

# Mineral Industry Surveys

**For information, contact:**

Kristin N. Sheaffer, Gold Commodity Specialist  
 National Minerals Information Center  
 Telephone: (703) 648-4954  
 Email: ksheaffer@usgs.gov

Ashley Weatherford (Data)

Telephone: (703) 648-7971

Email: aweatherford@usgs.gov

**Internet:** <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

## GOLD IN DECEMBER 2022

Production of gold by U.S. mines was 14,500 kilograms (kg) in December 2022, essentially unchanged compared with that in November 2022 production, a 19% decrease compared with that in December 2021 production, and a 10% year-to-date decrease compared with the same time period in 2021 (fig. 1, table 1). The decrease in production was primarily attributed to lower production at several mines in Nevada as a result of lower ore grades and throughput.

Based on unrounded data, the average daily gold production for U.S. mines was about 469 kg in December 2022, 481 kg for November 2022, 465 kg for full year 2022, and 513 kg for the full year of 2021.

**Prices**

The average monthly Engelhard gold price in December 2022 increased \$73.60 per troy ounce to \$1,799.45 per troy ounce from the average price in November 2022 (fig. 2, table 2). The daily price in December ranged between a low of \$1,780.00 per troy ounce on December 6, and a high of \$1,822.00 per troy ounce on December 30.

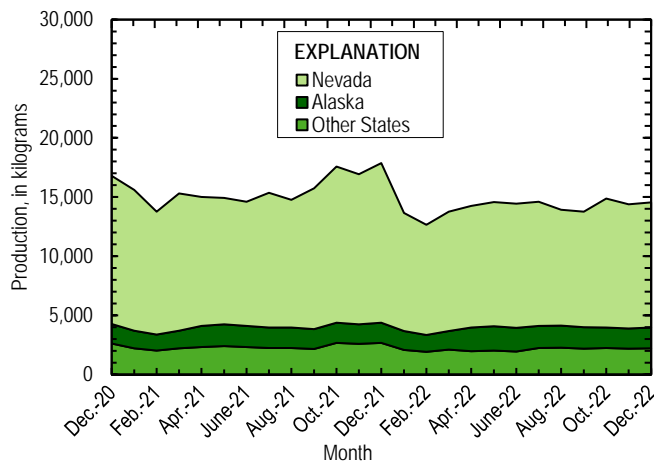


Figure 1. Domestic gold mine production from December 2020 through December 2022.

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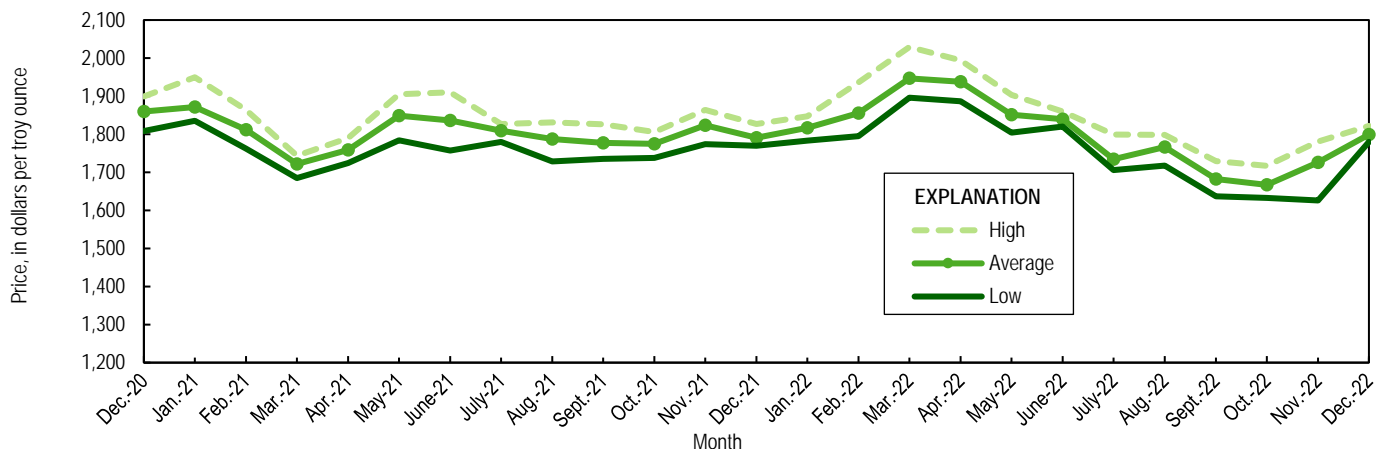


Figure 2. Engelhard monthly gold prices December 2020 through December 2022. Source: S&P Global Platts Metals Week.

