

Mineral Industry Surveys

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SILVER IN SEPTEMBER 2019

U.S. mines produced 85,200 kilograms (kg) of silver in September 2019 (table 1). Based on unrounded data, the average daily silver production in September was 2,840 kg, a 6% increase compared with 2,670 kg in August, and 8% more than 2,620 kg in September 2018.

The daily price in September ranged between a high of \$19.40 per troy ounce on September 4 and a low of \$17.18 per troy ounce on September 30 (fig. 1, table 2).

Prices

In September 2019, the Engelhard average daily silver price was \$18.21 per troy ounce, a 6% increase from that in August.

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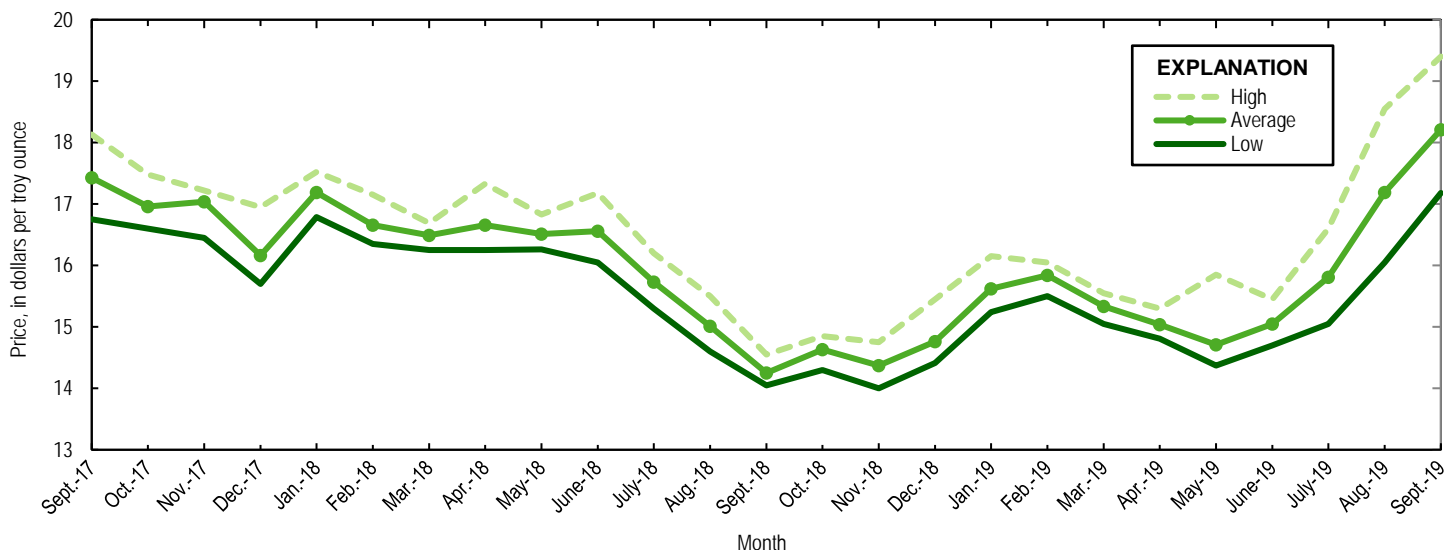


Figure 1. Engelhard monthly silver prices for September 2017 through September 2019. Source: Platts Metals Week.

TABLE 1
MINE PRODUCTION OF RECOVERABLE SILVER
IN THE UNITED STATES, BY STATE¹

(Kilograms)

	Nevada	Other States ²	Total
2018: ^p			
September	20,400	58,300	78,700
October	22,800	64,400	87,200
November	21,700	58,400	80,000
December	23,700	64,600	88,300
January–December	247,000	687,000	934,000
2019:			
January	16,200 ^r	64,500 ^r	80,700 ^r
February	14,600 ^r	56,700 ^r	71,200 ^r
March	15,700 ^r	59,900 ^r	75,600 ^r
April	14,700 ^r	69,400 ^r	84,200 ^r
May	15,900 ^r	68,100 ^r	83,900 ^r
June	15,500 ^r	67,700 ^r	83,100 ^r
July	15,800 ^r	70,400 ^r	86,100 ^r
August	15,600 ^r	67,200 ^r	82,800 ^r
September	15,400	69,800	85,200
January–September	139,000 ^r	593,000 ^r	733,000

^pPreliminary. ^rRevised.

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

²Includes Alaska, Arizona, California, Colorado, Idaho, Missouri, Montana, New Mexico, South Dakota, and Utah.

