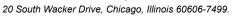
#### **METALS OPTIONS PRODUCTS**

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.







64

PG64 BULLETIN # 19@

METALS OPTION PRODUCTS

Mon, Jan 30, 2023 PG64

THE CME GROUP DAILY BULLETIN ONLY DISPLAYS THOSE PRODUCTS/CONTRACT MONTHS THAT HAVE VOLUME AND/OR OPEN INTEREST. VOLUME INCLUDES GLOBEX OPEN OUTCRY (TRADING FLOOR) AND PRIVATELY NEGOTIATED TRANSACTIONS (PNT) THAT INCLUDE CME CLEARPORT ACTIVITY. VOLUME OR OPEN INTEREST CHAN AND AFTER THE LAST DAY OF TRADING) MAY BE AFFECTED BY: PRIVATELY NEGOTIATED TRANSACTIONS, PRIOR DAY CLEARED TRADES, POSITION ADJUSTMENTS, CASH SETTLEMENTS, OPTION EXERCISES OR ASSIGNMENTS.

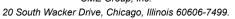
PRICE INDICATOR KEY
R= RECORD VOLUME OR OPEN INTEREST, B= BID, A=ASK, P= POST SETTLEMENT SESSION,N= NOMINAL CLOSE, WHICH DESIGNATES THAT THE CONTRACT DID NOT TRADE DURIN THE RTH SESSION AND NO BETTER BID OR BETTER OFFER OCCURRED DURING THE RTH CLOSING RANGE TIME PERIOD. IN ALL INSTANCES, THE NOMINAL PRICE IS THE PREVIOU DAY'S SETTLEMENT PRICE.

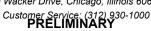
							ONTRACTS									
EXPIRATION:	: JAN23	JAN23		B23	MAR23 02/23	APR23 03/28	MAY23	JUN23	JUL23	AUG23	SEP	23 OC	T23 N	OV23	DEC23	
ECGC OOF ECHG OOF ECSI OOF	04 (20	01/27 01/27 01/27	01/30 01/30 01/30	. /a=												
GMW MON GWW WED HMW MON	01/30 01/30		02 02 02	/27 /22 /27 /21 /22												
HRO OPT HWW WED HX CALL	, , , ,		02 02	/21 /22	03/28	04/25	05/30	06/27	07/25 06/27	08/29 07/26				1/28 0/26	12/26 11/27	
HX PUT HXE CALL	01/27 01/27		02	/17 /17	02/23 02/23	03/28 03/28	04/25 04/25	05/25 05/25	06/27	07/26	08/	28 09	/26 1	0/26	11/27	
HXE PUT OG CALL OG PUT	01/27				02/23 02/23	03/28 03/28	04/25 04/25	05/25 05/25	06/27 06/27	07/26 07/26	08/ 08/	28 09 28 09	/26 10 /26 10	0/26 0/26	11/27 11/27	
OG1 CALL OG1 PUT OG2 CALL			02 02 02	/03 2/03 2/10 2/10												
OG2 PUT OG3 CALL OG3 PUT			02 02	/10 1/17 1/17												
OG4 CALL OG4 PUT	01/27 01/27			2/24	02/15			05 /17								
PAO CALL PAO PUT PO CALL					02/15 02/15 02/15	03/15 03/15 03/15		05/17 05/17	06/21 06/21		08/	16 09	/20			
PO PUT SMW MON SO CALL	01/30		02	2/27			04/19 04/25	05/25			08/	28			11/27	
SO PUT SO1 CALL			02	2/03	02/23 02/23	03/28 03/28	04/25 04/25	05/25 05/25	06/27 06/27		08/ 08/	28			11/27 11/27	
SO1 PUT SO2 CALL SO2 PUT			02 02 02	/03 !/10 !/10												
SO3 CALL SO3 PUT SO4 CALL	01/27		02 02 02	/17 1/17 1/24												
SO4 PUT SWW WED	01/27 01/27			2/22												
					GC	OLD OPTIO	NS ON FUT	URES								
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW		OUTCRY H/LOW	(	OPEN OUTO			PRICE CHGE.	DELTA	EXER	OPEN OUTCRY	GL0BEX <sup>©</sup>	PNT		OPEN
OG4 PUT	GOLD OPTIONS										CISES	VOLUME	VOLUME	VOLUM	IE I	NTEREST
JAN23 1875 1885								0.00	UNCH UNCH							0 UNCH
1890 1905 1910								0.00 0.00 0.00	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1915 1920 1925								0.00 0.00 0.00	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1930 1935 1940								0.00 0.00 0.00	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1945 1950 1955								0.00 4.40 9.40	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1960 1965 1970								14.40 19.40 24.40	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1975 1980 TOTAL								29.40 34.40	UNCH							0 UNCH 0 UNCH ) 0
FEB23 1745 0.30	0.30 1.30	#0.30/*0. #1.30/*1.		/*0.30 /*1.30				0.40 1.20	NEW NEW	.0110			2 1			+ 2 + 1
TOTAL GLOBEX	OPEN OUTCRY	GLOBEX	,	OUTCR)		OPEN OUT	CDV		PRICE	.0337		OPEN	3			3+ 3
OPEN	OPEN RANGE	HIGH/LOW		H/LOW		CLOSE RAI		& PT.		DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX <sup>©</sup> VOLUME	PNT VOLUM	IE I	OPEN NTEREST
OG4 CALL JAN23 1795	GOLD OPTIONS							150.60	UNCH							0 UNCH
1800 1805 1815								145.60 140.60 130.60	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1820 1840 1845								125.60 105.60 100.60	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1850 1870 1880								95.60 75.60 65.60	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1885 1890 1895								60.60 55.60 50.60	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1900 1905								45.60 40.60	UNCH UNCH							0 UNCH 0 UNCH
1910 1915 1920								35.60 30.60 25.60	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1925 1930								20.60 15.60	UNCH UNCH							0 UNCH 0 UNCH
1935 1940 1945								10.60 5.60 0.60	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1950 1955								0.00	UNCH UNCH							0 UNCH 0 UNCH
1960 1965 1970								0.00 0.00 0.00	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
1975 1980								0.00	UNCH UNCH							0 UNCH 0 UNCH
1985 1990 1995								0.00 0.00 0.00	UNCH UNCH UNCH							0 UNCH 0 UNCH 0 UNCH
2000 TOTAL								0.00	UNCH							0 UNCH
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW		OUTCRY H/LOW	(	OPEN OUTO		SETT. & PT.	PRICE CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX <sup>©</sup> VOLUME	PNT VOLUM	IE I	OPEN NTEREST
OG3 PUT	GOLD OPTIONS															

#### **METALS OPTIONS PRODUCTS**

 $\textbf{2023 DAILY INFORMATION BULLETIN -} \ \text{http://www.cmegroup.com/dailybulletin}$ 





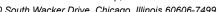


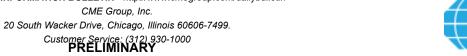


PG64 BULLETIN # 19@ METALS OPTION PRODUCTS Jan 30, 2023 PG64 Mon, OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA EXER CISES GLOBEX® VOLUME OPEN INTEREST PNT VOLUME 1745 1750 1755 1760 1765 1770 1790 1815 1820 1825 1830 1845 1840 1845 1855 1860 1865 1870  $\begin{array}{c} 0.30\\ 0.30\\ 0.40\\$ .0083 .0085 .0087 .0113 .0118 .0118 .0182 .0369 .0369 .04629 .0714 .0629 .0714 .0629 .0714 .080 .0800 .0909 .0009 .0000 2 9 13 11 5 16 2 1 1 6 9 9 2 ----/0.30A ----/0.30A -/0.30A -/0.30A ---/0.30A
----/\*0.60A
----/\*0.90A
----/\*1.00A
----/\*1.1.00A
---/\*1.20A
1.70B/1.40A
1.70B/1.40A
2.20B/1.80A
2.60B/2.00A
3.00B/\*2.30A
3.50B/2.70A
4.60B/3.10A
4.60B/3.50A
5.30B/4.60A
5.10B/4.60A
5.90B/5.30A
0.10B/7.80A
1.50B/8.80A
2.90B/10.00A
4.60B/11.20A
3.30B/14.10A
3.30B/14.10A
3.30B/12.60A
3.30B/12.60A
3.30B/12.60A
3.70B/71.60A
3.70B/71.60A /0.60A /\*0.90A /\*1.00A /\*1.20A B/1.40A 3/1.60A 3/1.60A 3/1.60A 3/2.00A /\*2.30A /2.70A /3.10A /3.50A /4.00A /4.60A 5.30A 6.90A /8.80A /10.00A 11.20A 12.60A 12.60A 12.60A 12.60A 13.10A 13.10A 13.10A 13.10A 14.60A 15.80A 10.00A 11.20A 12.60A 12.60A 13.80A 14.00A 15.80A 16.60A 17.80A 17.80A 18.80A 19.60A 11.80A 11.80A 11.80A 11.80A 12.60A 13.80A 13.80A 13.80A 1.708/1.4 1.908/1.4 2.908/1.8 2.608/2.6 3.508/2.4 4.008/3.4 4.008/3.4 6.108/4.6 6.108/4.6 9.008/6.9 9.008/6.9 10.108/7.1 11.508/8 12.908/1 14.608/1 16.308/1 16.308/2 7.708/2 30.408/3 30.408/3 30.408/4 46.508/4 1 ----11 ----1 2.80 2.80 2 10 5 1 3 9 7 141 10 5 18 215 59 3 92 8 17 10 28 87 21 21 6.10 6.80 8.40 11.30 11.00 13.00 14.90 15.50 17.40 8.40 11.30 11.00 13.00 14.90 15.50 17.40 UNCH 1 4 27 ----25.60 25.60 129 924+ TOTAL OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA GLOBEX® VOLUME OPEN INTEREST GOLD OPTIONS OG3 CALL FEB23 77.80B/67.30A
69.20B/59.10A
36.20B/28.70A
38.80B/26.10A
28.30B/21.50A
25.80B/19.40A
21.30B/17.50A
21.30B/15.80A
19.30B/14.20A
17.50B/\*11.40A
17.50B/\*11.40A
17.50B/\*2.70A
11.40B/\*8.20A
10.20B/\*7.30A
9.10B/\*6.50A
8.20B/\*5.80A
7.30B/\*5.20A
6.50B/\*4.60A
5.80B/\*4.10A 77.80B/67.69.20B/59.36.20B/28.33.80B/26.28.30B/21.25.80B/19.23.50B/17.1.30B/15.19.30B/14.17.50B/\*12.70B/\*0.12.70B/\*0 57. 30A 59.10A 28.70A 26.10A 21.50A 17.50A 17.50A 15.80A \*10.20A \*10.20A \*8.20A \*8.20A \*7.30A \*6.50A \*5.20A \*4.60A \*4.60A \*4.7.30A .8506.8 8116.8 .5332.4 .4370.4 .4688.4 .4370.4 .458.3 .3465.3 .3181.2 .214.8 .2208.8 .2426.8 .2426.8 .2426.1 .1807.1 .1084.1 .1084.1 .0977.1 .0891.1 .0891.0 .0586.0 .0529.0 .0586.0 .0324.0 .0326.0 . 69.50 (61.20)
30.10 (10.27.40)
30.10 (10.27.40)
40.11 (10.27.40)
40.11 (10.27.40)
40.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10.27.40)
50.11 (10 1 2 10 23.90 22.00 23.90 22.00 13 11 1 ----26 1 6.20 6.20 16 ----1 2 ----1 2 ----1 2 7.30b/\*3.20h
6.50B/\*4.60h
5.80B/\*4.10h
5.80B/\*4.10h
6.20B/\*3.70h
---/\*3.30h
4.20B/\*3.00h
---/\*2.70h
---/\*2.40h
---/\*2.20h
---/\*1.80h
---/\*1.10h
---/\*1.00h
---/\*1.00h
---/\*0.80h
---/\*0.60h
---/\*0.50h 5.208/\*3.70/
---/\*3.30A
4.208/\*3.00/
---/\*2.70A
---/\*2.40A
---/\*2.20A
---/\*1.80A
---/\*1.10A
---/\*1.00A
---/\*1.00A
---/\*0.60A
---/\*0.50A 11 4 27 9 2 7 1 2 1 22 2 4 3 NEW .30 .30 .20 .20 .20 485+ 89 OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE DELTA OPEN INTEREST OG2 PUT FEB23 GOLD OPTIONS 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.20 0.20 0.20 0.30 0.30 0.30 0.30 0.30 0.30 0.40 0.50 0.50 0.70 .00024 .0011 .0014 .0019 .0025 .0063 .0065 .0067 .0100 .0104 .0107 .0146 .0217 .0217 .0255 .0294 .0336 .0407 .0481 .0417 .0481 .0558 .0497 .0481 .0497 .0481 .0497 .0481 .0497 .0481 .0497 .0481 .0497 5 ----6 ----13 ----20 0.10 0.10 0.10/\*0.10 0.10/\*0.10 0.20 0.20 0.20/0.20 0.20/0.20 ----/0.40A 0.40 0.40 1.00 1.00 1 2 10 1.70 2.40 1 6 501 2 253 8.90 8.90 182 6 10 104 15 1 1138 2301+ TOTAL

## **METALS OPTIONS PRODUCTS**

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





Side 03

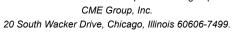
PG64 BULLET	IN # 19@			METALS OPTION	PRODUCTS				Mon,	Jan 30,	, 2023 PG64
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG2 CALL FEB23 1820	GOLD OPTIONS 72.00 31.50 24.90 22.10 20.10 17.50	128.60B/117.30A 80.10B/69.10A 70.70B/60.10A 73.30B/43.40A 49.10B/39.60A 45.10B/35.90A 41.30B/32.50A 34.10B/26.10A 30.80B/23.30A 22.70B/20.70A 25.40B/18.30A 22.70B/16.10A 20.20B/14.10A 17.90B/12.30A 15.80B/0.70A 13.90B/9.30A 12.20B/*8.00A 10.60B/*6.90A 9.30B/*6.90A 9.30B/*6.10A 8.10B/*5.20A 7.00B/*4.50A 6.00B/*5.20A 7.00B/*4.50A 6.00B/*5.20A 7.00B/*4.50A 6.00B/*5.20A 7.00B/*1.10A 1.30/*1.10A 1.30/*1.10A 1.30/*1.10A 1.30/*1.10A 1.30/*1.10A 1.30/*1.10A 1.30/*0.60A 0.70/*0.60A 0.70/*0.60A 0.70/*0.60A 0.70/*0.60A 0.70/*0.60A 0.70/*0.40A 0.30/*0.40 0.30/*0.40 0.30/*0.40 0.30/*0.40 0.30/*0.40 0.30A 1.30/*0.30A 1.30A	128.608/117.30A 80.108/69.10A 70.708/60.10A 73.308/43.40A 49.108/39.60A 49.108/39.60A 45.108/35.90A 41.308/32.50A 34.108/26.10A 30.808/23.30A 27.908/20.70A 25.408/18.30A 22.708/16.10A 20.208/14.10A 17.908/12.30A 15.808/10.70A 13.908/9.30A 10.608/*6.90A 9.308/*6.00A 8.108/*6.00A 8.108/*5.20A 7.00B/*4.50A 6.008/*3.90A 5.208/*3.30A 4.508/*2.20A 7.008/*1.10A/*1.60A/*1.30A 1.30/*1.10A/*1.00A/*0.60A 0.60/*0.60/*0.60A 0.70/*0.60A 0.40/*0.40 0.30/*0.40 0.30/*0.40 0.30/*0.40 0.30/*0.30A/*0.30A/*0.30A/*0.30A/*0.30A/*0.30A/*0.30A/*0.30A/*0.30A		119.50 - 6.40 71.30 NEW 62.30 - 6.40 45.50 - 6.00 41.60 - 5.80 37.80 - 5.80 34.20 - 5.60 27.70 NEW 24.70 - 5.00 17.10 - 4.30 15.00 - 4.30 15.00 - 4.00 13.10 - 3.70 11.40 - 3.50 9.90 - 3.20 8.60 - 2.20 4.70 - 2.20 4.70 - 2.00 6.40 - 2.40 5.50 - 2.20 4.70 - 2.00 6.40 - 2.10 6.40 - 2.10 6.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 2.00 7.40 - 0.50 7.40 - 0.	.9853 .9199 .8873 .7950 .7653 .7324 .6979 .6220 .5815 .3376 .33376 .3018 .2374 .2374 .2094 .1836 .1600 .1407 .1220 .1057 .0921 .0813 .0709 .0608 .0464 .0421 .0316 .0273 .0293 .0175 .0170 .0134 .0102 .0102 .0105 .0102 .0105 .0106 .0061 .0061 .0061 .0061	CISES	VOLUME	VOLUME  1 3 2 15 6 110 1 2 1 7 7 28 1 1 28 1 1	VOLUME	147 UNCH 1 + 1 1 + 1 1
2145 2160 TOTAL		/*0.20A 	/*0.20A 		0.10 - 0.20 0.10 - 0.10	.0017			197		2 UNCH 50 UNCH 1486+ 174
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG1 PUT FEB23 1690 1705 1710 1715 17170 1720 1730 1730 1740 1755 1755 1755 1755 1755 1750 1755 1750 1755 1750 1755 1750 1760 1775 1780 1785 1880 1880 1880 1880 1890 1815 1825 1830 1840 0.20 1845 0.20 1845 0.20 1855 0.20 1855 0.20 1850 0.20 1855 0.20 1850 0.20 1855 0.20 1850 0.20 1855 0.20 1850 0.20 1855 0.20 1850 0.40 1855 1.50 1890 1.80 1990 1.80 1990 1.80 1990 1.90 1995 20.80 1990 1995 20.80 1990 1995 1995 1.30 1985 45.70 1990 2010	GOLD OPTIONS				0.10 UNCH 0.10 U						40 UNCH 2 UNCH 12 UNCH 14 UNCH 16 UNCH 9 UNCH 11 UNCH 24 UNCH 11 UNCH 25 UNCH 11 UNCH 26 UNCH 21 UNCH 21 UNCH 21 UNCH 21 UNCH 21 UNCH 22 UNCH 14 UNCH 16 UNCH 17 UNCH 18 UNCH 18 UNCH 19 UNCH 19 UNCH 10 UNCH 11 UNCH 21 UNCH 11 UNCH 22 - 3 36 UNCH 11 UNCH 22 - 3 36 UNCH 11 UNCH 21 UNCH 22 - 3 36 UNCH 11 UNCH 21 UNCH 22 - 3 36 UNCH 11 UNCH 22 - 3 37 UNCH 11 UNCH 249 - 28 47 UNCH 11 UNCH 11 UNCH 11 UNCH 12 UNCH 13 + 12 22 + 1
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG1 CALL FEB23 1790 1810 1815 1865 1875 1885 1890 1990 1910 1910 1920 1925 23.70 THE INFORMATION	GOLD OPTIONS	158.20B/147.00A 138.20B/127.00A 133.20B/122.10A 83.80B/72.50A 74.10B/62.60A 64.50B/53.30A 59.80B/48.70A 55.20B/44.30A 50.80B/40.10A 46.40B/35.90A 42.10B/35.90A 42.10B/32.00A 33.90B/24.70A 30.10B/21.50A	158.208/147.00A 138.208/127.00A 133.208/122.10A 83.808/72.50A 74.108/62.60A 64.508/53.30A 59.808/48.70A 55.208/44.30A 50.808/40.10A 46.408/35.90A 42.108/32.00A 33.908/28.20A 33.908/28.20A	       NIENCE OF THE USE	149.30 - 6.30 129.30 - 6.30 124.30 - 6.30 74.70 - 6.50 65.10 - 6.50 55.70 NEW 51.10 - 6.50 46.60 - 6.50 42.30 - 6.40 38.00 - 6.40 34.00 - 6.20 30.10 - 6.10 26.50 - 5.90 23.10 - 5.70	1.0000 1.0000 1.0000 .9812 .9649 .9397 .9228 .9018 .8742 .8429 .8077 .7667 .7190 .6672	        SPONSIBI	LLITY FOR	13  5  5  6		6 UNCH 58 UNCH 101 - 1 2 - 1 17 UNCH 55 + 5 1 UNCH 4 UNCH 4 UNCH 6 UNCH 10 UNCH 9 UNCH 53 + 1 ENT. IT

## **METALS OPTIONS PRODUCTS**

Side 04

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin







Customer Service:	(312) 930-1000
PRFI IMII	NARY

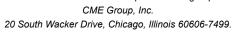
PG64 BULLET	IN # 19@			METALS OPTION F					Mon,	Jan 30,	2023 PG64
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME		PNT VOLUME	OPEN INTEREST
OG1 CALL FEE23 1930 23.50 1940 15.50 1940 15.30 1945 17.20 1950 13.50 1955 10.30 1960 10.10 1965 7.90 1970 6.70 1975 4.90 1980 5.50 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1985 4.10 1990 2.80 1000 2.10 2005 0.50 2005 0.30 2035 0.20 2040 2045 0.20 2050 0.30 2035 0.20 2040 0.20 2050 0.30 2035 0.20 2040 0.20 2055 0.20 2060 0.20 2065 2070 2070 2075 2080 0.10 2085 0.10 2095 2100 2110 0.10 2120 2130 2140 2145 TOTAL	GOLD OPTIONS  23.50 19.50 15.30 17.20 13.50 10.10 7.90 6.70 4.90 5.50 4.10 2.80 2.10 1.40 1.60 0.80 0.40 0.50 0.30 0.20 0.20 0.30 0.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10	26.50B/18.50A 23.40B/15.80A 21.00B/13.40A 18.20B/11.20A 15.60B/9.30A 13.30B/*7.70A 11.40B/*6.30A 9.60B/*5.20A 8.00B/*4.20A 6.70B/*3.40A 5.50/*2.70 4.60B/*2.20 3.70B/*1.50A 2.50B/*1.50A 2.50B/*1.50A 2.50B/*1.80A 0.80/*0.60A 0.40/*0.40 0.50/*0.40 0.30/*0.20 0.20/*0.20 0.20/*0.20 0.20/*0.20 0.20/*0.20 0.20/*0.10 0.20/*0.10 0.20/*0.10 0.20/*0.10 0.20/*0.10 0.20/*0.10	26.50B/18.50A 23.40B/15.80A 23.40B/15.80A 21.00B/13.40A 18.20B/11.20A 15.60B/9.30A 13.30B/*7.70A 11.40B/*6.30A 9.60B/*5.20A 8.00B/*4.20A 6.70B/*3.40A 5.50/*2.70 4.60B/*2.20 3.70B/*1.80A 2.50B/*1.50A 2.50B/*1.20A 1.40/*1.00A 1.70B/*0.80A 0.80/*0.40 0.50/*0.40 0.50/*0.40 0.30/*0.20 0.20/*0.20 0.20/*0.20 0.20/*0.20 0.20/*0.10/*0.10A 0.10/*0.10 0.10/*0.10 0.10/*0.10 0.10/*0.10 0.10/*0.10 0.10/*0.10 0.10/*0.10		19.90 - 5.50 17.00 - 5.30 14.50 - 4.90 12.20 - 4.60 10.20 - 4.20 8.40 - 3.90 6.90 - 3.60 5.70 - 3.10 4.60 - 2.80 3.70 - 2.50 3.00 - 2.20 2.40 - 1.90 1.90 - 1.70 1.60 - 1.40 1.20 - 1.30 1.00 - 1.10 0.80 - 0.90 0.60 - 0.90 0.60 - 0.90 0.50 - 0.70 0.40 - 0.60 0.20 - 0.50 0.20 - 0.50 0.20 - 0.40 0.10 - 0.30 0.10 - 0.30 0.10 - 0.30 0.10 - 0.20 0.10 - 0.20 0.10 - 0.10 0.10 - 0.10 0.10 - 0.10 0.10 UNCH	.6121 .5536 .4938 .4345 .3771 .22719 .22719 .2279 .0841 .0480 .0389 .0389 .0389 .0385 .0182 .0141 .0010 .0006 .0001 .0001 .0000 .0000 .0000 .0000 .0000 .0000			1 10 154 161 177 34 11 220 304 38 38 39 17  31 31 31 31 24 25 23 21 21 21 21 21 25 25 20 39 21 21 21 21 21 21 21 21 21 21 21 21 21		136 UNCH 44 + 7 236 + 66 1105 + 159 52 + 21 108 UNCH 242 + 194 160 + 102 174 + 34 69 + 16 70 - 8 135 + 6 31 UNCH 1036 - 1 1355 + 12 108 + 1 27 + 14 113 + 5 164 + 11 32 - 1 253 + 239 87 + 12 278 + 2 278 + 2 278 + 2 278 + 2 278 + 12 278 +
GLOBEX OPEN OG PUT	OPEN OUTCRY OPEN RANGE  COMEX GOLD OPTI	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
MAR23   1000		0.10/0.10			0.10 UNCH 0.10 U						17 UNCH 26 UNCH 10 UNCH 21 UNCH 27 UNCH 7730 UNCH 7730 UNCH 130 UNCH 2133 UNCH 2133 UNCH 2133 UNCH 2133 UNCH 2133 UNCH 2133 UNCH 2132 UNCH 46 UNCH 11 UNCH 46 UNCH 110 UNCH 131 UNCH 47 UNCH 132 UNCH 48 UNCH 134 UNCH 49 UNCH 154 - 5 430 UNCH 155 UNCH 68 UNCH 179 UNCH 165 UNCH 1727 - 4 30 UNCH 1727 - 4 30 UNCH 1727 UNCH 161 UNCH 1620 UNCH 1727 UNCH 163 UNCH 1727 UNCH 164 UNCH 165 UNCH 1727 UNCH 166 UNCH 167 UNCH 168 - 1 177 UNCH 168 - 1 177 UNCH 169 UNCH 161 UNCH 16293 - 1 177 UNCH 166 UNCH 167 UNCH 168 - 1 177 UNCH 168 - 1 177 UNCH 169 - 1 170 UNCH 160 UNCH 161 UNCH 16293 - 1 171 UNCH 161 UNCH 16293 - 1 171 UNCH 164 - 1 174 UNCH 165 - 1 175 UNCH 166 - 1 176 UNCH 167 UNCH 168 - 1 177 UNCH 178 - 1 179 - 6 179 UNCH 179 UNCH 179 - 6 179 UNCH 179 UNCH 179 UNCH 179 - 6 179 UNCH 170 UNCH 17

## **METALS OPTIONS PRODUCTS**

Side 05

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



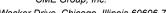




PG64	BULLET	IN # 19@			METALS OPTION	PRODUCTS				Mon,	Jan 30,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG PU MAR23	т	COMEX GOLD OPT	IONS					CISES	VOLUME	VOLUME	VOLUME	INTEREST
1770 1775 1780			/0.50A  /*0.60A	/0.50A  /*0.60A		0.60 UNCH 0.70 + 0.10 0.70 UNCH	.0169 .0196 .0201			21 8 		489 - 19 1342 UNCH 90 - 2
1785 1790 1795	0.70  1.00	0.70  1.00	0.80/0.70 0.90B/ 1.00/1.00	0.80/0.70 0.90B/ 1.00/1.00		0.80 UNCH 0.80 UNCH 0.90 UNCH	.0228 .0235 .0264			5  1		218 - 2 126 UNCH 75 UNCH
1800 1805 1810	0.90	0.90	1.10/0.90 1.30B/1.10A 1.50B/1.20A	1.10/0.90 1.30B/1.10A 1.50B/1.20A		1.10 UNCH 1.20 UNCH 1.40 UNCH	.0315 .0345 .0398			32  143		6201 - 9 80 UNCH 1295 - 103
1815 1820 1825	1.50 1.80	1.50 1.80	1.70B/1.40A 1.90B/1.60 2.20B/1.80A	1.70B/1.40A 1.90B/1.60 2.20B/1.80A		1.50 - 0.10 1.80 UNCH 2.00 UNCH	.0431 .0505 .0561			3 23 1		405 - 13 468 - 5 595 - 1
1830 1835 1840	2.80 3.20	2.80 3.20	2.50B/2.00A 2.80/2.30A 3.20/2.60A 3.70B/2.90A	2.50B/2.00A 2.80/2.30A 3.20/2.60A		2.20 - 0.10 2.50 - 0.10 2.90 UNCH	.0618 .0696 .0793			24 5 2		374 - 3 166 UNCH 352 - 7
1845 1850 1855	3.50 3.50 4.50	3.50 3.50 4.50	3.70B/2.90A 4.20B/3.30 4.80B/3.80A	3.70B/2.90A 4.20B/3.30 4.80B/3.80A		3.30 UNCH 3.70 - 0.10 4.20 - 0.10	.0892 .0992 .1111			11 273 2		144 + 1 2725 + 11 469 UNCH
1860 1865 1870	4.40 4.90 6.20	4.40 4.90 6.20	5.40B/4.20A 6.10B/4.70 6.90B/5.40A	5.40B/4.20A 6.10B/4.70 6.90B/5.40A		4.80 UNCH 5.50 + 0.10 6.20 + 0.10	.1247 .1399 .1553			4 46 6		261 - 4 239 + 38 926 + 4
1875 1880 1885	7.70 8.10 8.40	7.70 8.10 8.40	7.80B/6.10A 8.80B/6.90A 9.90B/7.60A	7.80B/6.10A 8.80B/6.90A 9.90B/7.60A		7.00 + 0.10 7.90 + 0.20 8.90 + 0.30	.1723 .1906 .2104			468 64 6		3657 - 322 446 + 44 1080 + 3
1890 1895 1900	9.50 9.70 11.90	9.50 9.70 11.90	11.10B/8.60A 12.40B/9.60A 13.90B/10.70A	11.10B/8.60A 12.40B/9.60A 13.90B/10.70A		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	.2314 .2536 .2769			8 41 84		98 - 4 205 + 9 2810 + 34
1905 1910 1915	16.00	 16.00	15.50B/11.90A 17.20B/13.30A 19.10B/14.80A	15.50B/11.90A 17.20B/13.30A 19.10B/14.80A		14.00 + 0.70 $15.70 + 0.90$ $17.40 + 1.00$	.3019 .3283 .3548			26 632 3	275 	344 + 15 872 + 537 218 - 3
1920 1925 1930	19.20 20.30	19.20 20.30	21.10B/16.50A 23.20B/18.20A 25.50B/20.20A	21.10B/16.50A 23.20B/18.20A 25.50B/20.20A		19.30 + 1.10 $21.40 + 1.30$ $23.60 + 1.50$	.3824 .4108 .4394			366 56 19	50 500	615 + 274 996 + 303 187 - 9
1935 1940 1945	26.80 29.80 31.50	26.80 29.80 31.50	27.90B/22.20A 30.50B/24.40A 33.30B/26.80A	27.90B/22.20A 30.50B/24.40A 33.30B/26.80A		25.90 + 1.60 28.40 + 1.70 31.10 + 1.90	.4682 .4972 .5261			52 56 19		200 + 26 374 - 21 203 + 19
1950 1955 1960	31.00 35.10 37.30	31.00 35.10 37.30	36.10B/29.30A 39.20B/32.10A 42.30B/34.90A	36.10B/29.30A 39.20B/32.10A 42.30B/34.90A		33.90 + 2.10 36.80 + 2.30 40.00 + 2.60	.5546 .5826 .6100			40 6 3		352 + 9 95 - 5 30 UNCH
1965 1970 1975			45.60B/37.90A 49.10B/41.50A 52.70B/44.70A	45.60B/37.90A 49.10B/41.50A 52.70B/44.70A		43.30 + 2.90 46.70 + 3.10 50.10 + 3.10	.6363 .6619 .6866			1 		39 UNCH 35 - 1 131 UNCH
1980 1985 1990			56.30B/48.30A 60.10B/51.70A 64.00B/55.50A	56.30B/48.30A 60.10B/51.70A 64.00B/55.50A		53.80 + 3.40 57.60 + 3.60 61.40 + 3.70	.7096 .7315 .7521					16 UNCH 20 UNCH 19 UNCH
1995 2000 2005			68.00B/59.10A 72.10B/63.00A 76.30B/66.90A	68.00B/59.10A 72.10B/63.00A 76.30B/66.90A		65.40 + 4.00 69.50 + 4.20 73.60 + 4.30	.7715 .7896 .8074			4 		23 UNCH 119 UNCH 22 UNCH
2010 2015 2020	85.80	 85.80	80.50B/71.00A 84.80B/75.20A 89.20B/79.40A	80.50B/71.00A 84.80B/75.20A 89.20B/79.40A		77.80 + 4.50 82.10 + 4.60 86.50 + 4.80	.8238 .8388 .8522			 1		19 UNCH 13 UNCH 11 + 1
2025 2030 2040			93.70B/83.60A 98.20B/87.90A 107.30B/96.70A	93.70B/83.60A 98.20B/87.90A 107.30B/96.70A		91.00 + 5.00 95.50 + 5.10 104.60 + 5.30	.8639 .8754 .8962					25 UNCH 3 UNCH 7 UNCH
2045 2050 2055			112.00B/101.20A 116.60B/105.80A 121.10B/110.50A	116.60B/105.80A 121.10B/110.50A		109.20 + 5.40 113.80 + 5.40 118.50 + 5.50	.9057 .9132 .9207					5 UNCH 54 UNCH 12 UNCH
2060 2075 2080			125.80B/115.10A 140.40B/129.30A 145.10B/134.00A	140.40B/129.30A 145.10B/134.00A		123.30 + 5.70 137.60 + 5.80 142.40 + 5.90 157.00 + 6.00	.9280 .9438 .9489					2 UNCH 16 UNCH 1 UNCH
2095 2100 2125			159.50B/148.40A 164.70B/153.30A 189.20B/177.70A	159.50B/148.40A 164.70B/153.30A 189.20B/177.70A 214.00B/202.30A	  	157.00 + 6.00 161.90 + 6.10 186.50 + 6.20 211.20 + 6.30	.9597 .9625 .9737 .9819					1 UNCH 7 UNCH 4 UNCH 10 UNCH
2150 2175 2200 2400			238.80B/227.10A	238.80B/227.10A 263.70B/252.00A		236.00 + 6.40 260.90 + 6.40 460.80 + 6.40	.9874 .9904 .9974					7 UNCH 8 UNCH 4 UNCH
TOTAL APR23	-		402.30B/ 431.00A	402.30B/ 431.00A		400.00 + 0.40	.5574			3804	825	78331+ 461
1100 1125 1150						0.10 UNCH 0.10 UNCH 0.10 UNCH						112 UNCH 11 UNCH 60 UNCH
1175 1200 1250	0.10	 0.10	 0.10/*0.10	 0.10/*0.10		0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000 .0000 .0000			 2		197 UNCH 2083 UNCH 229 - 1
1275 1300 1325						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0001 .0002 .0003					36 - 1 663 UNCH 72 UNCH
1350 1360 1370						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0006 .0008 .0010					507 UNCH 239 UNCH 1 UNCH
1375 1380 1390						0.10 UNCH 0.10 - 0.10 0.20 UNCH 0.20 UNCH	.0011 .0012 .0023 .0023					112 UNCH 14 UNCH 2 UNCH 311 UNCH
1400 1410 1420 1425	0.10	0.10	0.10/*0.10	0.10/*0.10		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0024 .0024 .0025			29		70 UNCH 32 + 29 300 - 4
1430 1440 1450	0.20	 0.20	 0.20/0.20	 0.20/0.20		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0025 .0025 .0026			 2		19 UNCH 51 UNCH 88 - 2
1460 1465 1470	0.20	0.20	0.20/*0.20	0.20/*0.20		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0027 .0027 .0027			 1		131 UNCH 5 UNCH 95 - 7
1475 1480 1485			' 	'		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0027 .0028 .0028					563 UNCH 115 UNCH 33 UNCH
1490 1500 1505						0.20 UNCH 0.20 UNCH 0.20 UNCH	.0028 .0029 .0029			1 1		87 UNCH 1682 - 36 42 UNCH
1510 1515 1520						0.20 UNCH 0.20 UNCH 0.20 UNCH	.0030 .0030 .0030			 75		19 - 3 145 - 1 95 + 37
1525 1530 1535						0.20 UNCH 0.20 UNCH 0.20 UNCH	.0031 .0031 .0032					151 UNCH 42 UNCH 139 UNCH
1540 1545 1550						0.20 UNCH 0.20 UNCH 0.20 UNCH 0.20 UNCH	.0032 .0032 .0033			1		81 - 25 17 UNCH 630 - 1 114 UNCH
1555 1560 1565	0.20	0.20	0.20/*0.20 	0.20/*0.20		0.20 UNCH 0.30 + 0.10 0.30 UNCH 0.30 UNCH	.0033 .0047 .0048 .0049			4 		114 UNCH 69 UNCH 57 - 2 48 UNCH
1570 1575 1580 1585						0.30 UNCH 0.30 UNCH 0.30 UNCH	.0049 .0049 .0050 .0051			4 2		431 - 3 114 - 1 28 UNCH
1590 1595 1600	0.30	 0.30	 0.30/0.30	 0.30/0.30		0.30 UNCH 0.30 UNCH 0.40 UNCH	.0051 .0052 .0067			 57		239 - 10 46 UNCH 1457 - 46
1605 1610 1615	0.40	0.40 	0.40/*0.40	0.40/*0.40		0.40 UNCH 0.40 UNCH 0.40 UNCH	.0068 .0069 .0070			2 		27 - 1 130 UNCH 12 - 1
1620 1625 1630						0.40 UNCH 0.50 + 0.10 0.50 UNCH	.0071 .0086 .0088			 12		112 - 1 433 - 2 207 - 4
1635 1640 1645						0.50 UNCH 0.50 UNCH 0.60 + 0.10	.0089 .0090 .0106			4		8 UNCH 41 + 2 45 UNCH
1650 1655 1660	0.50  0.60	0.50  0.60	0.50/0.50  0.60/0.60	0.50/0.50  0.60/0.60		0.60 + 0.10 0.60 UNCH 0.70 + 0.10	.0108 .0110 .0126			13 2 73		1460 - 13 37 UNCH 554 + 6
1665 1670 1675	0.70 0.80 0.80	0.70 0.80 0.80	0.70/0.70 0.80/0.80 0.80/0.80	0.70/0.70 0.80/0.80 0.80/0.80		0.70 + 0.10 0.80 + 0.10 0.80 + 0.10 0.80 UNCH	.0128 .0145 .0147 .0150			11 10 2		50 UNCH 72 + 6 258 UNCH 96 UNCH
1680 1685		0.80				0.80 UNCH 0.90 UNCH	.0167					79 - 1

#### **METALS OPTIONS PRODUCTS**

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin







METALS OPTION PRODUCTS PG64 BULLETIN # 19@ Jan 30, 2023 PG64 Mon, OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA EXER CISES GLOBEX® VOLUME OPEN INTEREST PNT VOLUME OG PUT APR23 .0184 .0184 .0187 .0205 .0223 .0241 .0260 .0278 .0351 .0385 .0419 .0523 .0572 .0608 .0658 .0770 .0833 .0896 .0790 .0833 .1200 .0961 .1113 .1288 .1376 .1288 .1376 .1288 .1376 .1288 .1376 .1288 .1376 .1475 .1584 .1475 .1484 .1475 .1484 106 2251 - 1059 273 688 320 + 202 + 20 1.00
1.100
1.101
1.201
1.301
1.401
1.500
2.101
2.300
2.500
2.700
2.900
3.200
3.400
4.480
4.800
8.910
9.900
10.77
11.500
11.500
12.700
24.300
12.700
24.300
27.900
38.700
44.600
80.800
61.200
64.700
74.600
78.100
74.600
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
78.100
7 1.20/1.10
1.20/1.20
1.308/--1.408/--1.608/--1.908/--1.908/--1.908/--1.908/--1.908/--1.908/--1.908/--1.908/-1.70
2.208/2.00
2.408/2.20A
2.70/2.30A
2.908/2.50A
3.408/3.20A
4.408/3.80A
3.408/3.20A
4.408/3.80A
4.408/3.80A
4.408/3.80A
4.508/4.50A
5.708/4.50A
6.708/5.70A
6.708/5.70A
6.708/5.70A
6.708/5.70A
6.708/5.70A
6.708/6.20A
7.808/6.20A
1.608/9.20A
11.608/9.90A
13.508/11.50A
14.508/12.40A
13.508/11.50A
14.508/12.40A
15.708/14.40A
15.708/14.40A
15.708/14.40A
15.708/13.40A
17.008/14.40A
15.708/13.40A
17.008/14.40A
15.708/13.40A
17.008/14.40A
18.108/15.50A
19.60B/16.70A
22.60B/19.20A
22.60B/19.20A
22.60B/19.20A
24.20B/20.70A
25.908/22.20A
27.708/23.80A
33.708/29.10A
35.908/31.00A
38.308/33.20A
40.708/35.40A
43.20B/37.60A
44.20B/47.70A
45.80B/45.00A
45.80B/45.00A
45.80B/45.00A
46.80B/59.30A
66.80B/59.30A
66.80B/59.30A
67.10B/62.90A
43.20B/37.00A
48.60B/66.10A
77.10B/69.40A
80.70B/33.00A
48.60B/66.10A
77.10B/69.40A
80.70B/33.00A
88.10B/80.00A
91.90B/83.60A
95.80B/87.30A
07.10B/69.40A
80.70B/73.00A
88.10B/80.00A
91.90B/83.60A
95.80B/87.30A
07.10B/69.90A
13.20B/13.40A
13.70B/13.20A
14.50B/13.00A
88.10B/80.00A
91.90B/83.60A
95.80B/87.30A
07.10B/69.40A
80.70B/73.00A
88.10B/80.00A
91.90B/83.60A
95.80B/87.30A
07.10B/69.40A
80.70B/73.00A
88.10B/80.00A
91.90B/83.60A 1.20 14 4 10 1 7 3 20 163 2 6 1.70 2.00 1.70 2.00 2.70 2.70 3.00 3.30 3.50 3.80 4.10 3.00 3.30 3.50 3.80 4.10 101 20 2 133 6 423 1 3 19 33 58 5.00 5.00 5.80 6.00 6.70 7.10 7.90 7.90 1 101 16 249 10.20 11.60 13.20 10.20 11.60 13.20 306 14.30 14.30 14 13 16.60 16.60 UNCH 11 4 UNCH 846 UNCH UNCH 7 20.50 21.50 22 ----4 27 1 2 7 133 208 ----5 ----26.50 26.50 850 29.10 31.10 33.70 35.40 37.50 40.60 42.10 29.10 31.10 33.70 35.40 37.50 40.60 42.10 11 VICH VINCH VINC 46.30 46.30 53.50 53.50 113.00 214.90 214.90 36 18 2 23 6 47039+ 2427 850 TOTAL MAY23 1050 1200 1300 1325 1350 1375 1380 1400 1420 1425 1430 1470 1475 1480 1500 1505 1510  $\begin{array}{c} 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.20\\ 0.20\\ 0.20\\ 0.20\\ 0.30\\ 0.30\\ 0.30\\ 0.30\\ 0.30\\ 0.40\\$ .0000 .0001 .0003 .0005 .0009 .0010 .0024 .0025 .0025 .0025 .0025 .0039 .0040 .0041 .0042 .0043 .0056 .0056 .0056 51 41 27 71 11 13 1515 1520 1525 1530 1540 1545 1550

## **METALS OPTIONS PRODUCTS**

64 Side 07

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000

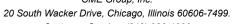
		" 100			PRELIMIN						- 20	2022
PG64		IN # 19@			METALS OPTION					Mon,	Jan 30,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG PU	т	COMEX GOLD OPT	ΓΙΟΝS									
MAY23 1555						0.50 UNCH	.0071					24 UNCH
1560 1565						0.50 UNCH 0.50 UNCH 0.50 UNCH	.0072 .0073 .0074					31 UNCH 2 UNCH
1570 1575						0.50 UNCH	.0075					50 UNCH 7 UNCH 44 – 2
1580 1585						0.60 UNCH 0.60 UNCH	.0088					13 UNCH
1590 1595						0.60 UNCH 0.70 UNCH 0.70 UNCH	.0090 .0103 .0105			1		35 UNCH 1 - 1 32 - 1
1600 1605	0.70	0.70				0.70 UNCH 0.70 UNCH 0.80 UNCH	.0103			11		7 UNCH
1610 1615			0.70/*0.70 	0.70/*0.70 		0.80 UNCH 0.80 UNCH 0.90 + 0.10	.0121					120 UNCH 2 UNCH 19 UNCH
1620 1625	1.10	1.10	1.10/1.10	1.10/1.10		0.90 + 0.10 0.90 UNCH 1.00 UNCH	.0134			2 2		135 UNCH 66 - 2
1630 1635	1.00	1.00	1.00/*1.00	1.00/*1.00		1.00 UNCH 1.00 UNCH 1.10 UNCH	.0152			1		5 + 1 6 UNCH
1640 1645	1.30	1.30				1.10 UNCH 1.10 UNCH 1.20 UNCH	.0168					45 UNCH
1650 1655			1.30/1.30	1.30/1.30		1.30 UNCH	.0197					61 - 1
1660 1665						1.40 UNCH 1.50 UNCH 1.60 UNCH	.0211					37 UNCH 109 UNCH 29 - 2
1670 1675						1.70 UNCH 1.70 UNCH 1.80 UNCH	.0240 .0255 .0270			9		195 - 2 53 - 5
1680 1685			2.00B/ 2.10B/	2.00B/ 2.10B/		2.00 + 0.10	.0296			4		16 UNCH
1690 1695			2.30B/	2.30B/		2.20 + 0.10	.0312			 29		46 UNCH 25 UNCH
1700 1705	2.50  2.60	2.50  2.60	2.50/2.30A 2.60B/	2.50/2.30A 2.60B/		2.30 UNCH 2.40 - 0.10	.0343			3		3729 + 25 66 - 3
1710 1715	2.90	2.90	2.80B/2.60 3.00B/2.90	2.80B/2.60 3.00B/2.90		2.60 UNCH 2.90 + 0.20	.0387			12 2		63 + 10 45 + 1
1720 1725	 3.40	 3.40	3.20B/ 3.40B/ 3.70/3.40	3.20B/ 3.40B/ 3.70/3.40		3.10 + 0.20 $3.30 + 0.20$ $3.50 + 0.20$	.0452			2 3 3		45 + 1 60 + 2 261 + 2
1730 1735	3.40	3.40	3.70/3.40 3.90B/ 4.20B/	3.70/3.40 3.90B/ 4.20B/		3.50 + 0.20 3.70 + 0.10 3.90 UNCH	.0509 .0537 .0566			2 3		31 + 3 32 + 1 77 + 3
1740 1745			4.20B/ 4.50B/ 4.80B/	4.20B/ 4.50B/ 4.80B/		4.20 + 0.10 4.50 + 0.10	.0606			2 18		19 + 2 6941 + 18
1750 1755 1760	5.30	5.30	5.10B/ 5.50B/5.00	5.10B/ 5.50B/5.00		4.80 + 0.10 $4.80 + 0.10$ $5.10 + 0.10$	.0685					29 UNCH 77 + 5
1760 1765 1770	5.60	5.60	5.90B/ 6.30B/5.60	5.90B/ 6.30B/5.60		5.10 + 0.10 5.50 + 0.10 5.90 + 0.10	.0775			2 2		19 + 2 17 + 2
1775			6.70B/6.10A 7.20B/6.50A	6.70B/6.10A 7.20B/6.50A		6.30 + 0.10 $6.70 + 0.10$	.0876			400		303 UNCH 496 + 399
1780 1785 1790			7.70B/7.00A 8.30B/7.40A	7.70B/7.00A 8.30B/7.40A		7.20 + 0.10 $7.70 + 0.10$	.0988			2 6		8 + 1 48 + 6
1795	8.60	 8.60	8.80B/7.90A 9.40B/8.50A	8.80B/7.90A 9.40B/8.50A		8.20 + 0.10 8.80 + 0.20	.1109			13	250	4 UNCH 4869 + 255
1800 1805			10.00B/9.00A 10.70B/9.60A	10.00B/9.00A 10.70B/9.60A		9.40 + 0.20 $10.00 + 0.20$	.1249					3 UNCH 23 - 2
1810 1815			11.40B/10.20A 12.20B/10.90A	11.40B/10.20A 12.20B/10.90A		10.70 + 0.20 10.70 + 0.30 11.40 + 0.30	.1397			1		29 UNCH 12 UNCH
1820 1825	12.10	12.10	12.90B/11.60A 13.80B/12.30A	12.20B/10.30A 12.90B/11.60A 13.80B/12.30A		12.10 + 0.30 12.90 + 0.30	.1556			6		269 - 2 30 UNCH
1830 1835	14.70	14.70	14.70B/13.00A 15.50B/13.90A	14.70B/13.00A 15.50B/13.90A		13.80 + 0.40 $14.70 + 0.40$	.1736			1		154 UNCH 209 - 1
1840 1845			16.60B/14.70A 17.50B/15.60A	16.60B/14.70A 17.50B/15.60A		15.60 + 0.40 16.60 + 0.50	.1925			 10		3 UNCH 264 UNCH
1850 1860			19.80B/17.60A 21.00B/18.60A	19.80B/17.60A 21.00B/18.60A		18.70 + 0.50 19.90 + 0.50	.2237					122 UNCH 21 UNCH
1865 1870			22.30B/19.80A 23.60B/21.00A	22.30B/19.80A 23.60B/21.00A		21.10 + 0.60 22.40 + 0.60	.2350 .2465 .2584					60 UNCH 171 UNCH
1875 1880			25.20B/22.20A 26.70B/23.60A	25.20B/22.20A 26.70B/23.60A		23.80 + 0.70	.2708					51 UNCH 306 UNCH
1885 1890			28.20B/25.00A 29.90B/26.40A	28.20B/25.00A 29.90B/26.40A		25.20 + 0.70 26.70 + 0.70 28.30 + 0.80	.2961					301 UNCH
1895 1900			31.50B/28.00A 33.30B/29.60A	31.50B/28.00A 33.30B/29.60A		30.00 + 0.90	.3093					63 UNCH 589 UNCH 251 UNCH
1905 1910			35.20B/31.30A 37.10B/33.10A	35.20B/31.30A 37.10B/33.10A		31.80 + 1.10 $33.60 + 1.10$ $35.50 + 1.20$	.3368					106 UNCH 4 UNCH
1915 1920			39.20B/34.90A 41.40B/36.80A	39.20B/34.90A 41.40B/36.80A		37.50 + 1.20 37.50 + 1.30 39.50 + 1.30	.3649					4 UNCH 323 + 3
1925 1930			43.60B/38.90A 45.70B/40.80A	43.60B/38.90A 45.70B/40.80A		41.70 + 1.40 43.90 + 1.40	.3936 .4083 .4230					5 UNCH 1 UNCH
1935 1940			48.20B/43.10A 50.50B/45.20A	48.20B/43.10A 50.50B/45.20A		46.20 + 1.50 48.60 + 1.60	.4378			1		6 UNCH 76 UNCH
1945 1950			53.20B/47.70A 55.80B/50.10A	53.20B/47.70A 55.80B/50.10A		51.00 + 1.50 53.60 + 1.60	.4675			150		273 + 150 3 UNCH
1955 1960 1965			58.50B/52.60A 61.20B/55.20A	58.50B/52.60A 61.20B/55.20A		56.20 + 1.70 58.90 + 1.70	.4972			200		211 + 192 44 UNCH
1970 1975			64.10B/57.70A 67.00B/60.60A	64.10B/57.70A 67.00B/60.60A		61.70 + 1.80 64.70 + 2.00	.5264					74 UNCH 11 UNCH
1980 1985			70.00B/63.40A 73.10B/66.30A	70.00B/63.40A 73.10B/66.30A		67.60 + 2.10 70.70 + 2.20	.5552					2 UNCH 1 UNCH
1990 1995			76.20B/69.20A 79.40B/72.30A	76.20B/69.20A 79.40B/72.30A		73.80 + 2.30 77.00 + 2.50	.5830					4 UNCH 3 UNCH
2000 2005	80.00	80.00	82.70B/75.40A 86.10B/79.00A	82.70B/75.40A 86.10B/79.00A		80.20 + 2.50 83.60 + 2.70	.6102 .6232			1		8 + 1 5 UNCH
2010 2015			89.50B/82.20A 93.00B/85.50A	89.50B/82.20A 93.00B/85.50A		86.90 + 2.70 90.40 + 2.80	.6362					6 UNCH 3 UNCH
2020 2025			96.60B/88.90A 100.20B/92.60A	96.60B/88.90A 100.20B/92.60A		93.90 + 2.90 97.50 + 3.00	.6614 .6732					7 UNCH 9 UNCH
2030 2035			103.80B/96.10A 107.60B/99.70A	103.80B/96.10A 107.60B/99.70A		101.20 + 3.10 104.90 + 3.20	.6848					5 UNCH 5 UNCH
2040 2045			111.40B/103.30A 115.20B/107.00A	111.40B/103.30A		108.60 + 3.30 112.40 + 3.30	.7075 .7181					11 UNCH 8 UNCH
2050 2055			119.10B/110.80A 123.00B/114.60A	119.10B/110.80A		116.30 + 3.40 120.20 + 3.50	.7286					14 UNCH 14 UNCH
2060 2065			127.00B/118.40A 131.00B/122.40A	127.00B/118.40A		124.20 + 3.60 128.20 + 3.70	.7489 .7587					12 UNCH 10 UNCH
2070 2075			135.10B/126.30A 139.20B/130.30A	135.10B/126.30A		132.20 + 3.70 136.30 + 3.80	.7679 .7764					5 UNCH 2 UNCH
2080 2085			143.40B/134.40A 147.60B/138.50A	143.40B/134.40A		140.50 + 4.00 144.70 + 4.10	.7855					3 UNCH 1 UNCH
2090 2095			151.80B/142.50A 156.10B/146.80A	151.80B/142.50A		148.90 + 4.10 153.10 + 4.10	.8016 .8093					3 UNCH 2 UNCH
2100 2105			160.40B/151.00A 164.70B/155.30A	160.40B/151.00A		157.40 + 4.20 161.70 + 4.30	.8168 .8237					7 UNCH 3 UNCH
2110 2110 2115			169.10B/159.60A 173.50B/163.80A	169.10B/159.60A		166.10 + 4.40 170.50 + 4.40	.8312 .8372					2 UNCH 4 UNCH
2125 2130			182.40B/172.50A 186.90B/177.10A	182.40B/172.50A		179.30 + 4.50 183.80 + 4.60	.8498 .8556					2 UNCH 2 UNCH
2145 2150			200.50B/190.30A 205.10B/194.80A	200.50B/190.30A		197.40 + 4.80 201.90 + 4.80	.8721 .8770					1 UNCH 3 UNCH
2175 2190			228.20B/217.90A 241.30B/231.80A	228.20B/217.90A		225.10 + 5.10 239.20 + 5.20	.8983					2 UNCH 1 UNCH
2195 2200			246.00B/236.50A 251.70B/241.20A	246.00B/236.50A		243.90 + 5.20 248.70 + 5.40	.9125					1 UNCH 5 UNCH
2225 2250			275.60B/264.90A 299.70B/288.70A	275.60B/264.90A		272.60 + 5.60 296.60 + 5.80	.9296					6 UNCH 9 UNCH
2275 2300			324.00B/313.00A 348.40B/337.40A	324.00B/313.00A		320.90 + 5.90 345.30 + 5.90	.9511					3 UNCH 15 UNCH
2350			397.60B/386.50A	397.60B/386.50A		394.50 + 6.00	.9708			928	250	4 UNCH 24840 + 1055
TOTAL JUN23												
900 1000						0.10 UNCH 0.10 UNCH						10 UNCH 14 UNCH
1025 1075						0.10 UNCH 0.10 UNCH						2 UNCH 12 UNCH
1080 1100						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000					40 UNCH 1 UNCH 100 UNCH
1175 1200 1210						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000					100 UNCH 101 UNCH 5 UNCH
1210		N CONTAINED IN T										