TABLE 1  
MINE PRODUCTION OF GOLD IN THE UNITED STATES,  
BY STATE<sup>1</sup>

(Kilograms)

	Alaska	Nevada	Other States <sup>2</sup>	Total
<b>2021:<sup>P</sup></b>				
January	1,500	11,900	2,200	15,600
February	1,350	10,400	2,020	13,800
March	1,500	11,600	2,210	15,300
April	1,790	10,900	2,320	15,000
May	1,840	10,700	2,390	14,900
June	1,790	10,500	2,320	14,600
July	1,720	11,400	2,240	15,400
August	1,720	10,800	2,240	14,800
September	1,670	11,900	2,170	15,700
October	1,710	13,200	2,670	17,600
November	1,650	12,700	2,580	16,900
December	1,710	13,500	2,660	17,900
January–December	20,000	139,000	28,000	187,000
<b>2022:</b>				
January	1,570	10,000	2,090	13,700
February	1,420	9,320	1,920	12,700
March	1,570	10,100	2,100	13,800
April	2,000	10,300	1,960	14,300
May	2,070	10,500	2,010	14,600
June	2,000	10,500	1,950	14,400
July	1,860	10,500	2,250	14,600
August	1,860	9,810	2,260	13,900
September	1,800	9,770	2,190	13,800
October	1,740	10,900	2,240	14,900
November	1,690	10,500	2,190	14,400
December	1,740	10,600	2,220	14,500
January–December	21,300	123,000	25,400	170,000

<sup>P</sup>Preliminary.

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

<sup>2</sup>Includes Arizona, California, Colorado, Idaho, Michigan, New Mexico, South Carolina, South Dakota, and Utah.

TABLE 2  
GOLD PRICES<sup>1</sup>

(Dollars per troy ounce)

	Low	Date	High	Date	Average
2021:					
January	1,835.00	Jan. 11	1,950.00	Jan. 5	1,871.58
February	1,762.00	Feb. 26	1,864.00	Feb. 1	1,811.58
March	1,685.00	Mar. 30	1,744.00	Mar. 25	1,721.74
April	1,724.00	Apr. 1, 5	1,790.00	Apr. 23	1,758.91
May	1,784.00	May 5	1,905.00	May 26	1,848.50
June	1,757.00	Jun. 29	1,910.00	Jun. 1	1,836.05
July	1,780.00	Jul. 1	1,827.00	Jul. 14	1,809.43
August	1,728.50	Aug. 10	1,831.00	Aug. 4	1,786.98
September	1,735.00	Sep. 28	1,826.00	Sep. 3	1,777.43
October	1,738.00	Oct. 15	1,806.00	Oct. 22	1,775.14
November	1,774.00	Nov. 3	1,864.00	Nov. 11, 17	1,823.35
December	1,770.00	Dec. 14	1,827.00	Dec. 31	1,790.38
January–December	1,685.00	Mar. 30	1,950.00	Jan. 5	1,799.44
2022:					
January	1,783.00	Jan. 28	1,847.00	Jan. 20	1,816.85
February	1,795.00	Feb. 4	1,936.00	Feb. 24	1,855.11
March	1,896.00	Mar. 29	2,029.00	Mar. 8	1,946.70
April	1,887.00	Apr. 28	1,994.00	Apr. 18	1,937.80
May	1,804.00	May 13	1,903.00	May 5	1,851.62
June	1,820.00	Jun. 14, 24	1,860.00	Jun. 2, 3	1,839.45
July	1,706.00	Jul. 21	1,799.00	Jul. 5	1,734.30
August	1,718.00	Aug. 31	1,798.00	Aug. 9, 10	1,766.48
September	1,637.00	Sep. 27, 28	1,729.00	Sep. 12	1,682.19
October	1,633.00	Oct. 21	1,717.00	Oct. 6	1,666.95
November	1,626.00	Nov. 3	1,781.00	Nov. 16	1,725.85
December	1,780.00	Dec. 6	1,822.00	Dec. 30	1,799.45
January–December	1,626.00	Nov. 3	2,029.00	Mar. 8	1,802.48

<sup>1</sup>Quotes from Engelhard.

Source: S&P Global Platts Metals Week.

TABLE 3  
U.S. IMPORTS OF GOLD<sup>1</sup>

(Kilograms, gold content unless otherwise specified)