TABLE 2
SILVER PRICES

(Dollars per troy ounce)

	Price	Date
<u>Engelhard:</u>		
<u>2018:</u>		
Low	14.00	Nov. 14
High	17.52	Jan. 25
Average	15.75	XX
<u>2019:</u>		
<u>August</u>		
Low	16.05	Aug. 1
High	18.55	Aug. 29
Average	17.19	XX
<u>September</u>		
Low	17.18	Sep. 30
High	19.40	Sep. 4
Average	18.21	XX
<u>Year to date:</u>		
Low	14.37	May 28
High	19.40	Sep. 4
Average	15.87	XX
<u>Handy and Harman:</u>		
<u>2018, Average</u>		
	15.71	XX
<u>2019:</u>		
<u>August</u>		
	17.22	XX
<u>September</u>		
	18.16	XX
<u>Year to date:</u>		
	15.85	XX
<u>London Final:¹</u>		
<u>2018, Average</u>		
	15.77	XX
<u>2019:</u>		
<u>August</u>		
	17.14	XX
<u>September</u>		
	18.17	XX
<u>Year to date:</u>		
	15.83	XX

XX Not applicable.

¹Reported as "London Spot/US Equiv."

Source: Platts Metals Week.

TABLE 3
U.S. IMPORTS OF SILVER¹

Period and country or locality	Bullion		Doré		Ores and concentrates ² Ash and residues		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2018	3,750,000	\$1,890,000	1,080,000	\$956,000	7,790	\$2,260	4,840,000	\$2,850,000
2019:								
July	290,000	146,000	87,100	65,700	856	208	378,000	212,000
August	405,000	204,000	68,700	68,400	632 ^f	165 ^f	475,000 ^f	273,000
September:								
Argentina	--	--	9,980	5,630	--	--	9,980	5,630
Australia	242	149	--	--	--	--	242	149
Belgium	1,200	740	--	--	--	--	1,200	740
Bolivia	12,700	7,380	9,910	5,440	--	--	22,600	12,800
Canada	98,900	58,300	--	--	555	139	99,500	58,400
Chile	11,200	6,130	--	--	--	--	11,200	6,130
Dominican Republic	--	--	56	36	--	--	56	36
Germany	2,160	1,230	--	--	--	--	2,160	1,230
Italy	--	--	181	112	--	--	181	112
Korea, South	124	93	--	--	--	--	124	93
Mexico	213,000	126,000	50,800	60,700	87	38	263,000	187,000
Switzerland	59	39	215	154	--	--	274	193
United Kingdom	850	523	143	88	--	--	993	611
Total	340,000	200,000	71,300	72,100	642	176	412,000	273,000
January–September ³	2,850,000	1,440,000	697,000	598,000	4,740	1,220	3,550,000	2,040,000

^fRevised. -- Zero.

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

²Includes silver content of base metal ores and concentrates.

³May include revisions to previous months.

Source: U.S. Census Bureau.

TABLE 4
U.S. IMPORTS OF REFINED SILVER¹

Period and country or locality	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semi manufactured forms ² (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)
2018	424,000	\$188,000	407,000	\$64,300	3,250	\$459	380,000	\$179,000	6,710,000	\$495,000
2019:										
July	20,600	9,060	56,400	3,050	404	60	20,500	9,820	1,190,000	78,800
August	33,400	17,400	29,200	2,710	18	11	20,300	13,100	1,220,000	96,700
September:										
Argentina	--	--	--	--	--	--	--	--	4,380	88
Belgium	--	--	--	--	117	5	--	--	28,200	60
Bolivia	--	--	--	--	--	--	--	--	13,400	50
Canada	2,410	773	1,400	67	--	--	(3)	3	66,300	16,400
Chile	--	--	--	--	--	--	5,590	3,080	--	--
China	3	4	--	--	--	--	--	--	16,200	40
Colombia	--	--	--	--	--	--	--	--	1,030	252
Dominican Republic	--	--	--	--	--	--	--	--	540	282
Ecuador	--	--	--	--	--	--	--	--	19,700	62
France	--	--	4,630	293	--	--	--	--	--	--
Germany	13	9	232	116	39	7	456	280	154,000	71,800
Hungary	--	--	1,280	58	--	--	--	--	--	--
Japan	--	--	2,750	236	--	--	--	--	--	--
Korea, Republic of	--	--	(3)	6	--	--	18,600	8,740	9	3
Malaysia	--	--	--	--	--	--	--	--	40,700	215
Mexico	16,700	9,770	--	--	--	--	--	--	20,000	2,470
New Zealand	--	--	--	--	--	--	--	--	6	317
Nigeria	--	--	--	--	--	--	--	--	74,100	393
Peru	8,250	4,560	--	--	--	--	--	--	--	--
Singapore	--	--	--	--	--	--	--	--	206	2,060
Slovakia	--	--	--	--	--	--	--	--	57,300	769
Switzerland	--	--	312	187	--	--	--	--	--	--
Taiwan	--	--	1,150	50	--	--	--	--	168	512
United Arab Emirates	--	--	--	--	--	--	--	--	19,800	169
United Kingdom	--	--	148	80	6	4	128	59	156,000	22,400
Vietnam	--	--	--	--	--	--	--	--	11,600	143
Other	65	32	69	39	--	--	61	14	196	174
Total	27,400	15,100	12,000	1,130	162	16	24,800	12,200	683,000	119,000
January–September	348,000	136,000	231,000	20,900	2,110	374	226,000	112,000	7,280,000	691,000

-- Zero.