## **METALS OPTIONS PRODUCTS**

Side 08

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



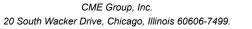




PG64	PG64 BULLETIN # 19@			!	METALS OPTION	PRODUCTS				Mon,	Jan 30,	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN EREST
OG PL JUN23	3	COMEX GOLD OPT				0.10	0000					40	
1225 1230 1235						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000 .0000 .0000					49 4 1	UNCH UNCH UNCH
1250 1275						0.10 UNCH 0.10 UNCH	.0001					5 41	UNCH UNCH
1300 1325 1350						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0003 .0006 .0010					58 77 440	UNCH UNCH UNCH
1360 1375						0.10 UNCH 0.20 UNCH	.0012					4 40	UNCH UNCH
1385 1390 1400						0.20 UNCH 0.20 UNCH 0.30 + 0.10	.0024 .0024 .0035					1 3 325	UNCH UNCH UNCH
1425 1435						0.30 UNCH 0.40 UNCH	.0036 .0047					59 <u>1</u>	UNCH UNCH
1440 1450 1455						0.40 UNCH 0.40 UNCH 0.40 UNCH	.0047 .0048 .0049					3 1184 1	UNCH UNCH UNCH
1475 1485						0.50 UNCH 0.50 UNCH	.0061					45 3	UNCH UNCH
1495 1500						0.60 UNCH 0.60 UNCH 0.60 UNCH	.0074 .0075 .0075					196 520 4	UNCH UNCH UNCH
1505 1510 1515						0.70 UNCH 0.70 UNCH	.0086					20 46	UNCH
1520 1525						0.70 UNCH 0.80 UNCH 0.90 UNCH	.0088 .0099 .0111					2 30 1	UNCH UNCH UNCH
1535 1540 1550	1.00	1.00	1.00/1.00	1.00/1.00		0.90 UNCH 1.00 UNCH	.0112					220 952 +	UNCH 1
1560 1570						$\begin{array}{ccccc} 1.10 & + & 0.10 \\ 1.20 & + & 0.10 \\ 1.30 & + & 0.10 \end{array}$	.0138 .0151 .0162					77 2 218	UNCH UNCH UNCH
1575 1580 1585						1.30 UNCH 1.40 + 0.10	.0164 .0176					2 1	UNCH UNCH
1590 1595						1.50 + 0.10 1.60 + 0.10	.0187 .0199			 500		1000 1 1885 ±	UNCH UNCH 316
1600 1605 1610	1.80	1.80	1.70B/ 1.80/1.80	1.70B/ 1.80/1.80		1.60 UNCH 1.70 + 0.10 1.80 + 0.10	.0201 .0213 .0226			 5		1885 + 10 18 +	316 UNCH 5
1615 1620			1.90B/ 	1.90B/		1.90 + 0.10 2.00 UNCH	.0238 .0250			1		57 96 +	UNCH
1625 1630 1635			 2.40B/	 2.40B/		2.20 UNCH 2.30 UNCH	.0263 .0275 .0288					188 75 3	UNCH UNCH UNCH
1640 1645 1650	2.50	2.50	2.50B/ 2.70B/*2.50 2.80B/	2.50B/ 2.70B/*2.50 2.80B/		2.50 + 0.10 2.60 UNCH 2.80 + 0.10	.0310 .0323 .0345			7 11		497 22 + 982 +	UNCH 7 7
1655 1660			3.00B/ 3.20B/	3.00B/ 3.20B/		2.90 UNCH 3.10 UNCH	.0359 .0382					5 56	UNCH UNCH
1665 1670 1675			3.40B/ 3.60B/ 3.80B/	3.40B/ 3.60B/ 3.80B/		3.20 UNCH 3.40 UNCH 3.60 UNCH	.0396 .0419 .0442					33 127 588	UNCH UNCH UNCH
1680 1685			4.00B/ 4.20B/	4.00B/ 4.20B/		3.80 UNCH 4.00 UNCH	.0465 .0489					21 51	UNCH UNCH
1690 1695 1700	 4.70	 4.70	4.40B/ 4.80B/ 5.00B/4.70	4.40B/ 4.80B/ 5.00B/4.70		4.30 + 0.10 4.50 UNCH 4.80 + 0.10	.0521 .0545 .0577			 6		97 15 1766 +	UNCH UNCH 5
1705 1710			5.30B/ 5.60B/	5.30B/ 5.60B/		5.10 + 0.10 5.30 UNCH	.0610 .0635					7 101	UNCH UNCH
1715 1720 1725	 6.10	 6.10	5.90B/ 6.30B/ 6.70B/6.10	5.90B/ 6.30B/ 6.70B/6.10		5.70 + 0.10 6.00 + 0.10 6.30 + 0.10	.0676 .0709 .0743			 3		8 46 1567	UNCH UNCH UNCH
1730 1735			7.00B/ 7.40B/	7.00B/ 7.40B/		6.70 + 0.10 7.10 + 0.20	.0785					34 59	UNCH
1740 1745 1750	8.30	8.30	7.90B/ 8.30/7.70A 8.90B/	7.90B/ 8.30/7.70A 8.90B/		7.50 + 0.20 7.90 + 0.10 8.40 + 0.20	.0869 .0911 .0961			1		23 + 2342	UNCH 1 UNCH
1755 1760			9.40B/ 9.90B/9.10A 10.40B/9.60A	9.40B/ 9.90B/9.10A 10.40B/9.60A		8.90 + 0.20 9.40 + 0.20 9.90 + 0.20	.1012 .1062 .1113					99 37 19	UNCH UNCH UNCH
1765 1770 1775			10.90B/ 11.60B/10.70A	10.90в/ 11.60в/10.70A		$\begin{array}{r} 10.40 + 0.20 \\ 11.00 + 0.20 \end{array}$	.1165 .1223					36 285	UNCH UNCH
1780 1785 1790	12.10	12.10	12.30B/11.30A 13.00B/11.90A 13.70B/12.60A	12.30B/11.30A 13.00B/11.90A 13.70B/12.60A		11.60 + 0.20 12.30 + 0.30 13.00 + 0.30	.1281 .1347 .1412			2  1		85 25 29	UNCH UNCH UNCH
1800 1805	14.00	14.00	15.20B/13.90A 16.10B/14.70A	15.20B/13.90A 16.10B/14.70A		14.40 + 0.30 $15.20 + 0.30$	.1544 .1617			511 		2061 + 41	345 UNCH
1810 1815 1820	16.00	16.00 	16.90B/15.40A 17.80B/16.20A 18.80B/17.10A	16.90B/15.40A 17.80B/16.20A 18.80B/17.10A		16.00 + 0.30 16.90 + 0.30 17.80 + 0.30	.1690 .1768 .1847			20 		344 - 10 506	20 UNCH UNCH
1825 1830	18.70	18.70	19.80B/18.00A 20.80B/18.90A	19.80B/18.00A 20.80B/18.90A		18.70 + 0.30 $19.70 + 0.30$	.1927 .2011			18		7366 + 16	15 UNCH
1835 1840 1845			21.90B/19.90A 23.00B/21.00A 24.20B/22.00A	21.90B/19.90A 23.00B/21.00A 24.20B/22.00A		20.80 + 0.40 21.90 + 0.40 23.00 + 0.40	.2101 .2191 .2282					4 42 7	UNCH UNCH UNCH
1850 1855	24.10	24.10	25.60B/23.20A 26.80B/24.30A	25.60B/23.20A 26.80B/24.30A		24.20 + 0.40 25.50 + 0.50	.2377 .2476			37 		1478 - 207	20 UNCH
1860 1865 1870			28.30B/25.60A 29.70B/26.90A 31.20B/28.20A	28.30B/25.60A 29.70B/26.90A 31.20B/28.20A		26.80 + 0.50 28.20 + 0.50 29.60 + 0.60	.2575 .2679 .2782					175 11 190	UNCH UNCH UNCH
1875 1880			32.80B/29.60A 34.30B/31.10A	32.80B/29.60A 34.30B/31.10A		31.10 + 0.60 32.70 + 0.70	.2890 .3000					188 18	UNCH UNCH
1885 1890 1895			36.00B/32.60A 37.80B/34.20A 39.60B/35.90A	36.00B/32.60A 37.80B/34.20A 39.60B/35.90A		34.30 + 0.70 36.00 + 0.80 37.80 + 0.90	.3111 .3224 .3340					2 29 9	UNCH UNCH UNCH
1900 1910	38.10	38.10 	41.50B/37.60A 45.30B/41.30A	41.50B/37.60A 45.30B/41.30A 47.50B/43.20A		39.60 + 0.90 $43.50 + 1.10$ $45.50 + 1.10$	.3456 .3694			10 		541 - 65 113	9 UNCH UNCH
1915 1920 1925			47.50B/43.20A 49.60B/45.20A 51.90B/47.30A	49.60B/45.20A 51.90B/47.30A		47.70 + 1.30 $49.90 + 1.30$	.3814 .3936 .4058					16 63	UNCH UNCH
1930 1935	52.50  56.10	52.50  56.10	54.20B/49.40A 56.40B/51.60A 58.90B/53.90A	54.20B/49.40A 56.40B/51.60A 58.90B/53.90A		52.10 + 1.40 54.40 + 1.40 56.80 + 1.50	.4181 .4304 .4427			26  1	400 	440 + 19 67	414 UNCH UNCH
1940 1945 1950	60.20	60.20	61.40B/56.10A 63.90B/58.50A	61.40B/56.10A 63.90B/58.50A		59.30 + 1.60 61.80 + 1.60	.4551 .4674			 51	275	5 311 +	UNCH 203
1955 1960	65.00	65.00	66.70B/61.10A 69.30B/63.60A 72.00B/66.10A	66.70B/61.10A 69.30B/63.60A 72.00B/66.10A		64.40 + 1.70 67.10 + 1.80 69.80 + 1.80	.4798 .4920 .5042			5		32 93 + 108	UNCH 5 UNCH
1965 1970 1975			74.90B/68.80A 77.80B/71.70A	74.90B/68.80A 77.80B/71.70A		72.60 + 1.90 75.50 + 2.00	.5163 .5283					487 89	UNCH UNCH
1980 1985 1990			80.80B/74.50A 83.80B/77.40A 86.90B/80.30A	80.80B/74.50A 83.80B/77.40A 86.90B/80.30A		78.40 + 2.00 81.40 + 2.10 84.40 + 2.10	.5403 .5520 .5637					31 39 12	UNCH UNCH UNCH
1995 2000			90.00B/83.30A 93.20B/86.40A	90.00B/83.30A 93.20B/86.40A		87.50 + 2.20 90.70 + 2.30	.5751 .5865			4		11 12 <u>1</u> +	UNCH 4
2005 2010 2015			96.50B/89.50A 99.80B/92.70A 103.20B/96.30A	96.50B/89.50A 99.80B/92.70A 103.20B/96.30A		94.00 + 2.40 97.30 + 2.50 100.60 + 2.50	.5976 .6085 .6193					5 11 7	UNCH UNCH UNCH
2020 2025			106.60B/99.60A 110.10B/102.90A	106.60B/99.60A 110.10B/102.90A		$\begin{array}{r} 104.10 + 2.60 \\ 107.50 + 2.70 \end{array}$	.6298 .6403					8 11	UNCH UNCH
2030 2035 2040			113.60B/106.30A 117.20B/110.00A 120.90B/113.50A	117.20B/110.00A		111.10 + 2.80 114.70 + 2.90 118.30 + 3.00	.6504 .6605 .6701					16 9 13	UNCH UNCH UNCH
2045 2050			124.60B/117.00A 128.30B/120.70A	124.60B/117.00A 128.30B/120.70A		122.00 + 3.10 125.70 + 3.10	.6795 .6890					8 400	UNCH UNCH
2055 2060 2065			132.10B/124.30A 136.00B/128.00A 139.80B/131.80A	136.00B/128.00A 139.80B/131.80A		129.50 + 3.30 133.30 + 3.30 137.20 + 3.40	.6978 .7070 .7156					12 10 7	UNCH UNCH UNCH
2070 2075			143.70B/135.60A 147.70B/139.40A	143.70B/135.60A 147.70B/139.40A		141.10 + 3.50 145.00 + 3.60 149.00 + 3.70	.7239 .7321					10 17 10	UNCH UNCH UNCH
2080 2085 2090			151.70B/143.40A 155.70B/147.30A 159.80B/151.20A	155.70B/147.30A 159.80B/151.20A		153.00 + 3.70 157.10 + 3.80	.7402 .7478 .7554					3 13	UNCH UNCH
2095 2100			163.90B/155.20A 168.00B/159.30A	163.90B/155.20A		161.20 + 3.90 165.30 + 3.90 169.40 + 3.90	.7629 .7699 .7769					9 6 9	UNCH UNCH UNCH
2105		N CONTAINED IN T		<u> </u>									

## **METALS OPTIONS PRODUCTS**

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

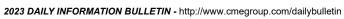




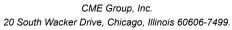
					PRELIMIN	ANI						
PG64	BULLET	IN # 19@		М	ETALS OPTION	PRODUCTS				Mon,	Jan 30,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DI	ELTA	EXER	OPEN OUTCRY	GLOBEX®	PNT	OPEN
				, ,				CISES	VOLUME	VOLUME	VOLUME	INTEREST
OG PUT JUN23		COMEX GOLD OP		/								_
2110 2115			176.40B/167.50A 180.60B/171.60A	180.60B/171.60A		177.80 + 4.10	7838 7901					5 UNCH 4 UNCH
2120 2125			184.90B/175.80A 189.20B/180.00A	184.90B/175.80A 189.20B/180.00A		186.40 + 4.20 .8	7964 8027					2 UNCH 14 UNCH
2130 2135			193.50B/184.30A 197.90B/188.60A	193.50B/184.30A 197.90B/188.60A		195.00 + 4.30 .8	8089 8145					13 UNCH 17 UNCH
2140 2145			202.20B/192.90A 206.60B/197.20A 211.10B/201.60A	202.20B/192.90A 206.60B/197.20A 211.10B/201.60A		203.70 + 4.40 .8	8201 8256 8311					14 UNCH 9 UNCH 28 UNCH
2150 2155			211.10B/201.00A 215.50B/206.00A 219.90B/210.40A	211.10B/201.00A 215.50B/206.00A 219.90B/210.40A		212.50 + 4.50 .8	8360 8409					28 UNCH 11 UNCH 12 UNCH
2160 2165 2170			224.40B/214.80A 228.90B/219.20A	224.40B/214.80A 228.90B/219.20A		221.40 + 4.50 .8	8457 8504					16 UNCH 10 UNCH
2175 2180			233.40B/223.70A 237.90B/228.20A	233.40B/223.70A 237.90B/228.20A		230.40 + 4.60 .8	8552 8593					13 UNCH 12 UNCH
2185 2190			242.50B/232.70A 247.10B/237.20A	242.50B/232.70A 247.10B/237.20A		239.50 + 4.80 .8 244.10 + 4.90 .8	8633 8680					1 UNCH 3 UNCH
2195 2200			251.70B/241.70A 256.30B/246.30A	251.70B/241.70A 256.30B/246.30A		253.20 + 4.90 .8	8713 8752					5 UNCH 8 UNCH
2205 2210			260.90B/250.80A 265.50B/255.30A 270.10B/260.00A	260.90B/250.80A 265.50B/255.30A		262.50 + 5.00 .8	8792 8824					4 UNCH
2215 2220 2225			274.80B/264.60A 279.50B/269.30A	270.10B/260.00A 274.80B/264.60A 279.50B/269.30A		271.80 + 5.10 .8	8863 8894 8926					8 UNCH 6 UNCH 9 UNCH
2230 2235			284.10B/273.90A 288.80B/278.60A	284.10B/273.90A 288.80B/278.60A		281.10 + 5.20 .8	8957 8988					4 UNCH 9 UNCH
2240 2245			293.50B/283.30A 297.10B/288.00A	293.50B/283.30A 297.10B/288.00A		290.50 + 5.30 .9	9019 9049					20 UNCH 2 UNCH
2250 2255			303.00B/292.60A 306.60B/297.40A	303.00B/292.60A 306.60B/297.40A		304.60 + 5.30 .9	9073 9103					16 UNCH 1 UNCH
2260 2265			311.40B/302.10A 316.10B/306.80A	311.40B/302.10A 316.10B/306.80A		314.10 + 5.40 .9	9125 9148					2 UNCH 1 UNCH
2275 2300			326.80B/316.30A 350.70B/340.10A	326.80B/316.30A 350.70B/340.10A		347.60 + 5.50 .9	9200 9308					14 UNCH 181 UNCH
2325 2350			374.90B/364.30A 399.20B/388.60A 448.20B/437.50A	374.90B/364.30A 399.20B/388.60A 448.20B/437.50A		396.10 + 5.80 .9	9398 9468 9594					6 UNCH 1 UNCH 79 UNCH
2400 2500 2525			547.10B/536.30A 572.00B/561.20A	547.10B/536.30A 572.00B/561.20A		544.10 + 6.20 .9	9753 9789					51 UNCH 108 UNCH
2550 2600			596.90B/586.10A	596.90B/586.10A 645.30B/636.00A		594.00 + 6.30 .9	9815 9856					25 UNCH 5 UNCH
TOTAL			,							1222	675	34079+ 1280
JUL23 1200							0009					4866 UNCH
1225 1250 1275						0.20 UNCH .0	0018 0019 0019					30 UNCH 5 UNCH 75 UNCH
1300 1325						0.30 UNCH .0	0029 0030					19 UNCH 25 UNCH
1400 1410						0.50 UNCH .0	0052 0053					102 UNCH 1 UNCH
1425 1430						0.60 UNCH .0	0063 0064					65 UNCH 1 UNCH 305 UNCH
1450 1460 1475						0.80 UNCH .0	0075 0085 0096					305 UNCH 1 UNCH 1 UNCH
1500 1505						1.00 UNCH .0	0109 0119			5 		42 + 5 1 UNCH
1525 1535						1.40 UNCH .0	0141 0153					25 UNCH 1 UNCH
1540 1550	1.60	1.60	1.60/*1.60 	1.60/*1.60		1.70 + 0.10 .0	0163 0183 0195			20 		20 UNCH 11 UNCH 3 UNCH
1560 1565 1575						1.90 UNCH .0	0205 0226					8 UNCH 20 UNCH
1580 1590						2.20 UNCH .0	0236 0258					6 UNCH 1 UNCH
1600 1605						2.70 UNCH .0	0280 0291					21 UNCH 10 UNCH
1635 1640	3.60	3.60	3.70B/3.60 3.90B/	3.70B/3.60 3.90B/		3.80 + 0.10 .0	0383 0403			20 		21 + 20 1 UNCH
1650 1660			4.30B/ 4.70B/ 5.00B/	4.30B/ 4.70B/ 5.00B/		4.60 + 0.10 .0	0435 0483 0503					56 UNCH 7 UNCH 1 UNCH
1665 1670 1675			5.20B/ 5.50B/	5.20B/ 5.50B/		5.00 UNCH .0	0524 0552					8 UNCH 32 UNCH
1680 1685			5.80B/ 6.10B/	5.80B/ 6.10B/		5.60 + 0.10 .0	0580 0602					10 UNCH 6 UNCH
1690 1695			6.40B/ 6.70B/	6.40B/ 6.70B/		6.10 UNCH .0	0630 0659					4 UNCH 5 UNCH
1700 1705			7.00B/ 7.40B/	7.00B/ 7.40B/		7.10 + 0.10 .0	0694 0723			3		24 UNCH 5 + 3
1710 1715			7.80B/ 8.20B/ 8.60B/	7.80B/ 8.20B/ 8.60B/		7.80 + 0.10 .0	0753 0789 0825					2 UNCH 1 UNCH 5 UNCH
1720 1725 1730	9.00	9.00	9.00B/ 9.40B/8.90A	9.00B/ 9.40B/8.90A		8.60 + 0.10 .0	0862 0899			 4		102 UNCH 32 UNCH
1735 1740			9.90B/ 10.40B/9.80A	9.90B/ 10.40B/9.80A		9.40 UNCH .0	0936 0979					1 UNCH 1 UNCH
1745 1750			10.90B/10.30A 11.40B/10.80A	10.90B/10.30A 11.40B/10.80A		10.40 UNCH 10.90 UNCH	1023 1067					1 UNCH 87 UNCH
1770 1775			13.90B/13.00A 14.50B/13.70A	13.90B/13.00A 14.50B/13.70A		13.90 + 0.10 .1	1268 1319					1 UNCH 93 UNCH
1780 1800			15.20B/14.30A 18.30B/17.10A	15.20B/14.30A 18.30B/17.10A		17.60 + 0.20	1376 1615					6 UNCH 127 UNCH
1820 1825 1830			22.00B/20.50A 23.10B/21.40A 24.10B/22.40A	22.00B/20.50A 23.10B/21.40A 24.10B/22.40A		22.10 + 0.20	1883 1956 2030					1 UNCH 75 UNCH 6 UNCH
1830 1835 1840	23.60	23.60	25.30B/23.40A 26.40B/24.50A	25.30B/23.40A 26.40B/24.50A		24.20 NEW .2	2107 2185			2		2 + 2 3 UNCH
1845 1850			27.60B/25.60A 28.90B/26.70A	27.60B/25.60A 28.90B/26.70A		26.50 + 0.30 .2 27.70 + 0.30 .2	2267 2349					60 UNCH 281 UNCH
1860 1870			31.60B/29.10A 34.40B/31.80A	31.60B/29.10A 34.40B/31.80A		30.30 + 0.40 .2 $33.00 + 0.40$ .2	2520 2696					66 UNCH 9 UNCH
1875 1880			35.90B/33.10A 37.50B/34.60A	35.90B/33.10A 37.50B/34.60A		36.00 + 0.50 .2	2789 2881					20 UNCH 51 UNCH
1890 1895			40.80B/37.60A 42.60B/39.20A 44.30B/40.90A	40.80B/37.60A 42.60B/39.20A 44.30B/40.90A		40.90 + 0.60	3072 3170 3270					203 UNCH 10 UNCH 23 UNCH
1900 1910 1925			48.10B/44.40A 54.20B/50.00A	48.10B/44.40A 54.20B/50.00A		46.40 + 0.90	3472 3781					2 UNCH 16 UNCH
1930 1945			56.30B/52.00A 63.20B/58.40A	56.30B/52.00A 63.20B/58.40A		54.50 + 1.10 .3	3887 4204					6 UNCH 1 UNCH
1950 1975			65.60B/60.70A 78.50B/72.90A	65.60B/60.70A 78.50B/72.90A		63.50 + 1.30 .4	4311 4843			21		271 UNCH 51 + 21
1980 1985	80.30	80.30	81.20B/75.50A 84.00B/78.20A	81.20B/75.50A 84.00B/78.20A		79.00 + 1.70 .4 81.80 + 1.70 .5	4949 5053			6 		12 + 6 2 UNCH
1990 1995			86.90B/80.90A 89.80B/83.70A	86.90B/80.90A 89.80B/83.70A		87.60 + 1.90 .	5157 5260					1 UNCH 12 UNCH
2000 2005			92.80B/86.50A 95.90B/89.40A	92.80B/86.50A 95.90B/89.40A		93.60 + 2.00 .	5362 5463					16 UNCH 1 UNCH
2010 2015 2020			99.00B/92.40A 102.20B/95.40A 105.40B/98.50A	99.00B/92.40A 102.20B/95.40A 105.40B/98.50A		99.80 + 2.20 .	5562 5660 5758					2 UNCH 1 UNCH 2 UNCH
2020 2025 2030			103.40B/98.50A 108.60B/101.60A 112.00B/104.90A	108.60B/101.60A 112.00B/104.90A		106.20 + 2.30 .	5852 5948					4 UNCH 5 UNCH
2045 2050			122.20B/115.10A 125.70B/118.40A	122.20B/115.10A 125.70B/118.40A		119.70 + 2.60 .0 123.20 + 2.70 .0	6222 6309					2 UNCH 16 UNCH
2060 2065			132.80B/125.40A 136.50B/129.10A	132.80B/125.40A 136.50B/129.10A		130.30 + 2.80 .6 133.90 + 2.90 .6	6482 6566					3 UNCH 2 UNCH
2070 2075 2080			140.20B/132.70A 143.90B/136.30A 147.60B/139.90A	140.20B/132.70A 143.90B/136.30A 147.60B/139.90A		141.30 + 3.10 .0	6648 6728 6807					4 UNCH 5 UNCH 3 UNCH
2080 2085 2090			151.40B/143.60A 155.30B/147.30A	151.40B/143.60A 155.30B/147.30A		148.80 + 3.20 .0	6886 6961					4 UNCH 5 UNCH
2095			159.10B/151.00A				7035					4 UNCH

## **METALS OPTIONS PRODUCTS**

Side 10









PG64 BULLETIN # 19@					PRELIMIN							
PG64					ETALS OPTIO					Mon,	Jan 30,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG PU		COMEX GOLD OPT	TIONS									
JUL23 2100 2105			163.00B/154.80A 166.90B/158.70A			160.40 + 3.40 164.30 + 3.50	.7106 .7176					3 UNCH 10 UNCH
2110 2115			170.90B/162.60A 174.90B/166.50A	170.90B/162.60A		168.30 + 3.60 172.20 + 3.50	.7246 .7315					10 UNCH 8 UNCH
2120 2125			178.90B/170.50A	178.90B/170.50A		176.30 + 3.70 180.30 + 3.70	.7380					3 UNCH 4 UNCH
2130 2135			191.20B/182.40A	191.20B/182.40A		184.40 + 3.80 188.50 + 3.80	.7506 .7570					2 UNCH 3 UNCH
2145 2150			203.70B/194.70A	199.50B/190.60A 203.70B/194.70A		196.80 + 3.90 201.00 + 4.00 205.20 + 4.00	.7689 .7743 .7802					1 UNCH 8 UNCH
2155 2160 2165			207.90B/198.90A 212.20B/203.10A 216.50B/207.30A	207.90B/198.90A 212.20B/203.10A 216.50B/207.30A		203.20 + 4.00 209.40 + 4.10 213.70 + 4.10	.7856 .7909					2 UNCH 6 UNCH 7 UNCH
2170 2175			220.80B/211.50A 225.10B/215.80A	220.80B/211.50A 225.10B/215.80A		218.00 + 4.20 222.30 + 4.20	.7958 .8011					5 UNCH 22 UNCH
2200 2210			247.00B/237.40A 255.90B/246.20A	247.00B/237.40A 255.90B/246.20A		244.10 + 4.40 253.00 + 4.50	.8243 .8326					18 UNCH 11 UNCH
2215 2225			260.30B/250.60A 269.30B/259.50A	260.30B/250.60A 269.30B/259.50A		257.40 + 4.50 266.40 + 4.60	.8367					1 UNCH 18 UNCH
2230 2235 2240			273.80B/264.00A 278.30B/268.50A 282.90B/273.00A	273.80B/264.00A 278.30B/268.50A 282.90B/273.00A		270.90 + 4.70 275.40 + 4.70 280.00 + 4.80	.8483 .8522 .8557					2 UNCH 2 UNCH 2 UNCH
2245 2250			287.40B/277.50A 292.00B/282.00A	287.40B/277.50A 292.00B/282.00A		284.50 + 4.80 289.10 + 4.80	.8591 .8625					3 UNCH 7 UNCH
2255 2265			296.60B/286.60A 305.80B/295.80A	296.60B/286.60A 305.80B/295.80A		293.70 + 4.90 302.90 + 5.00	.8659 .8720					2 UNCH 1 UNCH
2270 2280			310.40B/300.40A 319.70B/309.70A	310.40B/300.40A 319.70B/309.70A		307.50 + 5.00 316.70 + 5.00	.8753					1 UNCH 6 UNCH
2300 2320 2325			338.40B/328.20A 357.30B/347.00A 362.00B/351.80A	338.40B/328.20A 357.30B/347.00A 362.00B/351.80A		335.40 + 5.20 354.20 + 5.30 358.90 + 5.30	.8920 .9012 .9037					3 UNCH 2 UNCH 1 UNCH
2330 2350			365.30B/356.50A 385.80B/375.50A	365.30B/356.50A 385.80B/375.50A		363.70 + 5.40 382.70 + 5.40	.9057 .9145					3 UNCH 9 UNCH
2375 2400			409.70B/399.40A 433.80B/423.40A	409.70B/399.40A 433.80B/423.40A		406.60 + 5.50 430.70 + 5.60	.9232 .9315					6 UNCH 16 UNCH
2475 2500	531.70	531.70	506.90B/496.40A 531.70/520.90A	506.90B/496.40A 531.70/520.90A		503.80 + 5.90 528.30 NEW	.9508			1		1 UNCH 1 + 1
2525 2550 2700			556.10B/545.60A 580.80B/570.30A 728.10B/719.50A	556.10B/545.60A 580.80B/570.30A 728.10B/719.50A		553.00 + 6.00 577.70 + 6.10 727.30 + 6.30	.9599 .9640 .9804					3 UNCH 22 UNCH 1 UNCH
2700 TOTAL	-		, 23.10 <i>b</i> //13.30A	. 20. 10b/ / 13. 3UA		121.30 T 0.30	. 5004			82	==	7803 + 58
AUG23 1200						0.20 UNCH	.0017					10 UNCH
1275 1325						0.30 UNCH 0.40 UNCH 0.50 UNCH	.0028 .0038 .0048					30 UNCH 50 UNCH 40 UNCH
1350 1375 1410						0.30 UNCH 0.70 + 0.10 0.80 UNCH	.0048					9 UNCH 1 UNCH
1425 1430						0.90 UNCH 1.00 UNCH	.0088					30 UNCH 1 UNCH
1450 1500						1.10 UNCH 1.70 UNCH	.0107					2 UNCH 10 UNCH
1525 1530						2.10 UNCH 2.20 + 0.10 2.40 UNCH	.0204 .0213 .0235					1 UNCH 31 UNCH 19 UNCH
1545 1550 1560						2.60 + 0.10 2.80 UNCH	.0251					19 UNCH 13 UNCH 36 UNCH
1600 1615			4.00B/ 4.60B/	4.00B/ 4.60B/		4.00 + 0.10 4.50 UNCH	.0381					765 UNCH 1 UNCH
1620 1625			4.80B/ 5.00B/	4.80B/ 5.00B/		4.70 UNCH 4.90 UNCH	.0446			1 		2 + 1 25 UNCH
1645 1650	6.00	6.00	6.00B/ 6.30B/*6.00	6.00B/ 6.30B/*6.00		5.90 UNCH 6.10 UNCH	.0551			8		2 UNCH 126 + 8
1655 1660 1665			6.60B/ 6.90B/ 7.20B/	6.60B/ 6.90B/ 7.20B/		6.40 UNCH 6.70 UNCH 7.00 UNCH	.0596 .0621 .0647					1 UNCH 4 UNCH 6 UNCH
1670 1675			7.50B/ 7.90B/	7.50B/ 7.90B/		7.30 UNCH 7.60 - 0.10	.0673					2 UNCH 176 UNCH
1690 1700			9.00B/ 9.80B/	9.00B/ 9.80B/		8.70 UNCH 9.50 UNCH	.0791 .0857					3 UNCH 250 UNCH
1710 1720	10.20	10.20	10.70B/10.20 11.70B/	10.70B/10.20 11.70B/		10.40 UNCH 11.30 UNCH	.0929					4 + 4 2 UNCH
1725 1730 1735			12.30B/ 12.80B/ 13.40B/12.80A	12.30B/ 12.80B/ 13.40B/12.80A		11.90 + 0.10 12.40 + 0.10 12.90 UNCH	.1047 .1087 .1127					41 UNCH 1 UNCH 80 UNCH
1750 1770			15.20B/ 18.00B/17.20A	15.20B/ 18.00B/17.20A		14.70 + 0.10 17.50 + 0.20	.1263					714 UNCH 123 UNCH
1775 1780			18.80B/17.90A 19.60B/18.70A	18.80B/17.90A 19.60B/18.70A		18.20 + 0.20 $19.00 + 0.20$	.1520 .1576					380 UNCH 34 UNCH
1790 1800			21.40B/20.30A 23.20B/22.00A	21.40B/20.30A 23.20B/22.00A 24.20B/23.00A		20.60 + 0.20 22.40 + 0.20	.1690					31 UNCH 483 UNCH
1805 1820 1825			24.20B/23.00A 27.40B/25.90A 28.50B/27.00A	27.40B/25.90A 28.50B/27.00A		23.40 + 0.30 26.50 + 0.30 27.60 + 0.20	.1879 .2081 .2152					126 UNCH 1 UNCH 837 UNCH
1830 1835			29.70B/28.10A 30.90B/29.20A	29.70B/28.10A 30.90B/29.20A		28.80 + 0.30 30.00 + 0.30	.2225					27 UNCH 39 UNCH
1850 1855			34.90B/32.90A 36.30B/34.20A	34.90B/32.90A 36.30B/34.20A		33.90 + 0.40 35.30 + 0.50	.2531 .2612			 		86 + 8 2 UNCH
1870 1875			40.80B/38.40A 42.50B/39.90A	40.80B/38.40A 42.50B/39.90A		39.70 + 0.60 $41.20 + 0.50$	.2859			6		2 UNCH 110 + 6
1880 1885 1890			44.10B/41.50A 45.80B/43.10A 47.60B/44.80A	44.10B/41.50A 45.80B/43.10A 47.60B/44.80A		42.90 + 0.70 44.50 + 0.60 46.30 + 0.70	.3031 .3118 .3208					23 UNCH 35 UNCH 34 UNCH
1900 1905			51.30B/48.40A 53.20B/50.10A	51.30B/48.40A 53.20B/50.10A		49.90 + 0.70 51.80 + 0.80	.3389 .3481					222 UNCH 1 UNCH
1910 1915			55.20B/52.10A 57.30B/54.00A	55.20B/52.10A 57.30B/54.00A		53.70 + 0.80 55.70 + 0.80	.3573					1 UNCH 2 UNCH
1925 1930 1950			61.60B/58.00A 63.80B/60.00A 73.20B/68.90A	61.60B/58.00A 63.80B/60.00A 73.20B/68.90A		59.90 + 0.90 62.10 + 1.00 71.40 + 1.20	.3855 .3951 .4335			10		50 UNCH 200 UNCH 452 UNCH
1970 1975			83.60B/78.90A 86.30B/81.50A	83.60B/78.90A 86.30B/81.50A		81.60 + 1.40 84.30 + 1.50	.4720			4		40 UNCH 73 + 4
1985 1990			92.00B/86.70A 94.90B/89.50A	92.00B/86.70A 94.90B/89.50A		89.80 + 1.50 92.70 + 1.70	.5004 .5098			4		122 + 4 30 UNCH
1995 2000			97.80B/92.30A 100.80B/95.10A	97.80B/92.30A 100.80B/95.10A		95.60 + 1.70 $98.60 + 1.80$ $107.70 + 1.90$	.5190 .5283					15 UNCH 1 UNCH
2015 2020 2025			110.10B/104.10A 113.20B/107.10A 116.50B/110.30A	110.10B/104.10A 113.20B/107.10A 116.50B/110.30A		107.70 + 1.90 $110.90 + 2.00$ $114.10 + 2.10$	.5553 .5641 .5727					1 UNCH 2 UNCH 7 UNCH
2030 2035			119.80B/113.40A 123.10B/116.60A	119.80B/113.40A 123.10B/116.60A		117.40 + 2.20 120.70 + 2.20	.5814 .5898					1 UNCH 4 UNCH
2050 2055			133.30B/126.50A 136.80B/129.90A	133.30B/126.50A 136.80B/129.90A		130.90 + 2.40 134.40 + 2.50	.6143 .6224			10 		127 + 10 3 UNCH
2065 2070			143.90B/136.80A 147.50B/140.30A	143.90B/136.80A 147.50B/140.30A		141.50 + 2.70 145.10 + 2.70	.6378 .6455					1 UNCH 1 UNCH
2075 2080 2085			151.20B/144.20A 154.90B/147.70A 158.60B/151.40A	151.20B/144.20A 154.90B/147.70A 158.60B/151.40A		148.70 + 2.70 152.40 + 2.80 156.10 + 2.90	.6528 .6602 .6674					4 UNCH 2 UNCH 6 UNCH
2085 2090 2095			162.40B/155.00A 166.20B/158.70A	162.40B/155.00A 166.20B/158.70A		159.80 + 2.90 163.60 + 3.00	.6744 .6812					3 UNCH 4 UNCH
2100 2105			170.00B/162.40A 173.80B/166.20A	170.00B/162.40A 173.80B/166.20A		167.40 + 3.00 171.30 + 3.10	.6880 .6947					7 UNCH 9 UNCH
2110 2125			177.70B/170.00A 189.60B/181.70A	177.70B/170.00A 189.60B/181.70A		175.20 + 3.20 187.00 + 3.40	.7013 .7199					3 UNCH 6 UNCH
2130 2140			193.60B/185.60A 201.70B/193.60A	193.60B/185.60A 201.70B/193.60A		191.00 + 3.40 199.00 + 3.50	.7261					1 UNCH 1 UNCH
2145 2150			205.80B/197.60A 209.90B/201.60A 214.00B/205.60A	205.80B/197.60A 209.90B/201.60A 214.00B/205.60A		203.10 + 3.50 207.20 + 3.60 211.30 + 3.60	.7432 .7490 7544					3 UNCH 3 UNCH 1 UNCH
2155 2175 2200			230.80B/222.10A 252.20B/243.30A	230.80B/222.10A 252.20B/243.30A		211.30 + 3.60 228.10 + 3.90 249.40 + 4.00	.7544 .7748 .7978			10		9 UNCH 20 + 10
2210 2215			261.00B/251.90A 265.30B/256.30A	261.00B/251.90A 265.30B/256.30A		258.10 + 4.10 262.50 + 4.20	.8064 .8106					1 UNCH 2 UNCH
2220 2225			269.70B/260.60A 274.20B/265.00A	269.70B/260.60A 274.20B/265.00A		266.90 + 4.20 271.30 + 4.30	.8144 .8186					1 UNCH 8 UNCH
2235			283.00B/273.80A	283.00B/273.80A		280.20 + 4.40	.8260					3 UNCH

## **METALS OPTIONS PRODUCTS**

Side 11

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





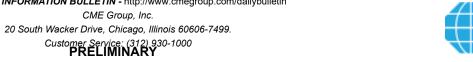
20 South Wacker Drive, Chicago, Illinois 60606-7499.