Country or locality	Ores and concentrates <sup>2</sup>		Doré and precipitates		Refined bullion <sup>3</sup>		Total <sup>4</sup>		Waste and scrap <sup>5</sup>	
	Quantity	Value (thousand)	Quantity	Value (thousand)	Quantity	Value (thousand)	Quantity	Value (thousand)	Quantity	Value (thousand)
2021	907	\$10,800	90,600	\$5,130,000	100,000	\$5,780,000	192,000	\$10,900,000	18,400	\$560,000
2022:										
November	21	231	6,870	369,000	3,420	191,000	10,300	561,000	1,200	30,000
December										
Argentina	--	--	1,960	107,000	--	--	1,960	107,000	--	--
Austria	--	--	--	--	7	338	7	338	--	--
Brazil	--	--	39	2,120	--	--	39	2,120	--	--
Canada	--	--	313	17,200	654	37,700	967	55,000	263	7,800
Chile	--	--	68	4,150	--	--	68	4,150	7	256
Colombia	--	--	1,940	110,000	779	44,000	2,720	154,000	--	--
Costa Rica	--	--	58	2,230	22	985	80	3,220	139	737
Dominican Republic	--	--	109	6,310	--	--	109	6,310	31	1,120
Ecuador	--	--	445	25,300	8	474	453	25,800	147	4,670
Germany	--	--	13	652	19	1,080	31	1,730	11	200
Guatemala	--	--	37	1,860	--	--	37	1,860	6	150
Guyana	--	--	24	1,360	--	--	24	1,360	--	--
Honduras	--	--	99	5,750	--	--	99	5,750	60	2,340
Mexico	--	--	2,960	172,000	395	22,700	3,350	195,000	252	9,500
Nicaragua	--	--	717	41,100	12	713	730	41,900	--	--
Panama	--	--	27	1,580	15	881	43	2,460	141	4,370
Paraguay	--	--	6	335	--	--	6	335	--	--
Peru	--	--	78	4,490	22	1,220	100	5,710	--	--
Switzerland	--	--	--	--	489	28,100	489	28,100	(6)	7
Turkey	--	--	--	--	14	775	14	775	--	--
Other	--	--	8	405	15	788	23	1,190	379	4,080
Total	--	--	8,900	504,000	2,450	140,000	11,400	644,000	1,440	35,200
January–December	1,740	19,900	82,300	4,750,000	53,600	3,180,000	138,000	7,950,000	15,400	386,000

-- Zero.

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

<sup>2</sup>Includes gold content of base metal ores, concentrates, and matte imported for refining.

<sup>3</sup>Bullion also moves in both directions between U.S. markets and foreign stocks on deposit in the Federal Reserve Bank. Monetary gold excluded.

<sup>4</sup>“Waste and scrap” is not included in “Total.”

<sup>5</sup>Gross weight.

<sup>6</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 4  
U.S. EXPORTS OF GOLD<sup>1</sup>

(Kilograms, gold content unless otherwise specified)

Country or locality	Ores and concentrates <sup>2</sup>		Doré and precipitates		Refined bullion <sup>3</sup>		Total <sup>4</sup>		Waste and scrap <sup>5</sup>	
	Quantity	Value (thousand)	Quantity	Value (thousand)	Quantity	Value (thousand)	Quantity	Value (thousand)	Quantity	Value (thousand)
2021	3,860	\$213,000	52,600	\$3,060,000	329,000	\$18,900,000	386,000	\$22,200,000	71,400	\$2,900,000
2022:										
November	257	12,100	4,840	266,000	35,900	2,000,000	41,000	2,280,000	5,860	210,000
December										
Australia	--	--	465	25,000	(6)	15	465	25,100	--	--
Canada	--	--	253	13,200	265	15,000	518	28,200	5,800	283,000
China	--	--	1	77	--	--	1	77	--	--
France	--	--	--	--	(6)	19	(6)	19	--	--
Germany	--	--	--	--	36	1,850	36	1,850	18	473
Hong Kong	--	--	--	--	46	2,780	46	2,780	--	--
India	--	--	59	3,300	18	1,010	77	4,310	--	--
Italy	--	--	18	1,010	--	--	18	1,010	12	667
Japan	97	5,140	--	--	1	57	98	5,200	--	--
Kuwait	--	--	--	--	1	50	1	50	--	--
Laos	--	--	--	--	1	75	1	75	--	--
Mexico	--	--	--	--	37	2,070	37	2,070	--	--
Panama	--	--	--	--	(6)	17	(6)	17	--	--
Peru	--	--	--	--	11	616	11	616	--	--
Singapore	--	--	--	--	39	2,050	39	2,050	--	--
Switzerland	--	--	3,640	209,000	1,970	113,000	5,610	321,000	659	12,500
Taiwan	307	16,200	--	--	--	--	307	16,200	--	--
Turkey	--	--	--	--	276	15,300	276	15,300	--	--
United Arab Emirates	--	--	409	21,700	--	--	409	21,700	--	--
United Kingdom	--	--	--	--	13,500	782,000	13,500	782,000	--	--
Other	--	--	(6)	23	(6)	16	1	40	8	163
Total	404	21,400	4,850	273,000	16,200	935,000	21,400	1,230,000	6,500	296,000
January–December	3,410	188,000	60,700	3,510,000	354,000	20,400,000	418,000	24,100,000	64,600	2,690,000

-- Zero.

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

<sup>2</sup>Includes gold content of base metal ores, concentrates, and matte imported for refining.

<sup>3</sup>Bullion also moves in both directions between U.S. markets and foreign stocks on deposit in the Federal Reserve Bank. Monetary gold excluded.

<sup>4</sup>“Waste and scrap” is not included in “Total.”

<sup>5</sup>Gross weight.

<sup>6</sup>Less than ½ unit.

Source: U.S. Census Bureau.