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

²Containing 99.5% or more by weight of silver.

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 5
U.S. EXPORTS OF SILVER¹

Period and country or locality	Bullion		Doré		Ores and concentrates ² Ash and residues		Total	
	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)	Silver content (kilograms)	Value (thousands)
2018	557,000	\$311,000	37,600	\$24,900	7,830	\$3,890	602,000	\$340,000
2019:								
July	1,820	1,070	237	124	--	--	2,060	1,190
August	7,660	5,350	528	405	150	65	8,340	5,820
September:								
Australia	666	370	--	--	--	--	666	370
Canada	4,820	2,920	--	--	--	--	4,820	2,920
China	416	245	--	--	--	--	416	245
France	9	9	--	--	--	--	9	9
Hong Kong	2	3	--	--	--	--	2	3
India	118	83	--	--	--	--	118	83
Italy	75	72	--	--	--	--	75	72
Malaysia	5	4	--	--	--	--	5	4
Mexico	523	312	--	--	--	--	523	312
New Zealand	3	3	--	--	--	--	3	3
Singapore	1,250	795	--	--	--	--	1,250	795
Switzerland	--	--	266	152	--	--	266	152
Thailand	26	23	--	--	--	--	26	23
United Kingdom	18	10	43	18	--	--	61	28
Total	7,930	4,850	309	170	--	--	8,240	5,020
January–September	168,000	83,600	21,400	13,200	207	98	189,000	97,000

-- Zero.

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

²Includes silver content of base metal ores and concentrates.

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 6
U.S. EXPORTS OF REFINED SILVER¹

Period and country or locality	Other unwrought silver (gross weight)		Metal powder (gross weight)		Silver nitrate (gross weight)		Semi manufactured forms ² (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)
2018	113,000	\$55,900	917,000	\$534,000	52,100	\$6,690	423,000	\$236,000	17,200,000	\$2,480,000
2019:										
July	28,400	14,100	52,100	31,400	3,260	705	15,600	9,360	1,810,000	188,000
August	9,500	5,050	57,300	36,500	2,480	566	19,100	11,200	1,990,000	274,000
September:										
Australia	--	--	--	--	--	--	148	79	--	--
Belgium	--	--	772	496	--	--	--	--	215,000	18,300
Brazil	--	--	226	226	--	--	--	--	--	--
Canada	41,000	24,600	2,490	905	2,630	138	3,730	2,170	874,000	27,500
China	858	378	3,110	2,100	--	--	1,550	863	1,140	38
France	102	27	6,140	3,760	--	--	373	216	--	--
Germany	36	18	2,150	1,350	--	--	1,350	617	185,000	14,000
Hong Kong	195	131	3,560	2,330	--	--	96	85	1,220	971
India	2,470	1,000	126	81	63	8	667	361	--	--
Italy	--	--	1,330	851	--	--	93	66	170,000	41,700
Japan	--	--	3,860	2,730	--	--	21,300	10,700	316,000	23,000
Korea, Republic of	--	--	4,130	2,760	--	--	1,720	1,150	19,500	2,510
Malaysia	29	18	489	383	--	--	239	163	20	11
Mexico	260	337	1,600	1,450	--	--	5,230	2,870	32,400	4,820
Netherlands	--	--	1,140	784	--	--	--	--	9	47
Philippines	9	19	--	--	--	--	339	351	--	--
Poland	472	472	--	--	--	--	44	18	--	--
Singapore	154	75	8,130	5,180	1,580	688	155	82	(3)	5
South Africa	--	--	--	--	--	--	--	--	277	6,780
Spain	--	--	137	107	--	--	1,270	636	--	--
Sweden	--	--	--	--	--	--	--	--	145,000	4,590
Switzerland	2	3	--	--	--	--	434	271	306	14,200
Taiwan	--	--	9,840	7,160	--	--	102	117	--	--
Thailand	194	246	--	--	--	--	278	194	--	--
United Kingdom	(3)	3	2,360	1,650	--	--	1,430	788	46,300	115,000
Vietnam	76	24	--	--	--	--	116	65	--	--
Other	287	156	66	38	18	4	1,130	603	1	108
Total	46,100	27,500	51,700	34,300	4,300	838	41,800	22,400	2,000,000	274,000
January–September	178,000	100,000	443,000	270,000	34,900	5,990	374,000	211,000	14,200,000	1,880,000

-- Zero.

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

²Containing 99.3% or more by weight of silver.

³Less than ½ unit.

Source: U.S. Census Bureau.