PG64	1 BULLET	IN # 19@		M	METALS OPTION					Mon,	Jan 30	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME		OPEN INTEREST
OG PU AUG23 2275 2300 2310 2370 2375 2380 2400 2450 2500 2575 2600 TOTAL	603.70	COMEX GOLD OPT:	319.10B/309.50A 342.00B/332.30A 351.30B/341.50A 407.60B/397.80A 412.30B/402.60A 415.30B/407.30A 436.10B/426.30A 484.20B/474.20A 532.80B/522.70A 581.70B/571.70A 606.30B/596.20A 630.90B/620.90A	319.108/309.50A 342.008/332.30A 351.308/341.50A 407.608/397.80A 412.308/402.60A 415.308/407.30A 436.108/426.30A 484.208/474.20A 532.808/522.70A 581.708/571.70A 606.308/596.20A 630.908/620.90A	     	316.20 + 4.70 339.10 + 4.80 348.40 + 5.00 404.60 + 5.30 409.30 + 5.30 414.10 + 5.40 433.10 + 5.40 481.10 + 5.60 529.70 + 5.80 578.60 + 5.90 603.20 NEW 627.90 + 6.10	.8530 .8675 .8724 .8996 .9018 .9036 .9109 .9261 .9388 .9493 .9538					1 UNCH 13 UNCH 2 UNCH 2 UNCH 1 UNCH 1 UNCH 6 UNCH 1 UNCH 18 UNCH 1 UNCH 1 + 1 1 UNCH 66363 + 56
SEP23 1200 12500 13000 13505 14400 14500 15505 15500 16600 15755 15900 16625 16750 18700 18855 17750 18800 18835 18855 18600 18835 18855 18900 19025 1915 19200 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19255 19300 19355 19400 19255 19300 19255 19300 19350 19255 19300 19355 19300 19350 19	36.80	36.80 				0.30 UNCH 0.40 UNCH 0.60 UNCH 0.60 UNCH 0.80 UNCH 1.50 UNCH 1.50 UNCH 1.50 UNCH 1.50 UNCH 1.50 UNCH 2.40 UNCH 2.10 + 0.10 2.40 UNCH 3.60 UNCH 3.90 UNCH 4.40 UNCH 5.00 UNCH 6.50 UNCH 7.90 UNCH 7.90 UNCH 1.80 UNCH 7.90 UNCH 1.80 UNCH 7.90 UNCH 1.80 UNCH 7.30 + 0.10 1.220 UNCH 1.80 + 0.10 1.7.30 + 0.10 1.7.30 + 0.10 1.7.30 + 0.10 1.7.30 + 0.10 1.7.30 + 0.50 1.7.30 + 0.10 1.7.30 +	.0024 .0033 .0050 .0068 .0078 .0096 .0131 .0142 .0208 .0333 .0373 .0421 .0373 .0421 .0373 .0421 .0373 .0421 .0396 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .096500 .0965			1		3 UNCH 4 UNCH 45 UNCH 10 UNCH 21 UNCH 3800 UNCH 61 UNCH 61 UNCH 15 UNCH 1986 UNCH 15 UNCH 1 UNCH 15 UNCH 1 UNCH 2 UNCH 1 UNCH 1 UNCH 2 UNCH 1
0CT233 1200 1275 1300 1325 1350 1375 1400 1525 1550 1560 1565 1575 1600 1675 1695 1775 1800 1725 1875 1880 1890 1930 1970 1975 2100 2075 21100 2075 2125 2260 2275 22350 2370						0.50 UNCH 0.70 - 0.10 0.90 UNCH 1.00 UNCH 1.20 UNCH 1.40 UNCH 1.40 UNCH 1.40 UNCH 2.40 UNCH 3.50 UNCH 4.20 UNCH 5.60 UNCH 6.10 UNCH 7.30 UNCH 11.20 UNCH 11.20 UNCH 11.20 UNCH 11.20 UNCH 11.20 UNCH 12.50 UNCH 14.40 UNCH 17.80 UNCH 1	.0037 .0055 .0070 .0079 .0095 .01111 .0135 .0130 .0275 .0328 .0488 .0458 .0458 .0458 .0468 .0458 .0468			2		30 UNCH 25 UNCH 25 UNCH 25 UNCH 26 UNCH 271 UNCH 16 UNCH 2518 UNCH 51 UNCH 50 UNCH 1252 UNCH 420 UNCH 1 UNCH 25 UNCH 25 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 1 UNCH 25 UNCH 100 UNCH 51 UNCH 25 UNCH 100 UNCH 51 UNCH 20 UNCH 51 UNCH 21 UNCH 22 UNCH 31 UNCH 32 UNCH 1 UNCH

## **METALS OPTIONS PRODUCTS**

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





Side 12

PG64	BULLET	IN # 19@		M	ETALS OPTION	PRODUCTS				Mon,	Jan 30,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
OG PUT OCT23 2375 2380 TOTAL	т 	COMEX GOLD OPTION	403.90B/395.00A	403.90B/395.00A 408.50B/399.50A	====	401.10 + 4.70 405.70 + 4.70	.8506 .8527			 2		25 5 6224	UNCH UNCH 0
NOV23 1400 1615 1655 1660 1750 1825 1910 1950 1990 2275		    	 12.508/ 12.908/ 23.508/ 38.108/37.10A 64.508/62.40A 81.208/78.30A 100.808/97.50A	 12.508/ 12.908/ 23.508/ 38.108/37.10A 64.508/62.40A 81.208/78.30A 100.808/97.00A 304.908/297.50A	   	2.20 UNCH 9.40 - 0.10 12.30 - 0.10 12.70 - 0.10 23.10 + 0.10 37.50 + 0.20 63.40 + 0.60 79.90 + 0.80 99.30 + 1.10 302.90 + 3.80	.0160 .0651 .0835 .0861 .1467 .2202 .3291 .3868 .4457 .7618			   80		25 1 1 1 22 2 50 -	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
2500 TOTAL DEC23 1000			507.60B/499.50A	507.60B/499.50A		505.10 + 4.90 0.20 UNCH	.0013			80		1 112 - 5	UNCH 30
1050 1100 1120 1200 1250 1300 1325 1350 1400 1450 1465 1470		      	======================================	     	     	0.30 UNCH 0.40 UNCH 0.50 UNCH 1.10 UNCH 1.50 UNCH 1.50 UNCH 2.10 UNCH 2.10 UNCH 2.10 UNCH 2.90 + 0.10 3.90 - 0.10 4.30 - 0.10 4.40 - 0.10	.0020 .0027 .0033 .0054 .0075 .0103 .0123 .0144 .0198 .0266 .0293					4 19 2 152 101 701 2 84 157	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
1500 1510 1550 1570 1575 1580 1600 1625 1650 1675 1700		    	    14.40b/ 16.90b/	    14.408/ 16.908/ 19.808/	    	5.50 UNCH 5.80 UNCH 7.60 UNCH 8.60 UNCH 9.20 UNCH 10.40 UNCH 12.20 UNCH 14.30 UNCH 16.70 UNCH	.0370 .0390 .0503 .0566 .0584 .0603 .0677 .0784 .0907 .1045			18		381 2 806 2 1 1 603 - 10 234 1 1623	UNCH UNCH UNCH UNCH UNCH 18 UNCH UNCH UNCH UNCH
1725 1740 1750 1775 1800 1805 1825 1835 1840 1850 1860		    	23.208/ 25.508/ 27.108/ 31.608/ 36.908/ 38.008/ 42.908/ 45.608/44.70A 47.008/ 49.908/ 52.908/51.80A	23.208/ 25.508/ 27.108/ 31.608/ 36.908/ 38.008/ 45.608/44.70A 47.008/ 49.908/ 52.908/51.80A	    	22.90 UNCH 25.10 UNCH 26.70 UNCH 31.20 UNCH 36.40 + 0.10 37.50 + 0.10 42.30 + 0.10 45.00 + 0.20 46.30 + 0.20 49.20 + 0.30 52.10 + 0.20	.1381 .1496 .1578 .1799 .2043 .2094 .2307 .2421 .2477 .2595			18		26 6 410 49 342 - 1 29 2 1 416 75	UNCH UNCH UNCH 18 UNCH UNCH UNCH UNCH UNCH UNCH UNCH
1870 1875 1880 1890 1900 1905 1920 1925 1950	64.80	64.80  	56.108/54.90A 57.708/56.50A 59.40B/ 62.908/61.60A 66.608/64.80 68.50B/67.00A 74.40B/72.80A 76.50B/74.80A 87.50B/85.50A 99.50B/97.30A 112.60B/100.30A	56.108/54.90A 57.708/56.50A 59.40B/ 62.908/61.60A 66.608/64.80 68.508/67.00A 74.40B/72.80A 75.508/74.80A 87.508/85.50A 99.508/97.30A 112.60B/109.90A		55.30 + 0.30 56.90 + 0.30 58.60 + 0.40 62.10 + 0.40 65.70 + 0.50 73.40 + 0.50 75.50 New 86.40 + 0.70 98.30 + 0.90 111.30 + 1.00	.2838 .2900 .2963 .3092 .3222 .3288 .3488 .3556 .3898 .4244			3  36  18		100 320 130 2 114 + 10 1 36 + 61 182	UNCH UNCH UNCH 3 UNCH UNCH 36 UNCH UNCH 17
2000 2015 2050 2100 2200 2300 TOTAL			141.80B/138.10A 174.50B/170.10A 248.40B/243.40A	121.008/118.10A 121.00B/118.10A 141.80B/138.10A 174.50B/170.10A 248.40B/243.40A 330.70B/324.80A		111.30 + 1.00 119.60 + 1.20 140.30 + 1.40 172.90 + 1.90 246.80 NEW 328.90 + 3.70	.4794 .5254 .5862 .6873 .7629			18  18  111		42 + 1 84 124 18 + 1 7480+	UNCH UNCH UNCH 18 UNCH 38
FEB24 2020 TOTAL						125.10 - 0.70	.4613					37 37	UNCH 0
JUN24 1880 1970 2000 TOTAL						79.30 + 1.20 115.30 + 1.80 129.60 + 1.90	.2869 .3747 .4050					75 100 130 305	UNCH UNCH UNCH 0
DEC24 1700 TOTAL						49.40 + 0.40	.1610					100 100	UNCH 0
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
OG CAI MAR233 1300 1350 1600 1615 1655 1670 1675 1680 1685 1700 1705 1710 1715 1720 1725 1730 1745 1750 1745 1750 1760 1775 1780 1785 1795 1805 1815 1795 1805 1810 1810 1810 1810 1810 1810 181		COMEX GOLD OPTI	648.20B/637.10A 598.20B/587.00A 423.20B/411.90A 348.30B/336.90A 333.20B/311.90A 238.30B/286.90A 293.30B/281.90A 278.30B/266.90A 278.30B/266.90A 278.30B/266.90A 263.30B/251.90A 268.30B/256.90A 263.30B/251.90A 268.30B/256.90A 263.30B/211.90A 228.30B/241.90A 248.30B/236.90A 248.30B/237.00A 238.30B/211.50A 238.30B/217.00A 248.50B/167.20A 178.60B/162.00A 168.70B/157.40A 163.50B/162.00A 163.50B/152.50A 153.90B/142.70A 149.10B/137.50A 144.20B/133.00A 139.30B/123.40A 129.60B/118.60A 124.90B/113.50A 120.10B/109.10B	648.20B/637.10A 598.20B/587.00A 423.20B/411.90A 348.30B/336.90A 333.20B/321.90A 303.30B/291.90A 298.30B/286.90A 273.30B/286.90A 278.30B/266.90A 278.30B/251.90A 268.30B/251.90A 268.30B/251.90A 268.30B/251.90A 268.30B/251.90A 268.30B/251.90A 268.30B/251.90A 268.30B/251.90A 268.30B/211.90A 273.30B/221.00A 283.30B/211.90A 283.30B/211.00A 283.30B/211.00A 283.30B/211.00A 283.30B/211.00A 283.30B/21.00A 283.30B/21.10A 283.30B/21.10A 283.30B/21.10A 283.30B/21.10A 283.30B/21.10A 283.30B/21.10A 283.30B/21.10A 285.30B/177.10A 285.30B/185.10A 285.30B/177.10A 285.30B/185.10A 285.30B/177.10A 285.30B/185.70A 285.30B/177.10A 285.30B/185.70A 285.30B/177.10A 285.30B/185.70A 285.30B/177.10A 285.30B/185.70A 285.30B/177.10A 285.30B/185.70A 285.30B/177.10A 285.30B/185.70A 285.30B/185.70A 285.30B/185.70A 285.30B/185.70A 285.30B/185.70A 285.30B/185.70A 285.30B/185.70A		639.20 - 6.40 589.20 - 6.40 414.20 - 6.40 339.20 - 6.40 324.20 - 6.40 2294.20 - 6.40 289.20 - 6.40 289.20 - 6.40 269.20 - 6.40 259.20 - 6.40 259.20 - 6.40 244.20 - 6.40 259.20 - 6.40 249.20 - 6.40 249.20 - 6.40 229.20 - 6.50 234.20 - 6.40 239.20 - 6.6.0 239.20 - 6.50 214.30 - 6.30 214.30 - 6.30 214.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.30 199.30 - 6.40 159.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.30 179.50 - 6.40 189.30 - 6.40 185.50 - 6.40 155.50 - 6.40 155.50 - 6.40 135.50 - 6.40 135.50 - 6.40 135.50 - 6.40 135.50 - 6.40 135.50 - 6.40 135.50 - 6.40 135.50 - 6.40 115.90 - 6.50	1.0000 1.0000 1.0000 1.0000 1.0000 1.9962 9961 9958 9958 9959 9959 9959 9959 9959 995					50 3 1 6 106 - 9 5 65 221 18 203 447 - 12 64 22 308 18 32 17 271 522 31 158 410 213 957 - 810 -	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
1835 1840 1845 1850			115.40B/104.50A 110.70B/99.80A 106.10B/94.90A 101.50B/90.40A	115.40B/104.50A 110.70B/99.80A 106.10B/94.90A 101.50B/90.40A		106.50 - 6.40 101.90 - 6.40 97.30 - 6.40 92.70 - 6.40	.9299 .9202 .9103 .9003			13 		49 408 - 76 - 3009 -	U

## **METALS OPTIONS PRODUCTS**

Side 13

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



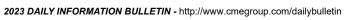
CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.



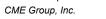
PG64	BULLET	IN # 19@		N	METALS OPTION	PRODUCTS				Mon,	Jan 30	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME		INTE	OPEN EREST
OG CAI MAR23 1855	LL 	COMEX GOLD OPTI	ONS 96.90B/86.00A	96.90B/86.00A		88.20 - 6.40	.8884					292 -	1
1860 1865	85.90 	85.90 	92.40B/81.60A 88.00B/77.30A 83.70B/73.00A	92.40B/81.60A 88.00B/77.30A 83.70B/73.00A		83.80 - 6.40 79.50 - 6.30 75.30 - 6.20	.8747 .8595 .8441			1 		371 148 - 234	UNCH 2 UNCH
1870 1875 1880			79.40B/68.90A 75.00B/64.90A	79.40B/68.90A 75.00B/64.90A		71.10 - 6.20 67.00 - 6.20	.8271 .8087			1		1610 333 -	UNCH 13
1885 1890 1895	60.90	60.90	71.00B/60.90A 66.90B/57.10A 62.90B/53.40A	71.00B/60.90A 66.90B/57.10A 62.90B/53.40A		63.00 - 6.10 59.10 - 6.00 55.30 - 5.90	.7890 .7680 .7458			2		129 - 63 158 -	UNCH 9
1900 1905 1910	56.30 47.60	56.30 47.60	59.10B/49.80A 55.30B/46.40A 51.70B/43.10A	59.10B/49.80A 55.30B/46.40A 51.70B/43.10A		51.60 - 5.80 48.10 - 5.70 44.80 - 5.50	.7225 .6974 .6710			36 1 		5119 - 249 - 1500 -	3 2 21
1915 1920 1925	40.00 37.30	40.00 37.30	48.20B/39.90A 44.90B/36.90A 41.90B/34.10A	48.20B/39.90A 44.90B/36.90A 41.90B/34.10A		55.30 - 5.90 51.60 - 5.80 48.10 - 5.70 44.80 - 5.50 41.60 - 5.30 38.50 - 5.20 35.50 - 5.10	.6445 .6169 .5885			16 131		189 - 366 - 2924 +	2 41 63
1930 1935 1940	32.10 30.80 28.80	32.10 30.80 28.80	38.80B/31.40A 36.40B/28.80A 33.60B/26.50A	38.80B/31.40A 36.40B/28.80A 33.60B/26.50A		32.80 - 4.90 30.10 - 4.80 27.60 - 4.70	.5599 .5311 .5021			6 19 77		461 - 200 - 256 -	19 3 5
1945 1950	26.30 23.70 23.50	26.30 23.70 23.50	31.10B/24.30A 28.60B/22.20A	31.10B/24.30A 28.60B/22.20A		25.30 - 4.50 23.10 - 4.30 21.10 - 4.00	.4733 .4447 .4168			14 36 76		195 - 4593 + 622 -	8 10 20
1955 1960 1965	19.20 18.40	19.20 18.40	26.30B/20.20A 24.10B/18.40A 22.20B/16.80A	26.30B/20.20A 24.10B/18.40A 22.20B/16.80A		19.20 - 3.80 17.50 - 3.60	.3893 .3630			28 7		388 - 364 -	5 4
1970 1975 1980	19.50 17.40 13.30	19.50 17.40 13.30	20.20B/15.20A 18.40B/13.80A 16.80B/12.50A	20.20B/15.20A 18.40B/13.80A 16.80B/12.50A		15.90 - 3.40 14.40 - 3.30 13.10 - 3.00	.3375 .3127 .2897			37 58 4		563 - 2320 - 372 -	13 6 9
1985 1990 1995	12.50 11.30 10.30	12.50 11.30 10.30	15.30B/11.30A 14.00B/10.30A 12.70B/9.30A	15.30B/11.30A 14.00B/10.30A 12.70B/9.30A		11.90 - 2.80 10.80 - 2.60 9.80 - 2.40 8.90 - 2.20 8.00 - 2.00	.2679 .2472 .2278			3 20 59		130 + 694 - 430 -	1 8 4
2000 2005 2010	10.50 8.50 8.20	10.50 8.50 8.20	11.50B/8.40A 10.50B/7.60A 9.50B/6.90A	11.50B/8.40A 10.50B/7.60A 9.50B/6.90A		8.90 - 2.20 8.00 - 2.00 7.20 - 1.90	.2098 .1920 .1755			372 46 26		7534 - 250 + 231 +	130 4 12
2015 2020 2025	5.80 6.30	5.80 6.30	8.50B/6.20A 7.70B/5.60 6.90B/5.10A	8.50B/6.20A 7.70B/5.60 6.90B/5.10A		6.50 - 1.80 5.90 - 1.60 5.40 - 1.40	.1606 .1472 .1355			23 10 9		80 + 232 - 877 +	4 2 3
2030 2035 2040	5.50 4.60 4.60	5.50 4.60 4.60	6.30B/4.70A 5.70B/4.20 5.10B/3.70	6.30B/4.70A 5.70B/4.20 5.10B/3.70		4.90 - 1.30 4.40 - 1.20 4.00 - 1.10	.1240 .1128 .1032			334 7 228		1666 - 259 + 493 +	216 1 92
2045 2050	3.80	3.80 3.60	3.80/3.50A 3.60/3.20 /*2.90A	3.80/3.50A 3.60/3.20		3.60 - 1.10 3.30 - 0.90 3.00 - 0.80	.0938 .0862 .0788			102 28 15		318 + 3661 -	100 5 8
2055 2060 2065	2.90 2.70	2.90 2.70	3.00/*2.70 2.70/*2.40A 2.90B/*2.20A /*2.10A	/*2.90A 3.00/*2.70 2.70/*2.40A		2.70 - 0.80 2.50 - 0.70	.0715 .0662			16 3		115 + 250 - 180	6 UNCH
2070 2075 2080	2.60	2.60  2.50	2.90B/*2.20A /*2.10A 2.50/*1.90 1.90/*1.70	2.90B/*2.20A /*2.10A 2.50/*1.90 1.90/*1.70		2.30 - 0.60 2.10 - 0.60 1.90 - 0.60	.0609 .0558 .0508			23 12		565 - 4893 - 176 +	1 14 6
2085 2090 2095	1.90 1.90 1.50	1.90 1.90 1.50		1.90/*1.70 2.00B/*1.60A 1.50/*1.50 1.80/*1.40		1.80 - 0.50 1.60 - 0.50 1.50 - 0.40	.0477 .0428 .0400			16 3 5		181 + 117 + 65 -	3 1 1
2100 2105 2110	1.80 1.40	1.80 1.40	1.80/*1.40 1.40/*1.30A /*1.20A	1.80/*1.40 1.40/*1.30A /*1.20A		1.40 - 0.40 1.30 - 0.30 1.20 - 0.30	.0372 .0344 .0318			13 1		4500 - 188 - 347 -	13 5 2
2115 2120 2125	1.00	1.00	1.50/*1.50A 1.50/*1.50 1.80/*1.40 1.40/*1.30A /*1.20A /*1.10A 1.00/*1.00 /*1.00A	1.40/*1.30A /*1.20A /*1.10A 1.00/*1.00 /*1.00A		1.10 - 0.30 1.10 - 0.20 1.00 - 0.20	.0291 .0286 .0261			1 		135 205 - 313	UNCH 6 UNCH
2130 2135 2140	0.90	0.90	0.90/*0.90 /*0.90A	/*0.90A		0.90 - 0.20 0.90 - 0.10 0.80 - 0.20	.0236 .0231 .0207			5 		133 - 37 208 -	14 UNCH 6
2145 2150 2155	0.70	0.70	/*0.80A /*0.80A 0.70/*0.70 /*0.70A	/*0.80A /*0.80A 0.70/*0.70 /*0.70A		0.70 - 0.20 0.70 - 0.10 0.60 - 0.20	.0183 .0180 .0157			3	600 	668 + 1734 - 14	600 1 UNCH
2160 2165	0.60	0.60	0.60/*0.60 /*0.60A	0.60/*0.60 /*0.60A		0.60 - 0.10 0.60 - 0.10 0.50 - 0.10	.0154 .0152 .0129			<u>-</u> 3		93 + 227 178 +	1 UNCH
2170 2175 2180	0.50	 0.50	 /*0.50A 0.50/*0.50	 /*0.50A 0.50/*0.50		0.50 - 0.10 0.50 - 0.10 0.50 - 0.10 0.40 - 0.10	.0127 .0125 .0103			  2		134 - 225 - 79 -	6 20 2
2185 2190 2195	0.50	0.50	0.50/*0.50 0.50/*0.50  0.50/*0.40A	0.50/*0.50		$ \begin{array}{rrrr} 0.40 & - & 0.10 \\ 0.40 & - & 0.10 \end{array} $	.0101 .0100			1 20		163 - 16 -	1 20
2200 2205 2210	0.50  0.40	0.50  0.40	0.40/*0.40	0.50/*0.40A  0.40/*0.40		0.40 - 0.10 0.40 UNCH 0.40 UNCH	.0098 .0097 .0095			1  3		6377 + 114 _8 -	1 UNCH 3
2215 2220 2225	0.40 0.40 	0.40 0.40	0.40/*0.40 0.40/0.40	0.40/*0.40 0.40/0.40 		0.40 UNCH 0.30 - 0.10 0.30 - 0.10	.0094 .0073 .0072			9 1 		78 + 55 + 65	7 1 UNCH
2230 2235 2240	0.30 0.30	0.30 0.30	0.30/*0.30 0.30/*0.30	0.30/*0.30 0.30/*0.30		0.30 - 0.10 0.30 UNCH 0.30 UNCH	.0071 .0070 .0069			7 6		25 8 + 12 <u>1</u> +	UNCH 7 5
2245 2250 2255	0.40	0.40	0.40/*0.30A	0.40/*0.30A		0.30 UNCH 0.30 UNCH 0.30 UNCH	.0068 .0068 .0067			1		2706 + 1	UNCH 1 UNCH
2260 2265 2270						0.30 UNCH 0.30 UNCH 0.30 UNCH	.0066 .0065 .0065					92 20 - 4	UNCH 2 UNCH
2275 2280 2290						0.30 UNCH 0.30 UNCH 0.30 UNCH	.0064 .0063 .0062					76 74 18 -	UNCH UNCH 1
2300 2305 2310						0.20 UNCH 0.20 UNCH 0.20 UNCH	.0043 .0042 .0042					1826 - 5 24	8 UNCH UNCH
2320 2325	0.20  0.20	0.20  0.20	0.20/*0.20  0.20/*0.20	0.20/*0.20  0.20/*0.20		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0041 .0041 .0040			2  28		101 94 33 +	UNCH UNCH 27
2330 2340 2350	0.20	0.20	0.20/0.20	0.20/0.20		0.20 UNCH 0.20 UNCH 0.20 UNCH	.0039			14		42 920 - 73	UNCH 5 UNCH
2360 2370 2375						0.20 UNCH 0.20 UNCH	.0037 .0037					326 235 -	UNCH 10
2400 2425 2450						0.20 UNCH 0.20 + 0.10 0.20 + 0.10	.0036 .0034 .0033					898 - 174 82	UNCH UNCH
2475 2500 2525	0.10	0.10 	0.10/*0.10 	0.10/*0.10 		0.20 + 0.10 0.10 UNCH 0.10 UNCH	.0032 .0017 .0011			10 		109 671 256	UNCH UNCH UNCH
2550 2600 2650						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0007 .0003 .0001					496 148 207 -	UNCH UNCH 4
2700 2750 2800						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000 .0000 .0000					1227 457 194	UNCH UNCH UNCH
2850 2900 2950						0.10 UNCH 0.10 UNCH 0.10 UNCH						173 - 251 - 407 -	10 2 12
3000 3600						0.10 UNCH 0.10 UNCH				 2060	 600	1828 155 92391+	UNCH UNCH 191
TOTAL APR23 1000			947.80B/937.30A	947.80B/937.30A		939.20 - 6.40	1.0000					6	UNCH
1250 1300 1400			698.00B/687.20A 648.00B/637.20A 548.00B/537.20A	698.00B/687.20A 648.00B/637.20A 548.00B/537.20A		689.20 - 6.40 639.20 - 6.40 539.20 - 6.40	1.0000 1.0000 1.0000					1 23 26	UNCH UNCH UNCH
1450 1450 1510 1550			498.00B/487.30A 438.00B/427.10A 398.10B/387.10A	498.00B/487.30A 438.00B/427.10A 398.10B/387.10A		489.20 - 6.40 429.20 - 6.40 389.20 - 6.40	.9999 .9994 .9990					46 1 5	UNCH UNCH UNCH
1585 1600			363.10B/352.20A 348.10B/337.10A 328.10B/317.30A	363.10B/352.20A 348.10B/337.10A 328.10B/317.30A		354.20 - 6.40 339.20 - 6.40 319.20 - 6.40	.9965 .9945 .9940					1 16 1	UNCH UNCH UNCH
1620 1630 1635			318.10B/307.20A 313.10B/302.20A 308.20B/297.20A	318.10B/307.20A 313.10B/302.20A 308.20B/297.20A		309.20 - 6.40 304.20 - 6.40 299.20 - 6.40	.9921 .9919 .9918					6 12 14	UNCH UNCH UNCH
1640 1645 1650			303.20B/292.20A 298.20B/286.60A	303.20B/292.20A 298.20B/286.60A		294.20 - 6.40 289.20 - 6.40	.9900 .9898					15 251	UNCH UNCH
1655 1660 1665			293.20B/282.20A 288.20B/277.20A 283.40B/272.20A	293.20B/282.20A 288.20B/277.20A 283.40B/272.20A		284.20 - 6.40 279.30 - 6.30 274.30 - 6.30	.9896 .9878 .9876					27 33 28	UNCH UNCH UNCH
1670	NEOPMATTON	CONTAINED IN THE	278.40B/267.20A	278.40B/267.20A	ITENCE OF THE USE	269.30 - 6.40	.9858			ACCURACY		70	UNCH

## **METALS OPTIONS PRODUCTS**

Side 14









20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000

PG64	4 BULLET:	IN # 19@	METALS OPTION PRODUCTS						Mon, Jan 30,			2023 PG64	
	GLOBEX OPEN OUTCRY GLOBEX OPEN OPEN RANGE HIGH/LOW			OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST	
OG CA		COMEX GOLD OPT											
1675 1680			273.40B/261.70A 268.50B/257.40A 263.40B/252.40A	273.40B/261.70A 268.50B/257.40A 263.40B/252.40A		264.30 - 6.40 259.40 - 6.30 254.40 - 6.30	.9856 .9853 .9835					33 UNCH 11 UNCH 12 UNCH	
1685 1690 1695			258.60B/247.40A 253.60B/242.60A	258.60B/247.40A 253.60B/242.60A		249.50 - 6.30 244.50 - 6.40	.9817					15 UNCH 6 UNCH	
1700 1705			248.70B/237.10A 243.80B/232.60A 238.90B/227.70A	248.70B/237.10A 243.80B/232.60A 238.90B/227.70A		239.60 - 6.30 234.60 - 6.40 229.70 - 6.40	.9795 .9776 .9757					927 UNCH 226 UNCH 2 UNCH	
1710 1715 1720			234.00B/222.80A 229.10B/217.90A	234.00B/222.80A 229.10B/217.90A		224.80 - 6.40 219.90 - 6.40	.9738 .9719					252 UNCH 105 UNCH	
1725 1730			224.20B/212.60A 219.20B/208.20A 214.50B/203.30A	224.20B/212.60A 219.20B/208.20A 214.50B/203.30A		215.00 - 6.40 210.20 - 6.30 205.30 - 6.40	.9699 .9679 .9645					273 UNCH 5 UNCH 2 UNCH	
1735 1740 1745	205.20	205.20	209.60B/198.50A 204.80B/193.70A	209.60B/198.50A 204.80B/193.70A		200.50 - 6.40 195.70 - 6.40	.9610 .9576			1		151 - 1 157 UNCH	
1750 1755 1760			200.00B/188.50A 195.20B/184.10A 190.40B/179.30A	200.00B/188.50A 195.20B/184.10A 190.40B/179.30A		190.90 - 6.40 186.10 - 6.40 181.30 - 6.40	.9541 .9505 .9469					976 UNCH 4 UNCH 54 UNCH	
1765 1770			185.60B/174.70A 180.90B/170.00A	185.60B/174.70A 180.90B/170.00A		176.60 - 6.40 171.90 - 6.30	.9421 .9383					5 UNCH 111 UNCH	
1775 1780 1785			176.20B/164.80A 171.50B/160.50A 166.70B/156.00A	176.20B/164.80A 171.50B/160.50A 166.70B/156.00A		167.20 - 6.30 162.50 - 6.30 157.90 - 6.30	.9334 .9283 .9220					107 UNCH 13 UNCH 1 UNCH	
1790 1795			162.10B/151.30A 157.50B/146.70A	162.10B/151.30A 157.50B/146.70A		153.30 - 6.30 148.70 - 6.30	.9157 .9094					155 UNCH 166 UNCH	
1800 1805 1810			153.00B/141.90A 148.40B/137.40A 143.90B/133.00A	153.00B/141.90A 148.40B/137.40A 143.90B/133.00A		144.10 - 6.40 139.60 - 6.40 135.20 - 6.30	.9029 .8953 .8876					1492 UNCH 31 UNCH 351 UNCH	
1815 1820			139.40B/128.50A 135.10B/124.20A	139.40B/128.50A 135.10B/124.20A		130.80 - 6.30 126.40 - 6.30	.8789 .8701					85 UNCH 135 UNCH	
1825 1830 1835			130.70B/119.90A 126.20B/115.60A 121.90B/111.40A	130.70B/119.90A 126.20B/115.60A 121.90B/111.40A		122.00 - 6.30 117.80 - 6.20 113.50 - 6.30	.8612 .8513 .8404					309 - 1 167 UNCH 133 UNCH	
1840 1845	110.10	110.10	117.70B/107.30A 113.50B/103.20A 109.40B/99.20A	117.70B/107.30A 113.50B/103.20A 109.40B/99.20A		109.40 - 6.20 105.20 - 6.20 101.20 - 6.20	.8295 .8184 .8057			2  250		385 - 6 192 UNCH 1946 - 44	
1850 1855 1860			105.30B/95.30A 101.30B/91.40A	105.30B/95.30A 101.30B/91.40A		97.20 - 6.10 93.40 - 6.00	.7930 .7795					419 - 3 59 UNCH	
1865 1870 1875			97.40B/87.60A 93.50B/83.90A 89.70B/80.20A	97.40B/87.60A 93.50B/83.90A 89.70B/80.20A		89.50 - 6.00 85.80 - 5.90 82.10 - 5.90	.7659 .7510 .7360					88 UNCH 27 - 1 571 UNCH	
1880 1885	80.80	80.80	86.00B/76.70A 82.30B/73.30A	86.00B/76.70A 82.30B/73.30A		78.50 - 5.80 75.00 - 5.80	.7210 .7048			1		113 UNCH 88 UNCH	
1890 1895 1900			78.80B/69.90A 75.30B/66.70A 72.00B/63.50A	78.80B/69.90A 75.30B/66.70A 72.00B/63.50A		71.60 - 5.70 68.30 - 5.60 65.00 - 5.60	.6882 .6715 .6540					704 UNCH 140 UNCH 4245 - 13	
1905 1910			68.70B/60.40A 65.50B/57.50A	68.70B/60.40A 65.50B/57.50A		61.90 - 5.50 58.90 - 5.40	.6365 .6184					58 - 5 23 UNCH	
1915 1920 1925	56.30  53.00	56.30  53.00	62.70B/54.60A 59.60B/51.80A 57.20B/49.10A	62.70B/54.60A 59.60B/51.80A 57.20B/49.10A		56.00 - 5.30 53.20 - 5.20 50.50 - 5.10	.6001 .5818 .5632			1 2 7		100 + 1 71 - 1 1045 - 9	
1930 1935	50.00	50.00	54.40B/46.60A 51.70B/44.10A	54.40B/46.60A 51.70B/44.10A		47.90 - 4.90 45.30 - 4.90	.5446 .5259			2 1		226 + 2 181 - 2	
1940 1945 1950	43.30 40.90 39.90	43.30 40.90 39.90	49.10B/41.80A 46.60B/39.50A 44.20B/37.40A	49.10B/41.80A 46.60B/39.50A 44.20B/37.40A		42.90 - 4.80 40.60 - 4.60 38.40 - 4.50	.5072 .4887 .4702			10 7 1214		718 - 8 71 - 4 6867 - 821	
1955 1960	36.70  33.20	36.70  33.20	41.90B/35.30A 39.60B/33.40A 37.60B/31.40A	41.90B/35.30A 39.60B/33.40A 37.60B/31.40A		36.30 - 4.30 34.30 - 4.20 32.40 - 4.00	.4520 .4340 .4164			1 145		76 + 1 169 + 41 113 UNCH	
1965 1970 1975	34.70 31.10	34.70 31.10	35.50B/29.70A 33.60B/28.00A	35.50B/29.70A 33.60B/28.00A		30.60 - 3.90 28.80 - 3.80	.3991			2 7	300	561 + 147 1123 - 4	
1980 1985 1990			31.80B/26.40A 30.00B/24.80A 28.30B/23.40A	31.80B/26.40A 30.00B/24.80A 28.30B/23.40A		27.20 - 3.60 25.60 - 3.50 24.10 - 3.40	.3654 .3490 .3331			 		956 UNCH 114 UNCH 117 UNCH	
1995 2000	22.70	22.70	26.70B/22.10A 25.20B/20.80A	26.70B/22.10A 25.20B/20.80A		22.70 - 3.30 21.30 - 3.20	.3178 .3026			322		70 UNCH 4312 - 116	
2005 2010 2015	 19.30	 19.30	23.80B/19.60A 22.40B/18.40A 21.10B/17.30A	23.80B/19.60A 22.40B/18.40A 21.10B/17.30A		20.10 - 3.00 18.90 - 2.90 17.80 - 2.70	.2885 .2745 .2612			15 2		27 UNCH 259 - 10 57 - 4	
2020 2025	16.10	16.10	19.90B/16.30A 18.70B/15.30A	19.90B/16.30A 18.70B/15.30A		16.70 - 2.60 15.70 - 2.50	.2481 .2356			2 12		134 - 1 1041 + 3	
2030 2035 2040	14.60  15.30	14.60  15.30	17.60B/14.40A 16.60B/13.60A 15.60B/12.80A	17.60B/14.40A 16.60B/13.60A 15.60B/12.80A		14.80 - 2.40 13.90 - 2.30 13.10 - 2.20	.2240 .2125 .2018			 3		127 UNCH 228 UNCH 887 UNCH	
2045 2050	12.30	12.30	14.60B/12.00A 13.70B/11.30A 12.90B/10.70A	14.60B/12.00A 13.70B/11.30A 12.90B/10.70A		12.30 - 2.10 11.60 - 2.00 10.90 - 1.90	.1912 .1816			1341	450 	67 UNCH 2420 - 429 40 UNCH	
2055 2060 2065	9.70	9.70	12.20B/10.00A 11.50B/9.50A	12.20B/10.00A 11.50B/9.50A		10.30 - 1.80 9.70 - 1.70	.1720 .1634 .1549			<u>-</u> 6		68 UNCH 253 - 4	
2070 2075 2080	8.90 8.60	8.90 8.60	/8.90A 8.90/8.40A 8.90/7.90A	/8.90A 8.90/8.40A 8.90/7.90A		9.20 - 1.60 8.60 - 1.60 8.20 - 1.40	.1474 .1390 .1327			3 2 77	50 	460 + 50 493 - 3 1182 + 26	
2085 2090	7.60	7.60	7.60/7.40A /7.10A	7.60/7.40A /7.10A		7.70 - 1.40 7.30 - 1.30	.1254 .1192			3 1		43 - 1 231 UNCH	
2095 2100 2105	7.20 7.80	7.20 7.80	8.00B/6.70A 7.80/6.30 /6.00A	8.00B/6.70A 7.80/6.30 /6.00A		6.90 - 1.20 6.50 - 1.20 6.20 - 1.10	.1131 .1071 .1022			2 61 1		39 UNCH 3976 - 19 111 UNCH	
2110 2115			/5.70A /5.40A /5.10A	/5.70A /5.40A /5.10A		5.80 - 1.10 5.50 - 1.00 5.20 - 1.00	.0963 .0915			17 		398 - 1 75 + 16 88 - 1	
2120 2125 2130	5.00	5.00	/4.80A 5.00/4.60A	/4.80A 5.00/4.60A		5.00 - 0.90 4.70 - 0.90	.0868 .0832 .0786					91 - 6 120 + 1	
2135 2140 2145			/4.30A /4.10A /*3.90A	/4.30A /4.10A /*3.90A		4.50 - 0.80 4.20 - 0.80 4.00 - 0.80	.0752 .0707 .0673			 7		13 UNCH 165 - 8 25 - 4	
2150 2155	4.30	4.30	4.50/*3.70A /*3.60A	4.50/*3.70A /*3.60A		3.80 - 0.70 3.60 - 0.70	.0640 .0608			20		619 + 1 14 UNCH	
2160 2165 2170	3.70 3.50	3.70 3.50	3.70/*3.40 3.50/*3.20A /*3.10A	3.70/*3.40 3.50/*3.20A /*3.10A		3.50 - 0.60 3.30 - 0.60 3.10 - 0.60	.0587 .0556 .0524			9 8 		79 UNCH 40 – 2 44 UNCH	
2175 2180	3.20 2.90	3.20 2.90	/*2.90A 3.20/*2.80A 2.90/*2.70	/*2.90A 3.20/*2.80A 2.90/*2.70		3.00 - 0.60 2.80 - 0.60 2.70 - 0.50	.0505 .0474			13 4 9		112 - 2 56 - 1	
2185 2190 2195			/*2.60A /*2.40A	/*2.60A /*2.40A		2.60 - 0.50 2.50 - 0.40	.0456 .0438 .0420					80 UNCH 34 UNCH	
2200 2205 2210	2.80 2.30	2.80 2.30	2.80/*2.30A 2.30/*2.20A /*2.10A	2.80/*2.30A 2.30/*2.20A /*2.10A		2.30 - 0.50 2.20 - 0.50 2.10 - 0.50	.0390 .0373 .0356			91 5 3		1733 - 53 37 UNCH 24 - 2	
2215 2220	2.10	2.10	/*2.10A /*2.10A 2.10/*2.00A	/*2.10A 2.10/*2.00A		2.00 - 0.40 2.00 - 0.30	.0339			2		302 UNCH 36 + 2	
2225 2230 2235	1.90 	1.90	1.90/*1.90 /*1.80A /*1.70A	1.90/*1.90 /*1.80A /*1.70A		1.90 - 0.30 1.80 - 0.30 1.70 - 0.30	.0318 .0302 .0286			6 3 8		98 - 4 40 - 1 29 - 3	
2240 2245	1.70	1.70	1.70/*1.70 /*1.60A	1.70/*1.70 /*1.60A		1.60 - 0.40 1.60 - 0.30	.0270 .0267			29		59 + 29 20 UNCH	
2250 2255 2260	1.50 1.60	1.50 1.60	1.50/*1.50 1.60/*1.40 /*1.40A	1.50/*1.50 1.60/*1.40 /*1.40A		1.50 - 0.30 1.50 - 0.20 1.40 - 0.30	.0251 .0249 .0233			257 6 		1755 - 156 25 - 1 79 UNCH	
2265 2270	1.30	1.30	/*1.40A 1.30/*1.30	/*1.40A 1.30/*1.30		1.30 - 0.30 1.30 - 0.20	.0218			11		27 UNCH 11 + 2	
2275 2280 2285	1.40	1.40	/*1.30A 1.40/*1.20A /*1.20A	/*1.30A 1.40/*1.20A /*1.20A		1.20 - 0.30 1.20 - 0.20 1.20 - 0.20	.0200 .0198 .0196			6 		187 UNCH 155 UNCH 7 UNCH	
2290 2300 2310	1.00	1.00	/*1.10A 1.00/*1.00 /*1.00A	/*1.10A 1.00/*1.00 /*1.00A		$\begin{array}{cccc} 1.10 & - & 0.20 \\ 1.00 & - & 0.20 \\ 1.00 & - & 0.10 \end{array}$	.0182 .0165 .0162			10		5 UNCH 1311 + 8 30 UNCH	
2320 2325	1.00	1.00	1.00/*0.90A /*0.90A	1.00/*0.90A /*0.90A		0.90 - 0.20 0.90 - 0.10	.0146 .0145			2 1		39 - 11 71 UNCH	
2330 2340 2350	0.90 0.80	0.90 0.80	0.90/*0.80 0.80/*0.80 /0.80A	0.90/*0.80 0.80/*0.80 /0.80A		0.80 - 0.20 0.80 - 0.10 0.70 - 0.20	.0131 .0128 .0113			28 1 		35 + 28 8 UNCH 1422 UNCH	
2360 2370			/*0.70A /*0.70A	/*0.70A /*0.70A		0.70 - 0.10 0.70 - 0.10	.0111 .0109					21 UNCH 138 UNCH	
2375 2400 2425	0.60	0.60	0.60/*0.60 /*0.50A	0.60/*0.60 /*0.50A		0.60 - 0.10 0.60 UNCH 0.50 - 0.10	.0096 .0092 .0076			1 		138 UNCH 677 - 1 63 UNCH	
2423	0.50	0.50	0.50/*0.40	0.50/*0.40		0.40 - 0.10	.0061			32		108 + 22	

## **METALS OPTIONS PRODUCTS**

Side 15

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.



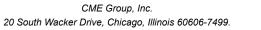




PG64 B	BULLET	IN # 19@		ĮV	METALS OPTION	PRODUCTS				Mon,	Jan 30,	, 2023	PG64
	OBEX PEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN EREST
2500 C 2525 - 2550 -	0.50 0.40 	COMEX GOLD OPTIC 0.50 0.40 	0.50/*0.40A 0.40/*0.30 	0.50/*0.40A 0.40/*0.30 		0.40 UNCH 0.40 UNCH 0.30 - 0.10 0.30 UNCH	.0059 .0057 .0043 .0042			3 43  27		76 - 948 + 374 383 +	2 37 UNCH 23 15
3000 - TOTAL	0.20	0.20	0.20/0.20	0.20/0.20	====	0.20 UNCH 0.10 - 0.10	.0025 .0011			15  4195	800	1274 - 620 59595 -	UNCH 1337
1300 - 1570 - 1580 -	 		714.40B/704.30A 664.40B/654.40A 394.60B/384.10A 384.60B/374.20A 369.60B/359.10A	714.40B/704.30A 664.40B/654.40A 394.60B/384.10A 384.60B/374.20A 369.60B/359.10A	  	706.00 - 6.30 656.00 - 6.30 386.00 - 6.30 376.00 - 6.30 361.00 - 6.30	1.0000 1.0000 .9946 .9929 .9910					1 9 5 1	UNCH UNCH UNCH UNCH UNCH
1600 - 1610 - 1625 -			364.70B/354.10A 354.70B/344.10A 339.70B/328.20A	364.70B/354.10A 354.70B/344.10A 339.70B/328.20A		356.00 - 6.30 346.00 - 6.30 331.00 - 6.30	.9909 .9892 .9872					4 2 4	UNCH UNCH UNCH
1635 - 1650 -			334.90B/324.10A 329.80B/319.10A 315.10B/303.50A 305.10B/294.30A	334.90B/324.10A 329.80B/319.10A 315.10B/303.50A 305.10B/294.30A		326.00 - 6.30 321.00 - 6.30 306.10 - 6.30 296.20 - 6.30	.9857 .9855 .9822 .9791					2 1 6 6	UNCH UNCH UNCH UNCH
1665 - 1670 - 1675 - 1680 -			300.20B/289.40A 295.30B/284.50A 290.30B/278.90A 285.50B/274.70A 280.60B/269.80A	300.20B/289.40A 295.30B/284.50A 290.30B/278.90A 285.50B/274.70A 280.60B/269.80A	  	291.30 - 6.30 286.40 - 6.20 281.50 - 6.20 276.60 - 6.20 271.70 - 6.20	.9775 .9760 .9744 .9728 .9701					6 8 7 9 3	UNCH UNCH UNCH UNCH UNCH
1690 - 1695 - 1700 -			275.60B/265.00A 270.90B/260.10A 266.00B/254.60A	275.60B/265.00A 270.90B/260.10A 266.00B/254.60A		266.80 - 6.20 261.90 - 6.20 257.00 - 6.30	.9685 .9669 .9652					7 8 33	UNCH UNCH
1710 - 1715 -			261.00B/250.40A 256.20B/245.50A 251.30B/240.70A 246.50B/235.90A	261.00B/250.40A 256.20B/245.50A 251.30B/240.70A 246.50B/235.90A		252.10 - 6.30 247.30 - 6.20 242.60 - 6.00 237.80 - 6.00	.9635 .9607 .9568 .9540					6 1 1 4	UNCH UNCH UNCH UNCH
1735 - 1740 - 1750 -			232.30B/221.50A 227.40B/216.80A 218.10B/206.90A	232.30B/221.50A 227.40B/216.80A 218.10B/206.90A		223.40 - 6.10 218.60 - 6.20 209.20 - 6.10	.9454 .9424 .9344					2 4 287	UNCH UNCH UNCH
1775 - 1785 -			208.60B/198.00A 194.70B/183.80A 185.60B/174.80A 181.10B/170.30A	194.70B/183.80A 185.60B/174.80A		199.90 - 6.10 186.10 - 6.10 177.00 - 6.10 172.50 - 6.10	.9263 .9110 .8998 .8937			3		296 3 2	UNCH UNCH UNCH UNCH
1800 - 1810 - 1825 -			172.20B/161.50A 163.40B/152.70A 150.40B/140.00A	172.20B/161.50A 163.40B/152.70A 150.40B/140.00A		163.70 - 6.00 154.90 - 6.00 142.20 - 5.90	.8806 .8665 .8427					225 2 119	UNCH UNCH UNCH
1835 - 1840 -			146.10B/135.80A 141.90B/131.70A 137.80B/127.70A	141.90B/131.70A 137.80B/127.70A		138.00 - 5.90 133.80 - 5.90 129.80 - 5.80	.8340 .8246 .8151			1  1		22 5 125 1	UNCH UNCH
1850 - 1855 -			133.70B/123.70A 129.60B/119.70A 125.60B/115.80A 121.70B/112.00A	129.60B/119.70A 125.60B/115.80A		125.70 - 5.80 121.70 - 5.80 117.80 - 5.80 113.90 - 5.80	.8056 .7955 .7853 .7744			6 		994 + 1 2	UNCH 6 UNCH UNCH
1865 - 1870 - 1875 -			117.80B/108.20A 114.00B/104.50A 110.20B/100.90A	117.80B/108.20A 114.00B/104.50A 110.20B/100.90A		110.10 - 5.80 106.40 - 5.70 102.70 - 5.70	.7631 .7516 .7397					2 12 110	UNCH UNCH UNCH
1885 - 1890 - 1895 -			106.50B/97.30A 102.90B/93.80A 99.30B/90.40A 95.80B/87.10A 92.40B/83.80A	106.50B/97.30A 102.90B/93.80A 99.30B/90.40A 95.80B/87.10A 92.40B/83.80A	  	99.20 - 5.50 95.60 - 5.60 92.20 - 5.40 88.80 - 5.40 85.50 - 5.30	.7273 .7148 .7019 .6887 .6751					4 3 23 17 625	UNCH UNCH UNCH UNCH UNCH
1910 - 1920 - 1925 -			85.80B/77.60A 79.50B/71.60A 76.60B/68.80A	85.80B/77.60A 79.50B/71.60A 76.60B/68.80A		79.20 - 5.10 73.20 - 5.00 70.30 - 4.90	.6473 .6187 .6043			3		46 14 - 673	UNCH 1 UNCH
1935 - 1940 -			73.70B/66.00A 70.80B/63.30A 68.50B/60.70A 65.80B/58.20A	73.70B/66.00A 70.80B/63.30A 68.50B/60.70A 65.80B/58.20A		67.50 - 4.80 64.70 - 4.80 62.10 - 4.70 59.50 - 4.70	.5896 .5749 .5601 .5453			  1		12 10 38 88	UNCH UNCH UNCH UNCH
1950 - 1955 - 1960 -			63.20B/55.80A 60.60B/53.40A 58.20B/51.20A	63.20B/55.80A 60.60B/53.40A 58.20B/51.20A		57.00 - 4.60 54.60 - 4.60 52.20 - 4.60	.5304 .5156 .5007			15 5 5		530 36 33 +	UNCH UNCH 5
1970 - 1975 46	 6.00	46.00	55.80B/49.00A 53.50B/46.90A 51.40B/44.80A 49.10B/42.90A	55.80B/49.00A 53.50B/46.90A 51.40B/44.80A 49.10B/42.90A		50.00 - 4.50 47.90 - 4.40 45.80 - 4.30 43.80 - 4.20	.4861 .4715 .4570 .4428			818		60 78 823 + 212	UNCH UNCH 704 UNCH
1985 - 1990 -			47.00B/40.90A 45.00B/39.10A 43.10B/37.40A	47.00B/40.90A 45.00B/39.10A 43.10B/37.40A		41.90 - 4.10 40.10 - 3.90 38.30 - 3.80	.4287 .4149 .4012					13 4038 78	UNCH UNCH UNCH
2000 41 2005 - 2010 -	1.20 	41.20 	41.20/35.70A 39.60B/34.10A 37.80B/32.60A	41.20/35.70A 39.60B/34.10A 37.80B/32.60A		36.60 - 3.70 35.00 - 3.60 33.40 - 3.50	.3878 .3747 .3618			35 		1016 - 10 5	28 UNCH UNCH
2020 - 2025 -			36.10B/31.20A 34.60B/29.80A 33.10B/28.40A 31.60B/27.10A	36.10B/31.20A 34.60B/29.80A 33.10B/28.40A 31.60B/27.10A		31.90 - 3.40 30.40 - 3.40 29.10 - 3.20 27.80 - 3.10	.3491 .3366 .3248 .3132			1 		12 15 355 - 27	UNCH UNCH 1 UNCH
2035 - 2040 - 2045 - 2050 23 2055 -	3.60	23.60	30.20B/25.90A 28.90B/24.70A 27.60B/23.70A 26.40B/22.60A 25.20B/21.60A	30.20B/25.90A 28.90B/24.70A 27.60B/23.70A 26.40B/22.60A 25.20B/21.60A	  	26.50 - 3.10 25.30 - 3.00 24.20 - 2.90 23.10 - 2.80 22.00 - 2.80	.3016 .2905 .2799 .2695 .2591			  50		7 6 347 1713 - 3	UNCH UNCH UNCH 1 UNCH
2065 - 2070 -			24.10B/20.60A 23.10B/19.70A 22.00B/18.70A 21.10B/17.90A	24.10B/20.60A 23.10B/19.70A 22.00B/18.70A 21.10B/17.90A		21.00 - 2.70 20.00 - 2.60 19.10 - 2.50 18.30 - 2.40	.2492 .2394 .2303 .2217			 817		8 14 8 1180 +	UNCH UNCH UNCH 747
2080 - 2085 -			20.10B/17.10A 19.20B/16.30A 18.30B/15.60A	20.10B/17.10A 19.20B/16.30A 18.30B/15.60A		17.40 - 2.40 16.70 - 2.20 15.90 - 2.20	.2127 .2049 .1966					72 37 32	UNCH UNCH UNCH
2100 15 2105 -	5.50	15.50 	17.50B/14.90A 16.90/14.30A 16.00B/13.60A 15.30B/13.00A	17.50B/14.90A 16.90/14.30A 16.00B/13.60A 15.30B/13.00A		15.20 - 2.10 14.50 - 2.10 13.90 - 2.00 13.20 - 2.00	.1890 .1814 .1746 .1672			38		694 - 4	UNCH 20 UNCH UNCH
2115 - 2120 13	3.10	13.10	14.60B/12.60A 13.10/11.90A /11.50A	14.60B/12.60A 13.10/11.90A /11.50A		12.70 - 1.80 12.10 - 1.80 11.60 - 1.70	.1612 .1545 .1486			2		7 12 154	UNCH UNCH UNCH
2130 - 2135 - 2140 -			/11.00A /10.60A /10.10A	/11.00A /10.60A /10.10A /9.70A		11.10 - 1.70 10.60 - 1.70 10.10 - 1.70	.1428 .1370 .1313					6 7 58	UNCH UNCH UNCH
2150 - 2155 -			/9.70A /9.20A /8.90A /8.50A	/9.70A /9.20A /8.90A /8.50A		9.70 - 1.60 9.30 - 1.50 8.90 - 1.50 8.60 - 1.40	.1264 .1215 .1167 .1128					2 562 8 71	UNCH UNCH UNCH UNCH
2165 - 2170 - 2175 8 2180 -	8.00 	8.00 	/8.10A /7.80A 8.00/7.50A /7.20A /6.90A	/8.10A /7.80A 8.00/7.50A /7.20A /6.90A	  	8.20 - 1.40 7.90 - 1.30 7.60 - 1.20 7.30 - 1.20 7.00 - 1.20	.1081 .1042 .1004 .0966 .0929			1 2 2		5 117 + 42 + 37 + 10	UNCH 1 1 2 UNCH
2190 - 2195 - 2200 7 2205 6 2210 -	7.30 6.30	7.30 6.30	/6.70A /6.40A 7.30/6.20A 6.70B/6.00A /5.70A	/6.70A /6.40A 7.30/6.20A 6.70B/6.00A /5.70A		6.80 - 1.10 6.50 - 1.10 6.30 - 1.00 6.00 NEW 5.80 - 0.90	.0900 .0864 .0836 .0800 .0773			9 1		419 15 94 - 1 + 46	UNCH UNCH 1 1 UNCH
2220 6 2225 5	6.00 5.10	6.00 5.10	/5.50A 6.00/5.30A 5.10/5.10 /*4.90A	/5.50A 6.00/5.30A 5.10/5.10 /*4.90A		5.60 - 0.90 5.40 - 0.80 5.20 - 0.80 5.00 - 0.70	.0747 .0720 .0694 .0669			2 41 1		1 153 204 + 92 +	UNCH UNCH 40 1
2235 - 2240 - 2245 -			/*4.80A /*4.60A /*4.40A	/*4.80A /*4.60A /*4.40A		4.80 - 0.70 4.60 - 0.70 4.50 - 0.60	.0643 .0618 .0602			1 1		1 94 + 7 +	UNCH 1 1
2250 - 2255 - 2260 -			/*4.30A /*4.10A /*4.00A	/*4.30A /*4.10A /*4.00A /*3.90A		4.30 - 0.60 4.10 - 0.60 4.00 - 0.50 3.80 - 0.60	.0577 .0553 .0537 .0513			5 1  2		242 + 2 - 10 - 9 +	4 1 1 2
2270 - 2275 -			/*3.90A /*3.70A /*3.60A /*3.50A	/*3.70A /*3.60A /*3.50A		3.70 - 0.50 3.60 - 0.50 3.50 - 0.50	.0498 .0484 .0470			7 2 1		21 + 56 + 69 -	2 3 2 1
2290 - 2300 3 2310 - 2320 -	3.00  2.60	3.00  2.60	/*3.30A 3.00/*3.00 /*2.90A /*2.70A 2.60/*2.60	/*3.30A 3.00/*3.00 /*2.90A /*2.70A 2.60/*2.60	  	3.20 - 0.50 3.00 - 0.50 2.80 - 0.50 2.60 - 0.50 2.60 - 0.40	.0432 .0405 .0378 .0351 .0348			4 15 4 7 3		61 199 - 30 56 - 42 +	UNCH 5 UNCH 1 3

