

# Mineral Industry Surveys

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#### **GOLD IN JULY 2006**

U.S. mines produced 20,100 kilograms (kg) of gold in July, equivalent to that of June, according to the U.S. Geological Survey. The daily production rate of gold in July was 650 kg, 9% lower than the 2005 annual average daily production rate of 713 kg and 3% less than the June average rate of 670 kg.

Engelhard Industries' average gold price for July was \$636.62 per troy ounce, 6% more than the average June price.

On July 24, Barrick Gold Corporation (Toronto, Ontario, Canada) announced that it had reached an agreement with Pioneer Metals Corporation (Vancouver, British Columbia, Canada) to offer cash for all of the issued and outstanding shares of Pioneer Metals. Pioneer had exploration projects and other interests, including the Grace property, which is adjacent to NovaGold Resources Inc.'s (Vancouver) Galore Creek project in British Columbia, Canada. On the same day, Barrick announced its offer to acquire all the outstanding shares of NovaGold. The proposed transaction was valued at \$1.29 billion and would increase Barrick's share of the Donlin Creek project in Alaska and the Galore Creek project to 100%. NovaGold had made an offer in June to acquire Pioneer, which was set to expire on July 25. If both transactions are completed,

Barrick's measured and indicated gold reserves in North America will rise by 54% (Barrick Gold Corporation, 2006a, b).

According to the China Gold Association, China produced 20,500 kg of gold in May, which brought the year-to-date total to 88,800 kg of gold, or 12% greater than gold production during the same period in 2005. China's State Development and Reform Commission estimated that China's gold production would rise by 10% in 2006 (Beijing Antaike Information Development Co., Ltd., 2006 a, b).

#### **References Cited**

Barrick Gold Corporation, 2006a, Barrick announces cash offer for NovaGold: Toronto, Ontario, Canada, Barrick Gold Corporation press release, July 24, 4 p.

Barrick Gold Corporation, 2006b, Pioneer agrees to be acquired by Barrick: Toronto, Ontario, Canada, Barrick Gold Corporation press release, July 24, 3 p.

Beijing Antaike Information Development Co., Ltd., 2006a, CGA—China yields 88.802t of gold in Jan.-May: China Metal Market—Precious & Minor Metals Monthly, no. 78, August, p. 3.

Beijing Antaike Information Development Co., Ltd., 2006b, CGA—Gold output expected to rise by 10% in 2006: China Metal Market—Precious & Minor Metals Monthly, no. 78, August, p. 3.

TABLE 1  $\label{eq:mine_production} \mbox{ MINE PRODUCTION OF RECOVERABLE GOLD IN THE UNITED } \\ \mbox{STATES, BY STATE}^1$ 

## (Kilograms)

	Other				
	Nevada	States <sup>2</sup>	Total		
2005: <sup>p</sup>					
July	18,100	3,520 <sup>r</sup>	21,600 <sup>r</sup>		
August	19,700	3,870 <sup>r</sup>	23,600 <sup>r</sup>		
September	19,600	3,930 <sup>r</sup>	23,600 <sup>r</sup>		
October	18,700	3,440 <sup>r</sup>	22,200 <sup>r</sup>		
November	18,100	3,650 <sup>r</sup>	21,700 <sup>r</sup>		
December	19,500	3,420 <sup>r</sup>	22,900 <sup>r</sup>		
January-December	217,000	43,700 <sup>r</sup>	260,000 <sup>r</sup>		
2006:					
January	15,200	3,170 <sup>r</sup>	18,400 <sup>r</sup>		
February	14,800	3,390 <sup>r</sup>	18,200 <sup>r</sup>		
March	18,400	4,110 <sup>r</sup>	22,500 <sup>r</sup>		
April	16,000	4,100	20,100		
May <sup>r</sup>	15,400	4,630	20,100		
June <sup>r</sup>	15,600	4,460	20,100		
July	15,500	4,670	20,100		
January-July	95,300	24,200	119,000		

<sup>&</sup>lt;sup>p</sup>Preliminary. <sup>r</sup>Revised.

