</sup>	49	73 <sup>3</sup>	30	101 <sup>3</sup>	22	421	206	52	32
Total	4,830	1,360	84,400	42,900	3,170	269	42,700	20,200	142,000	329,000
Year to date	35,700	12,300	697,000	384,000	26,800	2,690	635,000	161,000	2,090,000	3,590,000

-- Zero.

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

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

TABLE 6a  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semimanufactured forms <sup>2</sup> (gross weight)		Waste and scrap (gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2007	70,000	\$22,400	1,500,000	\$302,000	47,100	\$4,930	659,000	\$150,000	3,180,000	\$2,380,000
2008:										
August	3,830	1,190	110,000	64,500	1,580	113	29,300	15,000	324,000	445,000
September	4,830	1,360	84,400	42,900	3,170	269	42,700	20,200	142,000	329,000
October:										
Belgium	265	111	165	71	--	--	19	10	38,300	7,340
Canada	139 <sup>3</sup>	43	3,150 <sup>3</sup>	672	4,170 <sup>3</sup>	246	16,800	7,040	6,990	27,700
China	102	51	2,660	1,250	--	--	182	100	2,730	5,340
Czech Republic	--	--	6	3	--	--	3,460	1,480	127	46
Dominican Republic	78	31	--	--	--	--	27	14	--	--
France	--	--	5,250	2,060	--	--	260	148	--	--
Georgia	--	--	--	--	--	--	--	--	5	153
Germany	244	92	3,650	1,250	22	9	560	242	22,100	25,600
Honduras	--	--	37 <sup>3</sup>	25	--	--	--	--	--	--
Hong Kong	687	239	23,600	14,800	--	--	1,200	532	47	125
India	1,750 <sup>3</sup>	353	--	--	--	--	5	3	6	31
Israel	51 <sup>3</sup>	11	--	--	102 <sup>3</sup>	11	--	--	--	--
Italy	--	--	28	13	--	--	134	67	58,900	15,200
Japan	--	--	14,100	5,810	--	--	848	419	752	20,700
Korea, Republic of	42 <sup>3</sup>	9	4,960	2,740	--	--	2 <sup>3</sup>	3	28	141
Malaysia	--	--	--	--	--	--	71	37	19	95
Mexico	534 <sup>3</sup>	163	1,440	675	--	--	3,500	1,830	12	60
Netherlands	--	--	961	465	--	--	16	8	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	119	2,700
Singapore	--	--	922	411	--	--	712	356	--	--
South Africa	--	--	--	--	--	--	10 <sup>3</sup>	6	26	129
Sweden	--	--	41	19	45 <sup>3</sup>	5	6	4	650	3,200
Switzerland	--	--	--	--	--	--	132	83	5,380	130,000
Taiwan	179	82	18,500 <sup>3</sup>	12,400	--	--	238	113	175	74
Thailand	554 <sup>3</sup>	103	844	324	--	--	47	24	--	--
Turkey	27	6	--	--	--	--	625	285	--	--
United Kingdom	--	--	5,550	2,460	--	--	304	159	22,600	53,500
Venezuela	--	--	--	--	798 <sup>3</sup>	94	38	19	--	--
Other	515 <sup>3</sup>	107	--	--	--	--	325	155	10	272
Total	5,160	1,400	85,800	45,400	5,130	365	29,500	13,100	159,000	292,000
Year to date	30,900	13,700	783,000	430,000	31,900	3,060	665,000	174,000	2,250,000	2,880,000

-- Zero.

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

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

TABLE 6b  
U.S. EXPORTS OF SILVER<sup>1</sup>

Period and country	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semimanufactured forms <sup>2</sup> (gross weight)		Waste and scrap (gross weight)	
	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)	Quantity (kilograms)	Value (thousands)
2007	70,000	\$22,400	1,500,000	\$302,000	47,100	\$4,930	659,000	\$150,000	3,180,000	\$2,380,000
2008:										
September	4,830	1,360	84,400	42,900	3,170	269	42,700	20,200	142,000	329,000
October	5,160	1,400	85,800	45,400	5,130	365	29,500	13,100	159,000	292,000
November:										
Australia	271	95	--	--	--	--	170	83	--	--
Belgium	--	--	99	41	--	--	20	10	51,100	9,680
Canada	77 <sup>3</sup>	18	937 <sup>3</sup>	271	687 <sup>3</sup>	71	20,700	9,580	8,710	23,300
China	47	23	2,780	1,310	12 <sup>3</sup>	3	350	147	2,020	2,840
Colombia	--	--	--	--	41 <sup>3</sup>	5	--	--	--	--
Costa Rica	120	44	--	--	--	--	--	--	--	--
Czech Republic	--	--	45 <sup>3</sup>	9	--	--	720	267	66	21
Dominican Republic	48	19	--	--	--	--	38	16	--	--
France	--	--	3,220	1,120	--	--	172	90	--	--
Germany	19 <sup>3</sup>	5	4,080	1,600	19 <sup>3</sup>	6	2,190	875	27,800	10,900
Hong Kong	698	229	4,100	2,270	--	--	722	314	103	156
India	977 <sup>3</sup>	201	125	75	--	--	15	8	15	73
Indonesia	--	--	--	--	--	--	31	13	--	--
Italy	--	--	--	--	--	--	152	62	91,000	20,700
Japan	--	--	12,800	4,850	--	--	384	192	496	11,500
Korea, Republic of	26 <sup>3</sup>	6	4,640	2,070	--	--	7 <sup>3</sup>	8	272	351
Malaysia	--	--	--	--	--	--	113	67	11	56
Mexico	236 <sup>3</sup>	55	531	244	24 <sup>3</sup>	5	2,540	1,320	293	899
Netherlands	--	--	748	279	--	--	16	7	--	--
Russia	116 <sup>3</sup>	94	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	38	1,880
Singapore	--	--	638	300	--	--	224	116	--	--
Sweden	--	--	15	6	--	--	--	--	301	1,510
Switzerland	--	--	23	11	--	--	38 <sup>3</sup>	27	4,640	104,000
Taiwan	--	--	18,600	7,110	--	--	85	43	134	259
Thailand	170 <sup>3</sup>	27	850	291	--	--	227	118	--	--
Trinidad and Tobago	--	--	--	--	--	--	84	42	--	--
United Kingdom	1,760	638	12,000	5,010	--	--	536	259	5,170	16,400
Other	83 <sup>3</sup>	19	--	--	--	--	94	47	6	64
Total	4,650	1,470	66,300	26,800	783	89	29,700	13,700	192,000	205,000
Year to date	45,600	15,200	849,000	457,000	32,700	3,150	694,000	188,000	2,440,000	4,090,000

-- Zero.

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

<sup>2</sup>Containing 99.5% or more by weight of silver.

<sup>3</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.