## **METALS OPTIONS PRODUCTS**

# 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





PG64	BULLET	IN # 19@			METALS OPTION					Mon,	Jan 30	, 2023	PG64
	GLOBEX OPEN OUTCRY GLOBEX OPEN OPEN RANGE HIGH/LOW			OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX <sup>®</sup> VOLUME	PNT VOLUME	INTE	OPEN EREST
OG CAI		COMEX GOLD OP		(*2.40)		2.50	0225						
2330 2340 2350	2.30	2.30	/*2.40A /*2.40A 2.30/*2.20A /*2.10A /*2.00A /*1.90A /*1.50A /*1.30A /*1.20A	/*2.40A /*2.40A 2.30/*2.20A /*2.10A		2.50 - 0.40 2.30 - 0.30 2.20 - 0.40 2.10 - 0.40	.0335 .0310 .0294 .0280			2 7 2		15 + 47 + 64 - 11	2 5 2 UNCH
2360 2370 2375 2400			/*2.00A /*1.90A /*1.70A	/*2.10A /*2.00A /*1.90A /*1.70A		1.90 - 0.40 1.80 - 0.40 1.60 - 0.30	.0255 .0243 .0213			 4 12		180 - 65 + 325 -	3 2 7
2425 2450 2475			/*1.50A /*1.30A /*1.20A	/*1.50A /*1.30A /*1.20A		1.40 - 0.30 1.20 - 0.30 1.10 - 0.20	.0185 .0159 .0143			 4		90 35 - 7	UNCH 1 UNCH
2500 2525 2550			/*1.00A 	/*1.00A 		1.00 - 0.10 0.90 - 0.10 0.80 - 0.10	.0128 .0114 .0101					140 6 60	UNCH UNCH UNCH
2600 2750 TOTAL	0.60 0.30	0.60 0.30	0.60/*0.50 0.30/*0.30	0.60/*0.50 0.30/*0.30		0.70 UNCH 0.40 - 0.10	.0086 .0047			26 20 1990		102 + 281 + 19823+	26 20 1505
JUN23 1400			564.20B/554.60A 514.20B/504.50A	564.20B/554.60A 514.20B/504.50A		556.00 - 6.30 506.00 - 6.30	1.0000 .9997					212	UNCH
1450 1485 1500 1570			479.30B/469.50A 464.30B/454.50A 394.40B/384.40A	479.30B/469.50A		506.00 - 6.30 471.00 - 6.30 456.00 - 6.30 386.00 - 6.30	.9974 .9957 .9862					200 448 1	UNCH UNCH UNCH UNCH
1575 1585 1590			389.40B/378.20A 379.50B/369.40A 374.50B/364.50A	389.40B/378.20A 379.50B/369.40A 374.50B/364.50A		381.00 - 6.30 371.00 - 6.30 366.00 - 6.30	.9849 .9833 .9820					12 2 2	UNCH UNCH UNCH
1600 1605 1615			364.70B/353.40A 359.70B/349.40A 349.80B/339.50A	364.70B/353.40A 359.70B/349.40A 349.80B/339.50A		356.10 - 6.20 351.10 - 6.30 341.20 - 6.30	.9805 .9791 .9765					44 6 2	UNCH UNCH UNCH
1625 1630 1640			340.00B/328.80A 335.20B/324.80A 325.30B/315.00A	340.00B/328.80A 335.20B/324.80A 325.30B/315.00A		331.40 - 6.20 326.40 - 6.30 316.60 - 6.30	.9738 .9725 .9688					7 1 1	UNCH UNCH UNCH
1650 1660 1665			315.70B/304.50A 305.90B/295.50A 301.10B/290.60A	315.70B/304.50A 305.90B/295.50A 301.10B/290.60A		306.90 - 6.20 297.10 - 6.30 292.30 - 6.20	.9650 .9613 .9598					14 50 30	UNCH UNCH UNCH
1670 1675 1680			296.10B/285.80A 291.40B/280.40A 286.60B/276.20A 281.80B/271.40A	286.60B/276.20A		287.50 - 6.20 282.70 - 6.20 277.90 - 6.20	.9574 .9550 .9526					91 314 3	UNCH UNCH UNCH
1685 1690 1695 1700			281.80B/271.40A 277.00B/266.60A 272.30B/261.80A 267.50B/256.50A	277.00B/266.60A 272.30B/261.80A		273.10 - 6.20 268.30 - 6.20 263.50 - 6.20 258.80 - 6.20	.9502 .9469 .9444 .9411					11 9 5 749	UNCH UNCH UNCH UNCH
1700 1705 1710 1715			267.30B/236.30A 262.80B/252.40A 258.00B/247.70A 253.40B/243.00A	262.80B/252.40A 258.00B/247.70A		254.10 - 6.10 249.40 - 6.10 244.70 - 6.10	.9378 .9352 .9310					749 3 4 6	UNCH UNCH UNCH
1720 1725 1730			248.70B/238.30A 244.00B/233.20A 239.40B/229.10A	248.70B/238.30A 244.00B/233.20A		240.00 - 6.20 235.40 - 6.10 230.80 - 6.10	.9276 .9242 .9200					10 94 8	UNCH UNCH UNCH
1735 1740 1745			234.80B/224.40A 230.20B/219.80A 225.60B/215.10A	234.80B/224.40A 230.20B/219.80A 225.60B/215.10A		226.20 - 6.10 221.60 - 6.10 217.10 - 6.00	.9157 .9114 .9071					201 1 22	UNCH UNCH UNCH
1750 1755 1760			221.10B/210.20A 216.60B/205.80A 212.10B/201.30A	216.60B/205.80A 212.10B/201.30A		212.50 - 6.10 208.00 - 6.10 203.60 - 6.00	.9021 .8970 .8919					1058 1 30	UNCH UNCH UNCH
1765 1770 1775			207.60B/196.90A 203.10B/192.50A 198.80B/188.10A	207.60B/196.90A 203.10B/192.50A 198.80B/188.10A		199.10 - 6.00 194.70 - 6.00 190.30 - 6.00	.8868 .8816 .8757					24 4 226	UNCH UNCH UNCH
1780 1790 1795			194.30B/183.80A 185.70B/175.20A 181.40B/170.90A	185.70B/175.20A 181.40B/170.90A		185.90 - 6.00 177.30 - 6.00 173.10 - 5.90	.8698 .8567 .8500					11 1 1	UNCH UNCH UNCH
1800 1805 1810			177.30B/166.70A 172.90B/162.60A 168.80B/158.50A	172.90B/162.60A		168.90 - 5.90 164.70 - 5.90 160.50 - 6.00 156.40 - 6.00	.8433 .8361 .8288 .8209					1641 14 46 40	UNCH UNCH UNCH UNCH
1815 1820 1825 1830			160.60B/150.40A 156.50B/146.40A 152.50B/142.40A	160.60B/150.40A 156.50B/146.40A		152.40 - 5.90 148.40 - 5.90 144.40 - 5.90	.8129 .8050 .7965					59 240 50	UNCH UNCH UNCH
1840 1845 1850			144.50B/134.70A 140.60B/130.90A 136.80B/127.20A	144.50B/134.70A 140.60B/130.90A 136.80B/127.20A		136.70 - 5.80 132.80 - 5.90 129.10 - 5.80	.7784 .7694 .7598					32 10 3377	UNCH UNCH UNCH
1855 1860 1865			133.00B/123.50A 129.30B/119.90A 125.60B/116.30A	133.00B/123.50A 129.30B/119.90A 125.60B/116.30A		125.40 - 5.80 121.80 - 5.70 118.20 - 5.70	.7499 .7399 .7296					7 140 22	UNCH UNCH UNCH
1870 1875 1880			122.00B/112.90A 118.50B/109.40A 115.00B/106.10A	122.00B/112.90A 118.50B/109.40A 115.00B/106.10A		114.70 - 5.60 111.30 - 5.50 107.90 - 5.50	.7192 .7084 .6974					165 201 14	UNCH UNCH UNCH
1885 1890 1895			111.60B/102.80A 108.20B/99.60A 105.00B/96.40A	111.60B/102.80A 108.20B/99.60A 105.00B/96.40A		104.50 - 5.50 101.30 - 5.40 98.10 - 5.40	.6863 .6750 .6634					71 20 12	UNCH UNCH UNCH
1900 1905 1910			101.80B/93.40A 98.60B/90.40A 95.50B/87.40A 92.70B/84.50A	101.80B/93.40A 98.60B/90.40A 95.50B/87.40A		95.00 - 5.30 91.90 - 5.30 89.00 - 5.20 86.10 - 5.10	.6518 .6399 .6279					2946 14 65	UNCH UNCH UNCH
1915 1920 1925			89.70B/84.30A 89.70B/81.70A 86.80B/79.00A 84.00B/76.40A	92.70B/84.50A 89.70B/81.70A 86.80B/79.00A 84.00B/76.40A		86.10 - 5.10 83.30 - 5.00 80.50 - 4.90 77.80 - 4.90	.6159 .6037 .5915 .5792					109 14 610 98	UNCH UNCH UNCH UNCH
1930 1935 1940 1945			81.80B/73.80A 79.10B/71.30A 76.50B/68.80A	81.80B/73.80A 79.10B/71.30A 76.50B/68.80A		75.20 - 4.80 72.70 - 4.70 70.20 - 4.60	.5669 .5546 .5422					28 79 30	UNCH UNCH UNCH
1950 1955 1960	66.10	66.10	74.00B/66.50A 71.50B/64.20A 69.10B/61.90A	74.00B/66.50A 71.50B/64.20A 69.10B/61.90A		67.80 - 4.60 65.40 - 4.50 63.10 - 4.50	.5298 .5175 .5052			26 25		6353 + 112 + 37	5 25 UNCH
1965 1970 1975	62.30	62.30 	66.80B/59.80A 64.50B/57.70A 62.40B/55.60A	66.80B/59.80A 64.50B/57.70A 62.40B/55.60A		60.90 - 4.40 58.80 - 4.30 56.70 - 4.30	.4930 .4810 .4689			3 		127 - 485 284	1 UNCH UNCH
1980 1990 2000			60.20B/53.60A 56.20B/49.90A 52.40B/46.40A	60.20B/53.60A 56.20B/49.90A 52.40B/46.40A		54.60 - 4.30 50.80 - 4.10 47.20 - 4.00	.4570 .4336 .4108			 36		52 4 10997 -	UNCH UNCH 35
2005 2010 2015			50.50B/44.70A 48.80B/43.10A 47.00B/41.60A	50.50B/44.70A 48.80B/43.10A 47.00B/41.60A		45.50 - 3.90 43.90 - 3.80 42.30 - 3.70	.3997 .3888 .3780					78 14 74	UNCH UNCH UNCH
2020 2025 2030	42.20 	42.20  	45.30B/40.10A 43.70B/38.60A 42.20B/37.20A 40.70B/35.90A	45.30B/40.10A 43.70B/38.60A 42.20B/37.20A 40.70B/35.90A		40.80 - 3.60 39.30 - 3.50 37.90 - 3.40 36.50 - 3.40	.3675 .3571 .3470 .3369			40 1 		651 + 215 + 5 4	20 1 UNCH UNCH
2035 2040 2045 2050			39.30B/34.60A 37.90B/33.40A 36.60B/32.20A	39.30B/34.60A 37.90B/33.40A 36.60B/32.20A		35.20 - 3.30 34.00 - 3.10 32.70 - 3.10	.3272 .3180 .3084					7 16 4290	UNCH UNCH UNCH
2055 2060 2065			35.30B/31.00A 34.10B/29.90A 32.90B/28.80A	35.30B/31.00A 34.10B/29.90A 32.90B/28.80A		31.60 - 3.00 30.40 - 3.00 29.30 - 2.90	.2996 .2905 .2818					60 51 3	UNCH UNCH UNCH
2070 2075 2080	 27.30	 27.30	31.70B/27.80A 30.60B/26.80A 29.50B/25.80A	31.70B/27.80A 30.60B/26.80A 29.50B/25.80A		28.30 - 2.80 27.30 - 2.70 26.30 - 2.60	.2736 .2654 .2574			  4		104 1101 10 +	UNCH UNCH 4
2085 2090 2095	24.60	 24.60	28.50B/24.90A 27.50B/24.00A 26.50B/23.20A	28.50B/24.90A 27.50B/24.00A 26.50B/23.20A		25.40 - 2.50 24.50 - 2.50 23.60 - 2.40	.2497 .2422 .2347			  5		52 2 57 +	UNCH UNCH 5
2100 2105 2110	23.60 22.80 21.40	23.60 22.80 21.40	25.50B/22.40A 24.70B/21.60A 23.80B/20.80A	25.50B/22.40A 24.70B/21.60A 23.80B/20.80A		22.80 - 2.30 22.00 - 2.30 21.20 - 2.20	.2277 .2208 .2139			47 11 5		2515 - 13 + 7	32 11 UNCH
2115 2120 2125			23.00B/20.10A 22.20B/19.40A 21.40B/18.80A	23.00B/20.10A 22.20B/19.40A 21.40B/18.80A		20.50 - 2.20 19.80 - 2.10 19.10 - 2.10	.2076 .2013 .1951			40		42 17 1824	UNCH UNCH UNCH
2130 2135 2140 2145			20.60B/18.10A 20.00B/17.50A 19.30B/17.00A 18.70B/16.30A	20.60B/18.10A 20.00B/17.50A 19.30B/17.00A 18.70B/16.30A		18.40 - 2.10 17.80 - 2.00 17.20 - 1.90 16.60 - 1.90	.1889 .1833 .1777					10 112 170 8	UNCH UNCH UNCH UNCH
2145 2150 2155 2160			18.70B/16.30A 18.00B/15.90A 17.40B/15.30A 16.80B/14.80A	18.70B/16.30A 18.00B/15.90A 17.40B/15.30A 16.80B/14.80A		16.60 - 1.90 16.00 - 1.90 15.50 - 1.80 15.00 - 1.70	.1722 .1667 .1619 .1571					7017 9 7	UNCH UNCH UNCH UNCH
2165 2165 2170 2175			/14.30A /13.80A /13.40A	/14.30A /13.80A /13.40A		13.00 - 1.70 14.50 - 1.70 14.00 - 1.70 13.50 - 1.70	.1523 .1476 .1429					65 42 301	UNCH UNCH UNCH
2180 2185 2190	13.70	13.70	13.70/13.00A /12.50A /12.10A	13.70/13.00A /12.50A /12.10A		13.10 - 1.60 12.70 - 1.50 12.20 - 1.50	.1388 .1348 .1302			5  80		20 - 40 81 +	UNCH 80
2195			/11.80A	/11.80A		11.90 - 1.40	.1269					26	UNCH

## **METALS OPTIONS PRODUCTS**

Side 17

64

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



	CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 PRELIMINARY	
4 BULLETIN # 19@	METALS OPTION PRODUCTS	Mon, Jan 30, 2023 PG64

PG64	PG64 BULLETIN # 19@			METALS OPTION PRODUCTS						Mon,	Jan 30,	2023 PG	64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPE INTERES	
OG CA JUN23		COMEX GOLD OF	PTIONS										
2200 2210	11.60	11.60	11.60/11.40A /10.70A	11.60/11.40A /10.70A		11.50 - 1.40 10.80 - 1.30	.1230						1 JNCH
2215 2220	10.50	10.50	10.50/10.40A /10.00A	10.50/10.40A /10.00A		10.40 - 1.30 10.10 - 1.20	.1120			1 			JNCH
2225 2230			/9.70A /9.40A /9.20A	/9.70A /9.40A /9.20A		9.80 - 1.20 9.50 - 1.20 9.20 - 1.10	.1058 .1027 .0997					75 U	JNCH JNCH JNCH
2235 2240 2245			/8.90A /8.60A	/8.90A /8.60A		8.90 - 1.10 8.60 - 1.10	.0966					31 U	JNCH JNCH
2250 2255			/8.40A /8.10A	/8.40A /8.10A		8.40 - 1.00 8.10 - 1.10	.0913					1751 U	JNCH JNCH
2260 2265			/7.90A /7.70A	/7.90A /7.70A		7.90 - 1.00 7.70 - 0.90	.0861					3 U	JNCH JNCH
2270 2275 2285	7.60	7.60	/7.40A 8.00B/7.20A /6.80A	/7.40A 8.00B/7.20A /6.80A		7.40 - 1.00 7.20 - 1.00 6.80 - 0.90	.0810 .0788 .0745			3		138 +	JNCH 3 JNCH
2290 2295			/6.60A /6.40A	/6.60A /6.40A		6.60 - 0.90 6.40 - 0.90	.0724					0 υ	JNCH JNCH
2300 2310	6.60	6.60	6.60/6.30A /6.00A	6.60/6.30A /6.00A		6.20 - 0.90 5.90 - 0.80	.0682 .0649			6 		3851 + 15 U	3 JNCH
2315 2320			/*5.80A /*5.60A /*5.50A	/*5.80A /*5.60A /*5.50A		5.70 - 0.80 5.60 - 0.70	.0628					2 U	JNCH JNCH
2325 2330 2335			/*5.40A /*5.20A	/*5.40A /*5.20A		5.40 - 0.80 5.30 - 0.70 5.10 - 0.70	.0595 .0583 .0563			2 			JNCH JNCH
2340 2350	4.80	4.80	/*5.10A 4.80/*4.80	/*5.10A 4.80/*4.80		5.00 - 0.70 4.80 - 0.60	.0551			3			JNCH 1
2360 2370			/*4.60A /*4.30A	/*4.60A /*4.30A /*4.20A		4.50 - 0.60 4.30 - 0.60	.0496						JNCH
2375 2380 2390			/*4.20A /*4.10A /*3.90A	/*4.20A /*4.10A /*3.90A		4.20 - 0.50 4.10 - 0.50 3.90 - 0.50	.0462 .0450 .0428					3 U	JNCH JNCH JNCH
2400 2410	4.40	4.40	4.40/*3.80A /*3.60A	4.40/*3.80A /*3.60A		3.70 - 0.50 3.50 NEW	.0406			1 1		928 - 1 +	1
2420 2425			/*3.40A /*3.30A	/*3.40A /*3.30A		3.40 - 0.40 3.30 - 0.40	.0372					20 U	JNCH JNCH
2430 2440 2450			/*3.30A /*3.10A /*3.00A	/*3.30A /*3.10A /*3.00A		3.20 - 0.40 3.10 - 0.30 2.90 - 0.40	.0351 .0338 .0318					9 U	JNCH JNCH JNCH
2450 2475 2500	2.60 2.30	2.60 2.30	2.60/*2.50 2.30/*2.30	2.60/*2.50 2.30/*2.30		2.60 - 0.30 2.40 - 0.20	.0284 .0259			7 12		8 + 1528 +	7 12
2550 2575	2.00	2.00	2.00/*2.00 /*1.80A	2.00/*2.00 /*1.80A		1.90 - 0.20 1.80 - 0.10	.0205 .0191			10 		55 + 9 U	10 JNCH
2600 2625 2700			/*1.50A	/*1.50A		$\begin{array}{r} 1.60 - 0.10 \\ 1.50 - 0.10 \\ 1.10 - 0.10 \end{array}$	.0170 .0158 .0115					80 U	JNCH JNCH JNCH
2850 2900	0.70	0.70	0.70/*0.70	0.70/*0.70		0.70 - 0.10 0.60 - 0.10	.0071			1		68 U	JNCH JNCH
3000 TOTAL						0.50 - 0.10	.0048			377			JNCH 121
JUL23 1300			680.70B/671.70A	680.70B/671.70A		672.70 - 6.30	1.0000					2 U	JNCH
1430 1480			550.90B/541.60A 500.90B/491.50A	550.90B/541.60A 500.90B/491.50A		542.70 - 6.30 492.70 - 6.30	.9987 .9938					2 U 1 U	JNCH JNCH
1490 1500			481.00B/471.50A	491.00B/481.50A 481.00B/471.50A 471.00B/461.50A		482.70 - 6.30 472.70 - 6.30 462.70 - 6.30	.9924 .9921 .9907					16 U	JNCH JNCH JNCH
1510 1530 1565			451.00B/441.50A	451.00B/441.50A 416.20B/406.50A		442.70 - 6.30 407.70 - 6.30	.9868					1 U	JNCH JNCH
1625 1650			357.10B/346.20A 333.10B/322.00A	333.10B/322.00A		348.40 - 6.30 324.20 - 6.20	.9645					3 U	JNCH JNCH
1670 1675 1680			313.90B/303.70A 309.10B/298.10A 304.40B/294.10A			305.00 - 6.20 300.30 - 6.10 295.50 - 6.20	.9464 .9435 .9406					1 U	JNCH JNCH JNCH
1685 1700			299.70B/289.40A 285.60B/274.60A	299.70B/289.40A 285.60B/274.60A		290.80 - 6.10 276.70 - 6.20	.9384 .9289					1 U 9 U	JNCH JNCH
1735 1750			253.30B/242.50A 239.90B/229.00A 226.50B/215.80A	239.90B/229.00A		244.50 - 6.20 231.10 - 6.10 217.90 - 6.10	.9043 .8910 .8763					314 U	JNCH JNCH JNCH
1765 1770 1775			222.10B/211.50A 217.80B/207.20A	222.10B/211.50A		213.50 - 6.10 209.20 - 6.10	.8706 .8655					1 U	JNCH JNCH
1780 1785			213.50B/202.90A 209.20B/198.60A	213.50B/202.90A 209.20B/198.60A		205.00 - 6.00 200.70 - 6.00	.8598 .8541					1 U 19 U	JNCH JNCH
1790 1800			205.00B/194.40A 196.50B/186.10A 192.40B/182.00A	205.00B/194.40A 196.50B/186.10A 192.40B/182.00A		196.50 - 6.00 188.10 - 6.00 184.00 - 6.00	.8483 .8357 .8293					170 U	JNCH JNCH JNCH
1805 1810 1815			188.20B/177.90A 184.10B/173.90A	188.20B/177.90A 184.10B/173.90A		179.90 - 6.00 175.80 - 6.10	.8225 .8157					1 U	JNCH JNCH
1820 1840			180.10B/169.90A 164.20B/154.40A	164.20B/154.40A		171.80 - 6.10 156.30 - 5.90	.8088 .7784					14 U	JNCH JNCH
1850 1860 1865			156.60B/146.90A 149.10B/139.70A 145.50B/136.10A	149.10B/139.70A		148.70 - 5.90 141.40 - 5.90 137.90 - 5.80	.7620 .7448 .7361					66 U	JNCH JNCH JNCH
1880 1885			134.80B/125.80A 131.30B/122.40A	134.80B/125.80A 131.30B/122.40A		127.50 - 5.60 124.10 - 5.60	.7086 .6990					2 U 2 U	JNCH JNCH
1890 1900			127.90B/119.10A 121.40B/112.80A 118.10B/109.70A			120.80 - 5.60 114.40 - 5.40 111.30 - 5.40	.6895 .6697 .6596			1		353 -	JNCH 1 JNCH
1905 1925 1930			105.90B/97.90A 103.20B/95.10A	105.90B/97.90A 103.20B/95.10A		99.40 - 5.20 96.60 - 5.10	.6185			1		255 U	JNCH JNCH
1940 1945			97.50B/89.80A 94.80B/87.20A	97.50B/89.80A 94.80B/87.20A		91.10 - 5.00 88.50 - 4.90	.5868 .5761					27 U 2 U	JNCH JNC <u>H</u>
1950 1955 1965	86.50 84.40	86.50 84.40 	92.60B/84.50A 90.00B/82.10A 84.90B/77.40A	92.60B/84.50A 90.00B/82.10A 84.90B/77.40A		85.90 - 4.90 83.40 NEW 78.60 - 4.70	.5655 .5548 .5335			37 1 		1301 - 1 + 1 U	7 1 JNCH
1970 1975			82.50B/75.10A 80.10B/72.90A	82.50B/75.10A 80.10B/72.90A		76.30 - 4.60 74.00 - 4.60	.5228 .5122			21		17 U 232 +	JNCH 21
1980 1985 1990			77.80B/70.70A 75.60B/68.60A 73.40B/66.60A	77.80B/70.70A 75.60B/68.60A 73.40B/66.60A		71.80 - 4.60 69.70 - 4.50 67.60 - 4.40	.5017 .4913 .4809					24 U	JNCH JNCH JNCH
1990 1995 2000			71.20B/64.60A 69.10B/62.60A	71.20B/64.60A 69.10B/62.60A		65.60 - 4.30 63.60 - 4.30	.4706 .4604					11 U 1013 U	JNCH JNCH
2010 2025			65.10B/58.90A 59.60B/53.80A	65.10B/58.90A 59.60B/53.80A		59.90 - 4.10 54.70 - 3.90	.4404 .4114					1 U 3 U	JNCH JNCH
2035 2040 2050	50.20	50.20	56.10B/50.60A 54.40B/49.10A 51.30B/46.20A	56.10B/50.60A 54.40B/49.10A 51.30B/46.20A		51.40 - 3.80 49.90 NEW 47.00 - 3.50	.3925 .3835 .3657			3		3 +	JNCH 3 JNCH
2055 2060	45.00	45.00	49.80B/44.80A 48.30B/43.50A	49.80B/44.80A 48.30B/43.50A		45.60 - 3.40 44.20 - 3.40	.3571 .3484			3		12 U 7 +	JNCH 3
2065 2070			46.90B/42.20A 45.50B/40.90A	46.90B/42.20A 45.50B/40.90A		42.90 - 3.30 41.60 - 3.30	.3401 .3319					7 U	JNCH
2075 2080 2085			44.10B/39.70A 42.90B/38.50A 41.60B/37.40A	44.10B/39.70A 42.90B/38.50A 41.60B/37.40A		40.40 - 3.20 39.20 - 3.10 38.00 - 3.10	.3239 .3161 .3082					884 U	JNCH JNCH JNCH
2095 2100	36.00	36.00	39.20B/35.20A 38.10B/34.20A	39.20B/35.20A 38.10B/34.20A		35.80 - 3.00 34.80 - 2.80	.2933 .2862			1		1 U 735 U	JNCH JNCH
2105 2110			/33.30A /32.30A /31.40A	/33.30A /32.30A /31.40A		33.80 - 2.80 32.80 - 2.70 31.80 - 2.70	.2792 .2723					1 U 13 U	JNCH JNCH
2115 2125 2130			32.80B/29.50A /28.70A	32.80B/29.50A /28.70A		30.00 - 2.60 29.20 - 2.50	.2654 .2524 .2464					36 U	JNCH JNCH JNCH
2140 2150	26.60	26.60	/27.10A 28.40B/25.60A	/27.10A 28.40B/25.60A		27.50 - 2.40 26.00 - 2.30	.2341 .2227			 56		93 U 1979 -	JNCH 56
2155 2160 2165			/24.90A /24.20A /23.50A	/24.90A /24.20A /23.50A		25.20 - 2.30 24.50 - 2.20 23.80 - 2.20	.2169 .2115 .2062					5 U	JNCH JNCH JNCH
2165 2170 2175			/22.90A /22.20A	/22.90A /22.20A		23.20 - 2.10 22.50 - 2.10	.2014 .1961					1 U 30 U	JNCH JNCH
2195 2200			/19.90A /19.40A	/19.90A /19.40A		20.20 - 1.90 19.60 - 1.90	.1777 .1731					26 U 417 U	JNCH JNCH
2215 2220 2225			/17.90A /17.50A /17.00A	/17.90A /17.50A /17.00A		18.10 - 1.70 $17.60 - 1.70$ $17.10 - 1.70$	.1608 .1568 .1528					50 U	JNCH JNCH JNCH
2230 2240	17.70 17.00	17.70 17.00	17.70/16.40 17.00/15.70A	17.70/16.40 17.00/15.70A		16.70 - 1.60 15.80 - 1.60	.1493 .1419			30 1		29 + 2 +	28 1
2250	16.10	16.10	16.10/14.90A	16.10/14.90A		15.00 - 1.50	.1352			1		319 +	1

## **METALS OPTIONS PRODUCTS**

Side 18





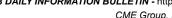


20 South Wacker Drive, Chicago, Illinois 60606-7499.

				PRELIIVIII					_		2027 -
PG64 BULLE	TIN # 19@ OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	ON PRODUCTS  SETT.PRICE			OPEN	Mon,	Jan 30,	2023 PG64
OPEN	OPEN GOTCRY OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE		DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
OG CALL JUL23 2265 2270 2275 2380 2330 2340 2350 2360 2370 8.50 2380 8.20 2400 7.70 2425 2475 2475 2550 2575 2575 2.30 TOTAL AUG23 1450 1500	COMEX GOLD OPT.	/13.80A/13.10A/13.10A/12.80A/11.60A/10.10A/9.60A/9.60A 8.90B/8.40A 8.50B/8.00A 7.70/7.40A/*6.60A/*6.00A/*5.40A/*4.10A/*4.10A/*4.90A/*4.230	/13.80A/13.50A/13.50A/13.10A/12.80A/10.30A/10.30A/10.10A/9.60A/9.20A/8.80A 8.90B/8.40A 8.50B/8.00A 7.70/7.40A/*6.60A/*6.60A/*6.60A/*4.40A/*4.10A/*3.80A 2.30/*2.30		13.90 - 1.40 13.50 - 1.40 13.20 - 1.30 12.90 - 1.30 11.60 - 1.20 10.30 - 1.10 10.10 - 1.00 9.60 - 1.00 8.70 - 1.00 8.70 - 1.00 8.30 - 0.90 8.00 NEW 7.30 - 0.80 5.90 - 0.60 4.80 - 0.60 4.80 - 0.60 4.80 - 0.60 4.80 - 0.60 4.70 - 0.40 2.50 - 0.20	.1258 .1226 .1192 .11172 .1061 .0946 .0927 .0884 .0768 .0768 .0768 .0676 .0604 .0547 .0492 .0445 .0369 .0340 .0225			    14 22 53   11 256		1 UNCH 6 UNCH 7 UNCH 1 UNCH 4329 UNCH 2 UNCH 10 UNCH 2 UNCH 10 UNCH 2 UNCH 14 + 13 22 + 22 261 + 42 1 UNCH 50 UNCH 50 UNCH 10 UNCH 2 UNCH 11 UNCH 2 UNCH 12 UNCH 13 UNCH 2 UNCH 14 + 11 15452 + 82
1550 1570 1600 1625 1650 1650 1700 1770 1775 1810 1775 1815 1815 1815 1815 1825 1836 1850 1950	62.70	431.00E/420.20A 406.40B/395.70A 381.90B/371.30A 387.80B/347.20A 338.70B/329.00A 334.00E/323.30A 319.80B/310.10A 287.40B/276.80A 269.30B/258.80A 255.90B/245.40A 242.70B/232.30A 255.90B/245.40A 242.70B/190.70A 280.70B/190.70A 180.80B/171.30A 176.90B/167.50A 162.10B/152.90A 158.40B/149.40A 144.40B/135.80A 137.70B/129.30A 128.10B/129.30A	431.008/420.20A 406.40B/395.70A 381.90B/371.30A 357.80B/347.20A 338.70B/329.00A 334.00B/323.30A 319.80B/310.10A 315.20B/305.40A 287.40B/276.80A 269.30B/258.80A 242.70B/232.30A 242.70B/232.30A 242.70B/232.30A 221.40B/211.10A 200.70B/190.70A 188.70B/178.90A 180.80B/171.30A 176.90B/167.50A 173.20B/163.80A 162.10B/152.90A 158.40B/149.40A 144.40B/135.80A 137.70B/129.30A		122   70	.9757 .96915 .9615 .9435 .9435 .9435 .9436 .9309 .9121 .8846 .8748 .8733 .7812 .7738 .7664 .7431 .7350 .7018 .66843 .6572 .6105 .5721 .5625 .5528 .5528 .5240 .5144 .4955 .4869 .4679 .4679 .4679 .4733 .3880 .3817 .3659 .3217 .3659 .366					2 UNCH 1 UNCH 17 UNCH 4 UNCH 10 UNCH 11 UNCH 238 UNCH 12 UNCH 12 UNCH 13 UNCH 14 UNCH 15 UNCH 165 UNCH 165 UNCH 165 UNCH 17 UNCH 165 UNCH 17 UNCH 165 UNCH 17 UNCH 17 UNCH 1000 UNCH 129 UNCH 1405 UNCH 129 UNCH 1405 UNCH 129 UNCH 1405 UNCH 1532 UNCH 129 UNCH 1405 UNCH 1532 UNCH 1532 UNCH 1532 UNCH 1533 UNCH 1540 UNCH 1550 UNCH 157 UNCH 158 UNCH 159 UNCH 150 UNCH 15
1200 1250 1450 1550 1550 1585 1600 1700 1770 1770 1780 1790 1890 1890 1890 1870 1890 1890 1870 1870 1870 1890 1890 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1870 1975 1975 1975 2000 2025 2040 2050 2050 2060 2080 2080 2125 2135	173.00	746. 808/739. 10A 547. 408/538. 70A 497. 608/488. 70A 448. 10B/437. 50A 448. 10B/437. 50A 399. 30B/388. 90A 399. 30B/388. 90A 270. 00B/259. 80A 270. 00B/259. 80A 270. 00B/259. 80A 231. 90B/237. 10A 231. 90B/221. 90A 221. 90B/221. 90A 221. 90B/221. 90A 221. 70B/213. 80A 2219. 70B/213. 80A 2219. 70B/209. 80A 219. 70B/209. 80A 219. 70B/209. 80A 219. 70B/209. 80A 219. 70B/209. 80A 211. 30B/172. 10A 174. 10B/165. 00A 163. 50B/154. 80A 153. 50B/145. 00A 147. 00B/138. 70A 131. 70B/124. 00A 147. 00B/138. 70A 131. 70B/124. 00A 131. 70B/124. 00A 131. 70B/124. 00A 132. 00B/98. 30A 33. 70B/87. 40A 83. 20B/77. 70A 77. 50B/72. 50A 74. 00B/69. 10A 70. 60B/66. 00A 63. 00B/58. 80A 58. 90B/54. 80A/49. 00A/46. 80A	746.808/739.10A 547.40B/538.70A 4497.60B/488.70A 4497.60B/488.70A 4498.10B/437.50A 413.80B/404.80A 399.30B/388.90A 384.90B/375.70A 305.60B/295.20A 270.00B/259.80A 261.40B/251.10A 252.80B/242.60A 244.30B/251.10A 252.80B/242.60A 221.90B/221.90A 227.80B/213.80A 221.70B/213.80A 221.70B/213.80A 219.70B/209.80A 181.30B/172.10A 174.10B/165.00A 163.50B/145.00A 156.80B/148.20A 156.80B/148.20A 156.80B/148.20A 157.00B/138.70A 131.70B/124.00A 147.00B/138.70A 131.70B/125.50A 147.00B/187.40A 33.20B/77.70A 77.50B/72.50A 74.00B/69.10A 70.60B/66.00A 63.00B/58.80A 58.90B/54.80A/49.00A/46.80A		789.70 - 6.10 739.70 - 6.10 539.70 - 6.10 539.70 - 6.10 489.70 - 6.10 489.70 - 6.10 439.90 - 6.00 301.00 - 6.00 376.60 - 6.00 261.80 - 5.80 233.20 - 5.80 244.60 - 5.90 236.20 - 5.90 223.80 - 5.90 223.80 - 5.90 2219.70 - 6.00 215.70 - 5.90 211.70 - 5.90 173.80 - 5.50 146.50 - 5.50 149.70 - 5.50 146.50 - 5.50 149.70 - 5.50 140.20 - 5.50 140.20 - 5.40 125.30 - 5.30 119.70 - 5.00 111.70 - 5.00 111.70 - 5.00 111.70 - 4.80 99.30 - 4.50 78.50 - 4.20 69.80 - 3.90 66.60 - 3.80 59.30 - 3.50 55.40 - 3.30 49.40 - 3.10 47.20 - 3.00	1.0000 1.0000 9897 9811 9696 9538 9486 80936 8748 88555 8457 7350 7126 6892 6318 66972 6692 6732 6892 6732 6892 6732 6892 6732 6892 6732 6892 6732 6892 6732 6732 6732 6732 6732 6732 6732 673			27		3 UNCH 1 UNCH 3 UNCH 16 UNCH 1 UNCH 11 UNCH 11 UNCH 11 UNCH 1 UNCH 2 UNC

## **METALS OPTIONS PRODUCTS**

Side 19





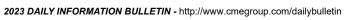


Customer Service:	(312) 930-1000
PREI IMII	NARY

PG64	PG64 BULLETIN # 19@ METALS OPTION PRODUCTS							Mon,	Jan 30,	2023	PG64		
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX <sup>®</sup> VOLUME	PNT VOLUME		OPEN EREST
OG CA SEP23 2150 2155 2295 2205 2215 2225 2275 2300 2400 2500 2575 3000 TOTAL	23.70	COMEX GOLD OPT	/43.80A/42.90A/36.20A/35.40A/32.90A/31.90A/30.00A/28.80A/26.00A 23.70/23.60A/16.40A/11.80A/19.40A/9.40A	/43.80A/42.90A/36.20A/36.20A/32.90A/31.90A/26.00A/26.00A/26.00A/16.40A/11.80A/10.10A/9.40A		44.20 - 2.90 43.20 - 2.90 36.40 - 2.50 35.60 - 2.50 33.40 - 2.40 32.00 - 2.30 30.10 - 2.20 28.90 - 2.10 26.10 - 1.90 23.70 - 1.70 16.30 - 1.30 11.70 - 1.00 10.00 - 0.80 9.30 - 0.20	.2915 .2860 .2461 .2414 .2281 .2196 .2077 .2002 .1824 .1667 .1170 .0845 .0724 .0673 .0237			9 5		5000 88 1 475 48 2 5 48 481 + 1160 + 848 571 1125 60 206 35245 +	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
OCT23 1725 1800 1840 1850 18900 19905 1975 2000 2040 2050 2075 2080 2110 2150 2160 2185 2200 2325 2330 2330 2350 2375 2450 2450 2525 2550 3000 2575 2650 3000 2575	45.80	45.80 45.80 45.80	285.80B/275.80A 223.80B/214.20A 193.60B/184.50A 186.40B/177.50A 153.10B/145.10A 138.20B/130.70A 124.80B/117.60A 112.30B/105.60A 112.30B/105.60A 85.10B/79.90A 85.10A 85.10A 85.10A 85.10A 85.10A 85.20A 85.20	285.80B/275.80A 223.80B/214.20A 193.60B/184.50A 186.40B/177.50A 186.40B/177.50A 153.10B/145.10A 138.20B/130.70A 112.30B/105.60A 112.30B/105.60A 112.30B/79.90A 81.50B/76.60A/68.90A/62.10A/59.60A/59.60A/59.60A/59.70A/48.70A 45.80/45.10A/41.70A/33.30A/26.00A/26.50A/26.00A/26.00A/26.00A/26.00A/26.00A/26.30A/26.30A/26.30A/26.30A/26.30A/26.30A/26.30A/26.00A/21.30A/13.30A/13.30A/13.30A/13.30A/13.30A/10.20A 4.50/*4.50		277.80 - 6.00 216.10 - 5.80 186.20 - 5.70 179.20 - 5.60 146.60 - 5.40 132.10 - 5.20 118.80 - 4.90 106.60 - 4.80 95.70 - 4.60 80.60 - 4.10 77.20 - 4.00 69.50 - 3.70 68.00 NEW 62.60 - 3.40 60.00 - 3.40 60.00 - 3.40 51.00 - 3.00 49.00 - 2.90 45.30 NEW 44.40 - 2.60 41.90 - 2.50 33.40 - 2.10 29.00 - 1.80 26.50 - 1.80 26.50 - 1.80 26.50 - 1.80 26.10 - 1.70 24.40 - 1.60 22.40 - 1.50 20.70 - 1.40 19.10 - 1.30 17.70 - 1.20 15.20 - 1.10 14.10 - 1.00 13.20 - 0.90 12.30 - 0.80 10.10 - 0.70 4.70 - 0.30	.8707 .7985 .7495 .7363 .6638 .6251 .5456 .5061 .4416 .3975 .3908 .3654 .3531 .3081 .2978 .2782 .2734 .2598 .2121 .1861 .1713 .1667 .1583 .1461 .1713 .1687 .1583 .1461 .1154 .1164 .1004 .0933 .0873 .0873 .0873 .0873			50		1 23 210 13 55 101 103 621 206 1 1 129 6 50 + 456 2 102 2 1 + 26 2015 420 3015 75 11 1000 87 1525 500 25 116 25 116 25 117 117 117 117 117 117 117 117 117 11	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
1710 1790 1875 1900 1980 2000 2100 2150 2200 2250 2300 2400 TOTAL	53.80	   53.80	316. 60B/307. 00A 249. 70B/240. 30A 186. 80B/178. 50A 170. 60B/162. 60A 126. 00B/119. 30A 116. 60B/110. 30A/74. 90A/62. 30A 53. 80/52. 00A/43. 80A/37. 10A/27. 30A	316.608/307.00A 249.708/240.30A 126.908/178.50A 170.608/162.60A 126.008/119.30A 116.608/110.30A/4.90A/62.30A 53.80/52.00A/37.10A/27.30A	     	308.90 - 6.10 242.20 - 5.80 180.10 - 5.60 164.00 - 5.50 120.30 - 5.00 111.20 - 4.90 75.40 - 4.00 62.50 - 3.60 52.30 - 3.00 44.00 - 2.60 37.30 - 2.20 27.30 - 1.80	.8799 .8119 .7129 .6791 .5631 .5337 .3986 .3419 .2933 .2518 .2168			80  50  130		3 1 301 6 2 50 - 61 700 - 300 214 2 1641 -	UNCH UNCH UNCH UNCH UNCH 30 UNCH 50 UNCH UNCH UNCH
DEC23 1600 1625 1650 17705 1785 1870 1775 1785 1880 1870 1875 1880 19905 1995 2000 2050 2051 2025 2030 2050 2075 2120 2120 2125 21200 2120 2125 21200 2250 225	58.20	58. 20	417.50B/408.80A 394.20B/385.50A 371.30B/362.70A 326.70B/318.30A 305.10B/296.90A 284.20B/276.10A 263.90B/256.00A 2264.00B/248.20A 2244.40B/236.70A 2267.200.70A 2267.200.70A 2267.200.70A 2267.200.70A 2267.200.70A 2267.200.70A 2267.200.70A 227.200.70A 227.200.7	417.50B/408.80A 394.20B/385.50A 371.30B/362.70A 326.70B/318.30A 326.70B/318.30A 305.10B/296.90A 284.20B/276.10A 263.90B/256.00A 256.00B/248.20A 244.40B/236.70A/211.10A/200.70A/193.90A/187.30A/187.30A/186.60A/155.60A/155.60A/146.00A 147.10B/140.90A/128.50A/115.20A/115.20A/115.20A/115.20A/179.10A/197.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A/75.10A		410.50 - 6.10 387.20 - 6.20 364.40 - 6.10 320.00 - 6.00 298.50 - 6.10 277.70 - 6.10 257.60 - 6.00 249.80 - 5.90 238.20 - 6.00 212.50 - 5.80 195.30 - 5.80 195.30 - 5.70 188.60 - 5.80 185.40 - 5.60 169.70 - 5.60 169.70 - 5.60 169.70 - 5.60 155.20 - 5.40 141.70 - 5.30 129.30 - 5.10 120.10 - 5.00 117.90 - 5.00 117.90 - 5.00 117.90 - 4.80 120.10 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 4.80 105.60 - 2.80 4.60 89.70 - 4.00 76.60 NEW 75.20 - 3.90 69.10 - 3.60 58.40 - 3.30 49.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 2.50 36.70 - 2.80 42.60 - 3.60 58.60 - 0.30	.9300 .9186 .9058 .8752 .8371 .8051 .7519 .7444 .7225 .7100 .7038 .6974 .6648 .6379 .6614 .6648 .6379 .6174 .6036 .5413 .5344 .5345 .5344 .5346 .5347 .5346 .5347 .5346 .5347 .5346 .5347 .5346 .5347			36		95 50 100 265 2 550 126 1 6853 1 1075 75 100 670 130 101 111 2011 122 2 2 1 10043 35 80 9688 80 9688 100 5573 4 2 2 2429 5573 1214 1214 1214 1214 1214 1214 1214 121	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
2000 2050 2100 2200 2300 2400 TOTAL	52.70	  52.70	/131.70A /*111.10A /*94.00A /*68.30A 52.70/50.80A /*38.70A	/131.70A /*111.10A /*94.00A /*68.30A 52.70/50.80A /*38.70A	   	131.90 - 5.10 111.20 - 4.10 94.00 - 3.60 68.10 - 3.00 50.60 - 2.30 38.40 - 1.80	.5561 .4923 .4331 .3327 .2562 .1991			1  1		3 2439 2439 379 392 794 6446	UNCH UNCH UNCH UNCH UNCH UNCH
2020 2200 2250 2300 2800		  	  		  	128.00 - 6.60 76.40 - 2.00 66.60 - 1.60 58.10 - 1.50 18.90 - 1.30	.5309 .3463 .3072 .2725 .0943					37 381 1 380 5	UNCH UNCH UNCH UNCH UNCH