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

<sup>&</sup>lt;sup>2</sup>Includes Alaska, Arizona, California, Colorado, Idaho, Montana, New Mexico, South Dakota, Utah, and Washington.

### TABLE 2 GOLD PRICES

(Dollars per troy ounce)

Low/date	Engelhard Industries:		
High/date         538.06 Dec. 12           Average         446.20           2006:         May:           Low/date         643.99/26           High/date         726.88/12           Average         676.44           June:         Low/date           Low/date         568.61/20           High/date         643.54/5           Average         597.81           July:         Low/date           Low/date         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         Year to date:           Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           2006:         444.79           June         596.15           July         634.89           Year to date         596.69           London Final:         2005, average         444.88           2006:         May         675.39           June         596.15           July         633.71		<del>_</del>	
Average 446.20  2006:  May:  Low/date 643.99/26  High/date 726.88/12  Average 676.44  June:  Low/date 643.54/5  Average 597.81  July:  Low/date 665.03/14  Average 636.62  Year to date:  Low/date 726.88 May 12  Average 598.53  Handy and Harman:  2005, average 444.79  2006:  May 673.97  June 596.15  July 633.89  Year to date 596.69  London Final:  2005, average 444.88  2006:  May 675.39  June 596.15  July 633.71	Low/date	412.45 Feb. 8	
May:   Low/date   643.99/26   High/date   726.88/12   Average   676.44   June:   Low/date   643.54/5   Average   597.81   July:   Low/date   665.03/14   Average   636.62   Year to date:   Low/date   526.29 Jan. 5   High/date   726.88 May 12   Average   598.53   Handy and Harman:   2005, average   444.79   2006:   May   673.97   June   596.15   July   634.89   Year to date   2005; average   444.88   2006:   May   675.39   June   596.15   July   633.71   633.71	High/date		
May:         Low/date         643.99/26           High/date         726.88/12           Average         676.44           June:         568.61/20           Low/date         568.61/20           High/date         643.54/5           Average         597.81           July:         Low/date         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average         444.79           2006:         May         673.97           June         596.15         July           June         596.69           London Final:         2005, average         444.88           2006:         May         675.39           June         596.15         July           May         675.39           June         596.15           July         633.71	Average	446.20	
Low/date	2006:		
High/date	May:		
Average         676.44           June:           Low/date         568.61/20           High/date         643.54/5           Average         597.81           July:         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         200/date           Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           2006:         444.79           2006:         May           For 3.97         June           July         634.89           Year to date         596.69           London Final:         2005, average           444.88         2006:           May         675.39           June         596.15           July         633.71	Low/date	643.99/26	
June:           Low/date         568.61/20           High/date         643.54/5           Average         597.81           July:         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         1           Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           444.79         2006:           May         673.97           June         596.15           July         634.89           Year to date         596.69           London Final:         2005, average         444.88           2006:         May         675.39           June         596.15           July         633.71	High/date	726.88/12	
Low/date         568.61/20           High/date         643.54/5           Average         597.81           July:         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         526.29 Jan. 5           Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           2006:         444.79           June         596.15           July         634.89           Year to date         596.69           London Final:         2005, average         444.88           2006:         444.88           2006:         444.88           2006:         596.15           June         596.15           June         596.15           July         633.71	Average	676.44	
High/date       643.54/5         Average       597.81         July:       607.38/24         High/date       665.03/14         Average       636.62         Year to date:       526.29 Jan. 5         High/date       726.88 May 12         Average       598.53         Handy and Harman:       2005, average       444.79         2006:       May       673.97         June       596.15         July       634.89         Year to date       596.69         London Final:       2005, average       444.88         2006:       444.88         2006:       444.88         2006:       596.15         June       596.15         June       596.15         July       633.71	June:		