## **METALS OPTIONS PRODUCTS**

Side 20







20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000 PRELIMINARY

PG	64 BU	JLLETI	N # 19@		١	METALS OPTION	PRODUCTS				Mon,	Jan 30,	2023	PG64
	GLOI OPI		OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INT	OPEN EREST
OG (FEB)	0		COMEX GOLD OPTIC	ONS 			13.80 - 1.20	.0682					5 809	UNCH 0
MAR 250 TOT	0 47. AL	.70	47.70	#47.70/*47.70	#47.70/*47.70		46.00 NEW	.2016			2 2		2 + 2+	2 2
JUN 185 188 197	0						264.30 - 4.60 244.90 - 4.50 194.00 - 4.00	.7309 .7036 .6153					400 75 100	UNCH UNCH UNCH
200 220 TOT	0						179.40 - 3.90 111.10 - 2.90	.5849 .4032					130 500 1205	UNCH UNCH 0
	GLOI OPI		OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTI	OPEN EREST
FEB			GOLD WEEKLY WEDN	NESDAY OPTION WEE	K1		0.10						1	IINICII
167 170 171 172	0						0.10 UNCH 0.10 UNCH 0.10 UNCH 0.10 UNCH	.0009					1 1 2 2	UNCH UNCH UNCH UNCH
173 173	0 5						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000					2 9	UNCH UNCH UNCH
175 176 178	5 0						0.50 + 0.10 0.10 UNCH	.0142					2 6	UNCH UNCH
179 179 180	5 0			 /0.90A	 /0.90A		0.10 UNCH 0.10 UNCH 1.00 UNCH	.0292					5 5 9	UNCH UNCH UNCH
180 180 180	0			 /*1.00A	 /*1.00A		0.10 UNCH 0.10 UNCH 1.20 UNCH	.0020					15 37 9	UNCH UNCH UNCH
180 181 182	5 0			 /1.50A	 /1.50A		0.10 UNCH 0.10 UNCH 1.70 UNCH	.0484					10 4 1	UNCH UNCH UNCH
182 182 182	0 5			/1.00A 123.20B/111.50A	/1.00A 123.20B/111.50A		0.10 UNCH 1.00 - 0.10 114.30 - 6.40	.0329					20 2 1	UNCH UNCH UNCH
182 183 183	5 0						0.10 UNCH 0.10 UNCH 0.40 UNCH	.0156					5 12 2	UNCH UNCH UNCH
183 184 184	5 0			113.20B/102.20A 	113.20B/102.20A 		104.30 - 6.40 0.10 UNCH 0.50 UNCH	1.0000			 1		1 150 26	UNCH UNCH UNCH
184 184	5 5						0.10 UNCH 0.60 UNCH	.0235					1 2 31	UNCH UNCH
185 185 185	0 5			/*0.70A 93.30B/82.10A	/*0.70A 93.30B/82.10A		0.10 UNCH 0.70 - 0.10 84.30 - 6.40	.0278					62 1	UNCH UNCH UNCH
185 185 186	5 0			1.008/	1.00B/		0.10 UNCH 0.90 UNCH 0.10 UNCH	.0000 .0354 .0000					3 4 19	UNCH UNCH UNCH
186 186 186	5	.10	0.10	1.20B/1.00A 3.80B/3.00A 0.10/*0.10	1.20B/1.00A 3.80B/3.00A 0.10/*0.10		1.10 UNCH 3.40 UNCH 0.10 UNCH	.0432 .1038 .0000			 3		2 25 14 +	UNCH UNCH 3
186 187 187	0	.00	 70.00	1.50B/1.20A 83.00B/72.60A 78.30B/67.10A	1.50B/1.20A 83.00B/72.60A 78.30B/67.10A		1.30 UNCH 74.80 - 6.20 69.30 - 6.40	.0513 .8497 .9999			 1		1 1 0 -	UNCH UNCH 1
187 187 187	0 5			5.10B/3.90A	5.10B/3.90A		0.10 UNCH 4.50 + 0.10 0.10 - 0.10	.0002 .1339 .0005			 5		21 10 63 -	UNCH UNCH 1
187 188 188	$ \begin{array}{ccc} 5 & 1. \\ 0 & 7. \end{array} $	. 80 . 00 . 40	1.80 7.00 5.40	2.30B/1.70A 8.20B/6.40A 5.90B/4.50A	2.30B/1.70A 8.20B/6.40A 5.90B/4.50A		2.00 + 0.10 7.40 NEW 5.20 + 0.10	.0771 .1845 .1520			4 5 20		8 + 4 + 21	4 4 UNCH
188 188 188	0	.30	 2.30	68.50B/57.10A /*0.20A 2.70B/2.00A	68.50B/57.10A /*0.20A 2.70B/2.00A		59.30 - 6.50 0.10 - 0.20 2.40 + 0.10	.9988 .0012 .0919			 1		1 63 1	UNCH UNCH UNCH
188 188 188	5 5			/*0.20A 63.50B/52.10A 6.70B/5.10A	/*0.20A 63.50B/52.10A 6.70B/5.10A		0.10 - 0.30 54.30 - 6.60 6.00 + 0.20	.0028 .9971 .1720					45 6 1	UNCH UNCH UNCH
188 189	5 2. 0	. 90 	2.90	3.30B/2.40A 66.10B/56.60A 7.70B/5.90A	3.30B/2.40A 66.10B/56.60A 7.70B/5.90A		2.90 + 0.10 58.50 - 6.00 6.90 + 0.30	.1098 .7742 .1938			1 		3 + 4	1 UNCH UNCH
189 189 189	0 0 0.	.20	0.20	58.60B/47.20A 0.20/*0.20 4.00B/2.80A	58.60B/47.20A 0.20/*0.20 4.00B/2.80A		49.40 - 6.60 0.20 - 0.30	.9932 .0067			 9 		5 54 +	UNCH 8
189 189 189	5			53.70B/42.30A 8.90B/6.70A	53.70B/42.30A 8.90B/6.70A		44.50 - 6.70 8.00 + 0.40	.1306 .9884 .2185					22 8 13	UNCH UNCH
189 190 190	0 0 9.	. 30  . <u>5</u> 0	0.30  9.50	0.30/*0.30 48.80B/37.20A 10.10B/7.60A	0.30/*0.30 48.80B/37.20A 10.10B/7.60A		0.30 - 0.30 39.70 - 6.70 9.10 + 0.50	.0115 .9781 .2436			10  1		15 + 6 44 +	UNCH
190 190 190	ō	.70  .80	0.70  0.80	0.90B/*0.40 5.70B/3.90A 1.30B/*0.60A	0.90B/*0.40 5.70B/3.90A 1.30B/*0.60A		0.50 - 0.30 5.00 + 0.30 0.70 - 0.40	.0218 .1807 .0341			125  38		413 + 42 110 +	93 UNCH 34
190 190 191	5			44.00B/32.50A 47.90B/38.20A 39.20B/27.90A	44.00B/32.50A 47.90B/38.20A 39.20B/27.90A		34.90 - 6.80 40.20 - 6.00 30.30 - 6.80	.9657 .7881 .9413					5 1 213	UNCH UNCH UNCH
191 191 191	ŏ 1.	.00	1.00	13.10B/9.90A 1.80B/*0.90A 8.10B/5.50A	13.10B/9.90A 1.80B/*0.90A 8.10B/5.50A		$\begin{array}{cccc} 11.80 & + & 0.70 \\ 1.10 & - & 0.40 \\ 7.10 & + & 0.50 \end{array}$	.2999 .0586 .2448			21		5 242 + 5	UNCH 3 UNCH
191 191 191	5 29. 5	.00	29.00	34.50B/23.50A 14.80B/11.20A 44.40B/35.90A	34.50B/23.50A 14.80B/11.20A 44.40B/35.90A		25.80 - 6.80 13.40 + 0.80 37.60 - 5.50	.9077 .3307 .6688			3 1 		6 + 2 + 1	3 1 UNCH
191 192 192	5 2. 0	.10	2.10  26.20	2.60B/*1.30A 16.70B/12.70A 30.00B/19.30A	2.60B/*1.30A 16.70B/12.70A 30.00B/19.30A		$\begin{array}{r} 1.60 & - & 0.40 \\ 15.10 & + & 0.90 \\ 21.50 & - & 6.80 \end{array}$	.0922 .3625 .8593			23  7		28 + 2 18 +	19 UNCH 7
192 192	0 3. 0	.10	3.10	3.60B/*1.80A 11.20B/7.70A 18.70B/14.30A	3.60B/*1.80A 11.20B/7.70A 18.70B/14.30A		2.30 - 0.40 10.00 + 0.80 17.10 + 1.20	.1406 .3227 .3961			41  1		46 + 11	7 UNCH UNCH
192 192 192	5 4. 5	. 60	4.60	4.90B/*2.40A 32.50B/24.40A	4.90B/*2.40A 32.50B/24.40A		3.30 - 0.30 25.90 - 5.40	.2085 .6345			31 		45 + 3	23 UNCH
192 192 193	5 22. 0 5.	. 00 . 40	22.00 5.40	13.10B/9.10A 25.70B/15.50A 6.60B/3.30A	13.10B/9.10A 25.70B/15.50A 6.60B/3.30A		$ \begin{array}{r} 11.70 + 1.00 \\ 17.50 - 6.70 \\ 4.60 - 0.10 \\ 13.00 - 6.50 \end{array} $	.3651 .7914 .2949			6 158		25 22 + 98 +	UNCH 4 21
193 193 193	0 29. 0	.40	16.60 29.40 	21.40B/12.10A 34.60B/27.10A 29.10B/21.50A	21.40B/12.10A 34.60B/27.10A 29.10B/21.50A		13.80 - 6.50 28.40 - 5.00 22.80 - 5.20	.7049 .5695 .5895			1		17 + 8 + 4	2 1 UNCH
193 193 193	5			15.30B/10.70A 23.30B/18.00A 32.10B/24.50A	15.30B/10.70A 23.30B/18.00A 32.10B/24.50A		13.70 + 1.30 21.50 + 1.60 25.70 - 4.80	.4101 .4647 .5349					2 1 2	UNCH UNCH UNCH
193 193 193	5 5. 5 5	. 90 	5.90 	8.80B/4.40A 26.10B/18.90A 17.70B/12.40A	8.80B/4.40A 26.10B/18.90A 17.70B/12.40A		6.40 + 0.20 20.00 - 5.00 15.80 + 1.40	.4010 .5436 .4560			127  1		72 + 3 35	57 UNCH UNCH
193 194 194	5 12. 0	. 40 	12.40 	17.60B/9.10A 26.00B/20.10A 29.30B/22.10A	17.60B/9.10A 26.00B/20.10A 29.30B/22.10A		10.60 - 6.20 23.90 + 1.70 23.10 NEW	.5989 .4995 .5000			5 10 12		22 + 11 + 12 +	2 10
194 194 194	0 9. 0	. 60  . 80	9.60  18.80	11.40B/5.90A 23.60B/16.40A 20.30B/14.40A	11.40B/5.90A 23.60B/16.40A 20.30B/14.40A		8.60 + 0.60 17.50 - 4.60 18.30 + 1.70	.5172 .4967 .5030			44 10 11		130 + 11 + 178 +	10
194 194 194	0 12. 5 9.		12.40 9.30	14.20B/6.50 14.50B/7.70A 28.70B/22.40A	14.20B/6.50 14.50B/7.70A 28.70B/22.40A		7.80 - 5.80 11.40 + 1.10 26.60 + 2.00	.4826 .6339 .5341			87 45		92 + 285 + 2	10 70 16 UNCH
194 194 194 194	5 5	  .10	 9.10	20.90B/14.30A 23.10B/16.60A 11.90B/*4.60	20.90B/14.30A 23.10B/16.60A 11.90B/*4.60		15.20 - 4.40 21.00 + 2.00 5.60 - 5.30	.4502 .5495 .3660			 117		2 3 353 +	UNCH UNCH 21
195 195	0 22. 0 6.		22.80 6.20	27.80B/21.50A 9.50/*3.30A	27.80B/21.50A 9.50/*3.30A 31.70B/25.00A		22.30 - 4.30 3.90 - 4.60	.4426 .2611			117 69		1 192 +	UNCH 51
195 195 195	0 0 10.		10.00	31.70B/25.00A 24.10B/17.80A 17.90B/10.00	24.10B/17.80A 17.90B/10.00		18.70 - 4.20 14.70 + 1.80	.5682 .4313 .7388			9		1 2 159 +	UNCH UNCH 4
195 195 195	0	  .90	3.90	18.30B/12.30A 26.20B/19.00A 7.00B/*2.20A	18.30B/12.30A 26.20B/19.00A 7.00B/*2.20A		13.10 - 4.10 23.90 + 2.30 2.70 - 3.90	.4044 .5952 .1778			 55		1 1 227 +	UNCH UNCH 23
THE	INFORM	MATION	CONTAINED IN THI	S REPORT IS COMPI	LED FOR THE CONVEN	NIENCE OF THE USER	AND IS FURNISHED WIT	THOUT RES	SPONSIBI	LITY FOR	ACCURACY	OR CONT	ENT. IT	

## **METALS OPTIONS PRODUCTS**

Side 21

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000

PRELIMINARY

				,	PRELIMINAL	?) 930-1000 <b>RY</b>							
PG64	BULLET:	IN # 19@			METALS OPTION P	RODUCTS				Mon,	Jan 30,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	( INTER	OPEN
GWW W		GOLD WEEKLY WED	NESDAY OPTION WEE	к3									
FEB23 1955 1955			34.80B/27.70A 21.80B/15.90A	34.80B/27.70A 21.80B/15.90A		32.50 + 2.50 16.70 - 4.00	.6017 .3978					2 1	UNCH
1955 1955	17.20	17.20 	21.80B/13.30A 29.40B/21.90A	21.80B/13.30A 29.40B/21.90A		18.50 + 2.50 27.00 + 2.60	.8220 .6396			6 		23 + 1	6 UNCH
1960 1960	3.10	3.10	5.30B/*1.60A 19.70B/14.20A	5.30B/*1.60A 19.70B/14.20A		1.90 - 3.20 14.90 - 3.70	.1187 .3655			19 2		139 + 6 +	13 2
1960 1960	20.70	20.70	25.90B/16.80A 14.00B/9.10A 32.90B/25.30A	25.90B/16.80A 14.00B/9.10A 32.90B/25.30A		22.70 + 3.20 9.60 - 3.50 30.40 + 2.90	.8812 .3186			5  1		20 +	UNCH
1960 1965 1965	23.40	23.40	30.30B/20.40A /*1.10A	30.30B/20.40A /*1.10A		30.40 + 2.90 27.10 + 3.80 1.30 - 2.60	.6811 .9240 .0758			1 1 4		20 25 + 44 +	UNCH 1 2
1965 1965	37.10 9.00	37.10 9.00	41.50B/34.10A 12.10B/*7.70A	41.50B/34.10A 12.10B/*7.70A		39.10 NEW 8.20 - 3.20	.6648			7 2		7 + 22 +	7 2
1965 1970			36.50B/28.40A 34.80B/24.40A	36.50B/28.40A 34.80B/24.40A		34.00 + 3.20 31.70 + 4.40	.7197 .9518					1 12	UNCH UNCH
1970 1970	1.90 8.00	1.90 8.00	1.90/*0.80 10.50B/*6.60A	1.90/*0.80 10.50B/*6.60A		0.90 - 2.00 7.00 - 2.90	.0480			9 3		41 + 4 +	1 3
1970 1975	1.00	1.00	40.40B/32.10A 1.00/*0.60A	40.40B/32.10A 1.00/*0.60A		37.80 + 3.50 0.60 - 1.60	.7549 .0289 .9709			21		85 + 8	UNCH 5
1975 1975 1975			39.50B/28.70A 14.20B/*10.00A 9.00B/*5.60A	39.50B/28.70A 14.20B/*10.00A 9.00B/*5.60A		36.40 + 4.80 10.50 - 3.00 5.90 - 2.70	.2774					41 14	UNCH UNCH UNCH
1980 1980	1.20	1.20	16.00B/12.00A 1.50B/*0.40A	16.00B/12.00A 1.50B/*0.40A		12.50 - 2.80 0.40 - 1.30	.2846			108		0 95 +	UNCH 82
1980 1980			44.20B/33.10A 7.70B/*4.70A	44.20B/33.10A 7.70B/*4.70A		41.20 + 5.10 5.00 - 2.40	.9827 .1830					4 1	UNCH UNCH
1985 1985	0.20	0.20	0.20/*0.20 11.30B/*7.90A	0.20/*0.20 11.30B/*7.90A		0.30 - 1.00 8.30 - 2.50	.0114			21 		11 + 17	UNCH
1985 1985 1990	0.30	0.30	48.50B/37.80A 6.60B/*4.00A 0.30/*0.20	48.50B/37.80A 6.60B/*4.00A 0.30/*0.20		46.10 + 5.40 4.30 - 2.10 0.20 - 0.80	.9885 .1588 .0066			 4		3 1 35 +	UNCH UNCH 2
1990 1990			10.00B/*7.00A 53.20B/42.50A	10.00B/*7.00A 53.20B/42.50A		7.30 - 2.30 51.00 + 5.60	.2047					10	UNCH UNCH
1995 1995			/*0.20A 58.10B/47.30A	/*0.20A 58.10B/47.30A		0.10 - 0.70 55.90 + 5.70	.0028 .9972			3		67 1	UNCH UNCH
2000 2000	6.70	6.70	/*0.20A 7.90B/*5.50A	/*0.20A 7.90B/*5.50A		0.10 - 0.50 5.80 - 1.80	.1666			1		27 1 -	UNCH
2000	2.60  0.30	2.60  0.30	2.60/*2.50A 68.00B/57.00A 0.30/*0.10	2.60/*2.50A 68.00B/57.00A 0.30/*0.10		2.60 NEW 65.90 + 6.00 0.10 - 0.40	.0992 .9995 .0005			 4		2 + 2 17 +	UNCH
2005 2010 2010	0.10	0.10	0.10/*0.10 /*1.80A	0.10/*0.10 /*1.80A		0.10 - 0.40 0.10 - 0.30 1.90 - 1.20	.0003			 1		2 + 1	1 UNCH
2015 2015	0.10	0.10	0.10/*0.10 /*1.50A	0.10/*0.10 /*1.50A		$ \begin{array}{rrrr} 0.10 & - & 0.20 \\ 1.60 & - & 1.10 \end{array} $	.0000			1		16 + 1	1 UNCH
2020 2020	0.10	0.10	0.10/*0.10 /*3.40A	0.10/*0.10 /*3.40A		0.10 - 0.10 3.60 - 1.20	.0000 .1078			2		17 5	UNCH
2020 2025	1.60	1.60	1.60/*1.30A /*3.10A /*1.20A	1.60/*1.30A /*3.10A /*1.20A		1.40 - 0.90 3.20 - 1.10 1.20 - 0.80	.0535			4 		6 + 5	UNCH
2025 2025 2030			/*1.20A /*0.10A	/*1.20A /*0.10A		1.20 - 0.80 0.10 - 0.10 0.10 UNCH	.0457					4 22 22	UNCH UNCH UNCH
2030 2035			/*2.70A	/*2.70A		2.80 - 1.00 0.10 UNCH	.0855					5	UNCH
2040 2045						0.10 UNCH 0.10 UNCH						11 7	UNCH UNCH
2050 2050			/*0.60A	/*0.60A		0.60 - 0.40 0.10 UNCH	.0220			1 		3 + 3 <u>1</u>	1 UNCH
2055 2055			/*0.50A 	/*0.50A 		0.50 - 0.40 0.10 UNCH	.0183					7 8	UNCH
2060 2060 2065			/*1.40A 	/*1.40A 		1.40 - 0.60 0.10 UNCH 0.10 UNCH	.0436					2 8 14	UNCH UNCH UNCH
2065 2070			/*0.40A	/*0.40A 		0.40 - 0.30 0.10 UNCH	.0143					100	UNCH
2070 2075			/*1.20A /*0.40A	/*1.20A /*0.40A		1.20 - 0.40 0.30 - 0.30	.0368					1 1	UNCH UNCH
2075 2080			/*0.30A	/*0.30A		0.10 UNCH 0.30 - 0.20	.0102					2	UNCH UNCH
2090 2095			/*1.40A	/*1.40A		0.10 UNCH 1.30 - 0.50 0.10 UNCH	.0358					150 1 1	UNCH UNCH UNCH
2110 2120 2125			 /*0.50A	 /*0.50A		0.10 UNCH 0.10 UNCH 0.40 - 0.20	.0119					1 2	UNCH
2140 2145						0.10 UNCH 0.10 UNCH	.0007					1 230	UNCH
2160 TOTAL						0.10 UNCH	.0002			1354		9 5617+	UNCH 705
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	( INTER	OPEN REST
GMW M JAN23		GOLD WEEKLY MON	DAY OPTION WEEK5										
1605 1635						$ \begin{array}{cccccccccccccccccccccccccccccccccccc$						0 - 0 -	168 19
1645 1650						0.00 - 0.10 0.00 - 0.10						0 - 0 -	234 234
1655 1660 1670						$egin{array}{llll} 0.00 & - & 0.10 \ 0.00 & - & 0.10 \ 0.00 & - & 0.10 \ \end{array}$						0 - 0 - 0 -	10 11 2
1675 1680						0.00 - 0.10 0.00 - 0.10						0 - 0 -	1 45
1685 1690						$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$						0 - 0 -	12 1
1695 1700						0.00 - 0.10 0.00 - 0.10						0 - 0 -	1 19
1705 1710						$egin{array}{llll} 0.00 & - & 0.10 \ 0.00 & - & 0.10 \ 0.00 & - & 0.10 \ \end{array}$						0 - 0 - 0 -	38 81 9
1715 1720 1725						0.00 - 0.10 0.00 - 0.10 0.00 - 0.10						0 - 0 -	10 17
1730 1740						0.00 - 0.10 0.00 - 0.10						0 - 0 -	5 17
1745 1750						$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$						0 - 0 -	36 13
1755 1765			  170 200 /160 504	 178.20B/168.50A		$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$		 2				0 - 0 - 0 -	6 6
1770 1770 1775				173.20B/163.50A 173.20B/163.50A		0.00 - 0.10 164.20 - 6.50		<del>-</del>				0 - 0 -	2 2 1
1775 1780						0.00 - 0.10 0.00 - 0.10						0 - 0 -	22 12
1785 1790						$ \begin{array}{rrrr} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \end{array} $						0 -	10 11
1795 1800				 148.20B/138.40A		0.00 - 0.10 139.20 - 6.50		3				0 -	14 3
1800 1805						$egin{array}{llll} 0.00 & - & 0.10 \ 0.00 & - & 0.10 \ 0.00 & - & 0.10 \ \end{array}$						0 - 0 - 0 -	111 11 32
1810 1815 1820						0.00 - 0.10 $0.00 - 0.10$ $0.00 - 0.10$						0 - 0 - 0 -	32 18 2
1825 1825			123.20B/113.40A	123.20B/113.40A		114.20 - 6.50 0.00 - 0.10		5				0 -	5 15
1830 1830				118.20B/108.40A		109.20 - 6.50 0.00 - 0.10		4				0 -	4 10
1835 1835				113.20B/103.40A		104.20 - 6.50 0.00 - 0.10		11 				0 -	11 4
1840 1840			108.20B/98.40A  103.20B/93.40A	108.20B/98.40A  103.20B/93.40A		99.20 - 6.50 0.00 - 0.10 94.20 - 6.50		 6				0 - 0 - 0 -	3 12 6
1845 1845 1850	0.10	0.10	0.10/0.10 98.30B/88.50A	0.10/0.10 98.30B/88.50A		0.00 - 0.10 89.20 - 6.50		 12		1		0 - 0 -	101
1850 1855			93.20B/83.50A	93.20B/83.50A		0.00 - 0.10 84.20 - 6.50		 5				0 -	12 17 5
1855						0.00 - 0.10						0 -	115

## **METALS OPTIONS PRODUCTS**

Side 22

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 PRELIMINARY



PG64 BULLETIN # 19@				METALS OPTION PRODUCTS					Mon, Jan 30, 2023 PG64			
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
GMW M JAN23 1860		GOLD WEEKLY MO	NDAY OPTION WEEK5	88.20B/78.50A		79.20 - 6.50		2				0 - 2
1860 1860			83.20B/73.40A	83.20B/73.40A		0.00 - 0.10 74.20 - 6.50		31				0 - 152 0 - 31
1865 1870						$ \begin{array}{rrrr} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \end{array} $						0 - 112
1875 1875 1880			73.20B/61.50A  68.20B/58.50A	73.20B/61.50A  68.20B/58.50A		64.20 - 6.50 0.00 - 0.10 59.20 - 6.50		12  9		1 2 1		0 - 206 0 - 12 0 - 17 0 - 10
1880 1885			63.20B/53.50A	63.20B/53.50A		0.00 - 0.10 54.20 - 6.50		3				0 - 8 0 - 3
1885 1890			58.20B/48.50A	58.20B/48.50A		0.00 - 0.10 49.20 - 6.50		5				0 - 25 0 - 5
1890 1895 1895			53.20B/43.50A	53.20B/43.50A		0.00 - 0.10 44.20 - 6.50 0.00 - 0.10		16				0 - 9 0 - 16 0 - 8
1900 1900			48.30B/36.60A	48.30B/36.60A		39.20 - 6.50 0.00 - 0.10		16 				0 - 16 0 - 22
1905 1905	0.10	0.10	43.30B/33.50A 0.10/*0.10	43.30B/33.50A 0.10/*0.10		34.20 - 6.50 0.00 - 0.10		37		1		0 - 16 0 - 22 0 - 37 0 - 22 0 - 78 0 - 39
1910 1910 1915	0.10	0.10	38.40B/28.50A 0.10/*0.10 33.40B/21.90A	38.40B/28.50A 0.10/*0.10 33.40B/21.90A		29.20 - 6.60 0.00 - 0.20 24.20 - 6.70		78  204		6		0 - 78 0 - 39 0 - 204
1915 1920	0.10	0.10	0.20B/*0.10 28.50B/17.20A	0.20B/*0.10 28.50B/17.20A		0.00 - 0.30 19.20 - 6.90		19		2		0 - 47 0 - 19
1920 1925	0.20  0.50	0.20  0.50	0.50/*0.10 23.60B/12.80A 1.00B/*0.10A	0.50/*0.10 23.60B/12.80A 1.00B/*0.10A		0.00 - 0.50 14.20 - 7.20 0.00 - 0.90		20		46 		0 - 55 0 - 20 0 - 152
1925 1930 1930	11.60 0.80	11.60 0.80	18.80B/8.60A 2.10B/*0.10	1.00B/*0.10A 18.80B/8.60A 2.10B/*0.10		9.20 - 7.80 0.00 - 1.40		17		12 27 74		0 - 132 0 - 29 0 - 32
1935 1935	10.00 1.60	10.00 1.60	15.00/*3.40A 3.80/*0.10	15.00/*3.40A 3.80/*0.10		4.20 - 8.70 0.00 - 2.30		156 		4 174		0 - 156 0 - 83
1940 1940 1945	6.20 2.60 5.00	6.20 2.60 5.00	10.00B/*0.10A 6.50B/*0.60 7.10B/*0.10A	10.00B/*0.10A 6.50B/*0.60 7.10B/*0.10A		0.00 - 9.30 0.80 - 2.90 0.00 - 6.30		59		165 152 159		0 - 161 0 - 39 0 - 69
1945 1950	5.00 3.00	5.00 3.00	10.10B/*2.70A 4.30B/*0.10	10.10B/*2.70A 4.30B/*0.10		5.80 + 0.10 0.00 - 4.10		51		58 139		0 - 44 0 - 86
1950 1955	4.80 1.60	4.80 1.60	14.30B/*4.80 2.30B/*0.10	14.30B/*4.80 2.30B/*0.10		10.80 + 2.30 0.00 - 2.60		22		36 99		0 - 18
1955 1960 1960	8.40 0.80	8.40 0.80	18.90B/8.40 1.10B/*0.10A 23.20B/12.90A	18.90B/8.40 1.10B/*0.10A 23.20B/12.90A		15.80 + 3.80 0.00 - 1.60 20.80 + 4.80		17  14		9 27 		0 - 97 0 - 22 0 - 17 0 - 14
1965 1965	0.10	0.10	0.10/*0.10 26.50B/17.30A	0.10/*0.10 26.50B/17.30A		0.00 - 1.00 $25.80 + 5.40$		8		45 		0 - 70 0 - 8
1970 1975	0.10 0.10	0.10 0.10	0.10/*0.10 0.10/0.10	0.10/*0.10 0.10/0.10		0.00 - 0.60 0.00 - 0.40				25 14		0 - 140 0 - 35
1975 1980 1985	34.90	34.90 	38.60B/26.90A /0.10A	38.60B/26.90A /0.10A		35.80 NEW 0.00 - 0.20 0.00 - 0.10		5 		7 		0 UNCH 0 - 37 0 - 16
1990 1995						$ \begin{array}{rrrr} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \end{array} $						0 - 22 0 - 11
2000 2005						$egin{array}{cccc} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \\ \end{array}$						0 - 14 0 - 5 0 - 13
2010 2015 2020						0.00 - 0.10 $0.00 - 0.10$ $0.00 - 0.10$						0 - 13 0 - 5 0 - 207
2025 2030						$ \begin{array}{rrrr} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \end{array} $						0 - 15 0 - 17
2035 2040						$egin{array}{cccc} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \\ \end{array}$						0 - 5 0 - 8 0 - 105
2045 2050 2055						0.00 - 0.10 $0.00 - 0.10$ $0.00 - 0.10$						0 - 101 0 - 114
2060 2065						$ \begin{array}{rrrr} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \end{array} $						0 - 2 0 - 2
2070 2075 2080						$egin{array}{cccc} 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \\ 0.00 & - & 0.10 \\ \end{array}$						0 - 1 0 - 3 0 - 4
2125 TOTAL						0.00 - 0.10				1286		0 - 6 0 - 4493
FEB23 1615						0.10 UNCH						2 UNCH
1620 1625						0.10 UNCH 0.10 UNCH						1 UNCH 3 UNCH
1635 1645						0.10 UNCH 0.10 UNCH						10 UNCH 5 UNCH
1650 1655 1660						0.10 UNCH 0.10 UNCH 0.10 UNCH						6 UNCH 1 UNCH 2 UNCH
1665 1675						0.10 UNCH 0.10 UNCH						3 UNCH 4 UNCH
1685 1690						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0000					1 UNCH 5 UNCH 2 UNCH
1695 1695 1700						0.10 UNCH 0.10 UNCH						1 UNCH 2 UNCH
1705 1710						0.10 UNCH 0.10 UNCH	.0001					2 UNCH 7 UNCH
1710 1715 1720						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0002			3 		20 UNCH 1 UNCH 5 UNCH
1720 1725						0.10 UNCH 0.10 UNCH	.0003					3 UNCH 5 UNCH
1725 1730			 213.20B/202.10A	 213.20B/202.10A		0.10 UNCH 0.10 UNCH 204.20 - 6.40	1.0000					1 UNCH 8 UNCH 1 UNCH
1735 1735 1740						0.10 UNCH 0.10 UNCH						5 UNCH 3 UNCH
1745 1745						0.40 UNCH 0.10 UNCH	.0111					4 UNCH 5 UNCH
1750 1755 1760						0.10 UNCH 0.10 UNCH 0.10 UNCH	.0026					9 UNCH 2 UNCH 10 UNCH
1760 1760			188.20B/177.10A	188.20B/177.10A		179.20 - 6.40 0.10 UNCH	1.0000 .0000					1 UNCH 4 UNCH
1765 1765			183.20B/172.10A	183.20B/172.10A		0.10 - 0.10 174.20 - 6.40 0.10 UNCH	.0034 1.0000 .0000			 2		4 UNCH 1 UNCH 2 UNCH
1765 1770 1770						0.10 UNCH 0.20 UNCH 0.10 UNCH	.0063					6 UNCH 2 UNCH
1775 1775				173.20B/161.50A		164.20 - 6.40 0.10 UNCH	1.0000 .0000					1 UNCH 2 UNCH
1780 1780						0.20 UNCH 0.10 UNCH 0.20 UNCH	.0067 .0000 .0069					1 UNCH 16 UNCH 22 UNCH
1785 1785 1785						1.00 + 0.10 0.10 UNCH	.0274					1 UNCH 8 + 6
1790 1790	 1 30	 1 20	 1 20/1 20	  1 20 /1 20		0.30 UNCH 0.10 UNCH	.0100 .0001					3 UNCH 5 UNCH
1795 1795	1.20	1.20	1.20/1.20  /*0.30A	1.20/1.20  /*0.30A		1.20 UNCH 0.10 UNCH 0.30 - 0.10	.0330 .0002 .0106			3  1		3 + 3 2 UNCH 10 - 1
1800 1800 1800			1.40B/	1.40B/		1.40 + 0.10 0.10 UNCH	.0380					2 UNCH 67 UNCH
1805 1805			143.30B/132.10A	143.30B/132.10A		134.20 - 6.40 0.10 UNCH	.9999 .0005					2 UNCH 25 UNCH
1810 1810			/*0.40A 138.30B/127.10A	/*0.40A 138.30B/127.10A		0.40 - 0.10 129.20 - 6.40 0.10 UNCH	.0143 .9995 .0008					5 UNCH 4 UNCH 69 UNCH
1810 1815 1815			2.00B/1.80A	2.00B/1.80A		0.10 UNCH 0.50 UNCH 1.90 UNCH	.0008 .0177 .0514					5 UNCH 1 UNCH
1815 1815			133.30B/122.10A	133.30B/122.10A		124.20 - 6.50 0.10 UNCH	.9989 .0012					2 UNCH 8 UNCH
1820 1820 1820	0.50 2.10	0.50 2.10	0.50/*0.50 2.30B/2.00A 128.30B/117.10A	0.50/*0.50 2.30B/2.00A 128.30B/117.10A		0.50 - 0.10 2.20 UNCH 119.20 - 6.50	.0183 .0585 .9982			1 1 		7 + 1 1 + 1 8 UNCH
1820			128.30B/117.10A	126.30B/117.10A		0.10 - 0.10	.0019					7 UNCH

## **METALS OPTIONS PRODUCTS**

Side 23

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000

PRELIMINARY

METALS OPTION PRODUCTS Mon, Jan 30, 2023 PG6

PG64	BULLET	IN # 19@			METALS OPTION	N PRODUCTS				Mon,	Jan 30,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
GMW M			MONDAY OPTION WEEK2									
1825 1825	0.70 	0.70 	0.70/*0.60A 2.60B/2.30A 123.30B/111.70A	0.70/*0.60A 2.60B/2.30A		0.60 - 0.10 2.40 UNCH 114.30 - 6.40	.0219 .0640 .9973			10 		37 + 9 3 UNCH 14 UNCH
1825 1825 1830			/0.70A	/0.70A		0.10 - 0.10 0.70 - 0.10	.0028			15		71 + 15 2 UNCH
1830 1830			2.90B/2.60A 118.40B/107.20A	2.90B/2.60A		2.70 UNCH 109.30 - 6.50	.0714 .9959			1		1 + 1 25 UNCH
1830 1835			 /0.80A 113.50B/102.10A	 /0.80A		$ \begin{array}{r} 0.10 - 0.10 \\ 0.80 - 0.10 \\ 104.30 - 6.50 \end{array} $	.0041 .0294 .9920			1		264 UNCH 1 - 1 8 UNCH
1835 1835 1840			/*0.20A /*0.90A	/*0.20A /*0.90A		0.20 - 0.10 0.90 - 0.10	.0079					32 UNCH 2 UNCH
1840 1840			3.80B/3.20A 108.50B/97.20A	3.80B/3.20A 108.50B/97.20A		3.50 UNCH 99.40 - 6.50	.0900 .9916					2 UNCH 6 UNCH
1840 1845 1845	0.20 	0.20	0.20/*0.20 /1.10A 4.30B/3.60A	0.20/*0.20 /1.10A 4.30B/3.60A		0.20 - 0.20 1.10 - 0.10 3.90 UNCH	.0083 .0404 .0995			200		210 + 200 2 UNCH 2 UNCH
1845 1845			103.60B/92.40A	103.60B/92.40A		94.50 - 6.50 0.30 - 0.10	.9875 .0123					22 UNCH 4 UNCH
1850 1850			1.50B/*1.20A 4.80B/4.10A	1.50B/*1.20A 4.80B/4.10A		1.30 - 0.10 4.40 UNCH	.0475					30 UNCH 2 UNCH
1850 1850 1855			98.70B/87.00A /0.40A 1.80B/1.50A	98.70B/87.00A /0.40A 1.80B/1.50A		89.50 - 6.50 0.40 - 0.10 1.60 UNCH	.9833 .0165 .0574			7 		12 UNCH 31 + 5 3 UNCH
1855 1855			5.50B/4.50A 93.70B/82.60A	5.50B/4.50A 93.70B/82.60A		4.90 UNCH 84.70 - 6.50	.1222 .9790					2 UNCH 5 UNCH
1855 1860	1.80	1.80	/*0.50A 2.10B/1.70A 6.20B/5.10A	/*0.50A 2.10B/1.70A 6.20B/5.10A		0.50 - 0.10 1.80 - 0.10 5.60 + 0.10	.0209 .0650 .1367			2 1 3		55 + 2 5 + 1 6 + 3
1860 1860 1860			88.80B/77.60A /*0.60A	88.80B/77.60A /*0.60A		79.80 - 6.50 0.60 - 0.20	.9743					8 UNCH 22 UNCH
1865 1865			2.50B/2.00A 6.90B/5.70A	2.50B/2.00A 6.90B/5.70A		2.20 UNCH 6.30 + 0.10	.0779					4 UNCH 3 UNCH
1865 1865 1870			84.00B/72.60A /*0.70A 7.80B/6.30A	84.00B/72.60A /*0.70A 7.80B/6.30A		75.00 - 6.50 0.80 - 0.10 7.00 + 0.10	.9660 .0338 .1661					203 UNCH 9 UNCH 17 UNCH
1870 1870 1870	1.30	1.30	79.10B/67.70A 1.30/*0.90A	79.10B/67.70A 1.30/*0.90A		70.20 - 6.50 1.00 - 0.10	.9574			1		9 UNCH 10 UNCH
1875 1875	7.90	7.90	3.50B/2.70A 8.70B/7.00A	3.50B/2.70A 8.70B/7.00A		3.10 + 0.10 $7.90 + 0.20$	.1066			3		5 UNCH 8 + 3
1875 1875 1880			74.30B/63.00A 1.50B/*1.10A 4.20B/3.20A	74.30B/63.00A 1.50B/*1.10A 4.20B/3.20A		65.40 - 6.50 1.30 - 0.10 3.60 UNCH	.9452 .0546 .1227			7		7 UNCH 27 UNCH 1 UNCH
1880 1880	8.70	8.70	9.80B/7.80A 69.60B/58.40A	9.80B/7.80A 69.60B/58.40A		8.90 + 0.30 60.80 - 6.40	.2022 .9324			<u>-</u>		4 UNCH 2 UNCH
1880 1885	1.50	1.50	1.90B/1.40A 4.90B/3.70A 64.90B/53.80A	1.90B/1.40A 4.90B/3.70A 64.90B/53.80A		1.60 - 0.10 4.30 + 0.10 56.20 - 6.40	.0673 .1431 .9162			3 		267 + 3 2 UNCH 5 UNCH
1885 1885 1890			2.40B/1.70A 12.20B/9.70A	2.40B/1.70A 12.20B/9.70A		2.00 UNCH 11.10 + 0.40	.0836					17 UNCH 2 UNCH
1890 1890			5.80B/4.30A 60.20B/49.40A	5.80B/4.30A 60.20B/49.40A		5.10 + 0.30 51.60 - 6.40	.1657 .8964					15 UNCH 4 UNCH
1890 1895			3.00B/*2.00A 58.10B/48.10A 13.60B/10.80A	3.00B/*2.00A 58.10B/48.10A 13.60B/10.80A		2.50 UNCH 50.10 - 6.10 12.40 + 0.50	.1034 .8109 .2641			2 		23 + 2 1 UNCH 1 UNCH
1895 1895 1895	47.80	47.80	55.60B/45.00A 6.70B/4.90A	55.60B/45.00A 6.70B/4.90A		47.20 - 6.30 5.90 + 0.30	.8732 .1887			1		4 - 1 2 UNCH
1895 1900			3.60B/2.50A 53.90B/44.10A	3.60B/2.50A 53.90B/44.10A		3.10 + 0.10 $46.10 - 6.00$	.1265					2 UNCH 10 UNCH
1900 1900 1900	43.50	 43.50	7.80B/5.70A 15.00B/12.00A 51.20B/40.80A	7.80B/5.70A 15.00B/12.00A 51.20B/40.80A		6.90 + 0.30 13.80 + 0.60 42.90 - 6.30	.2154 .2870 .8468			1  3		8 UNCH 5 UNCH 27 UNCH
1900 1905	14.30	14.30	4.40B/3.00A 16.60B/13.30A	4.40B/3.00A 16.60B/13.30A		3.80 + 0.20 15.30 NEW	.1530 .3107			2		4 UNCH 2 + 2
1905 1905			46.80B/36.70A 9.10B/6.60A 5.50B/3.60A	46.80B/36.70A 9.10B/6.60A 5.50B/3.60A		38.80 - 6.10 8.10 + 0.50 4.60 + 0.20	.8170 .2453 .1827					3 UNCH 11 UNCH 2 UNCH
1905 1910 1910			10.50B/7.60A 18.40B/14.70A	10.50B/7.60A 10.50B/7.60A 18.40B/14.70A		9.40 + 0.20 $9.40 + 0.60$ $17.00 + 0.80$	.2767					10 UNCH 2 UNCH
1910 1910	5.50	5.50	42.60B/32.90A 6.60B/4.30A	42.60B/32.90A 6.60B/4.30A		34.80 - 6.00 5.60 + 0.30	.7820 .2177			5		1 UNCH 12 + 5
1915 1915 1915			42.10B/33.30A 12.10B/8.80A 38.50B/29.20A	42.10B/33.30A 12.10B/8.80A 38.50B/29.20A		35.00 - 5.70 10.90 + 0.80 31.00 - 5.90	.6889 .3107 .7424			2		2 UNCH 6 + 2 8 UNCH
1915 1920	6.60	6.60	7.90B/5.20A 38.50B/30.10A	7.90B/5.20A 38.50B/30.10A		6.80 + 0.40 $31.70 - 5.50$	.2573			8		16 + 7 4 UNCH
1920 1920	20.70	20.70	13.90B/10.20A 22.40B/18.00A	13.90B/10.20A 22.40B/18.00A		12.50 + 0.90 $20.70 + 1.00$	.3459			1		103 UNCH 3 + 1
1920 1920 1925	8.40	8.40	34.60B/25.70A 9.50B/6.20A 15.90B/11.70A	34.60B/25.70A 9.50B/6.20A 15.90B/11.70A		27.40 - 5.80 8.30 + 0.70 14.30 + 1.00	.6976 .3021 .3830			26		11 UNCH 59 + 24 1 UNCH
1925 1925			30.90B/22.50A 43.20B/35.70A	30.90B/22.50A 43.20B/35.70A		24.10 - 5.60 37.00 - 5.20	.6508 .5847					2 UNCH 8 UNCH
1925 1930 1930	9.10	9.10	11.40B/7.50A 18.10B/13.40A 27.40B/19.60A	11.40B/7.50A 18.10B/13.40A 27.40B/19.60A		9.90 + 0.80 16.40 + 1.30 21.00 - 5.40	.3489 .4218 .6006			23 		61 + 22 17 UNCH 5 UNCH
1930 1935	9.70	9.70	13.50B/9.00A 29.30B/21.60A	13.50B/9.00A 29.30B/21.60A		11.80 + 1.00 22.80 - 4.90	.3992			3		21 + 1 2 UNCH
1935 1935	28.00 25.00	28.00 25.00	29.40B/23.90A 25.00/17.00A	29.40B/23.90A 25.00/17.00A		27.40 + 1.50 18.10 - 5.20	.4691 .5485			1 5		6 + 1 9 + 4
1935 1940 1940	21.20	21.20	15.90B/10.80A 26.40B/19.20A 23.10B/17.40A	15.90B/10.80A 26.40B/19.20A 23.10B/17.40A		13.90 + 1.20 20.30 - 4.70 21.10 + 1.70	.4512 .4986 .5010			202		7 + 1 200 + 192 19 UNCH
1940 1940			31.80B/26.10A 21.80B/14.60A	31.80B/26.10A 21.80B/14.60A		29.90 + 1.60 15.60 - 4.80	.4965 .4952					1 UNCH 4 UNCH
1940 1945	13.10  22.70	13.10  22.70	18.50B/12.60A 23.70B/17.00A 25.90B/19.60A	18.50B/12.60A 23.70B/17.00A 25.90B/19.60A		16.40 + 1.60 18.00 - 4.40 23.70 + 1.90	.5045 .4590 .5405			6  10		17 + 2 10 UNCH 10 + 10
1945 1945 1945	32.00 14.20	32.00 14.20	34.60B/28.50A 19.10B/12.40A	34.60B/28.50A 19.10B/12.40A		32.60 + 1.80 13.30 - 4.50	.5238 .4424			1 7		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
1945 1945	17.70	17.70 	21.30B/14.80A 32.60B/25.90A	21.30B/14.80A 32.60B/25.90A		19.10 + 1.90 26.80 - 4.60	.5573 .4754			1 		7 UNCH 6 UNCH
1950 1950 1950	15.80 25.50 35.50	15.80 25.50 35.50	21.20B/15.00A 28.90B/22.10A 37.50B/31.00A	21.20B/15.00A 28.90B/22.10A 37.50B/31.00A		15.80 - 4.20 26.60 + 2.20 35.40 + 2.00	.4198 .5798 .5509			2 10 2		2 + 1 229 + 4 60 - 2
1950 1950	12.40	12.40	16.60B/10.40A 30.10B/23.80A	16.60B/10.40A 30.10B/23.80A		11.20 - 4.20 24.60 - 4.40	.3905 .4484			4 		15 - 1 6 UNCH
1950 1955 1955	19.60 	19.60 	24.40B/17.30A 18.90B/13.20A 40.50B/33.70A	24.40B/17.30A 18.90B/13.20A 40.50B/33.70A		22.00 + 2.20 13.90 - 4.00 38.30 + 2.20	.6093 .3820 .5773			7 		35 + 6 6 UNCH 1 UNCH
1955 1955 1955	10.30	10.30	14.30B/8.80A 27.70B/20.10A	14.30B/8.80A 27.70B/20.10A		9.50 - 3.80 25.30 + 2.60	.3421 .6577			1		7 + 1 22 UNCH
1960 1960			16.80B/11.60A 35.40B/27.70A	16.80B/11.60A 35.40B/27.70A		12.20 - 3.70 33.00 + 2.80	.3458 .6538					5 UNCH 1 UNCH
1960 1960 1960	7.30	7.30	43.60B/36.50A 12.30B/7.30 31.30B/23.50A	43.60B/36.50A 12.30B/7.30 31.30B/23.50A		41.40 + 2.40 8.00 - 3.40 28.80 + 3.00	.6033 .2969 .7029			3		2 UNCH 252 UNCH 28 UNCH
1960 1965			25.60B/20.00A 14.90B/10.10A	25.60B/20.00A 14.90B/10.10A		20.70 - 4.00 10.70 - 3.40	.3960 .3116					3 UNCH 2 UNCH
1965 1965	6.20	6.20	38.90B/31.30A 10.50B/6.20	38.90B/31.30A 10.50B/6.20		36.50 + 3.10 6.70 - 3.00 9.40 - 3.00	.6879 .2554			 1 2		1 UNCH 6 + 1
1970 1970 1975	6.00	6.00	13.10B/8.80A 8.90B/5.10A 11.50B/*7.70A	13.10B/8.80A 8.90B/5.10A 11.50B/*7.70A		9.40 - 3.00 5.60 - 2.60 8.20 - 2.80	.2801 .2181 .2502			1 2		3 + 1 7 UNCH 3 UNCH
1975 1975			7.50B/4.30A 19.90B/15.30A	7.50B/4.30A 19.90B/15.30A		4.60 - 2.40 15.80 - 3.30	.1837 .3229					12 UNCH 1 UNCH
1980 1980			10.10B/*6.70A 6.30B/3.50A 8.80B/*5.80A	10.10B/*6.70A 6.30B/3.50A 8.80B/*5.80A		7.10 - 2.60 3.80 - 2.10 6.20 - 2.30	.2221 .1543 .1974			 1		5 UNCH 5 UNCH 14 - 1
1985 1985 1985			5.20B/*2.90A 16.70B/*12.70A	5.20B/*2.90A 16.70B/*12.70A		3.20 - 1.80 13.10 - 3.00	.1305 .2787			3		10 UNCH 7 + 3
1990 1990	12 90	 12 80	7.70B/*5.10A 4.40B/*2.40A	7.70B/*5.10A 4.40B/*2.40A		5.40 - 2.10 2.60 - 1.60	.1748 .1076			2		78 UNCH 4 UNCH
1990 1995 1995	13.80	13.80 	15.20B/11.60A 6.70B/*4.40A 3.70B/*2.00A	15.20B/11.60A 6.70B/*4.40A 3.70B/*2.00A		11.90 - 2.80 4.70 - 1.80 2.20 - 1.40	.2581 .1544 .0908			1 		3 + 1 20 UNCH 16 UNCH
1995			13.90B/10.60A	13.90B/10.60A		10.90 - 2.50	.2395					2 UNCH

PG64 BULLETIN # 19@

## **METALS OPTIONS PRODUCTS**

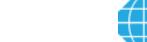
64 Side 24

PG64

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



20 South Wacker Drive, Chicago, Illinois 60606-7499.



Mon, Jan 30, 2023

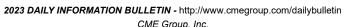
Customer Service: (312) 930-1000 PRELIMINARY

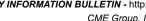
METALS OPTION PRODUCTS

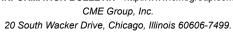
94 BULLE	11N # 19@										
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
MON 23	GOLD WEEKLY M	ONDAY OPTION WEEK2									
)		5.90B/*3.90A /*1.70A	5.90B/*3.90A /*1.70A		4.10 - 1.60 1.80 - 1.20	.1363 .0747			 1		20 UNCH 150 + 1
Š		12.70B/*9.60A 5.10B/*3.40A	12.70B/*9.60A 5.10B/*3.40A		9.90 - 2.40 3.60 - 1.40	.2212					1 UNCH 15 UNCH
		/*1.40A 11.60B/8.80A	/*1.40A 11.60B/8.80A		1.50 - 1.10 9.00 - 2.20	.0621					2 UNCH 3 UNCH
		/*2.90A /*1.20A	/*2.90A /*1.20A		3.10 - 1.30	.1053					1 UNCH
		10.50B/*8.00A	10.50B/*8.00A		1.20 - 1.00 8.20 - 2.00	.0500			3		79 UNCH 18 + 3
		/*2.60A /*1.00A	/*2.60A /*1.00A		2.70 - 1.20 1.00 - 0.90	.0925 .0414			2		76 UNCH 7 UNCH
		9.60B/*7.30A /*2.30A	9.60B/*7.30A /*2.30A		7.40 - 2.00 2.40 - 1.00	.1728 .0822					2 UNCH 17 UNCH
1.10 7.80	1.10 7.80	1.10/*0.80A 8.70B/*6.60A	1.10/*0.80A 8.70B/*6.60A		0.80 - 0.80 6.80 - 1.70	.0332 .1600			1 3		7 - 1 4 + 3
2.20	2.20	2.20/*2.00A /*0.70A	2.20/*2.00A /*0.70A		2.10 - 0.90 0.70 - 0.60	.0723			1		3 + 1 8 UNCH
0.40	0.40	7.90B/*6.10A 0.40/*0.40	7.90B/*6.10A 0.40/*0.40		6.20 - 1.60 0.60 - 0.50	.1473			 4		1 UNCH 13 + 2
0.60	0.60	7.20B/*5.50A 0.60/*0.40A	7.20B/*5.50A 0.60/*0.40A		5.60 - 1.50 0.50 - 0.40	.1349			23		1 UNCH 42 + 23
		/*5.10A /*0.40A	/*5.10A /*0.40A		5.10 - 1.40 0.40 - 0.40	.1240			 7		2 UNCH
		6.00B/*4.60A /*0.40A	6.00B/*4.60A /*0.40A		4.70 - 1.20 0.40 - 0.30	.0158					2 UNCH
1.10	1.10	1.10/*1.10	1.10/*1.10		1.10 - 0.60	.0152			5		15 + 5
		/*0.40A /*3.90A	/*0.40A /*3.90A		0.30 - 0.30 3.90 - 1.10	.0114					46 UNCH
0.20	0.20	/*1.00A 0.20/*0.20	/*1.00A 0.20/*0.20		1.00 - 0.50 0.30 - 0.20	.0344 .0110			200		17 UNCH 210 + 200
		/*3.60A /*0.90A	/*3.60A /*0.90A		3.60 - 1.00 0.80 - 0.50	.0895 .0282					1 UNCH 38 UNCH
		/*0.30A /*3.30A	/*0.30A /*3.30A		0.20 - 0.30 3.30 - 0.90	.0074 .0824					3 UNCH 4 UNCH
		/*0.80A /*3.00A	/*0.80A /*3.00A		0.80 - 0.40 3.00 - 0.90	.0273			1		2 UNCH 6 + 1
		/*0.20A /*2.80A	/*0.20A /*2.80A		0.20 - 0.20 2.80 - 0.70	.0069					1 UNCH
		/*0.70A	/*0.70A		0.60 - 0.40	.0206					1 UNCH
		/*0.20A /*0.20A	/*0.20A /*0.20A		0.20 - 0.10 0.10 - 0.20	.0067			25 		54 + 17 3 UNCH
1.80	1.80	/*2.20A 1.80/*1.80	/*2.20A 1.80/*1.80		2.20 - 0.60 2.00 - 0.60	.0555			1		42 UNCH 2 + 1
		/*0.50A /*1.90A	/*0.50A /*1.90A		0.40 - 0.30 1.90 - 0.50	.0134 .0479					4 UNCH 1 UNCH
		/*0.50A /*1.70A	/*0.50A /*1.70A		0.40 - 0.20 1.70 - 0.50	.0130 .0433					2 UNCH 2 UNCH
		/*1.50A /*0.40A	/*1.50A /*0.40A		1.50 - 0.40 0.30 - 0.20	.0379					41 UNCH 2 UNCH
1.10	1.10	1.10/*1.10	1.10/*1.10		0.30 - 0.10 1.20 - 0.30	.0092					5 UNCH
		/*1.20A	/*1.20A /*0.30A		1.10 - 0.30	.0279					39 UNCH
		/*0.30A /*0.30A	/*0.30A		0.30 - 0.10 0.30 - 0.10	.0088					1 UNCH 3 UNCH
		/*0.90A	/*0.90A		0.10 UNCH 0.90 - 0.20 0.20 - 0.10	.0000					6 + 6 41 UNCH
					0.20 - 0.10	.0057			915		400 UNCH 5108+ 816
) ) AL	OPEN OUTCRY	GLOBEX	S OPEN OUTCRY	ILVER OPTIONS ON OPEN OUTCRY			EXER	OPEN OUTCRY	GLOBEX®	PNT	OPEN
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	HIGH/LOW	OPEN OUTCRY HIGH/LOW		FUTURES  SETT.PRICE & PT.CHGE.	DELTA			GLOBEX®	PNT VOLUME	OPEN INTEREST
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW 5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 1 0 - 5
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW 5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 1 0 - 3
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW 5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 1 0 - 35 0 - 35
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW 5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 35 0 - 35 0 - 35 0 - 1
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.001		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 35 0 - 35 0 - 35 0 - 2 0 - 2 0 - 3
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.001 0.000 - 0.001 0.000 - 0.002		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 1 0 - 1 0 - 35 0 - 35 0 - 35 0 - 2 0 - 2 0 - 3 0 - 2 0 - 3 0 - 2
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.001 0.000 - 0.001 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.983 + 0.106		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 1 0 - 35 0 - 35 0 - 2 0 - 3 0 - 2 0 - 3 0 - 6 0 - 1 0 - 6 0 - 1
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.233 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 1 0 - 35 0 - 35 0 - 2 0 - 3 0 - 2 0 - 3 0 - 1 0 - 6 0 - 1 0 - 6 0 - 1
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.006 0.833 + 0.101 0.000 - 0.012		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 35 0 - 35 0 - 35 0 - 2 0 - 3 0 - 1 0 - 6 0 - 1 0 - 6 0 - 1 0 - 5
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.006 0.833 + 0.101 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012		CISES 2 3 1 1 8	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 35 0 - 35 0 - 35 0 - 2 0 - 3 0 - 2 0 - 3 0 - 1 0 - 6 0 - 1 0 - 6 0 - 1 0 - 5
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.233 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.833 + 0.101 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.006 0.833 + 0.101 0.000 - 0.012 0.783 + 0.101 0.000 - 0.012 0.783 + 0.099 0.000 - 0.012		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 35 0 - 35 0 - 35 0 - 1 0 - 2 0 - 3 0 - 1 0 - 6 0 - 1 0 - 5 0 - 1 0 - 1
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.003 + 0.106 0.003 + 0.106 0.000 - 0.002 0.000 - 0.003 0.000 - 0.004 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.090 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.019		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 5 0 - 35 0 - 35 0 - 35 0 - 2 0 - 3 0 - 1 0 - 2 0 - 1 0 - 1 0 - 1 0 - 1 0 - 2 0 - 1 0 - 2 0 - 3
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.015 0.833 + 0.101 0.000 - 0.015 0.783 + 0.099 0.000 - 0.015 0.783 + 0.099 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.996 0.000 - 0.012 0.683 + 0.992 0.000 - 0.023		CISES  2 3 1 8 4 6 3	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 35 0 - 35 0 - 35 0 - 35 0 - 1 0 - 6 0 - 1 0 - 6 0 - 1 0 - 3 0
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.004 0.000 - 0.005 0.983 + 0.106 0.000 - 0.010 0.000 - 0.010 0.000 - 0.010 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.090 0.000 - 0.015 0.733 + 0.090 0.000 - 0.019 0.683 + 0.090 0.000 - 0.019 0.683 + 0.090 0.000 - 0.019		CISES  2 3 1 8 4 3 3	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 3 0 - 35 0 - 35 0 - 35 0 - 1 0 - 2 0 - 1 0 - 1 0 - 5 0 - 1 0 - 2 0 - 1 0 - 1 0 - 5 0 - 1 0 - 2 0 - 3 0 - 1 0 - 3 0 -
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.233 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.006 0.833 + 0.106 0.000 - 0.010 0.000 - 0.010		CISES  2 3	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 1 0 - 3 0 - 1
GLOBEX OPEN ION ION ION ION ION ION ION ION ION IO	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.233 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.833 + 0.106 0.833 + 0.106 0.833 + 0.106 0.000 - 0.010 0.000 - 0.010		CISES  2 3 1 1 8 2 4 6 3 9 3	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.012 0.783 + 0.100 0.000 - 0.012 0.783 + 0.090 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.683 + 0.092 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.683 + 0.092 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.004		CISES  2 3 1 8 4 63 3 9	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
GLOBEX OPEN ION	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.015 0.783 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.683 + 0.098 0.000 - 0.014 0.683 + 0.098 0.000 - 0.034 0.000 - 0.035 0.000 - 0.034 0.483 + 0.088 0.000 - 0.034 0.483 + 0.088 0.000 - 0.034 0.483 + 0.088 0.000 - 0.034 0.483 + 0.088 0.000 - 0.034 0.483 + 0.088 0.000 - 0.034 0.483 + 0.088 0.000 - 0.034		CISES  2 3 1 8 4 6 3 9 3 3 3	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 1 0 - 3 0 - 1 0 - 6 0 - 1 0 - 1 0 - 6 0 - 1 0 - 1 0 - 2 0 - 1 0 - 2 0 - 3 0 - 2 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 3 0 - 2 0 - 3 0 - 3 0 - 3 0 - 3 0 - 1
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.233 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.833 + 0.106 0.803 + 0.106 0.803 + 0.106 0.803 - 0.010 0.000 - 0.036 0.000 - 0.036 0.000 - 0.033 0.000 - 0.033 0.000 - 0.033 0.000 - 0.033 0.000 - 0.033 0.000 - 0.033 0.000 - 0.053 0.000 - 0.109 0.000 - 0.109 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129		CISES  2 3 1 2 1 2 3 3 3 2 3 2	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 - 30 - 30 - 30 - 30 - 30 - 30 - 30
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.833 + 0.106 0.833 + 0.101 0.000 - 0.012 0.783 + 0.101 0.000 - 0.012 0.783 + 0.099 0.000 - 0.012 0.783 + 0.099 0.000 - 0.015 0.783 + 0.098 0.000 - 0.015 0.783 + 0.098 0.000 - 0.015 0.783 + 0.098 0.000 - 0.015 0.233 + 0.084 0.000 - 0.015 0.233 + 0.084 0.000 - 0.036 0.000 - 0.036 0.000 - 0.036 0.000 - 0.036 0.000 - 0.036 0.000 - 0.036 0.000 - 0.037 0.000 - 0.038		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 - 30 - 30 - 30 - 30 - 30 - 30 - 30
GLOBEX OPEN  MON  3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.002 0.000 - 0.003 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.004 0.003 + 0.004 0.003 + 0.004 0.003 + 0.004 0.003 + 0.004 0.000 - 0.012 0.783 + 0.092 0.000 - 0.012 0.783 + 0.092 0.000 - 0.013 0.000 - 0.014 0.683 + 0.092 0.000 - 0.044 0.633 + 0.098 0.000 - 0.044 0.633 + 0.098 0.000 - 0.043 0.000 - 0.044 0.633 + 0.092 0.000 - 0.043 0.000 - 0.043 0.000 - 0.044 0.633 + 0.092 0.000 - 0.043 0.000 - 0.044 0.633 - 0.088 0.000 - 0.041 0.103 - 0.041 0.103 - 0.041 0.103 - 0.041 0.000 - 0.129		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 O - 35 O - 10 O - 35 O - 10 O - 36 O - 10 O - 6 O - 10 O -
GLOBEX OPEN  MON  3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.013 0.733 + 0.096 0.000 - 0.014 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.000 - 0.015 0.000 - 0.014 0.000 - 0.015 0.000 - 0.017 0.233 + 0.002 0.000 - 0.019 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.205 0.000 - 0.205 0.000 - 0.218 0.000 - 0.218 0.000 - 0.201		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 - 35 - 35 - 35 - 35 - 35 - 35 - 35 - 3
GLOBEX OPEN ION ION ION ION ION ION ION ION ION IO	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.012 0.783 + 0.101 0.000 - 0.015 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.000 - 0.015 0.733 + 0.098 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.034 0.000 - 0.035 0.000 - 0.034 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.037 0.033 NEW 0.000 - 0.109 0.000 - 0.107 0.033 NEW 0.000 - 0.107 0.033 NEW 0.000 - 0.041 0.000 - 0.107 0.033 NEW 0.000 - 0.107 0.033 NEW 0.000 - 0.107 0.033 NEW 0.000 - 0.107 0.001 - 0.218 0.007 - 0.218 0.007 - 0.218		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 O - 35 O - 35 O - 36 O - 10 O - 37 O - 37 O - 37 O - 10 O - 60 O - 10 O - 10 O - 10 O - 20 O - 10 O - 10 O - 20 O - 10 O - 10 O - 20 O - 10 O
GLOBEX OPEN  OPEN  ON  ON  ON  ON  ON  ON  ON  ON  ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.100 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.006 0.000 - 0.006 0.000 - 0.015 0.783 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.014 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.014 0.000 - 0.015 0.733 + 0.088 0.000 - 0.034 0.483 + 0.088 0.000 - 0.035 0.000 - 0.034 0.483 + 0.088 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.035 0.000 - 0.109 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.003 - 0.177 0.033 NEW 0.000 - 0.152 0.003 - 0.107 0.000 - 0.107		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 100 - 10
GLOBEX OPEN  MON  S	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.006 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.016 0.000 - 0.017 0.033 + 0.088 0.000 - 0.034 0.483 + 0.068 0.000 - 0.053		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 100 - 10
GLOBEX OPEN  MON  3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.004 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.013 0.000 - 0.014 0.000 - 0.015 0.733 + 0.096 0.000 - 0.014 0.000 - 0.015 0.000 - 0.015 0.000 - 0.015 0.000 - 0.014 0.000 - 0.015 0.000 - 0.015 0.000 - 0.016 0.000 - 0.017 0.233 + 0.068 0.000 - 0.053 0.000 - 0.109 0.000 - 0.109 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.109 0.000 - 0.129 0.000 - 0.000		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 10 O - 35 O - 35 O - 35 O - 36 O - 10 O - 6 O - 10 O - 10 O - 10 O - 10 O - 20 O - 10 O - 20 O - 10 O - 20 O - 10 O - 10 O - 10 O - 20 O - 10 O -
GLOBEX OPEN  RON  S	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.833 + 0.101 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.096 0.000 - 0.015 0.733 + 0.092 0.000 - 0.033 0.000 - 0.033 0.000 - 0.109 0.000 - 0.109 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.107 0.000 - 0.109 0.000 - 0.107 0.000 - 0.109 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.107 0.000 - 0.003		CISES  2 3 1 8	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN ION ION ION ION ION ION ION ION ION IO	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.003 + 0.005 0.003 + 0.005 0.000 - 0.015 0.783 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.093 0.000 - 0.014 0.000 - 0.015 0.000 - 0.015 0.000 - 0.015 0.000 - 0.015 0.000 - 0.015 0.000 - 0.015 0.000 - 0.010 0.000 - 0.010 0.000 - 0.010 0.000 - 0.109 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.133 - 0.041 0.000 - 0.152 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003		CISES  2 3 1 2 3 3 2 1 2 1 1 1 1 1 1 1	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	O - 100 - 10
GLOBEX OPEN ON	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.010 0.000 - 0.010 0.000 - 0.010 0.000 - 0.010 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.783 + 0.090 0.000 - 0.015 0.733 + 0.090 0.000 - 0.015 0.733 + 0.090 0.000 - 0.015 0.733 + 0.090 0.000 - 0.015 0.000 - 0.015 0.000 - 0.010 0.000 - 0.010 0.000 - 0.053		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN  MON 3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.004 0.003 + 0.004 0.004 - 0.005 0.006 - 0.006 0.007 0.007 0.008 + 0.008 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.012 0.000 - 0.013 0.000 - 0.014 0.000 - 0.015 0.000 - 0.017 0.000 - 0.019		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN  MON 33	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.012 0.783 + 0.190 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.013 0.000 - 0.014 0.000 - 0.015 0.000 - 0.015 0.000 - 0.016 0.000 - 0.017 0.233 + 0.088 0.000 - 0.053 0.000 - 0.077 0.233 + 0.068 0.000 - 0.053 0.000 - 0.053 0.000 - 0.109 0.000 - 0.159 0.000 - 0.129 0.000 - 0.159 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.129 0.000 - 0.155 0.000 - 0.053 0.267 - 0.218 0.067 - 0.218 0.067 - 0.132 0.517 - 0.129 0.000 - 0.095 0.000 - 0.063 0.167 - 0.132 0.517 - 0.129 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN  MON 3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.001 1.233 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.012 0.783 + 0.100 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.013 0.000 - 0.014 0.000 - 0.015 0.000 - 0.015 0.000 - 0.016 0.000 - 0.017 0.233 + 0.002 0.000 - 0.053 0.000 - 0.053 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.012		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	0 - 1 0 - 35 0 - 35 0 - 35 0 - 1 0 - 36 0 - 1 0 - 36 0 - 1 0 - 6 0 - 1 0 - 1 0 - 6 0 - 1 0 - 1 0 - 2 0 - 3 0 - 8 0 - 1
GLOBEX OPEN  MON 3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.983 + 0.106 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.983 + 0.101 0.000 - 0.005 0.003 + 0.005 0.003 + 0.005 0.000 - 0.015 0.783 + 0.092 0.000 - 0.015 0.783 + 0.092 0.000 - 0.015 0.733 + 0.094 0.000 - 0.015 0.733 + 0.094 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.092 0.000 - 0.015 0.733 + 0.088 0.000 - 0.019 0.000 - 0.019 0.000 - 0.019 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.152 0.003 - 0.053 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.152 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.005 0.000 - 0.006		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN  MON 3	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 1.483 + 0.110 0.000 - 0.002 0.000 - 0.003 0.000 - 0.003 0.000 - 0.003 0.000 - 0.004 0.000 - 0.012 0.003 + 0.004 0.000 - 0.005 0.003 + 0.006 0.000 - 0.005 0.000 - 0.006 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008 0.000 - 0.008		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST
GLOBEX OPEN  MON  33  0	OPEN OUTCRY OPEN RANGE  SILVER WEEKLY	HIGH/LOW  MONDAY OPTION WEEK	OPEN OUTCRY HIGH/LOW  5	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.  0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.002 0.000 - 0.002 0.000 - 0.002 0.000 - 0.003 0.000 - 0.005 0.833 + 0.100 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.090 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.783 + 0.096 0.000 - 0.012 0.000 - 0.013 0.000 - 0.014 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.053 0.000 - 0.107 0.000 - 0.109 0.000 - 0.109 0.000 - 0.109 0.000 - 0.005 0.000 - 0.007 0.017 - 0.218 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001 0.000 - 0.001		CISES	OUTCRY VOLUME	GLOBEX® VOLUME	VOLUME	INTEREST

## **METALS OPTIONS PRODUCTS**

64 Side 25











PG64 BULLETIN # 19@			METALS OPTION PRODUCTS				Mon, Jan 30, 2		, 2023	PG64			
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME		INTE	OPEN REST
SMW I	3		MONDAY OPTION WEEKS			_							
2750 2850						0.000 - 0.001 0.000 - 0.001						0 - 0 -	1 11
2875 2900						0.000 - 0.001 0.000 - 0.001				 75		0 - 0 - 0 -	1 2 449
TOTA FEB2										73	Ü	Ü	443
2050 2100						0.001 - 0.002 0.003 - 0.004	.0046					2 1	UNCH
2100 2125 2150						2.746 + 0.105 2.501 + 0.102 2.240 + 0.104	.9693					1 1 2	UNCH UNCH UNCH
2200 2200			1.822B/ 1.935B/	1.822B/ 1.935B/		1.753 + 0.096 1.789 + 0.087	.9637					2	UNCH
2200 2200			/0.024A /0.131A	/0.024A /0.131A		0.021 - 0.016 0.134 NEW	.1310			2 1		3 + 1 +	2 1
2220 2250			/0.032A 1.429B/1.199A /0.051A	/0.032A 1.429B/1.199A /0.051A		0.030 NEV 1.283 + 0.078 0.051 - 0.033	.9111			1 		1 + 1 25	1 UNCH UNCH
2250 2255 2260			/0.122A /0.060A	/0.131A /0.122A /0.060A		0.126 - 0.044 0.061 - 0.038	.1648					5 1	UNCH
2265 2270			/0.138A /0.071A	/0.138A /0.071A		0.144 - 0.049 0.073 - 0.044	.1251					5 5	UNCH UNCH
2275 2275			/0.077A 1.280B/1.072A 1.206B/0.985A	/0.077A 1.280B/1.072A 1.206B/0.985A		0.080 - 0.046 1.147 + 0.059 1.062 + 0.069	.7929					15 2 3	UNCH UNCH UNCH
2275 2275 2300			/0.156A /0.116A	/0.156A /0.116A		0.165 - 0.053 0.124 - 0.062	.2069					3 14	UNCH
2300 2300	0.390	0.390	0.993B/0.785A 0.390/0.327A	0.993B/0.785A 0.390/0.327A		0.856 + 0.049 0.344 NEV	.7974 .2851			<u>1</u>		2 1 +	UNCH 1
2310 2315			/0.237A /0.251A /0.159A	/0.237A /0.251A		0.258 - 0.068 0.274 - 0.070 0.173 - 0.076	.3102			2 		10 + 5 1	UNCH
2320 2325 2325			0.904B/0.728A /0.283A	/0.159A 0.904B/0.728A /0.283A		0.173 - 0.076 0.790 + 0.036 0.308 - 0.074	.6607					1 1	UNCH UNCH UNCH
2325 2340	0.200	0.200	0.200/0.172A /0.335A	0.200/0.172A /0.335A		0.187 NEV 0.365 - 0.081	.2877			1		1 + 1	1 UNCH
2340 2345			/0.217A 0.705B/0.614A	/0.217A 0.705B/0.614A		0.237 - 0.089 0.668 + 0.027	.6001					1 3 2	UNCH
2350 2350 2350			/0.249A 0.744B/0.587A /0.373A	/0.249A 0.744B/0.587A /0.373A		0.275 - 0.096 0.639 + 0.025 0.407 - 0.086	.5843					3 4 1	UNCH UNCH UNCH
2360 2360			0.686B/0.537A 0.561B/0.408A	0.686B/0.537A 0.561B/0.408A		0.584 + 0.020 0.451 + 0.010	.5528					8	UNCH UNCH
2360 2375 2375	0.636	0.636	/0.288A 0.688B/0.603A /0.483A	/0.288A 0.688B/0.603A /0.483A		0.318 - 0.101 0.642 NEV 0.523 - 0.099	.4438			2		6 0 1	UNCH UNCH UNCH
2375 2380 2380	0.372	0.372	0.450B/0.316A /0.508A	0.450B/0.316A /0.508A		0.349 - 0.001 0.549 - 0.101	. 4776			16		16 1	UNCH
2390 2400			/0.429A 0.364B/0.239A	/0.429A 0.364B/0.239A		0.472 - 0.116 0.266 - 0.008	.3909					2 7	UNCH UNCH
2400 2400 2405			0.493B/0.364A /0.482A 0.342B/0.223A	0.493B/0.364A /0.482A 0.342B/0.223A		0.394 + 0.003 0.533 - 0.119 0.248 - 0.009	.6090					1 6	UNCH UNCH UNCH
2410 2415			/0.538A 0.429B/0.313A	/0.538A 0.429B/0.313A		0.597 - 0.122 0.337 - 0.004	.6499					3	UNCH
2415 2420			0.301B/0.192A /0.599A	0.301B/0.192A /0.599A		0.214 - 0.012 0.666 - 0.123	.6891					7 14	UNCH UNCH
2420 2425 2430			/0.729A /0.857A 0.247B/0.154A	/0.729A /0.857A 0.247B/0.154A		0.786 - 0.115 0.912 - 0.100 0.172 - 0.014	.5528					1 1 6	UNCH UNCH UNCH
2435 2435 2435			/0.698A 0.230B/0.142A	/0.698A 0.230B/0.142A		0.776 - 0.125 0.159 - 0.015	.7423					1 100	UNCH
2440 2440			0.215B/0.132A 0.619B/0.507A	0.215B/0.132A 0.619B/0.507A		0.147 - 0.015 0.541 + 0.011	. 4157					9	UNCH
2450 2450 2470			0.304B/0.215A 0.186B/0.114A 0.247B/0.172A	0.304B/0.215A 0.186B/0.114A 0.247B/0.172A		0.232 - 0.008 0.126 - 0.016 0.187 - 0.009	.2105			2 		3 + 2 1	UNCH UNCH
2470 2475		0.121	0.138B/0.085A 0.126B/0.079A	0.138B/0.085A 0.126B/0.079A		0.093 - 0.015 0.086 NEW	.1594			12		7 2 +	UNCH 2
2480 2500		0.100	0.117B/0.073A 0.100/0.055A /1.211A	0.117B/0.073A 0.100/0.055A /1.211A		0.079 - 0.015 0.058 - 0.014 1.324 - 0.124	.1019			4		1 2 + 2	UNCH 1 UNCH
2500 2500 2510			0.178B/0.124A 0.075B/0.048A	0.178B/0.124A 0.075B/0.048A		0.134 - 0.009 0.050 - 0.013	.1780					9 7	UNCH
2515 2520			0.150B/0.105A 0.064B/0.041A	0.150B/0.105A 0.064B/0.041A		0.113 - 0.009 0.043 - 0.012	.0757					8 6	UNCH
2550 2550 2550			/1.663A 0.040B/0.028A 0.100B/0.072A	/1.663A 0.040B/0.028A 0.100B/0.072A		1.794 - 0.120 0.028 - 0.010 0.076 - 0.008	.0486					1 11 4	UNCH UNCH UNCH
2575 2575			/1.899A /*0.021A	/1.899A /*0.021A		2.035 - 0.119 0.020 - 0.008	.9659			3		2 8 +	UNCH 3
2600 2600		0.060	/*0.017A 0.061/0.044A	/*0.017A 0.061/0.044A /0.029A		0.014 - 0.007 0.044 - 0.007	.0635			20		11 21 +	UNCH 19
2650 2650 2650			/0.029A 0.135B/0.112A 	0.135B/0.112A		0.027 - 0.005 0.116 NEV 0.008 - 0.004	.1167			1		7 1 + 8	UNCH 1 UNCH
2675 2700	0.080	0.080	0.093B/0.079A	0.093B/0.079A		0.006 - 0.003 0.082 - 0.003	.0846			5		1 5	UNCH UNCH
2700 2700 2750						0.017 - 0.004 0.004 - 0.003 0.003 - 0.002	.0059					200 8	UNCH UNCH UNCH
2800 TOTA						0.002 - 0.003				73		10 686 +	UNCH 36
SO CA	ALL	COMEX SILVER O	PTIONS										
1250 1350						11.233 + 0.111 10.233 + 0.111	.0000					1 1	UNCH UNCH
1375 1475						9.983 + 0.111 8.983 + 0.111	.9999					2 4	UNCH UNCH
1500 1525 1550						8.733 + 0.111 8.483 + 0.111 8.233 + 0.111	9985					4 2 2	UNCH UNCH UNCH
1575 1600						7.983 + 0.111 7.733 + 0.111	. 9984					4	UNCH UNCH
1625 1650						7.483 + 0.111 7.233 + 0.111	. 9974					2 4	UNCH UNCH
1675 1700 1725						6.983 + 0.111 6.733 + 0.111 6.483 + 0.111	9965					14 21 5	UNCH UNCH UNCH
1750 1775						6.233 + 0.111 5.983 + 0.111	. 9954					3 4	UNCH UNCH
1800 1825						5.733 + 0.111 5.484 + 0.111 5.234 + 0.111	9939					25 1 19	UNCH
1850 1875 1900						5.234 + 0.111 4.985 + 0.111 4.736 + 0.111	. 9925					19 178 147	UNCH UNCH UNCH
1925 1950						4.487 + 0.110 4.238 + 0.109	.9889					45 293	UNCH UNCH
1975 2000 2025						3.990 + 0.108 3.744 + 0.107 3.499 + 0.107	.9802					115 500 - 4	UNCH 16 UNCH
2025 2040 2050						3.353 + 0.106 3.255 + 0.105	.9701 .9676					4 210	UNCH UNCH
2075 2100	2.830	2.830	2.984B/ 2.923B/2.685A	2.984B/ 2.923B/2.685A		3.014 + 0.104 2.774 + 0.100	.9586			10		170 1425 -	UNCH 5
2115 2125 2130	2.650	2.650	2.687B/2.451A	2.687B/2.451A		2.633 + 0.098 2.540 + 0.097 2.493 + 0.095	.9309			4		2 24 1	UNCH UNCH UNCH
2140 2150	2.360	2.360	 2.455B/2.223A	2.455B/2.223A		2.401 + 0.093 2.310 + 0.092	.9191 .9110			2		1 50	UNCH UNCH
2155 2160			'	'		2.265 + 0.091 2.220 + 0.090	.9015			1 		5 2 1	UNCH
2165 2170 2175		2.148	2.108B/ 2.229B/2.001A	2.108B/ 2.229B/2.001A		2.131 + 0.088 2.086 + 0.088	.8918			 4		1 354	UNCH UNCH UNCH
2180			2.094B/	2.094B/		2.042 + 0.085 AND IS FURNISHED WI	.8808					7	UNCH

## **METALS OPTIONS PRODUCTS**

Side 26

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



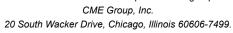




					PRELIMINA	RY						
PG64	BULLET	ΓΙΝ # 19@			METALS OPTION F	PRODUCTS			0.0511	Mon,	Jan 30,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO CA		COMEX SILVER	,	HIGH/ LOW	CLOSE KANGE	a Friende.	DELIA	CISES	VOLUME	1020112	VOLUME	
MAR23 2185		COMEX SILVER	2.0988/	2.098B/		1.999 + 0.084	.8752					7 UNCH
2195 2200			2.011B/ 2.011B/1.787A	2.011B/ 2.011B/1.787A		1.912 + 0.081 1.869 + 0.079	.8634					1 UNCH 771 UNCH
2205 2210			1.924B/ 1.881B/	1.924B/ 1.881B/		1.827 + 0.078 1.785 + 0.077	.8440					5 UNCH 1 UNCH
2215 2225			1.839B/ 1.799B/1.582A	1.839B/ 1.799B/1.582A		1.743 + 0.075 1.660 + 0.071	.8221					2 UNCH 25 UNCH
2230 2235 2250			1.714B/ 1.672B/ 1.597B/1.388A	1.714B/ 1.672B/ 1.597B/1.388A		1.620 + 0.070 1.580 + 0.068 1.462 + 0.063	.8065					2 UNCH 3 UNCH 515 UNCH
2260 2265			1.506B/1.322A 1.468B/1.287A	1.506B/1.322A 1.468B/1.287A		1.386 + 0.059 1.348 + 0.056	.7637					11 UNCH 2 UNCH
2270 2275			1.431B/1.251A 1.404B/1.206A	1.431B/1.251A 1.404B/1.206A		1.312 + 0.055 1.275 + 0.053	.7447 .7349					1 UNCH 682 UNCH
2280 2285			1.356B/1.182A 1.321B/1.148A	1.356B/1.182A 1.321B/1.148A		1.240 + 0.051 1.205 + 0.049	.7148					4 UNCH 3 UNCH
2290 2295 2300	 1.209	 1.209	1.285B/1.103A 1.250B/1.071A 1.225B/1.040A	1.285B/1.103A 1.250B/1.071A 1.225B/1.040A		1.170 + 0.047 1.137 + 0.046 1.104 + 0.044	.6937			 12		2 UNCH 2 UNCH 434 + 3
2305 2310	1.092	1.092	1.182B/1.010A 1.166B/0.977A	1.182B/1.010A 1.166B/0.977A		1.071 + 0.042 1.039 + 0.040	.6721			2		2 - 2 14 UNCH
2315 2320	1.028 0.975	1.028 0.975	1.132B/0.949A 1.099B/0.920A	1.132B/0.949A 1.099B/0.920A		1.008 + 0.038 0.977 + 0.036	.6500			1 3		26 - 1 6 - 3
2325 2330			1.067B/0.889A 1.036B/0.861A	1.067B/0.889A 1.036B/0.861A		0.947 + 0.034 0.918 + 0.033	.6157					138 UNCH 17 UNCH
2335 2340 2345			1.005B/0.835A 0.974B/0.808A 0.945B/0.782A	1.005B/0.835A 0.974B/0.808A 0.945B/0.782A		0.889 + 0.031 0.861 + 0.029 0.834 + 0.028	.5925			 1		5 UNCH 20 UNCH 2 UNCH
2350 2355	0.752 0.850	0.752 0.850	0.916B/0.752 0.888B/0.731A	0.916B/0.752 0.888B/0.731A		0.807 + 0.026 0.781 + 0.025	.5690			1 10		184 + 1 16 - 7
2360 2365	0.805	0.805	0.862B/0.708A 0.835B/0.683A	0.862B/0.708A 0.835B/0.683A		0.755 + 0.023 0.730 + 0.022	.5455 .5337			10 		11 - 1 26 UNCH
2370 2375	0.770 0.720	0.770 0.720	0.808B/0.660A 0.782B/0.637A	0.808B/0.660A 0.782B/0.637A		0.706 + 0.021 0.682 + 0.019	.5102			1 14		150 UNCH 58 + 1
2380 2385			0.758B/0.615A 0.733B/0.595A 0.709B/0.573A	0.758B/0.615A 0.733B/0.595A 0.709B/0.573A		0.659 + 0.018 0.636 + 0.016 0.614 + 0.015	.4868			36 		44 + 31 22 UNCH 61 UNCH
2390 2395 2400	0.595	0.595	0.685B/0.553A 0.662B/0.533A	0.685B/0.553A 0.662B/0.533A		0.593 + 0.014 0.572 + 0.013	.4637			 24		25 UNCH 1441 + 2
2405 2410	0.582	0.582	0.639B/0.514A 0.620B/0.497A	0.639B/0.514A 0.620B/0.497A		0.552 + 0.012 0.532 + 0.011	.4408 .4295			 59		29 UNCH 103 + 59
2415 2420	0.603	0.603	0.603/0.478A 0.579B/0.461A	0.603/0.478A 0.579B/0.461A		0.513 + 0.010 0.494 + 0.009	.4073			1		16 + 1 110 UNCH
2425 2430	0.520  0.445	0.520  0.445	0.559B/0.444A 0.539B/0.429A 0.520B/0.411A	0.559B/0.444A 0.539B/0.429A 0.520B/0.411A		0.476 + 0.008 0.459 + 0.007 0.442 + 0.006	.3856			16 2 1		395 + 4 159 UNCH 2 UNCH
2435 2440 2445			0.502B/0.396A 0.484B/0.381A	0.502B/0.396A 0.484B/0.381A		0.425 + 0.005 0.410 + 0.005	.3643					161 UNCH 9 UNCH
2450 2455	0.403	0.403	0.467B/0.368A 0.450B/0.354A	0.467B/0.368A 0.450B/0.354A		0.394 + 0.004 0.379 + 0.003	.3439			121		662 + 84 27 UNCH
2460 2465	0.405	0.405	0.433B/0.340A 0.418B/0.326A	0.433B/0.340A 0.418B/0.326A		0.365 + 0.003 0.351 + 0.002	.3144					12 UNCH 27 UNCH
2470 2475			0.402B/0.313A 0.386B/0.302A	0.402B/0.313A 0.386B/0.302A		0.337 + 0.001 0.324 + 0.001	.2954			17 		60 UNCH 232 + 11
2480 2485 2490	0.345	0.345	0.373B/0.290A 0.359B/0.278A 0.345/0.268A	0.373B/0.290A 0.359B/0.278A 0.345/0.268A		0.312 + 0.001 0.300 UNCH 0.288 UNCH	.2776					13 UNCH 31 UNCH 18 + 2
2495 2500	0.295	0.295	0.331B/0.258A 0.318B/0.248A	0.331B/0.258A 0.318B/0.248A		0.277 - 0.001 0.266 - 0.001	.2603			244		42 UNCH 2440 - 72
2505 2510			0.306B/0.237A 0.294B/0.228A	0.306B/0.237A 0.294B/0.228A		0.256 - 0.001 0.245 - 0.002	.2357			1		75 UNCH 20 + 1
2515 2520	0.263 0.256	0.263 0.256	0.286/0.219A 0.271B/0.211A 0.261B/0.203	0.286/0.219A 0.271B/0.211A		0.236 - 0.002 0.226 - 0.002	.2204			20 20		22 + 5 20 - 3 168 - 2
2525 2530 2535	0.254	0.254	0.251B/0.203 0.251B/0.194A 0.241B/0.187A	0.261B/0.203 0.251B/0.194A 0.241B/0.187A		0.217 - 0.003 0.209 - 0.002 0.201 - 0.002	.2062			6 		168 - 2 47 UNCH 81 UNCH
2540 2545			0.232B/0.179A 0.222B/0.172A	0.232B/0.179A 0.222B/0.172A		0.193 - 0.002 0.185 - 0.003	.1926					10 UNCH 6 UNCH
2550 2555	0.206	0.206	0.214B/0.166A 0.205B/0.159A	0.214B/0.166A 0.205B/0.159A		0.178 - 0.002 0.171 - 0.002	.1736			10 		1008 + 2 41 UNCH
2560 2565		 	0.197B/0.153A 0.189B/0.148A	0.197B/0.153A 0.189B/0.148A		0.164 - 0.002 0.157 - 0.003	.1614					24 UNCH 36 UNCH
2570 2575 2580	0.158	0.158	0.181B/0.142A 0.175B/0.136A 0.168B/0.131A	0.181B/0.142A 0.175B/0.136A 0.168B/0.131A		0.151 - 0.003 0.145 - 0.003 0.140 - 0.002	.1505			1 2 		18 UNCH 212 UNCH 36 UNCH
2585 2590			0.160B/0.126A 0.154B/0.121A	0.160B/0.126A 0.154B/0.121A		0.134 - 0.002 0.129 - 0.002	.1402			1 1		33 UNCH 31 UNCH
2595 2600	0.139 0.135	0.139 0.135	0.148B/0.116A 0.142B/0.110	0.148B/0.116A 0.142B/0.110		0.124 - 0.002 0.119 - 0.002	.1261			4 67		13 + 4 933 + 11
2605 2610	0.126	0.126	0.136B/0.108A 0.131B/0.104A	0.136B/0.108A 0.131B/0.104A		0.114 - 0.002 0.110 - 0.002 0.105 - 0.003	.1174			1 5		18 UNCH 33 + 2 28 + 2
2615 2620 2625	0.135 0.125	0.135 0.125	0.146/0.100A 0.127/0.096A 0.116B/0.092A	0.146/0.100A 0.127/0.096A 0.116B/0.092A		0.105 - 0.003 0.101 - 0.002 0.097 - 0.002	.1088			4		28 + 2 38 UNCH 79 UNCH
2630 2635			0.111B/0.089A 0.107B/0.086A	0.111B/0.089A 0.107B/0.086A		0.094 - 0.002 0.090 - 0.002	.1017					37 UNCH 27 UNCH
2650 2675	0.089	0.089	0.095B/0.077A 0.078B/0.063A	0.095B/0.077A 0.078B/0.063A		0.080 - 0.002 0.066 - 0.002	.0733			4 5		383 + 2 139 + 5
2700 2725	0.073 0.047	0.073 0.047	0.073/0.051 0.054B/0.045A 0.045B/0.038A	0.073/0.051 0.054B/0.045A 0.045B/0.038A		0.055 - 0.002 0.046 - 0.002 0.038 - 0.003	.0518			32 15		699 - 24 100 - 5 785 - 1
2750 2775 2800	0.034 0.028	0.034 0.028	0.038B/*0.038A 0.032B/*0.025	0.038B/*0.038A 0.032B/*0.025		0.038 - 0.003 0.033 - 0.002 0.028 - 0.002	.0373			9 17		60 - 5 779 - 2
2825 2850			/*0.025A /0.023A	/*0.025A /0.023A		0.024 - 0.003 0.021 - 0.003	.0271 .0236			2		137 UNCH 377 - 1
2875 2900			/*0.017A	/*0.017A		0.019 - 0.002 0.017 - 0.002	.0187					30 UNCH 115 UNCH
2925 2950 2975			/*0.016A /*0.014A /*0.013A	/*0.016A /*0.014A /*0.013A		0.015 - 0.002 0.014 - 0.001 0.012 - 0.002	.0150			1 		109 - 5 239 - 9 13 UNCH
3000 3025	0.012	0.012	0.012/0.011A /*0.010A	0.012/0.011A /*0.010A		0.011 - 0.001 0.010 - 0.001	.0117			1 2		1914 + 1 5 - 3
3050 3075						0.009 UNCH 0.008 UNCH	.0094					61 UNCH 3 UNCH
3100 3125	0.008 0.006	0.008 0.006	0.008/*0.006A 0.006/*0.006	0.008/*0.006A 0.006/*0.006		0.007 UNCH 0.006 UNCH	.0062			8 2		85 UNCH 21 UNCH
3150 3175 3200						0.005 UNCH 0.005 + 0.001 0.004 UNCH	.0051					17 - 3 3 UNCH 37 - 3
3225 3250						0.004 + 0.001 0.004 + 0.001	.0040					1 UNCH 227 UNCH
3275 3300						$ \begin{array}{r} 0.003 + 0.001 \\ 0.003 + 0.001 \end{array} $	.0030					2 UNCH 47 UNCH
3325 3350						0.003 + 0.001 0.002 UNCH	.0020					2 UNCH 991 - 10
3375 3400 3425						0.002 + 0.001 0.002 + 0.001 0.002 + 0.001	.0019					3 UNCH 225 UNCH 1 UNCH
3425 3450 3475						0.002 + 0.001 0.002 + 0.001 0.002 + 0.001	.0018					269 UNCH 12 UNCH
3500 3525						0.001 UNCH 0.001 UNCH	.0009					54 UNCH 100 UNCH
3550 3575						0.001 UNCH 0.001 UNCH	.0006					8 UNCH 4 UNCH
3600 3625						0.001 UNCH 0.001 UNCH	.0003					141 UNCH 8 UNCH
3650 3675						0.001 UNCH 0.001 UNCH 0.001 UNCH	.0002					10 UNCH 10 UNCH 30 - 1
3700 3725 4000	0.002	0.002	0.002/0.002	0.002/0.002		0.001 UNCH 0.001 UNCH 0.001 UNCH	.0001			 50		2 UNCH 506 UNCH
4500 5000	0.002	0.002	0.002/0.002	0.002/0.002		0.001 UNCH 0.001 UNCH				17		74 UNCH 798 UNCH
6000 7500						0.001 UNCH 0.001 UNCH						134 UNCH 206 UNCH
10000 TOTAL						0.001 UNCH				912	0	201 - 4 26221 + 46

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



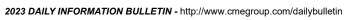




PRELIMINARY											
PG6	4 BULLE	TIN # 19@		M	METALS OPTION P	RODUCTS		ODEN	Mon,	Jan 30,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
50.6		COMEX SILVER		HIGH/ LOW	CEOSE KANGE	& FI.CIGE. DELIA	CISES	VOLUME	7020.12	VOLUME	
SO C APR2	3	COMEX SILVER				11.186 + 0.114 .9990	)				4 UNCH
1275 1350 1525						10.436 + 0.114 .9983 8.686 + 0.114 .9962	3				1 UNCH 2 UNCH
1550 1575						8.436 + 0.114 .9955 8.186 + 0.114 .9948	·				4 UNCH 6 UNCH
1625 1650						7.686 + 0.114 .9934 7.436 + 0.114 .9926					4 UNCH 2 UNCH
1675 1725						7.186 + 0.114 .9917 6.687 + 0.113 .9888	·				2 UNCH 2 UNCH
1750 1775						6.438 + 0.113 .9873 6.190 + 0.113 .9851					2 UNCH 1 UNCH
1800 1825						5.943 + 0.113 .9828 5.696 + 0.112 .9799					1 UNCH 2 UNCH
1850 1950			4.411B/	4.411B/		5.450 + 0.111 .9769 4.478 + 0.107 .9566	·				6 UNCH 1 UNCH
2000			4.147B/ 3.914B/ 3.683B/	4.147B/ 3.914B/ 3.683B/		4.003 + 0.103 .9394 3.770 + 0.100 .9287 3.540 + 0.097 .9159	·				66 UNCH 59 UNCH 4 UNCH
2050 2075 2100			3.456B/ 3.234B/	3.456B/ 3.234B/		3.540 + 0.097 .9159 3.314 + 0.094 .9014 3.093 + 0.090 .8844					7 UNCH 105 UNCH
2125 2150			3.017B/ 2.806B/	3.017B/ 2.806B/		2.877 + 0.086 .8652 2.667 + 0.081 .8434					4 UNCH 4 UNCH
2175 2200			2.600B/ 2.401B/2.198A	2.600B/ 2.401B/2.198A		2.465 + 0.076 .8189 2.270 + 0.071 .7918	3				5 UNCH 29 UNCH
2225 2250			2.210B/2.013A 2.028B/1.838A	2.210B/2.013A 2.028B/1.838A		2.083 + 0.065 .7623 1.905 + 0.060 .7305					1 UNCH 64 UNCH
2265 2275			1.861B/ 1.854B/1.671A	1.861B/ 1.854B/1.671A 1.761B/1.639A		1.802 + 0.055 .7105 1.736 + 0.053 .6969					1 UNCH 11 UNCH
2280 2285			1.761B/1.639A 1.728B/1.608A 1.733B/1.577A	1.761B/1.639A 1.728B/1.608A 1.733B/1.577A		1.704 + 0.053 .6900 1.672 + 0.052 .6829 1.640 + 0.050 .6758					2 UNCH 11 UNCH 3 UNCH
2290 2295 2300			1.735B/1.577A 1.725B/1.547A 1.693B/1.518A	1.725B/1.547A 1.693B/1.518A		1.640 + 0.050 .6758 1.609 + 0.049 .6688 1.578 + 0.048 .6616	3				3 UNCH 12 UNCH
2305 2310			1.663B/1.490A 1.632B/1.458A	1.663B/1.490A 1.632B/1.458A		1.547 + 0.046 .6544 1.517 + 0.045 .6470					3 UNCH 2 UNCH
2320 2325			1.570B/1.404A 1.538B/1.375A	1.570B/1.404A 1.538B/1.375A		1.458 + 0.043 .6323 1.430 + 0.043 .6249	3 )				5 UNCH 6 UNCH
2330 2335			1.510B/1.347A 1.480B/1.320A	1.510B/1.347A 1.480B/1.320A		1.401 + 0.041 .6175 1.373 + 0.040 .6101					1 UNCH 1 UNCH
2340 2345			1.451B/1.294A 1.422B/1.267A	1.451B/1.294A 1.422B/1.267A		1.346 + 0.039 .6026 1.319 + 0.038 .5951					1 UNCH 4 UNCH
2350 2355			1.395B/1.241A 1.368B/1.216A 1.341B/1.191A	1.395B/1.241A 1.368B/1.216A 1.341B/1.191A		1.292 + 0.037 .5876 1.266 + 0.036 .5803 1.240 + 0.035 .5726					145 UNCH 2 UNCH 5 UNCH
2360 2370 2375			1.287B/1.142A 1.261B/1.118A	1.287B/1.142A 1.261B/1.118A		1.240 + 0.035 .5726 1.190 + 0.033 .5575 1.165 + 0.032 .5499	·				5 UNCH 131 UNCH 37 UNCH
2380 2390			1.236B/1.095A 1.187B/1.049A	1.236B/1.095A 1.187B/1.049A		1.141 + 0.031 .5424 1.094 + 0.029 .5274					10 UNCH 5 UNCH
2395 2400		1.009	1.162B/1.027A 1.139B/0.998	1.162B/1.027A 1.139B/0.998		1.071 + 0.028 .5199 1.049 + 0.028 .5129			32		8 UNCH 278 - 2
2405 2415			1.115B/0.984A 1.070B/0.941A	1.115B/0.984A 1.070B/0.941A		1.026 + 0.026 .5050 0.983 + 0.024 .4902					8 UNCH 48 UNCH
2420 2425			1.047B/0.922A 1.026B/0.901A	1.047B/0.922A 1.026B/0.901A		0.962 + 0.024 .4829 0.941 + 0.022 .4756	5		1		134 UNCH 80 UNCH
2430 2435			1.004B/0.882A 0.983B/0.862A	1.004B/0.882A 0.983B/0.862A 0.962B/0.843A		0.921 + 0.022 .4683 0.901 + 0.021 .4611					1 UNCH 19 UNCH
2440 2445 2450			0.962B/0.843A 0.942B/0.822A 0.922B/0.804A	0.942B/0.822A 0.922B/0.804A		0.882 + 0.020 .4540 0.862 + 0.019 .4468 0.844 + 0.019 .4397	3				10 UNCH 2 UNCH 191 UNCH
2455 2460			0.902B/0.786A 0.883B/0.769A	0.902B/0.786A 0.883B/0.769A		0.825 + 0.018 .4327 0.807 + 0.017 .4257	·				7 UNCH 1 UNCH
2465 2475		0.814	0.864B/0.752A 0.827B/0.719A	0.864B/0.752A 0.827B/0.719A		0.789 + 0.016 .4188 0.755 + 0.015 .4051	3		1		46 UNCH 274 + 1
2480 2490			0.809B/0.703A 0.774B/0.673A	0.809B/0.703A 0.774B/0.673A		0.738 + 0.014 .3984 0.705 + 0.012 .3850	)				4 UNCH 10 UNCH
2495 2500		0.750	0.757B/0.658A 0.741B/0.643A	0.757B/0.658A 0.741B/0.643A		0.689 + 0.011 .3784 0.674 + 0.011 .3720	)		2 7		11 + 1 209 + 7
2505 2520			0.725B/0.628A 0.677B/0.587A 0.662B/0.573A	0.725B/0.628A 0.677B/0.587A 0.662B/0.573A		0.659 + 0.010 .3656 0.615 + 0.008 .3467 0.601 + 0.007 .3409	'				1 UNCH 4 UNCH 118 UNCH
2525 2535 2540			0.633B/0.547A 0.619B/0.536A	0.633B/0.547A 0.619B/0.536A		0.601 + 0.007 .3405 0.575 + 0.007 .3286 0.562 + 0.006 .3227	5				5 UNCH 3 UNCH
2545 2550			0.605B/0.524A 0.592B/0.511A	0.605B/0.524A 0.592B/0.511A		0.549 + 0.006 .3169 0.536 + 0.005 .3110	)				1 UNCH 154 UNCH
2575 2580			0.530B/0.456A 0.518B/0.446A	0.530B/0.456A 0.518B/0.446A		0.478 + 0.002 .2834 0.468 + 0.003 .2784			5 		27 + 5 1 UNCH
2585 2590			0.507B/0.436A 0.496B/0.426A	0.507B/0.436A 0.496B/0.426A		0.457 + 0.002 .2731 0.447 + 0.002 .2680	)				5 UNCH 2 UNCH
2595 2600			0.485B/0.417A 0.475B/0.407A	0.485B/0.417A 0.475B/0.407A		0.437 + 0.002 .2630 0.427 + 0.001 .2580	)		2		3 UNCH 972 UNCH
2605 2620			0.463B/0.398A 0.433B/0.372A 0.424B/0.365A	0.463B/0.398A 0.433B/0.372A 0.424B/0.365A		0.417 + 0.001 .2531 0.390 UNCH .2391 0.381 UNCH .2345					1 UNCH 34 UNCH 152 UNCH
2625 2630 2635			0.414B/0.356A 0.405B/0.348A	0.414B/0.356A 0.405B/0.348A		0.373 UNCH .2301 0.364 - 0.001 .2255					8 UNCH 7 UNCH
2640 2645	0.385	0.385	0.396B/0.341A 0.387B/0.334A	0.396B/0.341A 0.387B/0.334A		0.356 - 0.001 .2213 0.348 - 0.001 .2170	3		7		47 UNCH 1 UNCH
2650 2655			0.379B/0.327A 0.371B/0.320A	0.379B/0.327A 0.371B/0.320A		0.341 - 0.001 .2131 0.333 - 0.001 .2088	l 3				60 UNCH 3 UNCH
2675 2700			0.339B/0.292A 0.305B/0.262A	0.339B/0.292A 0.305B/0.262A		0.305 - 0.002 .1933 0.274 - 0.001 .1757	·		1 2		72 + 1 636 UNCH
2725 2750	0.234	0.234	0.273B/0.236A 0.246B/0.212A 0.221B/0.192A	0.273B/0.236A 0.246B/0.212A 0.221B/0.192A		0.246 - 0.002 .1595 0.221 - 0.002 .1448 0.199 - 0.002 .1315	3		1 2		17 UNCH 205 UNCH
2775 2800 2825	0.186	0.186	0.199B/0.174A 0.180B/0.158A	0.199B/0.174A 0.180B/0.158A		0.199 - 0.002 .1319 0.180 - 0.002 .1197 0.163 - 0.001 .1090	'		12		48 + 2 544 + 1 28 + 2
2850 2875	0.145	0.145	0.161B/0.144A 0.146B/0.130A	0.161B/0.144A 0.146B/0.130A		0.147 - 0.002 .0990 0.133 - 0.002 .0901	)		 8		54 + 6 42 UNCH
2900 2925			0.132B/0.119A 0.120B/0.109A	0.132B/0.119A 0.120B/0.109A		0.121 - 0.002 .0822 0.110 - 0.002 .0750	? )				86 UNCH 75 UNCH
2950 2975	0.094	0.094	0.110B/0.100A 0.099B/0.090A	0.110B/0.100A 0.099B/0.090A		0.100 - 0.002 .0685 0.091 - 0.002 .0625			2		17 UNCH 9 UNCH
3000 3025		0.085 	0.090B/0.084A 0.082B/0.077A 0.075B/	0.090B/0.084A 0.082B/0.077A 0.075B/		0.084 - 0.001 .0576 0.076 - 0.002 .0524 0.070 - 0.001 .0482			11 		4468 + 11 35 UNCH
3050 3075 3100			0.068B/ 0.062B/	0.068B/ 0.062B/		0.070 - 0.001 .0482 0.064 - 0.001 .0442 0.059 - 0.001 .0407			1		15 UNCH 4 UNCH 34 UNCH
3125 3150			0.057B/ 0.052B/	0.057B/ 0.052B/		0.055 UNCH .0378 0.050 - 0.001 .0349	3				3 UNCH 9 UNCH
3175 3200		0.045	0.048B/ 0.045/0.045	0.048B/ 0.045/0.045		0.047 UNCH .0323 0.043 - 0.001 .0296	3 5		1		4 UNCH 34 + 1
3225 3250			0.041B/	0.041B/		0.040 UNCH .0275 0.037 UNCH .0254					16 UNCH 11 UNCH
3275 3300						0.035 UNCH .0239 0.032 UNCH .0219	)				6 UNCH 17 UNCH
3325 3350						0.030 UNCH .0205 0.028 UNCH .0193 0.027 + 0.001 .0182					5 UNCH 17 UNCH 5 UNCH
3375 3400 3425	0.025	0.025	0.025/0.025	0.025/0.025		0.027 + 0.001 .0182 0.025 + 0.001 .0169 0.023 UNCH .0159			2		18 - 1 5 UNCH
3423 3450 3500						0.022 + 0.001 .0148 0.020 + 0.001 .0133	3 3				19 UNCH 4133 - 2
4000 5000						0.009 + 0.001 .0054 0.005 + 0.001 .0024					685 UNCH 107 UNCH
TOTA	ıL.								106	0	15222 + 33
MAY2 1275						11.186 + 0.114 .997					4 UNCH
1300 1325						10.936 + 0.114 .9970 10.686 + 0.114 .9969 10.436 + 0.114 .9964	)				1 UNCH 1 UNCH 1 UNCH
1350 1375 1500						10.186 + 0.114 .9963 8.936 + 0.114 .9932	3				2 UNCH 2 UNCH
1525 1550						8.686 + 0.114 .9921 8.436 + 0.114 .9909	L )				10 UNCH 4 UNCH
1575 1600						8.186 + 0.114 .9897 7.936 + 0.114 .9885	, 5				4 UNCH 6 UNCH
1675						7.189 + 0.113 .9835	·				2 UNCH