Average       597.81         July:       607.38/24         High/date       665.03/14         Average       636.62         Year to date:       526.29 Jan. 5         Low/date       726.88 May 12         Average       598.53         Handy and Harman:       2005, average         2006:       444.79         June       596.15         July       634.89         Year to date       596.69         London Final:       2005, average         2006:       444.88         2006:       444.88         2006:       596.15         June       596.15         June       596.15         July       633.71	Low/date	568.61/20	
July:         Low/date         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         Sec. 29 Jan. 5           Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           2006:         444.79           June         596.15           July         634.89           Year to date         596.69           London Final:         2005, average         444.88           2006:         May         675.39           June         596.15           July         633.71	High/date	643.54/5	
Low/date         607.38/24           High/date         665.03/14           Average         636.62           Year to date:         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           444.79         2006:           May         673.97           June         596.15           July         634.89           Year to date         596.69           London Final:         2005, average           2006:         444.88           2006:         444.88           2006:         596.15           June         596.15           June         596.15           July         633.71	Average	597.81	
High/date         665.03/14           Average         636.62           Year to date:         526.29 Jan. 5           Low/date         526.29 Jan. 5           High/date         726.88 May 12           Average         598.53           Handy and Harman:         2005, average           May         673.97           June         596.15           July         634.89           Year to date         596.69           London Final:         2005, average         444.88           2006:         444.88           2006:         596.15           June         596.15           June         596.15           July         633.71	July:	_	
Average     636.62       Year to date:     526.29 Jan. 5       High/date     726.88 May 12       Average     598.53       Handy and Harman:     2005, average       2006:     444.79       June     596.15       July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     444.88       June     596.15       June     596.15       June     596.15       July     633.71	Low/date	607.38/24	
Year to date:         Low/date       526.29 Jan. 5         High/date       726.88 May 12         Average       598.53         Handy and Harman:       2005, average         2006:       444.79         June       596.15         July       634.89         Year to date       596.69         London Final:       2005, average       444.88         2006:       444.88         June       596.15         June       596.15         July       633.71	High/date	665.03/14	
Low/date     526.29 Jan. 5       High/date     726.88 May 12       Average     598.53       Handy and Harman:     2005, average       2006:     444.79       June     596.15       July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     444.88       June     596.15       June     596.15       July     633.71	Average	636.62	
High/date     726.88 May 12       Average     598.53       Handy and Harman:     2005, average       2006:     444.79       May     673.97       June     596.15       July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     444.88       June     596.15       June     596.15       July     633.71	Year to date:		
Average 598.53  Handy and Harman:  2005, average 444.79  2006:  May 673.97  June 596.15  July 634.89  Year to date 596.69  London Final:  2005, average 444.88  2006:  May 675.39  June 596.15  July 633.71	Low/date	526.29 Jan. 5	
Handy and Harman:  2005, average 444.79  2006:  May 673.97  June 596.15  July 634.89  Year to date 596.69  London Final:  2005, average 444.88  2006:  May 675.39  June 596.15  July 633.71	High/date	726.88 May 12	
2005, average     444.79       2006:     ————————————————————————————————————	Average	598.53	
2006:     673.97       June     596.15       July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     675.39       June     596.15       July     633.71	Handy and Harman:	<u></u>	
May     673.97       June     596.15       July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     596.15       June     596.15       July     633.71	2005, average	444.79	
June     596.15       July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     May       June     596.15       July     633.71	2006:	_	
July     634.89       Year to date     596.69       London Final:     2005, average       2006:     444.88       2006:     596.15       June     596.15       July     633.71	May	673.97	
Year to date 596.69  London Final:  2005, average 444.88  2006:  May 675.39  June 596.15  July 633.71	June	596.15	
London Final:       2005, average     444.88       2006:       May     675.39       June     596.15       July     633.71	July	634.89	
2005, average     444.88       2006:     May       June     596.15       July     633.71	Year to date	596.69	
2006:       May     675.39       June     596.15       July     633.71	London Final:		
May         675.39           June         596.15           July         633.71	2005, average	444.88	
June         596.15           July         633.71	2006:		
July 633.71	May	675.39	
	June	596.15	
Year to date 596.83	July	633.71	
	Year to date	596.83	

Source: Platts Metals Week.