## **METALS OPTIONS PRODUCTS**

64 Side 28







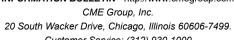


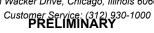
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000 PRELIMINARY

					PRELIMINAL	<b>XI</b>						
PG64	BULLET	IN # 19@		ME	TALS OPTION P	RODUCTS		OPEN	-	Jan 30,		PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELT	EXER A CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTER	PEN EST
SO CAL	LL	COMEX SILVER O	OPTIONS									
1700 1750						6.941 + 0.112 .98 6.448 + 0.112 .97					2 1	UNCH
1800 1825						5.959 + 0.110 .96 5.717 + 0.110 .96	84 37				6 29	UNCH UNCH
1850 1900			5.143B/ 4.673B/	5.143B/ 4.673B/		5.476 + 0.109 .95 4.998 + 0.106 .94 4.530 + 0.103 .92	59				2 28 1	UNCH
1950 2000 2050			4.215B/ 3.771B/	4.215B/ 3.771B/		4.530 + 0.103 .92 4.074 + 0.097 .90 3.633 + 0.090 .87	69				161 4	UNCH UNCH UNCH
2075 2100			3.557B/ 3.346B/	3.557B/ 3.346B/		3.419 + 0.086 .86 3.210 + 0.082 .84	24 43				2 21	UNCH
2125 2150 2175			3.141B/ 2.942B/ 2.750B/2.552A	3.141B/ 2.942B/ 2.750B/2.552A		3.008 + 0.078 .82 2.811 + 0.073 .80 2.622 + 0.069 .77	29				78 2	UNCH UNCH UNCH
2200 2225			2.564B/2.371A 2.386B/2.200A	2.564B/2.371A 2.386B/2.200A		2.440 + 0.064 .75 2.267 + 0.060 .72	43				252 24	UNCH
2250 2255			2.217B/2.037A #2.111B/2.010A #2.069B/1.947A	2.217B/2.037A #2.111B/2.010A #2.069B/1.947A		2.101 + 0.055 .69 2.069 + 0.054 .69 2.005 + 0.051 .68	42				102 1 3	UNCH UNCH UNCH
2265 2275 2300			2.059B/1.883A 1.908B/1.737A	2.059B/1.883A 1.908B/1.737A		1.944 + 0.050 .67 1.795 + 0.045 .64	11				8 152	UNCH
2305 2310			#1.876B/1.712A #1.849B/1.685A	#1.876B/1.712A #1.849B/1.685A		1.766 + 0.044 .63 1.738 + 0.043 .62	92				2 2	UNCH
2325 2350 2375			1.763B/1.601A 1.622B/1.474A 1.494B/1.354A	1.763B/1.601A 1.622B/1.474A 1.494B/1.354A		1.655 + 0.040 .61 1.524 + 0.036 .58 1.401 + 0.031 .54	04				19 25 21	UNCH UNCH UNCH
2400 2425	1.251	1.251	1.375B/1.243A 1.264B/1.140A	1.375B/1.243A 1.264B/1.140A		1.286 + 0.027 .51 1.180 + 0.023 .48	92		5 		371 + 43	3 UNCH
2450 2475 2495	0.930	 0.930	1.161B/1.044A 1.068B/0.952A #0.996B/*0.887A	1.161B/1.044A 1.068B/0.952A #0.996B/*0.887A		1.081 + 0.019 .45 0.990 + 0.016 .43 0.923 NEW .40	14		 5		245 198 5 +	UNCH UNCH 5
2500 2525	0.915	0.915	0.979B/0.871A 0.897B/0.797A	0.979B/0.871A 0.897B/0.797A		0.906 + 0.013 .40 0.829 + 0.010 .37	39 75		11		1569 + 17	1 UNCH
2540 2550 2575			#0.851B/*0.755A 0.822B/0.729A 0.753B/0.666A	#0.851B/*0.755A 0.822B/0.729A 0.753B/0.666A		0.786 + 0.009 .36 0.759 + 0.009 .35 0.694 + 0.006 .32	24				7 38 9	UNCH UNCH UNCH
2600 2625			0.689B/0.610A 0.631B/0.559A	0.689B/0.610A 0.631B/0.559A		0.635 + 0.004 .30 0.581 + 0.003 .28	57 43				208 8	UNCH UNCH
2650 2675 2700	0.515 0.472	0.515 0.472	0.580B/0.513A 0.531B/0.470A 0.489B/0.425	0.580B/0.513A 0.531B/0.470A 0.489B/0.425		0.532 + 0.001 .26 0.488 UNCH .24 0.448 UNCH .22	56		100		322 151 + 723 -	UNCH 46 1
2725 2750			0.448B/0.398A 0.412B/0.365A	0.448B/0.398A 0.412B/0.365A		0.411 - 0.002 .21 0.378 - 0.002 .19	19 69				17 254	UNCH UNCH
2775 2800			0.379B/0.337A 0.351B/0.311A 0.323B/0.287A	0.379B/0.337A 0.351B/0.311A 0.323B/0.287A		0.348 - 0.003 .18 0.321 - 0.003 .17 0.296 - 0.003 .15	01				13 433 44	UNCH UNCH UNCH
2825 2850 2875			0.298B/0.267A 0.275B/0.247A	0.298B/0.267A 0.275B/0.247A		0.274 - 0.003 .14 0.253 - 0.004 .13	73 70				18 2	UNCH UNCH
2900 2925			0.255B/0.229A 0.235B/0.213A	0.255B/0.229A 0.235B/0.213A		0.235 - 0.003 .12 0.218 - 0.003 .11 0.202 - 0.003 .11	91				18 20 22	UNCH
2950 2975 3000	0.188	0.188	0.218B/0.198A 0.203B/0.185A 0.191/0.172A	0.218B/0.198A 0.203B/0.185A 0.191/0.172A		0.202 - 0.003 .11 0.188 - 0.003 .10 0.176 - 0.002 .09	36				6 720 +	UNCH UNCH 2
3025 3050	0.170	0.170	0.175B/0.160A 0.163B/0.150A	0.175B/0.160A 0.163B/0.150A		0.164 - 0.001 .09 0.153 - 0.001 .08	50		1 		32 + 5	1 UNCH
3075 3100 3125	0.127	 0.127	0.152B/0.140A 0.141B/0.131A 0.132B/0.123A	0.152B/0.140A 0.141B/0.131A 0.132B/0.123A		0.143 - 0.001 .07 0.134 UNCH .07 0.126 + 0.001 .07	47		1 1		101 20 2	UNCH UNCH UNCH
3150 3200			0.123B/0.115A 0.107B/0.102A	0.123B/0.115A 0.107B/0.102A		0.118 + 0.001 .06 0.104 + 0.001 .05	59 82				14 5	UNCH UNCH
3225 3250			0.101B/ 0.094B/ 0.088B/	0.101B/ 0.094B/ 0.088B/		0.097 + 0.001 .05 0.091 + 0.001 .05 0.086 + 0.001 .04	12				3 6 3	UNCH UNCH UNCH
3275 3300 3325			0.083B/ 0.078B/	0.083B/ 0.078B/		0.081 + 0.002 .04 0.076 + 0.001 .04	55				520 19	UNCH
3350 3375			0.073B/ 0.069B/ 0.065B/	0.073B/ 0.069B/ 0.065B/		0.071 + 0.001 .04 0.067 + 0.001 .03 0.063 + 0.001 .03	78				5 3 102	UNCH UNCH UNCH
3400 3425 3450			0.061B/ 0.058B/	0.061B/ 0.058B/		0.059 UNCH .03 0.055 UNCH .03	34				3 4	UNCH
3500 4000			0.052B/	0.052B/		0.050 + 0.002 .02 0.022 + 0.001 .01	19				499 257	UNCH
5000 6000 9000			0.005B/	0.005B/		0.007 UNCH .00 0.003 UNCH .00 0.001 UNCH .00	14				60 21 2	UNCH UNCH UNCH
10000 TOTAL						0.001 UNCH .00	00		129	0	170 8324 +	UNCH 57
JUN23 1775						6.424 + 0.110 .95	90				2	UNCH
1825 1850			6.085B/ 5.848B/	6.085B/ 5.848B/		5.946 + 0.107 .94 5.710 + 0.106 .94	20				4 3	UNCH
1875 1925 1950			5.614B/ 5.152B/ 4.925B/	5.614B/ 5.152B/ 4.925B/		5.476 + 0.105 .93 5.015 + 0.101 .91 4.789 + 0.099 .90	81				3 2 2	UNCH UNCH UNCH
2050 2075			4.054B/ 3.846B/	4.054B/ 3.846B/		3.922 + 0.088 .85 3.717 + 0.085 .84	72 13				5	UNCH UNCH
2100 2150 2175			3.644B/ 3.256B/ 3.070B/	3.644B/ 3.256B/ 3.070B/		3.516 + 0.081 .82 3.133 + 0.074 .78 2.950 + 0.069 .76	64				8 1 1	UNCH UNCH UNCH
2200 2275			2.892B/ 2.397B/2.236A	2.892B/ 2.397B/2.236A		2.775 + 0.066 .74 2.290 + 0.052 .67	38 30				1 16	UNCH UNCH
2300 2325 2400			2.247B/2.092A 2.104B/1.954A 1.718B/1.589A	2.247B/2.092A 2.104B/1.954A 1.718B/1.589A		2.143 + 0.048 .64 2.003 + 0.043 .62 1.629 + 0.031 .54	27				4 2 6	UNCH UNCH UNCH
2450 2475			1.496B/1.380A 1.395B/1.285A	1.496B/1.380A 1.395B/1.285A		1.414 + 0.023 .49 1.317 + 0.019 .47	55 11		1		221 43 -	UNCH 1
2500 2550			1.305B/1.192A 1.133B/1.033A 1.056B/0.962A	1.305B/1.192A 1.133B/1.033A 1.056B/0.962A		1.226 + 0.016 .44 1.062 + 0.010 .40 0.989 + 0.008 .38	18				615 31 7	UNCH UNCH UNCH
2575 2600 2625			0.984B/0.896A 0.917B/0.835A	0.984B/0.896A 0.917B/0.835A		0.920 + 0.005 .35 0.857 + 0.003 .33	96 99				412 1	UNCH UNCH
2650 2700			0.855B/0.778A 0.744B/0.678A	0.855B/0.778A 0.744B/0.678A		0.799 + 0.001 .32 0.695 - 0.001 .28	11 63				191 260 181	UNCH UNCH
2750 2775 2800			0.649B/0.593A 0.607B/0.554A 0.568B/0.520A	0.649B/0.593A 0.607B/0.554A 0.568B/0.520A		0.568 - 0.002 .24 0.532 - 0.002 .22	10 76		 1		22 113 +	UNCH UNCH 1
2825 2850			0.532B/0.486A 0.499B/0.456A	0.532B/0.486A 0.499B/0.456A		0.498 - 0.003 .21 0.468 - 0.002 .20	49 32				3 22 5	UNCH
2875 2900 2925			0.468B/0.429A 0.439B/0.403A 0.413B/0.379A	0.468B/0.429A 0.439B/0.403A 0.413B/0.379A		0.439 - 0.003 .19 0.412 - 0.003 .18 0.387 - 0.004 .17	13				586 10	UNCH UNCH UNCH
2950 2975	 0 220	 0 220	0.388B/0.357A 0.365B/0.336A	0.388B/0.357A 0.365B/0.336A		0.363 - 0.005 .16 0.341 - 0.006 .15	18 29				3 2	UNCH
3000 3025 3050	0.320	0.320 	0.344B/0.317A 0.324B/0.299A 0.305B/0.283A	0.344B/0.317A 0.324B/0.299A 0.305B/0.283A		0.321 - 0.006 .14 0.303 - 0.006 .13 0.286 - 0.006 .12	71		5 		266 + 6 2	UNCH UNCH
3075 3100			0.288B/0.266A 0.272B/0.252A	0.288B/0.266A 0.272B/0.252A		0.270 - 0.005 .12 0.256 - 0.004 .11	30 69				8 20	UNCH UNCH
3150 3175 3200			0.243B/0.226A 0.230B/0.215A 0.217B/0.205A	0.243B/0.226A 0.230B/0.215A 0.217B/0.205A		0.230 - 0.003 .10 0.218 - 0.003 .10 0.207 - 0.002 .09	03				5 9 4	UNCH UNCH UNCH
3275 3300	0.178	0.178	0.185B/0.176A 0.178/0.167A	0.185B/0.176A 0.178/0.167A		0.178 - 0.001 .08 0.169 - 0.001 .07	24 84		1		2 4 +	UNCH 1
3325 3350			0.167B/0.160A 0.159B/0.152A	0.167B/0.160A 0.159B/0.152A		0.161 - 0.001 .07 0.153 - 0.001 .07	11				1 31 2	UNCH
3375 3400 3425			0.151B/0.146A 0.144B/0.139A 0.137B/0.132A	0.151B/0.146A 0.144B/0.139A 0.137B/0.132A		0.146 - 0.001 .06 0.139 - 0.001 .06 0.133 UNCH .06	48				4 2	UNCH UNCH UNCH
3450 3475	0.137	0.137	0.137/0.126A 0.124B/	0.137/0.126A 0.124B/		0.126 - 0.001 .05 0.121 - 0.001 .05	89		2		4 + 28	2 UNCH
TOTAL JUL23									10	0	3189 +	5
1550 1650						8.638 + 0.114 .97 7.654 + 0.111 .96	74				1	UNCH UNCH
1675 1825			6.125B/	6.125B/		7.411 + 0.110 .96 5.989 + 0.104 .93	11				1	UNCH
THE IN	VEORMATTON	CONTATNED IN TH	HTS REPORT TS COMPTI	ED FOR THE CONVENT	ENCE OF THE USER	AND IS FURNISHED WITHOUT	RESPONSTRI	TITTY FOR	VCCIIBVC	V OR CONTI	ENT. IT	

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





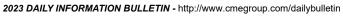




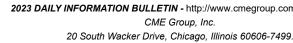
				PRELIMINA	.N.I					
PG64 BULLET		CLOREY		ETALS OPTION F		EVED	OPEN	Mon,	Jan 30,	2023 PG64 OPEN
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OUTCRY VOLUME	VOLUME	VOLUME	INTEREST
SO CALL JUL23	COMEX SILVER O		5 004p /		5 750 0 103 . 0337					25 191611
1850 1875 1950		5.894B/ 5.666B/ 5.000B/	5.894B/ 5.666B/ 5.000B/		5.759 + 0.102 .9237 5.532 + 0.101 .9154 4.869 + 0.095 .8853					25 UNCH 2 UNCH 1 UNCH
1975 2000 2075		4.784B/ 4.574B/ 3.966B/	4.784B/ 4.574B/ 3.966B/		4.655 + 0.093 .8735 4.445 + 0.090 .8607 3.842 + 0.081 .8165					10 UNCH 10 UNCH 5 UNCH
2100 2125		3.773B/ 3.586B/	3.773B/ 3.586B/		3.652 + 0.078 .7997 3.466 + 0.074 .7821					114 UNCH 35 UNCH
2200 2275 2300		3.059B/ 2.590B/ 2.446B/2.297A	3.059B/ 2.590B/ 2.446B/2.297A		2.947 + 0.063 .7242 2.486 + 0.051 .6603 2.346 + 0.048 .6382					205 UNCH 5 UNCH 43 UNCH
2325 2350 2400		2.309B/2.166A 2.179B/2.038A 1.937B/1.808A	2.309B/2.166A 2.179B/2.038A 1.937B/1.808A		2.212 + 0.044 .6159 2.085 + 0.040 .5935 1.850 + 0.033 .5487					7 UNCH 13 UNCH 204 UNCH
2425 2450		1.826B/1.702A 1.721B/1.602A	1.826B/1.702A 1.721B/1.602A		1.742 + 0.029 .5266 1.640 + 0.026 .5048					30 UNCH 19 UNCH
2475 2500 2525		1.621B/1.508A 1.527B/1.419A 1.440B/1.334A	1.621B/1.508A 1.527B/1.419A 1.440B/1.334A		1.543 + 0.022 .4835 1.452 + 0.018 .4627 1.367 + 0.016 .4425			2 		93 UNCH 603 UNCH 42 UNCH
2550 2575 2600		1.356B/1.255A 1.278B/1.181A 1.204B/1.114A	1.356B/1.255A 1.278B/1.181A 1.204B/1.114A		1.286 + 0.012 .4227 1.211 + 0.010 .4037 1.140 + 0.007 .3853					3 UNCH 10 UNCH 267 UNCH
2650 2675		1.069B/0.989A 1.008B/0.933A	1.069B/0.989A 1.008B/0.933A		1.012 + 0.004 .3506 0.954 + 0.002 .3342					130 UNCH 364 UNCH
2700 2725 2750		0.951B/0.880A 0.897B/0.831A 0.847B/0.786A	0.951B/0.880A 0.897B/0.831A 0.847B/0.786A		0.900 + 0.001 .3187 0.849 - 0.001 .3037 0.802 - 0.001 .2895					407 UNCH 42 UNCH 13 UNCH
2775 2800 2825		0.802B/0.743A 0.758B/0.702A 0.717B/0.665A	0.802B/0.743A 0.758B/0.702A 0.717B/0.665A		0.758 - 0.002 .2760 0.716 - 0.003 .2630 0.678 - 0.003 .2508					34 UNCH 395 UNCH 2 UNCH
2850 2900		0.679B/0.630A 0.609B/0.565A	0.679B/0.630A 0.609B/0.565A		0.642 - 0.003 .2391 0.577 - 0.003 .2176					9 UNCH 148 UNCH
2925 2950 2975		0.578B/0.537A 0.548B/0.511A 0.521B/0.485A	0.578B/0.537A 0.548B/0.511A 0.521B/0.485A		0.547 - 0.003 .2076 0.520 - 0.003 .1983 0.494 - 0.003 .1893					1 UNCH 36 UNCH 1 UNCH
3000 3025 0.446	0.446	0.495B/0.462A 0.470B/0.440A	0.495B/0.462A 0.470B/0.440A		0.469 - 0.003 .1807 0.447 NEW .1728			2		2304 UNCH 2 + 2
3050 3075 3100		0.447B/0.418A 0.426B/0.398A 0.405B/0.380A	0.447B/0.418A 0.426B/0.398A 0.405B/0.380A		0.405 - 0.003 .1579 0.386 - 0.003 .1510					18 UNCH 2 UNCH 16 UNCH
3125 3150 3200		0.386B/0.361A 0.368B/0.345A 0.335B/0.316A	0.386B/0.361A 0.368B/0.345A 0.335B/0.316A		0.368 - 0.003 .1445 0.351 - 0.003 .1382 0.320 - 0.003 .1268					460 UNCH 110 UNCH 151 UNCH
3250 3300		0.306B/0.289A 0.280B/0.265A	0.306B/0.289A 0.280B/0.265A		0.293 - 0.002 .1166 0.268 - 0.003 .1071					1 UNCH 133 UNCH
3350 3400 3500		0.256B/0.244A 0.235B/0.225A 0.199B/0.193A	0.256B/0.244A 0.235B/0.225A 0.199B/0.193A		0.246 - 0.003 .0987 0.226 - 0.003 .0910 0.193 - 0.002 .0780					2 UNCH 3 UNCH 1028 UNCH
3575 3600 3650		0.177B/0.172A 0.170B/0.166A 0.158B/0.154A	0.177B/0.172A 0.170B/0.166A 0.158B/0.154A		0.172 - 0.001 .0697 0.165 - 0.002 .0670 0.154 - 0.001 .0625					4 UNCH 1 UNCH 3 UNCH
3775 3800		0.131B/ 0.127B/	0.131B/ 0.127B/		0.129 UNCH .0525 0.124 - 0.001 .0505					5 UNCH 1 UNCH
3900 3950 4000		0.110B/ 0.103B/	0.110B/ 0.103B/		0.109 UNCH .0444 0.102 UNCH .0415 0.096 UNCH .0390					191 UNCH 7 UNCH 1109 UNCH
4025 4075					0.093 UNCH .0378 0.088 + 0.001 .0357					10 UNCH 1 UNCH
5000		0.019B/	 0.019B/		$0.035 + 0.001 .0139 \\ 0.019 + 0.001 .0071$					228 UNCH 71 UNCH
7000 9000 10000					0.014 + 0.002 .0049 0.008 + 0.002 .0026 0.005 UNCH .0016					19 UNCH 10 UNCH 51 UNCH
TOTAL SEP23								4	0	9292 + 2
1650 1700		7.540B/	7.540B/		7.893 + 0.129 .9517 7.421 + 0.127 .9418					1 UNCH 1 UNCH
1725 1750 1975		7.307B/ 7.075B/ 5.115B/	7.307B/ 7.075B/ 5.115B/		7.188 + 0.126 .9363 6.957 + 0.124 .9300 5.006 + 0.105 .8486					2 UNCH 1 UNCH 1 UNCH
2000 2200 2300		4.914B/ 3.481B/ 2.893B/	4.914B/ 3.481B/ 2.893B/		4.807 + 0.102 .8363 3.388 + 0.075 .7147 2.809 + 0.060 .6430					1 UNCH 1 UNCH 9 UNCH
2400 2425		2.394B/ 2.283B/	2.394B/ 2.283B/		2.319 + 0.045 .5693 2.211 + 0.043 .5509					125 UNCH 4 UNCH
2450 2475 2500		2.176B/ 2.075B/ 1.978B/	2.176B/ 2.075B/ 1.978B/		2.107 + 0.039 .5329 2.008 + 0.036 .5152 1.914 + 0.033 .4977					60 UNCH 62 UNCH 21 UNCH
2525 2700 2800		1.887B/ 1.359B/1.297A 1.134B/1.084A	1.887B/ 1.359B/1.297A 1.134B/1.084A		1.825 + 0.031 .4807 1.313 + 0.014 .3732 1.096 + 0.008 .3219					6 UNCH 325 UNCH 60 UNCH
2850 2900		1.038B/0.991A 0.956B/0.910A	1.038B/0.991A 0.956B/0.910A		1.004 + 0.005 .2991 0.922 + 0.003 .2780					16 UNCH 3 UNCH
2925 2975 3000		0.917B/0.873A 0.844B/0.805A 0.810B/0.774A	0.917B/0.873A 0.844B/0.805A 0.810B/0.774A		0.884 + 0.003 .2681 0.814 + 0.001 .2494 0.782 + 0.001 .2407					1 UNCH 12 UNCH 142 UNCH
3050 3100 3150		0.748B/0.716A 0.692B/0.663A 0.641B/0.616A	0.748B/0.716A 0.692B/0.663A 0.641B/0.616A		0.723 UNCH .2244 0.669 - 0.001 .2092 0.621 - 0.001 .1955					1 UNCH 1 UNCH 8 UNCH
3175 0.600 3200	0.600	0.617B/0.594A 0.595B/0.573A	0.617B/0.594A 0.595B/0.573A		0.599 NEW .1891 0.577 - 0.002 .1827			1		1 + 1 50 UNCH
3250 3450 3475		0.554B/0.534A 0.421B/0.411A 0.408B/0.398A	0.554B/0.534A 0.421B/0.411A 0.408B/0.398A		0.538 - 0.001 .1712 0.411 - 0.002 .1328 0.398 - 0.002 .1288					12 UNCH 9 UNCH 1 UNCH
3500 4000 5000		0.395B/0.386A 	0.395B/0.386A 		0.385 - 0.003 .1249 0.220 - 0.002 .0723 0.094 UNCH .0307					127 UNCH 116 UNCH 26 UNCH
6000 7000					0.050 + 0.001 .0161 0.031 UNCH .0098					1 UNCH 50 UNCH
10000 TOTAL					0.015 - 0.001 .0043			1	0	1 UNCH 1258 + 1
DEC23 1875 1900		6.373B/ 6.169B/	6.373B/ 6.169B/		6.265 + 0.106 .8671 6.064 + 0.104 .8575					2 UNCH 1 UNCH
1925 1950		5.970B/ 5.774B/	5.970B/ 5.774B/		5.866 + 0.102 .8475 5.672 + 0.099 .8369					2 UNCH 4 UNCH
2200 2275 2400		4.049B/ 3.622B/ 3.003B/	4.049B/ 3.622B/ 3.003B/		3.966 + 0.068 .7090 3.544 + 0.059 .6652 2.931 + 0.043 .5905					1 UNCH 1 UNCH 1 UNCH
2425 2475 2500		2.893B/ 2.685B/ 2.587B/	2.893B/ 2.685B/ 2.587B/		2.822 + 0.040 .5756 2.617 + 0.035 .5463 2.520 + 0.032 .5319					7 UNCH 50 UNCH 41 UNCH
2525 2550		2.493B/ 2.402B/	2.493B/ 2.402B/		2.428 + 0.030 .5179 2.339 + 0.028 .5041					8 UNCH 126 UNCH
2600 2650 2700		2.233B/ 2.077B/ 1.934B/	2.233B/ 2.077B/ 1.934B/		2.172 + 0.022 .4772 2.020 + 0.019 .4516 1.881 + 0.016 .4272					105 UNCH 150 UNCH 1 UNCH
2750 2800 2900		1.803B/ 1.682B/ 1.470B/	1.803B/ 1.682B/ 1.470B/		1.753 + 0.012 .4040 1.637 + 0.009 .3822 1.433 + 0.004 .3423					1 UNCH 205 UNCH 2 UNCH
3000 3100		1.292B/1.260A 1.148B/1.117A	1.292B/1.260A 1.148B/1.117A		1.263 + 0.002 .3072 1.119 - 0.001 .2763					1869 UNCH 14 UNCH
3150 3300 3500		1.081B/1.054A 0.912B/0.893A 0.739B/0.730A	1.081B/1.054A 0.912B/0.893A 0.739B/0.730A		1.056 - 0.002 .2624 0.893 - 0.004 .2256 0.726 - 0.005 .1863					1 UNCH 30 UNCH 1162 UNCH
3600 3650		0.670B/ 0.639B/ 0.582B/	0.670B/ 0.639B/ 0.582B/		0.660 - 0.004 .1703 0.630 - 0.004 .1629 0.575 - 0.004 .1494					60 UNCH 2 UNCH 4 UNCH
4000 4500					0.465 - 0.004 .1218 0.318 - 0.004 .0842					569 UNCH 2 UNCH
5000 6000 7000					0.230 - 0.002 .0611 0.135 - 0.001 .0359 0.090 - 0.001 .0237					404 UNCH 350 UNCH 3 UNCH
10000					0.039 - 0.007 .0099					13 UNCH

#### **METALS OPTIONS PRODUCTS**

64 Side 30







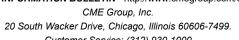


Customer Service: (312) 930-1000 PRELIMINARY PG64 BULLETIN # 19@ METALS OPTION PRODUCTS Jan 30, 2023 PG64 Mon, OPEN INTEREST GLOBEX OPEN OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE OUTCRY VOLUME GLOBEX® VOLUME OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW SETT.PRICE & PT.CHGE. EXER CISES PNT VOLUME DELTA SO CALL COMEX SILVER OPTIONS 0 5191 0 TOTAL COMEX SILVER OPTIONS 0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.001
0.002
0.002
0.002
0.002
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003
0.003 UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH 0.001 0.001 0.001/0.001 0.001/0.001 216 UNCH UNCH UNCH UNCH UNCH UNCH 2 UNCH 4 434 12 257 14 30 168 59 14 389 37 138 UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH ----/0.009A ------------/0.009A ----1 6 2 54 2 4 13 0.011 0.011 0.011/\*0.011 0.011/\*0.011 0.013 0.014 0.013/\*0.013
0.014/\*0.014
----/0.019A
----/0.019A
0.017/0.017
----/0.021A
----/0.023A
----/0.023A
----/0.023A
----/0.026A
----/0.026A
----/0.026A
----/0.037A
----/0.038A
----/0.038A
----/0.031A
----/0.031A
----/0.037A
----/0.049A
----/0.059A
----/0.051A
----/0.059A
----/0.059A
----/0.059A
----/0.066A
----/0.095A
0.120B/0.101A
0.112/0.106A
----/0.095A
0.120B/0.101A
0.112/0.106A
----/0.138A
----/0.138A
----/0.138A
----/0.138A
----/0.138A
----/0.138A
----/0.138A
----/0.138A
---/0.138A
0.21/0.25BA
0.221/0.22BA
0.225/0.25BA
0.221/0.22BA
0.225/0.25BA
0.221/0.23BA
0.221/0.23BA
0.221/0.23BA
0.221/0.23BA
0.225/0.33GA
0.329B/0.275A
---/0.33GA
0.339BA
0.339BA
0.339BA
0.339BA
0.339BA
0.339BA
0.339BA
0.339BA
0.339BA
0.4572A
---/0.339A 0.013/\*0.013
0.014/\*0.014
0.014/\*0.014
0.019A
0.017/0.017
0.021A
0.017/0.021A
0.023A
0.029/\*0.026A
0.029/\*0.026A
0.029/\*0.026A
0.029/\*0.026A
0.029/\*0.031A
0.029/\*0.031A
0.0303A
0.0303A
0.040A
0.0303A
0.040A
0.0303A
0.047/0.037A
0.054A
0.054A
0.054A
0.054A
0.059/\*0.066A
0.047/0.059A
0.070,0054A
0.071,0054A
0.071,0054A 0.013 0.014 0.017 0.017 1 ------------1 0.026 0.026 168 22 167 16 17 2116 10 201 69 18 8 20 8 43 3 17 12 17 349 54 8 23 3 1537 0.047 0.047 0.078 0.078 0.106 0.112 0.106 0.112 0.140 0.140 65 2 1 5 15 1 ----8 45 1 8 7 1 5 13 0.174 0.174 0.205 0.205 0.221 0.220 0.247 0.267 0.270 0.221 0.220 0.247 0.267 0.270 20 ----7 0.303 0.303 0.323 0.323 74 ----2 4 ----1 1 23 0.371 0.371 0.468 0.468 ---/0.493A ---/0.513A 0.624B/0.528 ---/0.555A 0.655/0.575A ---/0.598A 0.727B/0.622A 0.753B/0.636 ---/0.671A ---/0.723A ---/0.7749A 0.624B/0 0.562 0.562 0.619 0.619 33 1 13 35 --------12

## **METALS OPTIONS PRODUCTS**

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin









PG6	64 BULLET	ΓΙΝ # 19@			METALS OPTION F				Mon,	Jan 30,	, 2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
SO F		COMEX SILVER (	OPTIONS								
2405 2410 2415	5		/0.806A /0.835A /0.862A	/0.806A /0.835A /0.862A		0.868 - 0.099 .559 0.898 - 0.100 .570 0.929 - 0.100 .583	3				5 UNCH 43 UNCH 32 UNCH
2420 2425	5		/0.891A /0.921A /0.953A	/0.891A /0.921A /0.953A		0.960 - 0.102 .592 0.992 - 0.103 .603 1.024 - 0.104 .614	6				60 UNCH 78 UNCH 59 UNCH
2430 2435 2440	5 )		/N 983A	/N 983A		1.057 - 0.105 .624 1.091 - 0.105 .635	9				5 UNCH 6 UNCH
2445 2450 2455	5	 	/1.014A /1.046A /1.081A /1.114A	/1.014A /1.046A /1.081A /1.114A		1.125 - 0.106 .645 1.159 - 0.107 .656 1.194 - 0.107 .666	0 0		17 		7 UNCH 63 + 1 18 UNCH
2460 2465 2470	5	1.210 	1.294B/1.147A /1.180A /1.215A	1.294B/1.147A /1.180A /1.215A		1.230 - 0.107 .675 1.266 - 0.108 .685 1.302 - 0.109 .695	4		3 		6 UNCH 5 UNCH 5 UNCH
2475 2480 2485	)		1.294B/1.147A/1.180A/1.215A/1.249A/1.320A/1.356A/1.406A/1.435A/1.481A/1.518A/1.558A/1.627A/1.676A/1.830A/1.944A/1.986A/1.986A/1.986A/2.029A 2.238B/2.040A	/1.249A /1.284A /1.320A		1.339 - 0.109 .704 1.376 - 0.110 .713 1.414 - 0.110 .722	3				3 UNCH 3 UNCH 3 UNCH
2490 2495 2500	) 5		/1.356A /1.406A /1.435A	/1.356A /1.406A /1.435A		1.452 - 0.111 .733 1.491 - 0.111 .739 1.530 - 0.111 .743	.1				3 UNCH 8 UNCH 38 - 1
2505 2510	5 )		/1.481A /1.518A	/1.481A /1.518A /1.558A		1.569 - 0.112 .755 1.609 - 0.112 .764 1.649 - 0.112 .773	9				5 UNCH 4 UNCH 8 UNCH
2515 2520 2525	) 5		/1.597A /1.627A	/1.597A /1.627A		1.690 - 0.112 .779 1.731 - 0.112 .786	5 8				4 UNCH 2 UNCH
2530 2535 2550	5		/1.676A /1.716A /1.830A	/1.676A /1.716A /1.830A		1.772 - 0.113 .793 1.814 - 0.112 .800 1.940 - 0.113 .820	5 1				5 UNCH 2 UNCH 8 UNCH
2560 2565 2570	5 )		/1.944A /1.986A /2.029A	/1.830A /1.944A /1.986A /2.029A		2.026 - 0.113 .832 2.070 - 0.113 .838 2.114 - 0.112 .844	5				3 UNCH 8 UNCH 1 UNCH
2575 2590 2595	)	2.070 	2.238B/2.040A /2.201A /2.245A 2.450/2.258A	2.238B/2.040A /2.201A /2.245A		2.158 - 0.112 .849 2.291 - 0.112 .869 2.336 - 0.112 .869	4		2 		8 + 2 3 UNCH 9 UNCH
2600 2610 2625	2.450	2.450  2.577		2.450/2.258A /2.377A		2.381 - 0.112 .873 2.471 - 0.113 .882 2.609 - 0.112 .894	4		<u>1</u> 1		6 UNCH 1 UNCH 8 + 1
2650 2675 2700	) 5		2.694B/2.481A /2.710A /2.943A /3.179A 3.647B/3.417A	2.694B/2.481A /2.710A /2.943A		2.841 - 0.112 .912 3.076 - 0.113 .926 3.315 - 0.112 .938	1 5				15 - 1 5 UNCH 15 UNCH
2725 2750	3.580 3.734	3.580 3.734	3.647B/3.417A 3.801/3.658A	/3.179A 3.647B/3.417A 3.801/3.658A		3.556 - 0.112 .948 3.798 - 0.112 .956 4.042 - 0.112 .962	0 7		5 9		2 - 1 7 + 3 2 UNCH
2775 2800 2825	5					4.287 - 0.112 .968 4.533 - 0.113 .972	7				12 UNCH 4 UNCH
2850 2875 2900	5					5.028 - 0.112 .978 5.276 - 0.112 .983	8 .2				2 UNCH 7 UNCH 1 UNCH
2925 2950 2975	5 5					5.524 - 0.112 .983 5.773 - 0.111 .984 6.021 - 0.112 .983	8				5 UNCH 1 UNCH 3 UNCH
3000 3025 3050	) 5					6.270 - 0.111 .988 6.519 - 0.111 .989 6.768 - 0.111 .990	4				7 UNCH 1 UNCH 3 UNCH
3075 3100 3125	5					7.018 - 0.111 .993 7.267 - 0.111 .993 7.517 - 0.111 .993	.6 7				1 UNCH 4 UNCH 7 UNCH
3150 3175	5					7.767 - 0.111 .99 <sup>2</sup> 8.017 - 0.111 .99 <sup>2</sup> 8.267 - 0.111 .99 <sup>9</sup>	7 8				4 UNCH 4 UNCH 1 UNCH
3200 3225 3250	5					8.517 - 0.111 .995 8.767 - 0.111 .996	9				4 UNCH 6 UNCH
3275 3300 3325	) 5					9.017 - 0.111 .996 9.267 - 0.111 .997 9.517 - 0.111 .997	0 1				6 UNCH 2 UNCH 1 UNCH
3375 3400 3425	)					10.017 - 0.111 .998 10.267 - 0.111 .998 10.517 - 0.111 .998	1 1				1 UNCH 2 UNCH 2 UNCH
3450 3475 3525	5					10.767 - 0.111 .998 11.017 - 0.111 .998 11.517 - 0.111 .999	2				3 UNCH 1 UNCH 2 UNCH
3550 3575 3625	5					11.767 - 0.111 .999 12.017 - 0.111 .999 12.517 - 0.111 .999	6				3 UNCH 1 UNCH 2 UNCH
3650 3675 4000	) 5					12.767 - 0.111 .999 13.017 - 0.111 .000 16.267 - 0.111 .000	0				1 UNCH 1 UNCH 1 UNCH
TOTA APR2	AL								478	0	16017 + 140
1100 1200 1250	)					0.001 UNCH .000 0.001 UNCH .000 0.002 + 0.001 .003	4				3 UNCH 1 UNCH 8 UNCH
1300 1325	) 5					0.002 UNCH .003 0.002 UNCH .003	.1 .1				18 UNCH 3 UNCH
1350 1425 1450	5 )					0.004 UNCH .002 0.004 UNCH .002	3 4				9 UNCH
1475 1500 1525	) 5					0.005 UNCH .003 0.006 + 0.001 .003 0.006 UNCH .003	6 7				2 UNCH 47 UNCH 5 UNCH
1550 1575 1600	5					0.007 UNCH .004 0.008 UNCH .005 0.009 UNCH .005	1 8				37 UNCH 8 UNCH 16 UNCH
1625 1650 1675	)					0.010 UNCH .006 0.011 - 0.001 .007 0.012 - 0.001 .008	'3				7 UNCH 12 UNCH 111 UNCH
1700 1725 1750	) 5					0.014 - 0.001 .009 0.016 - 0.001 .013 0.018 - 0.002 .013	.0				94 UNCH 6 UNCH 12 UNCH
1775 1800 1825	5					0.021 - 0.002 .014 0.024 - 0.002 .017 0.028 - 0.003 .019	7				12 UNCH 25 UNCH 11 UNCH
1850 1875	5		 /0.041A /0.047A	 /0.041A /0.047A		0.032 - 0.004 .023 0.037 - 0.005 .026 0.043 - 0.006 .033	0 7		1  1		23 - 1 13 UNCH 615 + 1
1900 1925 1950	5 )		/0.053A /0.062A	/0.053A /0.062A		0.051 - 0.006 .036 0.060 - 0.008 .043	8		 		11 UNCH 24 UNCH
1975 2000 2025	0.090	0.090	/0.072A 0.090/0.082 /0.101A	/0.072A 0.090/0.082 /0.101A		0.085 - 0.012 .060 0.101 - 0.014 .071	14 1		10 		16 UNCH 704 + 7 15 UNCH
2050 2075 2100	5	0.117	0.117/0.117 /0.144A /0.168A	0.117/0.117 /0.144A /0.168A		0.121 - 0.017 .083 0.144 - 0.020 .098 0.172 - 0.024 .119	4 3		1 5 13		23 + 1 31 + 4 609 + 2
2125 2150 2165	) 5	0.207 	0.222B/0.200A /0.239A /0.264A	0.222B/0.200A /0.239A /0.264A		0.205 - 0.028 .134 0.244 - 0.033 .156 0.271 - 0.036 .170	8		10 		68 + 2 128 UNCH 1 UNCH
2170 2175 2180	) 5		/0.273A /0.282A /0.292A	/0.273A /0.282A /0.292A		0.281 NEW .176 0.290 - 0.038 .186 0.301 - 0.039 .186	60 18 13		1 10 		1 + 1 20 + 9 2 UNCH
2190 2190 2190	0 5 0.345	0.345 0.360	/0.312A 0.358B/0.322A 0.360/0.333A	/0.312A 0.358B/0.322A 0.360/0.333A		0.322 - 0.041 .197 0.333 - 0.042 .202 0.344 - 0.043 .208	0		2 2 11		4 + 2 2 + 1 666 - 1
2205 2210	5		/0.344A /0.355A /0.367A	/0.344A /0.355A /0.367A		0.356 - 0.044 .21 0.368 - 0.045 .21 0.380 - 0.047 .22	7 5				43 UNCH 5 UNCH 13 UNCH
2215 2220 2225	5 5		/0.379A /0.391A	/0.379A /0.391A		0.393 - 0.048 .233 0.406 - 0.049 .233	4				103 UNCH 34 UNCH
2230 2240 2245	5		/0.403A /0.430A /0.443A	/0.403A /0.430A /0.443A		0.419 - 0.050 .243 0.447 NEW .256 0.462 - 0.053 .262	7		1 		1 UNCH 1 + 1 7 UNCH
2250 2255 2260	5	0.497 	0.500/0.457A /0.472A /0.486A	0.500/0.457A /0.472A /0.486A		0.477 - 0.054 .269 0.492 - 0.055 .279 0.508 - 0.056 .282	8		3 		141 + 2 1 UNCH 4 UNCH
2265 2270 2275	) 5		/0.501A /0.517A /0.532A	/0.501A /0.517A /0.532A		0.524 - 0.057 .289 0.540 - 0.059 .290 0.557 - 0.060 .302	9		 5		1 UNCH 1 UNCH 15 + 5
2280	)		/0.549A	/0.549A		0.574 - 0.061 .309	8				11 UNCH

## **METALS OPTIONS PRODUCTS**

Side 32

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





20 South Wacker Drive, Chicago, Illinois 60606-7499.

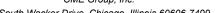
PG64	BULLET	IN # 19@		M	ETALS OPTION F	PRODUCTS			ODEN	Mon,	Jan 30,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INI	OPEN TEREST
SO PU	Т	COMEX SILVER (	OPTIONS										
2285 2290			/0.568A /0.585A	/0.568A /0.585A /0.602A		0.592 - 0.063 0.610 - 0.063	3 .3239					5 5	UNCH
2295 2300 2310			/0.602A /0.620A /0.657A	/0.620A /0.657A		0.628 - 0.065 0.647 - 0.066 0.686 - 0.068	.3382					222 3	UNCH UNCH UNCH
2315 2320			/0.676A /0.696A	/0.676A /0.696A		0.706 - 0.069 0.727 - 0.070 0.748 - 0.073	.3674					10 1	UNCH
2325 2330 2340			/0.716A /0.736A /0.778A	/0.716A /0.736A /0.778A		0.748 - 0.072 0.769 - 0.072 0.813 - 0.074	.3822					54 6 3	UNCH UNCH UNCH
2345 2350			/0.799A /0.821A /0.843A	/0.799A /0.821A /0.843A		0.836 - 0.075 0.859 - 0.076 0.882 - 0.078	.4122			1		14 126 + 23	UNCH UNCH
2355 2360 2365			/0.866A /0.890A	/0.866A /0.890A		0.906 - 0.079 0.931 - 0.079	.4272					2 4	UNCH UNCH
2370 2375 2380			/0.913A /0.937A /0.961A	/0.913A /0.937A /0.961A		0.955 - 0.083 0.980 - 0.083 1.006 - 0.083	.4498					2 215 8	UNCH UNCH UNCH
2385 2390			/0.986A /1.012A	/0.986A /1.012A /1.037A		1.032 - 0.083 1.058 - 0.084	3 .4649 1 .4724					9 200	UNCH UNCH
2395 2400 2405			/0.986A/1.012A/1.037A/1.062A/1.116A/1.1143A/1.171A/1.226A/1.255A/1.284A/1.343A/1.373A/1.625A/1.625A/1.726A 1.902/1.829A 1.938/1.864A	/1.037A /1.062A /1.089A		1.085 - 0.089 1.112 - 0.086 1.140 - 0.087	.4873			10		7 264 + 2	UNCH + 4 UNCH
2410 2415			/1.116A /1.143A	/1.116A /1.143A		1.168 - 0.087 1.196 - 0.089	7 .5021					5 1	UNCH UNCH
2420 2425 2430			/1.171A /1.199A /1.226A	/1.062A/1.1089A/1.116A/1.171A/1.199A/1.256A/1.256A/1.343A/1.343A/1.497A		1.225 - 0.089 1.254 - 0.090 1.283 - 0.093	.5242					160 23 3	UNCH UNCH UNCH
2435 2440			/1.255A /1.284A	/1.255A /1.284A		1.313 - 0.092 1.343 - 0.093	2 .5387					2 11	UNCH UNCH
2450 2455 2475			/1.343A /1.373A /1.497A	/1.343A /1.373A /1.497A		1.404 - 0.099 1.436 - 0.099 1.564 - 0.099	.5671					37 7 6	UNCH UNCH UNCH
2495 2500			/1.625A /1.659A	/I b/5A		1.698 - 0.103 1.732 - 0.103	L .6214 2 .6278					6	UNCH UNCH
2510 2525 2530	1.902 1.938	1.902 1.938	1.902/1.829A 1.938/1.864A	/1.659A /1.726A 1.902/1.829A 1.938/1.864A		1.802 - 0.103 1.908 - 0.103 1.944 - 0.106	.6593			2 2		4 5 + 1 -	UNCH - 2 - 2
2535 2540			/1.899A /1.935A	/1.899A /1.935A		1.981 - 0.100 2.017 - 0.100	6 .6711					5 1	UNCH
2545 2550 2560			1.938/1.864A /1.899A /1.935A /1.971A /2.007A /2.190A /2.385A /2.385A /2.789A /3.211A 3.6198/3.429A	1.938/1.864A /1.899A /1.935A /1.971A /2.007A /2.190A /2.385A /2.789A /2.789A /3.211A 3.6198/3.429A		2.054 - 0.108 2.092 - 0.108 2.167 - 0.109	.6888					1 2 4	UNCH UNCH UNCH
2575 2600			/2.190A /2.385A	/2.190A /2.385A		2.282 - 0.112 2.479 - 0.112	.7417					2 4 1	UNCH UNCH UNCH
2625 2650 2675			/2.789A /2.997A	/2.789A /2.997A		2.891 - 0.114 3.104 - 0.114	1 .7867 1 .8064					1 2	UNCH
2700 2725 2750	3.488 3.698	3.488 3.698	/3.211A 3.619B/3.429A 3.845B/3.650A	/3.211A 3.619B/3.429A 3.845B/3.650A		3.322 - 0.114 3.543 NEV 3.767 - 0.115	v .8403			1 1		1 1 + 2 +	
2800 2825			/4 102 •	/4.103A /4.332A		4.224 - 0.114 4.456 - 0.114	.8801 .8908					1 2	UNCH UNCH
2850 2875 2900			/4.103A /4.332A /4.565A /4.799A /5.035A /5.272A /5.510A /6.474A			4.690 - 0.114 4.925 - 0.114 5.162 - 0.114	.9097					2 1 1	UNCH UNCH UNCH
2925 2950			/5.272A /5.510A	/4.799A /5.035A /5.272A /5.510A /5.990A		5.400 - 0.114 5.640 - 0.114	1 .9248 1 .9313					2 1	UNCH UNCH
3000 3050 3075			/5.990A /6.474A /6.717A	/5.990A /6.474A /6.717A		6.122 - 0.114 6.608 - 0.114 6.852 - 0.114	1 .9516					2 2 2	UNCH UNCH UNCH
3100 3125						7.097 - 0.114 7.342 - 0.114	9591 9620					2 2	UNCH UNCH
3175 3200 3400			 			7.834 - 0.114 8.081 - 0.113 10.066 - 0.114	.9703					2 2 1	UNCH UNCH UNCH
TOTAL										93	0	5325 +	
MAY23 800 850						0.001 UNCF	.0000					1 15	UNCH UNCH
1100 1300 1325						0.002 + 0.003 0.006 + 0.003 0.006 UNC	L .0030					233 1	UNCH UNCH UNCH
1375 1400						0.007 - 0.003 0.008 - 0.003	L .0037 L .0042					1 7	UNCH UNCH
1475 1500 1525						0.011 - 0.002 0.012 - 0.003 0.014 - 0.003	.0067					227 1000 - 215	UNCH - 4 UNCH
1550 1575						0.016 - 0.007 0.018 - 0.007	2 .0089					40 19	UNCH UNCH
1600 1625 1650			 	 		0.020 - 0.003 0.022 - 0.004 0.025 - 0.004	.0127					2005 102 71	UNCH UNCH UNCH
1675 1700						0.028 - 0.003 0.032 - 0.003 0.036 - 0.003	.0187					119 1006 29	UNCH UNCH UNCH
1725 1750 1775						0.041 - 0.003 0.047 - 0.003	.0242					126 17	UNCH
1800 1825 1850			/0.057A /0.064A /0.073A	/0.057A /0.064A /0.073A		0.053 - 0.009 0.061 - 0.000 0.070 - 0.000	.0360					111 11 - 21	UNCH - 1 UNCH
1875 1900			/0.083A /0.094A	/0.083A /0.094A		0.080 - 0.007 0.092 - 0.008	7 .0471 3 .0539					147 50 -	UNCH - 3
1925 1950 1975	0.128 0.140	0.128 0.140	/0.108A 0.128/0.124A 0.140/0.140	/0.108A 0.128/0.124A 0.140/0.140		0.107 - 0.009 0.123 - 0.012 0.143 - 0.014	.0709			1 1		5 7 16 →	UNCH UNCH
2000 2025	0.165	0.165	0.166/0.164A /0.190A	0.166/0.164A /0.190A		0.165 - 0.018 0.192 - 0.020	3 .0928					172 + 1	+ 1 UNCH
2050 2075 2100	0.290	 0.290	/0.219A /0.252A 0.290/0.290	/0.219A /0.252A 0.290/0.290		0.222 - 0.024 0.257 - 0.023 0.297 - 0.033	7 .1373			 1		11 27 19 +	UNCH UNCH + 1
2125 2150			/0.335A /0.384A /0.440A	/0.335A /0.384A /0.440A		0.342 - 0.036 0.394 - 0.042 0.454 - 0.044	.1752 L .1968					5 49 70	UNCH
2175 2200 2225	0.527	0.527	0.527/0.503A /0.574A	0.527/0.503A /0.574A		0.520 - 0.049 0.594 - 0.054	2454 .2719			1		33 - 30	UNCH - 1 UNCH
2245 2250 2275			/*0.635A /0.652A /0.740A	/*0.635A /0.652A /0.740A		0.659 - 0.058 0.677 - 0.059 0.767 - 0.064	.2998					2 124 13	UNCH UNCH UNCH
2300 2325			/0.836A /0.939A	/0.836A /0.939A		0.867 - 0.068 0.975 - 0.073	3 .3584					189 5	UNCH UNCH
2350 2375 2400			/1.051A /1.172A /1.301A	/1.051A /1.172A /1.301A		1.091 - 0.078 1.216 - 0.082 1.350 - 0.086	.4500					107 22 130	UNCH UNCH UNCH
2425 2450			/1.438A /1.581A	/1.438A /1.581A		1.491 - 0.090 1.641 - 0.093	.5105 3 .5398					183	UNCH UNCH
2475 2500 2525			/1.733A /1.892A /2.058A	/1.733A /1.892A /2.058A		1.798 - 0.099 1.962 - 0.099 2.132 - 0.103	.5958					7 104 4	UNCH UNCH UNCH
2550 2575			/2.058A /2.231A /2.409A	/2.231A /2.409A		2.310 - 0.104 2.493 - 0.107	1 .6473 7 .6713					6 5	UNCH UNCH
2600 2625 2650			/2.594A /2.787A /2.983A	/2.594A /2.787A /2.983A		2.682 - 0.109 2.876 - 0.110 3.076 - 0.111	.7154					7 5 4	UNCH UNCH UNCH
2675 2700			/3.183A /3.387A /3.596A	/3.183A /3.387A		3.280 - 0.112 3.488 - 0.113	2 .7541 3 .7714					3	UNCH UNCH
2725 2750 2800			/3.809A /4.244A	/3.596A /3.809A /4.244A		3.699 - 0.115 3.915 - 0.114 4.354 - 0.116	.8028 .8296					6 1 1	UNCH UNCH UNCH
2850 2875			/4.689A /4.915A	/4.689A /4.915A		4.804 - 0.116 5.033 - 0.115 5.263 - 0.116	.8524					1 1 3	UNCH UNCH
2900 2950 2975			/5.144A /5.606A /5.840A	/5.144A /5.606A /5.840A		5.728 - 0.110 5.963 - 0.111	.8888					3 3	UNCH UNCH UNCH
3000 3025			/6.075A /6.311A	/6.075A /6.311A		6.200 - 0.114 6.437 - 0.114 6.675 - 0.114	9026					3 3	UNCH UNCH
3050			/6.548A THIS REPORT IS COMPI	/6.548A									UNCH