 $\label{eq:table 3} \textbf{U.S. IMPORTS AND EXPORTS OF GOLD}^1$ 

(Kilograms of gold content, unless otherwise specified)

Period and country	Ores and concentrates <sup>2</sup>	Doré and precipitates	Refined bullion <sup>3</sup>	Total <sup>4</sup>	Waste and scrap (gross weight)	Metal powder (gross weight)	Gold compounds (gross weight)
Imports for consumption:	concentrates	precipitates	Dullion	Total	(gross weight)	(gross weight)	(gross weight)
2005	1,630	234,000	105,000	341,000	27,300	1,990	29,500
2006:	- 1,030	254,000	105,000	541,000	27,300	1,,,,0	27,500
April	- 1	11,300	10,600	21,900	4,010	167	8,310
May	139	11,000	12,400	23,500	4,520	42	9,050
June:	137	11,000	12,400	23,300	4,520	72	7,030
Brazil			202	202			
Canada	373		5,180	5,550	142 5	6 5	
Chile		2,050	500	2,550			
Colombia		228	333	560	1,780		
Costa Rica		33		33	147 5		
Dominican Republic	- 				584 <sup>5</sup>	148 5	
Germany	- -					2 5	229 5
Guatemala	-	1,240 5		1,240			22)
Honduras	-	536		536	111 5		
Israel	<u>.                                    </u>					107 5	
Japan	-						379 <sup>5</sup>
Mexico	-	138 5	3,810	3,950	861 5	4 5	319
Nicaragua	 	194	2,810	196	31 5		
Peru	 -	4,400		4,400			
	=	4,400 34 <sup>5</sup>			169 <sup>5</sup>	1 5	
Other Total	374		160	195 19,400		267	608
	-	8,850	10,200		3,830 23,600		
Year to date	528	71,500	67,900	140,000	25,000	705	22,900
Exports: 2005	1 200	141,000	182,000	324,000	563,000	687	1,310,000
2006:	1,380	141,000	182,000	324,000	303,000	087	1,310,000
	- 45	14,000	9.250	22.200	62 700	2	122 000
April	- 45 47	14,000	8,250	22,200	63,700	3 78	122,000
May	- 47	9,740	19,000	28,800	102,000	78	123,000
June:	_		20	20	12 400		53,400 <sup>5</sup>
Canada			20	20	13,400		55,400 <sup>5</sup>
China							7,190 <sup>5</sup>
Dominican Republic	_ 26			26	7.100		7,190 <sup>5</sup> 892 <sup>5</sup>
Germany			24	24	7,180		
Hong Kong					1,670		3,560 <sup>5</sup>
Ireland	- 7			7			374 <sup>5</sup>
Israel							4,170 <sup>5</sup> 161 <sup>5</sup>
Korea, Republic of	 -						
Malaysia			10	10	3		3,090 5
Mexico			839	869		(6)	898 5
Singapore						(6)	34,300 <sup>5</sup>
Switzerland		12,100	819	12,900			
Taiwan							6,260 5
United Kingdom	2 5		20,500	20,500	21,500	1	869 <sup>5</sup>
Other	2		75	77	100	36	
Total	66	12,100	22,300	34,500	43,900	38	116,000
Year to date	1,670	68,900	103,000	174,000	327,000	217	671,000

<sup>--</sup> Zero.

Source: U.S. Census Bureau.

 $<sup>^{1}\</sup>mathrm{Data}$  are rounded to no more than three significant digits; may not add to totals shown.

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

<sup>&</sup>lt;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>&</sup>lt;sup>4</sup>"Waste and scrap," "Metal powder," and "Gold compounds" not included in "Total."

<sup>&</sup>lt;sup>5</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

<sup>&</sup>lt;sup>6</sup>Less than ½ unit.