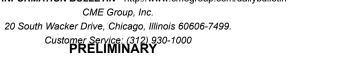
## **METALS OPTIONS PRODUCTS**

Side 33

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin









					PRELIMINAR	.Y 						
PG64	BULLET	IN # 19@		1	METALS OPTION PR	ODUCTS		OPEN		Jan 30,		PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DEL	EXER LTA CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
SO PUT		COMEX SILVER OF	PTIONS									
MAY23 3075 3125 3150 3175 3200 3225 3250 3275 3300 3325 3350	   	===== ===== ===== ===== ===== =====	/6.786A /7.265A /7.506A /7.748A /8.232A /8.476A /8.720A	/6.786A /7.265A /7.748A /7.990A /8.232A /8.720A 	    	7.396 - 0.112 1 7.680 - 0.111 .9 8.123 - 0.111 .9 8.366 - 0.111 .9 8.610 - 0.111 .9 8.854 - 0.112 .9 9.099 - 0.112 .9 9.344 - 0.112 .9 9.590 - 0.112 .9	9202 9295 9339 9381 9416 9453 9515 9543 9570				65 1 2 3 4 2 6 3 8 9	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
3375 3400						10.082 - 0.113 .9	9620 9642				10 12	UNCH
3425 3500							9664 9716		  7	 0	4 11 7064 -	UNCH UNCH 6
TOTAL JUN23										ŭ		
1575 1600 1675 1700 1725 1750 1775			    /0.077A /0.085A	    /0.077A /0.085A	   	0.037 - 0.002 .0 0.052 - 0.003 .0 0.058 - 0.003 .0 0.065 - 0.004 .0 0.073 - 0.005 .0	0160 0180 0255 0285 0320 0359				1 100 1 4 2 1 3	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
1800 1825			/0.096A /0.106A /0.120A	/0.096A /0.106A /0.120A		0.105 - 0.007 .0	)455 )512 )577				6 4 7	UNCH
1850 1875 1900			/0.120A /0.135A /0.152A	/0.120A /0.135A /0.152A		0.134 - 0.010 .0	)646 )727				4 13	UNCH UNCH UNCH
1925 1950			/0.172A /0.195A	/0.172A /0.195A		0.195 - 0.015 .0	0815 0914				3 57	UNCH
2000 2025 2050			/0.248A /0.281A /0.318A	/0.248A /0.281A /0.318A		0.285 - 0.022 .1	1146 1280 1424				407 2 10	UNCH UNCH UNCH
2075 2100			/0.360A /0.406A	/0.360A /0.406A		0.365 - 0.029 .1	1583 1753		 1		16 101 +	UNCH 1
2175 2200			/0.576A /0.645A	/0.576A /0.645A		0.661 - 0.049 .2	2341				2 7	UNCH
2225 2250 2275			/0.721A /0.803A /0.895A	/0.721A /0.803A /0.895A		0.826 - 0.057 .3	2786 3023 3267				34 24 7	UNCH UNCH UNCH
2300 2400	1.030	1.030	1.030/0.992A /1.453A	1.030/0.992A /1.453A		1.019 - 0.066 .3 1.494 - 0.082 .4	3516 1538		10		19 + 2	10 UNCH
2425 2450			/1.586A /1.726A	/1.586A /1.726A		1.774 - 0.090 .5	1791 5041		1		25 218 +	UNCH 1
2475 2525 2575			/1.872A /2.183A /2.518A	/1.872A /2.183A /2.518A		2.243 - 0.099 .5	5285 5755 5193				2 3 2	UNCH UNCH UNCH
2600 2650			/2.693A /3.059A	/2.693A /3.059A		2.764 - 0.108 .6 3.137 - 0.111 .6	5400 5785				5 2	UNCH
2675 2700			/3.249A /3.443A	/3.249A /3.443A		3.529 - 0.113 .7	5964 7133				2 2	UNCH
2725 2750 2800			/3.641A /3.844A /4.259A	/3.641A /3.844A /4.259A		3.936 - 0.114 .7	7294 7444 7720				2 4 1	UNCH UNCH UNCH
2825 3175			/4.470A /7.648A	/4.470A /7.648A		4.571 - 0.114 .7 7.768 - 0.114 .8	7848 8994				2 2	UNCH
3225 3325			/8.123A /9.081A	/8.123A /9.081A		9.205 - 0.113 .9	9088 9250				2 1 2	UNCH
3350 TOTAL			/9.322A	/9.322A		9.447 - 0.113 .9	9286		12	0	1114 +	UNCH 12
JUL23 725						0.001 - 0.001 .0	7002				263	UNCH
1050 1100						0.009 - 0.001 .0	0026 0034 0051				157 1 9	UNCH UNCH UNCH
1200 1400 1500						0.027 - 0.001 .0	)113 )167				102	UNCH UNCH
1525 1550						0.044 - 0.001 .0 0.048 - 0.002 .0	)188 )207				6	UNCH UNCH
1600 1625						0.067 - 0.003 .0	)259 )289 )323				42 42 42	UNCH UNCH UNCH
1650 1675 1700			/0.087A /0.097A	/0.087A /0.097A		0.083 - 0.005 .0	)358 )399				171 148	UNCH
1725 1750			/0.107A /0.119A	/0.107A /0.119A		0.117 - 0.007 .0	)445 )498				2 52	UNCH
1800 1825 1850			/0.147A /0.164A /0.182A	/0.147A /0.164A /0.182A		0.164 - 0.010 .0	0615 0685 0759				27 10 132	UNCH UNCH UNCH
1875 1900			/0.204A /0.228A	/0.204A /0.228A		0.205 - 0.014 .0 0.230 - 0.015 .0	)842 )935				14 8	UNCH
1950 2000			/0.285A /0.356A	/0.285A /0.356A		0.360 - 0.024 .1	1143 1389				3 157	UNCH
2050 2075 2100			/0.443A /0.493A /0.548A	/0.443A /0.493A /0.548A		0.500 - 0.032 .1	L674 L831 L998				143 1 63	UNCH UNCH UNCH
2125 2150			/0.608A /0.674A	/0.608A /0.674A		0.619 - 0.039 .2 0.687 - 0.042 .2	2175 2360				31 76	UNCH UNCH
2200 2225	1.027	 1.027	/0.823A /0.906A 1.027/0.999A	/0.823A /0.906A 1.027/0.999A		0.927 - 0.053 .2	2754 2962 3175		 10		115 14 45	UNCH
2250 2300 2325			/1.199A /1.309A	/1.199A /1.309A		1.226 - 0.065 .3	3175 3613 3836				103 7	UNCH UNCH UNCH
2350 2400			/1.425A /1.677A	/1.425A /1.677A		1.716 - 0.080 .4	1061 1509				40 71	UNCH
2425 2450 2475			/1.812A /1.953A /2.100A	/1.812A /1.953A /2.100A		1.998 NEW .4	1730 1947 5160		2		30 0 69	UNCH UNCH UNCH
2500 2600			/2.252A /2.912A	/2.252A /2.912A		2.304 - 0.094 .5 2.978 - 0.105 .6	3368 3143				62 26	UNCH UNCH
2650 2700			/3.271A /3.646A /4.646A	/3.271A /3.646A /4.646A		3.725 - 0.111 .6	5490 5809 7488				1 1	UNCH
2825 3150 3200			/7.518A /7.982A	/7.518A /7.982A		7.631 - 0.115 .8	7488 3614 3729				1 1 1	UNCH UNCH UNCH
3300 3400			/8.922A /9.873A	/8.922A /9.873A		9.039 - 0.115 .8 9.994 - 0.114 .9	3925 9087				2 1	UNCH UNCH
3425 3475			/10.113A /10.594A /10.835A	/10.113A /10.594A /10.835A		10.716 - 0.113 .9	9122 9185 9217				1 1 1	UNCH UNCH UNCH
3500 3525 3550			/11.077A /11.318A	/11.077A /11.318A		11.199 - 0.114 .9	9248 9275				2 1	UNCH
3575 3600			/11.561A /11.804A	/11.561A /11.804A		11.685 - 0.114 .9 11.929 - 0.113 .9	9300 9327				2	UNCH UNCH
3625 3650 3675			/12.047A /12.291A /12.535A	/12.047A /12.291A /12.535A	 	12.417 - 0.113 .9	9351 9372 9396				2 5 3	UNCH UNCH UNCH
3700 3725			/12.780A	/12.780A		12.907 - 0.113 .9	9416 9436				5 2	UNCH
TOTAL						0.113 .3			12	0	2324	0
SEP23 1400							)182 )326				300 5	UNCH UNCH
1550 1650 1750			 /0.210A	 /0.210A		0.138 - 0.006 .0 0.205 - 0.009 .0	0479 0695				100 1	UNCH UNCH UNCH
1800 1825			/0.254A /0.280A	/0.254A /0.280A		0.249 - 0.012 .0 0.275 - 0.013 .0	)832 )910				100 19	UNCH UNCH
1950 2050 2075	0.689	 0.689	/0.448A /0.645A 0.689/0.689	/0.448A /0.645A 0.689/0.689	 	0.646 - 0.035 .1	1392 1900 2043		 1		2 44 1 +	UNCH UNCH 1
2100 2125			/0.770A /0.839A	/0.770A /0.839A		0.773 - 0.041 .2 0.843 - 0.046 .2	2193 2348				100 12	UNCH UNCH
2150 2175			/0.913A /0.993A	/0.913A /0.993A		0.919 - 0.049 .2	2510 2676				4 8	UNCH
THE TN	IFORMATTON	CONTAINED IN TH	IS REPORT IS COMPI	LED FOR THE CONVEN	NTENCE OF THE USER AL	ND IS FURNISHED WITHOU	T RESPONSIE	ILITY FOR	ACCURAC	Y OR CONTE	NT. IT	

## **METALS OPTIONS PRODUCTS**

Side 34

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin







# CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 PRELIMINARY

PG64	RIII FT	IN # 19@			METALS OPTION P	RODUCTS			Mon	Jan 30,	2023 P	PG64
1 00 1	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT.PRICE	EXER	OPEN OUTCRY	GLOBEX®	PNT		PEN
SO PU	OPEN T	OPEN RANGE  COMEX SILVER O	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE. DELTA	CISES	VOLUME	VOLUME	VOLUME	INIEK	ESI
SEP23 2200			/1.078A	/1.078A		1.087 - 0.056 .2847						UNCH
2250 2300 2375			/1.268A /1.477A /1.830A	/1.268A /1.477A /1.830A		1.277 - 0.063 .3200 1.489 - 0.071 .3564 1.850 - 0.081 .4117					1 1	UNCH UNCH UNCH
2425 2450 2525			/2.092A /2.232A /2.677A	/2.092A /2.232A /2.677A		2.117 - 0.088 .4484 2.259 - 0.091 .4665 2.712 - 0.100 .5187					60	UNCH UNCH UNCH
2675 2750			/3.684A /4.237A /4.622A	/3.684A /4.237A /4.622A		3.735 - 0.114 .6122 4.295 - 0.120 .6527 4.684 - 0.122 .6775					10 1	UNCH UNCH UNCH
2800 2850 3500			/5.018A /10.791A	/5.018A /10.791A		5.084 - 0.124 .7004 10.889 - 0.133 .8747					1 3	UNCH UNCH
4000 TOTAL			/15.601A	/15.601A		15.710 - 0.133 .9274			1	0	2 847 +	UNCH 1
DEC23 1000 1350						0.025 UNCH .0068 0.088 - 0.003 .0248						UNCH UNCH
1375 1500 1600						0.096 - 0.003 .0270 0.144 - 0.005 .0406 0.202 - 0.007 .0564					1	UNCH UNCH UNCH
1800 1825			/0.416A /0.452A	/0.416A /0.452A		0.405 - 0.012 .1061 0.441 - 0.014 .1143					50 5	UNCH UNCH
1850 1900 2000			/0.490A /0.576A /0.788A	/0.490A /0.576A /0.788A		0.480 - 0.015 .1230 0.567 - 0.020 .1417 0.783 - 0.030 .1849					30 61	UNCH UNCH UNCH
2025 2100 2200			/0.850A /1.062A /1.405A	/0.850A /1.062A /1.405A		0.846 - 0.034 .1967 1.062 - 0.042 .2349 1.410 - 0.055 .2902					2	UNCH UNCH UNCH
2225 2275			/1.502A /1.716A /2.186A	/1.502A /1.716A /2.186A		1.509 - 0.057 .3047 1.719 - 0.064 .3340 2.195 - 0.076 .3937					20 1	UNCH UNCH UNCH
2375 2400 2425			/2.166A /2.315A /2.448A /2.727A	/2.315A /2.448A		2.325 - 0.078 .4087 2.459 - 0.082 .4235					9 7	UNCH UNCH
2475 2500 2525	2.850	2.850	2.850/2.850 /3.021A	/2.727A 2.850/2.850 /3.021A		2.740 - 0.087 .4529 2.887 - 0.090 .4672 3.038 - 0.092 .4813			2		18 + 6	UNCH 2 UNCH
2600 3000 3275			/3.491A /6.447A /8.780A	/3.491A /6.447A /8.780A		3.514 - 0.098 .5220 6.508 - 0.120 .6920 8.860 - 0.125 .7681					13	UNCH UNCH UNCH
TOTAL JUL24			,	,					2	0	628 +	2
1800 TOTAL						0.470 - 0.010 .1086					12 12	UNCH 0
SO1 C FEB23 2150		SILVER OPTIONS				2.236 + 0.104 .9946					1	UNCH
2175 2225 2250	1.425 1.340	1.425 1.340	1.656B/1.414A 1.419B/1.182A	1.656B/1.414A 1.419B/1.182A		1.990 + 0.102 .9898 1.504 NEW .9639 1.269 + 0.080 .9383			 3 1			UNCH 3 1
2275 2300	1.109	1.109	1.191B/0.960A 0.973B/0.755A	1.191B/0.960A 0.973B/0.755A		1.043 + 0.066 .8953 0.832 + 0.050 .8291			2 		3 + 2	2 UNCH
2325 2330 2335	0.637	0.637	0.775B/0.576A 0.682B/0.544A 0.646B/0.513A	0.775B/0.576A 0.682B/0.544A 0.646B/0.513A		0.607 + 0.030 .7158 0.573 + 0.027 .6938			 2		2 4 +	UNCH UNCH 2
2340 2345 2350	0.604 	0.604 	0.634B/0.485A 0.630B/0.452A 0.604B/0.424A	0.634B/0.485A 0.630B/0.452A 0.604B/0.424A	 	0.540 + 0.023 .6710 0.508 + 0.020 .6476 0.477 + 0.017 .6236			2 			UNCH UNCH
2355 2360 2365	0.502	 0.502	0.565B/0.397A 0.532B/0.371A 0.502/0.346A	0.565B/0.397A 0.532B/0.371A 0.502/0.346A		0.447 + 0.013 .5991 0.418 + 0.009 .5740 0.391 + 0.007 .5488			 2			UNCH UNCH 2
2370 2375	0.351	0.351	0.474B/0.322A 0.445B/0.300A 0.419B/0.279A	0.474B/0.322A 0.445B/0.300A		0.364 + 0.003 .5234 0.339 UNCH .4978			 		6 +	4 UNCH
2380 2385 2390	0.303 0.337	0.303 0.337	0.393B/0.258A 0.368B/0.239A	0.419B/0.279A 0.393B/0.258A 0.368B/0.239A		0.293 - 0.005 .4469 0.271 - 0.008 .4216			100 28		100 + 20 +	96 6
2400 2410 2420	0.265 0.255 0.220	0.265 0.255 0.220	0.332B/0.205A 0.290B/0.175A 0.252B/0.148A	0.332B/0.205A 0.290B/0.175A 0.252B/0.148A		0.232 - 0.012 .3728 0.198 - 0.014 .3266 0.169 - 0.015 .2841			15 2 1		238 - 45 + 144	6 2 UNCH
2425 2430 2440	0.209	0.209	0.235B/0.137A 0.218B/0.126A 0.185B/0.107A	0.235B/0.137A 0.218B/0.126A 0.185B/0.107A		0.156 - 0.016 .2642 0.143 - 0.017 .2446 0.122 - 0.016 .2103			41 			39 UNCH UNCH
2445 2450			0.174B/0.099A 0.161B/0.091A 0.148B/0.084A	0.174B/0.099A 0.161B/0.091A 0.148B/0.084A		0.112 - 0.017 .1940 0.103 - 0.017 .1789			3		17 170 +	UNCH 2
2455 2460 2465			0.135B/0.077A 0.126B/0.071A	0.135B/0.077A 0.126B/0.071A		0.087 - 0.016 .1516					19 6	UNCH UNCH UNCH
2470 2475 2480			0.116B/0.066A 0.107B/0.060A 0.097B/*0.052A	0.116B/0.066A 0.107B/0.060A 0.097B/*0.052A	 	0.073 - 0.016 .1274 0.067 - 0.016 .1167 0.062 - 0.015 .1075					84	UNCH UNCH UNCH
2485 2495 2500	0.049	0.049	0.090B/0.051A 0.075B/0.044A 0.069B/0.041A	0.090B/0.051A 0.075B/0.044A 0.069B/0.041A		0.057 - 0.014 .0985 0.047 - 0.014 .0810 0.043 - 0.014 .0738			20		30	UNCH UNCH UNCH
2510 2515			0.058B/*0.034A 0.054B/*0.032A 0.046B/*0.028A	0.058B/*0.034A 0.054B/*0.032A 0.046B/*0.028A		0.036 - 0.013 .0611 0.033 - 0.012 .0556					3 6	UNCH UNCH UNCH
2525 2530 2535			0.041B/*0.025A 0.038B/*0.024A	0.041B/*0.025A 0.038B/*0.024A		0.024 - 0.012 .0399					22 1	UNCH UNCH
2550 2575 2600	0.012	 0.012	0.029B/*0.019A /*0.013A 0.014/*0.007	0.029B/*0.019A /*0.013A 0.014/*0.007	 	0.016 - 0.011 .0258 0.010 - 0.009 .0152 0.007 - 0.006 .0099			 9		66 11 25 +	UNCH UNCH 5
2625 2650 2675	0.006  0.005	0.006  0.005	0.010/*0.006 /0.005A 0.005/*0.003	0.010/*0.006 /0.005A 0.005/*0.003	 	0.005 - 0.004 .0066 0.004 - 0.003 .0049 0.003 - 0.002 .0034			37  6		26 + 16 50 -	23 UNCH 6
2700 2725 TOTAL			/*0.003A 	/*0.003A 		0.003 - 0.001 .0031 0.002 - 0.001 .0019			 282	 0		UNCH UNCH 175
SO1 P FEB23	UT	SILVER OPTIONS							-3-	j		
2075 2100						0.001 - 0.002 .0003 0.001 - 0.004 .0011 0.002 - 0.005 .0024						UNCH UNCH UNCH
2125 2150 2175	0.004 0.008	0.004 0.008	0.004/*0.004 0.008/*0.007	0.004/*0.004 0.008/*0.007		0.004 - 0.00/ .0053			1 2		21 + 57 +	1 1
2200 2225 2250	0.037	0.037	/0.016A /0.024A 0.037/0.037	/0.016A /0.024A 0.037/0.037		0.013 - 0.014 .0201 0.022 - 0.021 .0360 0.036 - 0.032 .0616			 1		4 10	UNCH UNCH UNCH
2255 2265 2270			/0.041A /0.049A /0.054A	/0.041A /0.049A /0.054A		0.040 - 0.034 .0688 0.049 - 0.039 .0851					1 16	UNCH UNCH UNCH
2275 2280 2285			/0.059A /0.064A /0.071A	/0.059A /0.064A /0.071A		0.060 - 0.045 .1046 0.067 - 0.048 .1165			 2		83	UNCH UNCH 2
2290 2295			/0.077A /0.084A	/0.077A /0.084A		0.081 - 0.055 .1410 0.090 - 0.058 .1558					16 9	UNCH UNCH
2300 2305 2310	0.104  0.150	0.104  0.150	0.104/0.091A /0.100A 0.156B/0.109A	0.104/0.091A /0.100A 0.156B/0.109A		0.099 - 0.061 .1708 0.109 - 0.065 .1870 0.120 - 0.068 .2044			1 1 10		29 +	UNCH 8
2315 2320 2325	0.200	 0.200	/0.119A /0.130A 0.200/0.142A	/0.119A /0.130A 0.200/0.142A		0.132 - 0.071 .2229 0.145 - 0.075 .2423 0.159 - 0.078 .2628			 3			UNCH UNCH 1
2330 2335 2340			/0.155A /0.168A	/0.155A /0.168A /0.183A		0.174 - 0.081 .2841 0.190 - 0.084 .3061					43 12	UNCH UNCH UNCH
2345 2350	0.233	0.233	/0.183A /0.199A 0.260/0.216A /0.232A	/0.199A 0.260/0.216A /0.232A		0.225 - 0.091 .3523 0.244 - 0.095 .3763 0.264 - 0.098 .4008			 11		12 25 +	UNCH 1
2355 2360 2365	0.281	0.281	0.281/0.251A /0.272A	0.281/0.251A /0.272A		0.286 - 0.101 .4259 0.308 - 0.104 .4511			3		41 + 18	UNCH 3 UNCH
2370 2375 2380	0.343	0.343	/0.294A 0.421B/0.317A /0.340A	/0.294A 0.421B/0.317A /0.340A		0.332 - 0.107 .4765 0.356 - 0.111 .5021 0.382 - 0.114 .5277			6 4 			4 4 UNCH
2385 2390 2400			/0.364A /0.389A /0.443A	/0.364A /0.389A /0.443A		0.410 - 0.116 .5530 0.438 - 0.118 .5783 0.499 - 0.122 .6271					29	UNCH UNCH UNCH

SO3 PUT

0.170 0.325 ----

SILVER OPTIONS

SILVER OPTIONS

0.170 0.325 --------

0.170/0.170 0.345B/0.290A ----/0.353A ----/0.370A ----/0.510A ----/0.533A ----/0.559A

0.170/0.170 0.345B/0.290A ----/0.353A ----/0.467A ----/0.510A ----/0.533A ----/0.559A

#### **METALS OPTIONS PRODUCTS**

2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





181 +

1 14 UNCH UNCH UNCH UNCH UNCH UNCH 15

64

20 South Wacker Drive, Chicago, Illinois 60606-7499.

			Cu	stomer Service: (312 PRELIMINAF	) 930-1000 <b>XY</b>					
G64 BULLET	ΓΙΝ # 19@		М	ETALS OPTION PR	RODUCTS		OPEN	Mon,	Jan 30,	2023 PG
GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE. DELTA	EXER CISES	OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPE INTERES
1 PUT :B23	SILVER OPTIONS	S								
105 0.560	0.560	0.560/0.471A /0.530A	0.560/0.471A /0.530A		0.532 - 0.123 .6503 0.600 - 0.125 .6950			3		9 + 3 U
20		/0.562A	/0.562A		0.636 - 0.126 .7158					7 Ū
5 0		/0.595A /0.629A	/0.595A /0.629A		0.672 - 0.127 .7357 0.710 - 0.127 .7553					1 U 4 U
10 15		/0.708A /0.785A	/0.708A /0.785A		0.788 - 0.128 .7896 0.829 - 0.127 .8059					2 U 7 U
0	1.077	/0.775A 1.167B/0.974A	/0.775A 1.167B/0.974A		0.870 - 0.127 .8210 1.084 NEW .8832			 2		4 U
5		/1.192A	/1.192A		1.264 - 0.124 .9189					2 + 8 U
00 1.222 25 1.521	1.222 1.521	1.398B/1.189A 1.635B/1.416A	1.398B/1.189A 1.635B/1.416A		1.310 NEW .9261 1.543 - 0.123 .9548			4 4		4 + 8 +
50 1.743 75	1.743	1.859B/1.649A /1.889A	1.859B/1.649A /1.889A		1.783 - 0.121 .9741 2.026 - 0.119 .9847			10		11 + 1 U
00					2.273 - 0.117 .9900 2.770 - 0.113 .9950					1 U
AL CALL	SILVER OPTIONS	=						68	0	1190 +
323	SILVER OPTIONS	2.163B/	2.163B/		2.016 + 0.096 .9483					1 U
5		1.697B/1.468A	1.697B/1.468A		1.552 + 0.079 .8980					2 U
) 5		1.477B/1.253A 1.035B/	1.477B/1.253A 1.035B/		1.333 + 0.068 .8589 0.971 + 0.045 .7581					1 U 2 U
; )		0.958B/ 0.847B/0.678A	0.958B/ 0.847B/0.678A		0.898 + 0.040 .7305 0.729 + 0.027 .6550					2 U 2 U
		0.823B/0.646A 0.722B/0.559A	0.823B/0.646A 0.722B/0.559A		0.697 + 0.024 .6388 0.608 + 0.017 .5892					7 U
		0.606B/0.461A 0.580B/0.438A	0.606B/0.461A 0.580B/0.438A		0.502 + 0.010 .5210					10 U
		0.529B/0.396A	0.529B/0.396A		0.431 + 0.004 .4699					20 U
) )		0.504B/0.375A 0.466B/0.335A	0.504B/0.375A 0.466B/0.335A		0.409 + 0.003 .4530 0.368 UNCH .4197					10 U 3 U
) ;		0.383B/0.269A 0.364B/0.254A	0.383B/0.269A 0.364B/0.254A		0.296 - 0.004 .3562 0.279 - 0.006 .3408					7 U 300 U
j		0.345B/0.240A	0.345B/0.240A		0.264 - 0.006 .3261					2 U
; )		0.328B/0.227A 0.311B/0.215A	0.328B/0.227A 0.311B/0.215A		0.249 - 0.007 .3115 0.235 - 0.008 .2974					1 U 3 U
) )		0.279B/0.192A 0.224B/0.152A	0.279B/0.192A 0.224B/0.152A		0.210 - 0.008 .2709 0.165 - 0.010 .2217			2		3 + 48 U
		0.211B/0.144A 0.158B/0.106A	0.211B/0.144A 0.158B/0.106A		0.156 - 0.010 .2109 0.115 - 0.010 .1615					6 U
0.083	0.083	0.104 B/0.071 A	0.104B/0.071A		0.076 NEW .1103			10		10 +
0.069 )	0.069 	0.087B/0.060A	0.087B/0.060A 		0.063 - 0.009 .0926 0.006 - 0.003 .0080 0.005 - 0.002 .0065			10 		32 U 8 U 14 U
AL					0.003 - 0.002 .0003			22	0	14 U 514 +
2 PUT 323	SILVER OPTIONS									
25 75		/*0.005A 	/*0.005A 		0.004 - 0.004 .0056 0.008 - 0.005 .0116					15 U 3 U
0 5		/0.016A /0.020A	/0.016A /0.020A		0.012 - 0.006 .0175 0.017 - 0.008 .0251					3 U 2 U
5		/0.036A /0.050A	/0.036A		0.035 - 0.015 .0515					2 U
š		/0.070A	/0.050A /0.070A		0.071 - 0.031 .1019					14 U
0 5		/0.099A /0.137A	/0.099A /0.137A		0.101 - 0.043 .1410 0.144 - 0.055 .1923					7 U 3 U
5 0		/0.156A /0.166A	/0.156A /0.166A		0.165 - 0.061 .2160 0.177 - 0.063 .2288					3 U
ŏ		/0.189A	/0.189A		0.202 - 0.069 .2553					253 U
·		/0.201A /0.214A	/0.201A /0.214A		0.216 - 0.071 .2694 0.230 - 0.074 .2836			2		2 U 5 +
5 5		/0.227A /0.257A	/0.227A /0.257A		0.246 - 0.076 .2987 0.279 - 0.081 .3293					2 U 21 U
0 0		/0.274A /0.309A	/0.274A /0.309A		0.296 - 0.084 .3449 0.334 - 0.089 .3774					1 U
5		/0.327A	/0.327A		0.354 - 0.092 .3939					4 U
0 0.360 0	0.360	0.377/0.347A /0.387A	0.377/0.347A /0.387A		0.375 - 0.094 .4107 0.420 - 0.098 .4446			131		131 + 3 U
0 5 0.508	0.508	/0.433A 0.508/0.498A	/0.433A 0.508/0.498A		0.469 - 0.101 .4789 0.548 NEW .5300			110		28 U 110 +
5 0 0.627	0.627	/0.557A 0.649/0.584A	/0.557A 0.649/0.584A		0.605 - 0.109 .5636 0.635 - 0.111 .5801			3		10 U
5		/0.612A	/0.612A		0.665 - 0.112 .5964					1 U
5 5		/0.732A /0.934A	/0.732A /0.934A		0.796 - 0.116 .6591 1.014 - 0.119 .7418					2 U 12 U
5 0 1.822	1.822	/1.488A 1.914B/1.707A	/1.488A 1.914B/1.707A		1.600 - 0.121 .8772 1.828 NEW .9073			3		2 U 3 +
5		/2.406A /2.647A	/2.406A /2.647A		2.542 - 0.116 .9586 2.786 - 0.115 .9689					2 U
AL CALL	SILVER OPTIONS		•					249	0	700 +
323 00		1.163B/0.979A	1.163B/0.979A		1.044 + 0.045 .7000					2 U
60 0.765 75 0.617	0.765 0.617	0.847B/0.689A 0.703B/0.569A	0.847B/0.689A 0.703B/0.569A		0.736 + 0.024 .5743 0.607 + 0.014 .5080			1 2		4 + 4 +
30	0.572	0.678B/0.548A	0.678B/0.548A 0.584B/0.466A		0.584 + 0.013 .4948 0.496 + 0.007 .4424			<u>-</u> 2		20 U 158 U
0		0.584B/0.466A 0.394B/0.302A	0.394B/0.302A		0.323 - 0.003 .3214					30 U
70		0.331B/0.252A 0.317B/0.242A	0.331B/0.252A 0.317B/0.242A		0.270 - 0.005 .2788 0.258 - 0.005 .2688					50 U
80 TAL		0.303B/0.231A	0.303B/0.231A		0.247 - 0.005 .2592			 5	0	1 U 269 +
-										

0.183 0.312 0.380 0.399 0.503 0.549 0.574 0.599

0.046 0.066 0.075 0.077 0.087 0.091 0.092 0.094

.1953 .2999 .3482 .3609 .4256 .4520 .4653 .4785

----

1 22 ------------23

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.



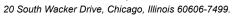
Customer Service: (312) 930-1000 PRELIMINARY

					PRELIMINAR	K I								
PG64	BULLET	IN # 19@		ME	ETALS OPTION PR	RODUCTS					Mon,	Jan 30,	2023	PG64
	GLOBEX	OPEN OUTCRY	GLOBEX	OPEN OUTCRY	OPEN OUTCRY	SETT.PRICE			EXER	OPEN OUTCRY	GLOBEX®			OPEN
	OPEN	OPEN RANGE	HIGH/LOW	HIGH/LOW	CLOSE RANGE	& PT.CHGE.		DELTA	CISES	VOLUME	VOLUME	VOLUME	INIE	EREST
SO4 CA	ALL	SILVER OPTIONS												
2425 2430						0.000	UNCH UNCH						0	UNCH UNCH
2440 2455						0.000 0.000	UNCH UNCH						0	UNCH UNCH
2515 2525						0.000 0.000	UNCH UNCH						0	UNCH UNCH
2550 TOTAL						0.000	UNCH					0	0	UNCH 0
FEB23														
2450 TOTAL	0.520	0.520	#0.520/*0.459A	#0.520/*0.459A		0.485	NEW	.3912			1 1	0	1 + 1 +	1 1
S04 PL	JT	SILVER OPTIONS												
JAN23 2305						0.000	UNCH						0	UNCH
2320 2325						0.000	UNCH						0	UNCH
2330 2335						0.000	UNCH						0	UNCH
2340 2345						0.000	UNCH						0 0 0	UNCH
2350 2355						0.000	UNCH						0	UNCH
2360 2365						0.000 0.028 0.078	UNCH						0	UNCH
2370						0.128 0.178	UNCH						0	UNCH
2380						0.228 0.278	UNCH UNCH UNCH						0	UNCH UNCH UNCH
2390 2395						0.328 0.378	UNCH						0	UNCH
2400 2405 2410						0.428 0.478	UNCH						0	UNCH
2410 2425 2430						0.628 0.678	UNCH						0	UNCH
2445 2450 2450						0.828 0.878	UNCH						0	UNCH
2475 2480						1.128 1.178	UNCH						0	UNCH
2485 2490						1.228 1.278	UNCH						0	UNCH
2495 2500						1.328 1.378	UNCH						0	UNCH
2575 2625						2.128	UNCH						0	UNCH
TOTAL												0	0	0
SWW WE FEB23	ĒD	SILVER WEEKLY W	EDNESDAY OPTION WE	EEK										
2200 2200						0.001 -	0.108 0.004	.9992 .0007					1 10	UNCH UNCH
2200 2225			/0.035A 1.679B/1.447A	/0.035A 1.679B/1.447A		1.533 +	0.020 0.084	.0544 .9192					84 2	UNCH UNCH
2225 2225			/0.051A	/0.051A		0.051 -	0.104	.9980 .0807					2 1	UNCH
2245 2250			/0.010A 1.452B/1.226A	/0.010A 1.452B/1.226A		1.308 +	0.012	.0063 .8823					2	UNCH
2250 2260	0.007	0.007	0.008/*0.007 /*0.011A	0.008/*0.007 /*0.011A		0.008 -	0.014	.0080					12 + 6	UNCH
2270 2275			/*0.014A 1.148B/0.906A	/*0.014A 1.148B/0.906A		0.995 +	0.023	.0180					6 2	UNCH
2275 2285			/0.196A /*0.019A	/0.196A /*0.019A		0.017 -	0.057	.2293					1 1	UNCH
2290 2295			/*0.022A /0.026A	/*0.022A /0.026A		0.024 -	0.036	.0391			4		1 6 +	UNCH 1
2300 2300	0.025	0.025	0.910B/0.675A 0.025/*0.025 /0.257A	0.910B/0.675A 0.025/*0.025		0.028 -	0.068	.9412			1		20 <u>1</u>	UNCH
2300 2310			/0.237A /0.037A /0.043A	/0.257A /0.037A /0.043A		0.038	0.068 NEW 0.058	.2876 .0848 .1009			4		7 4 + 6	UNCH 4 UNCH
2315			/0.189A /0.049A	/0.189A /0.049A		0.205 -	0.038	.2794					2	UNCH
2320			/0.217A /0.232A	/0.217A /0.232A		0.236 -	0.077	.3126					100 21	UNCH
2330	0.417	0.417	0.421B/0.353A 0.503B/0.358A	0.421B/0.353A 0.503B/0.358A		0.378	NEW 0.026	.3659			7		7 +	7 UNCH
2340 2340 2340	0.091	0.091	/0.390A 0.091/0.077A	/0.390A 0.091/0.077A			0.086 NEW	.3935					1 3 +	UNCH
2340 2345			0.747B/0.567A /0.407A	0.747B/0.567A /0.407A		0.622 +	0.026	.6344					4 31	UNCH
2345 2345			0.464B/0.329A 0.779B/0.673A	0.464B/0.329A 0.779B/0.673A		0.386 +	0.020	.7423					3 19	UNCH
2350 2350	0.142	0.142	0.143/0.099A /0.302A	0.143/0.099A /0.302A		0.117 -	0.097	.2938			2		54 + 42	1 UNCH
2350 2350			0.485B/0.292A /0.427A	0.485B/0.292A /0.427A		0.350 + 0.461 -	0.014 0.090	.7061 .4217					1 20	UNCH UNCH
2360 2360	0.398	0.398	/0.341A 0.408/0.237A	/0.341A 0.408/0.237A		0.373 - 0.285	0.096 NEW	.4403 .6239			4		2 4 +	UNCH 4
2360 2360	0.564 0.197	0.564 0.197	0.650B/0.561A 0.211B/0.127A	0.650B/0.561A 0.211B/0.127A		0.603 0.152	NEW NEW	.4538 .3760			3 3		3 + 3 +	3
2365 2365	0.366	0.366	/0.141A 0.378B/0.212A	/0.141A 0.378B/0.212A		0.255	0.112 NEW	.4205			3		1 3 +	UNCH 3
2370 2375			/0.385A /0.408A	/0.385A /0.408A		0.446 -	0.102	.4785					3 3	UNCH
2375 2380	0.202	0.202	/0.185A 0.287B/0.144	/0.185A 0.287B/0.144		0.179 -	0.122	.5121			 8 70		101 22	UNCH
2385	0.406	0.406	0.479B/0.348A /0.457A	0.479B/0.348A /0.457A			0.108	.4639			70 		70 + 6	70 UNCH
2390 2395	0.225	0.225	0.244B/0.117A 0.221B/0.101A	0.244B/0.117A 0.221B/0.101A		0.138 0.121	NEW	.3529			10 8		9 + 8 +	9 8 1
2400 2400			0.543B/0.423A 0.419B/0.291A	0.543B/0.423A 0.419B/0.291A		0.455 0.320 -	0.003	.4363			1 		1 + 1	UNCH
2400 2400			0.199B/0.088A /0.309A	0.199B/0.088A /0.309A		0.372 -	0.022 0.134	.2735			2 		374 31	UNCH UNCH 1
2410 2415	0.091	0.091  0.111	0.161B/0.070A /0.405A 0.128B/0.055A	0.161B/0.070A /0.405A 0.128B/0.055A			0.134	.2054 .8226 .1520			1 		1 + 4 12 ±	UNCH 5
2420 2425	0.111	0.111 	0.128B/0.055A /0.478A 0.317B/0.212A	0.128B/0.055A /0.478A 0.317B/0.212A		0.570 -	0.023 0.134 0.009	.1520 .8703 .3206			6 		12 + 2 100	UNCH UNCH
2425 2430 2435	0.080	0.080	0.101B/*0.043A /0.603A	0.31/B/0.212A 0.101B/*0.043A /0.603A		0.046	NEW 0.132	.1100			1		100	UNCH UNCH
2435 2440 2445			0.266B/0.175A 0.372B/0.278A	0.266B/0.175A 0.372B/0.278A		0.193 -	0.011	.2739			 1		3 1	UNCH
2445 2450 2450	0.031	0.031	0.060B/*0.027A /0.680A	0.060B/*0.027A /0.680A		0.028	NEW 0.129	.0588			1		1 +	UNCH
2450 2450 2450			0.233B/0.154A 0.356B/0.265A	0.233B/0.154A 0.356B/0.265A		0.169 -	0.012	.2451					2 1	UNCH
2450 2465 2470			0.041B/*0.020A 0.295B/0.219A	0.041B/*0.020A 0.295B/0.219A		0.019 -	0.004 0.014 0.006	.0357					3 1	UNCH
2470 2470 2475			0.036B/*0.017A /0.904A	0.036B/*0.017A /0.904A		0.017 -	0.013 0.123	.0307					18 3	UNCH
2475 2475 2500	0.007	0.007	0.032B/*0.016A 0.007/*0.007	0.032B/*0.016A 0.007/*0.007		0.015 -	0.012	.0260			1		3 52	UNCH
2500 2500 2525			/1.138A 0.173B/0.127A	/1.138A 0.173B/0.127A		1.275 -	0.119	.9873					2	UNCH
2525 2525 2525			/1.460A	/1.460A		1.577 -	0.122	.9025					1 1	UNCH
2575 2575			 /1.917A	 /1.917A		0.002 -	0.002 0.119	.0014					$1\overline{0}$ $1$	UNCH
2600 2600	0.035	0.035	0.035/*0.018	0.035/*0.018		0.024	NEW 0.001	.0382			10		2 + 1	2 UNCH
TOTAL						= <del>=</del>					157	0	1550 +	128

COPPER OPTIONS ON FUTURES

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CME Group, Inc.





PG64 BULLETIN # 19@ METALS OPTION PRODUCTS Mon, Jan 30, 2023 PG64

PG6	4 BULLET.	IN # 19@		ME	TALS OPTION PRO	DUCTS				Mon,	Jan 30	, 2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX <sup>0</sup> VOLUME		INTE	OPEN REST
HMW I		COPPER WEEKLY MON	DAY OPTION WEEK5										
375 380						0.4520 - 0.0210 0.0000 - 0.0005		10				0 - 0 -	10 21
380 385						0.4020 - 0.0210 0.0000 - 0.0005		11 				0 - 0 -	11 6
385 390						0.3520 - 0.0210 0.3020 - 0.0210		7 5				0 - 0 -	7 5
395 400			 /*0.0005A	 /*0.0005A		0.0000 - 0.0005 0.2020 - 0.0210 0.0000 - 0.0015		11				0 - 0 - 0 -	10 11 11
410 410 415		0.0040	0.0090B/*0.0005	0.0090B/*0.0005		0.1020 - 0.0013 0.1020 - 0.0220 0.0000 - 0.0055		10				0 - 0 -	10 1
420 420	0.0290	0.0290	0.0335B/*0.0010 0.0500B/*0.0010	0.0335B/*0.0010 0.0500B/*0.0010		0.0000 - 0.0165 0.0020 - 0.0370		20		7		0 - 0 -	11 20
425 425	0.0410	0.0410 0.0035	0.0735B/0.0265A 0.0035/*0.0005A	0.0735B/0.0265A 0.0035/*0.0005A		0.0480 + 0.0060 0.0000 - 0.0145		5 		1 1		0 -	6 1
430 430			0.1190B/0.0610A 0.0045B/*0.0010	0.1190B/0.0610A 0.0045B/*0.0010		0.0980 + 0.0165 0.0000 - 0.0040		1				0 - 0 -	1
450 TOTA						0.0000 - 0.0005				11		0 -	4 147
FEB2: 360						0.0005 UNCH	.0017					11	UNCH
360 365		0.0040	#0.0040/*0.0040 	#0.0040/*0.0040 		0.0045 UNCH 0.0020 UNCH	.0288 .0156			2		2 + 10	2 UNCH
365 370						0.0005 UNCH 0.0010 UNCH	.0038					5 1	UNCH
375 375						0.0010 - 0.0005 0.4530 - 0.0205	.0087 .9912 .0174					1 3 7	UNCH UNCH UNCH
380 390 395			0.0180B/0.0120A	0.0180B/0.0120A		0.0020 UNCH 0.0040 UNCH 0.0140 + 0.0005	.0388					2 12	UNCH
395 400	0.2560	0.2560	0.2560/0.2560 0.0120B/0.0080A	0.2560/0.2560 0.0120B/0.0080A		0.2580 - 0.0205 0.0095 UNCH	.9395			1		10 - 1	1 UNCH
400 400		0.0465	/0.1835A 0.0520B/0.0385A	/0.1835A 0.0520B/0.0385A		0.2115 - 0.0205 0.0435 NEW	.9030 .2276			1		2 1 +	UNCH 1
405 405			0.0205B/0.0125A 0.0675B/0.0505A	0.0205B/0.0125A 0.0675B/0.0505A		0.0155 UNCH 0.0570 + 0.0010	.1554 .2814					10 21	UNCH
405 405		0.2270	0.2285B/*0.1985 0.2190B/0.1605A	0.2285B/*0.1985 0.2190B/0.1605A		0.2180 NEW 0.1825 - 0.0200	.7178					1 +	UNCH
410 410 410		0.0515	0.0560B/0.0375A 0.0340B/0.0200A 0.0860B/0.0650A	0.0560B/0.0375A 0.0340B/0.0200A 0.0860B/0.0650A		0.0450 + 0.0015 0.0255 + 0.0010 0.0740 + 0.0015	.3043 .2425 .3414					1 1 20	UNCH UNCH UNCH
415 415			0.0770B/0.0530A 0.0535B/0.0315A	0.0770B/0.0530A 0.0535B/0.0315A		0.0635 + 0.0025 0.0405 + 0.0025	.3927					2 1	UNCH
415 415			0.1245B/0.0745A 0.1080B/0.0825A	0.1245B/0.0745A 0.1080B/0.0825A		0.0925 - 0.0180 0.0940 + 0.0025	.6438					20 7	UNCH
420 420			0.1030B/0.0720A 0.0920B/0.0500A	0.1030B/0.0720A 0.0920B/0.0500A		0.0865 + 0.0040 0.0645 - 0.0160	.4860 .5123					1 1	UNCH UNCH
420 425	0.1225	0.1225	0.1150B/*0.0740 0.1325B/0.0960A	0.1150B/*0.0740 0.1325B/0.0960A		0.0885 - 0.0165 0.1145 + 0.0060	.5136 .5785			4		27 1 <u>1</u>	UNCH
425 425			0.0655B/0.0325A 0.1615B/0.1275A	0.0655B/0.0325A 0.1615B/0.1275A		0.0430 - 0.0135 0.1445 + 0.0050	.3815					5 6	UNCH
425 430 430			0.0895B/*0.0545 0.1665B/0.1240A 0.1475B/0.1010A	0.0895B/*0.0545 0.1665B/0.1240A 0.1475B/0.1010A		0.0665 - 0.0150 0.1465 + 0.0075 0.1260 + 0.0100	.4210 .6647 .7315					15 7 1	UNCH UNCH UNCH
430 435			0.1930B/0.1550A 0.0290B/0.0130A	0.1930B/0.1550A 0.0290B/0.0130A		0.1745 + 0.0065 0.0175 - 0.0085	.5984					20 1	UNCH
440 445			0.0185B/0.0085A 0.0115B/0.0055A	0.0185B/0.0085A 0.0115B/0.0055A		0.0105 - 0.0065 0.0065 - 0.0045	.1117					16 8	UNCH
445 455			0.0260B/*0.0130 /*0.0025A	0.0260B/*0.0130 /*0.0025A		0.0170 - 0.0070 0.0020 - 0.0025	.1403 .0219					3 10	UNCH UNCH
460 465			/*0.0040A /*0.0015A	/*0.0040A /*0.0015A		0.0055 - 0.0025 0.0005 - 0.0015	.0498					10 7	UNCH
470 475			/*0.0020A 	/*0.0020A 		0.0025 - 0.0010 0.0005 UNCH	.0234 .0010			13		3 1 307+	UNCH UNCH 3
TOTA HWW \		COPPER WEEKLY WED	NESDAY OPTION WEEK							13		307 ÷	,
FEB2: 300						0.0005 UNCH						5	UNCH
370 370						0.0005 UNCH 0.0010 - 0.0005	.0086					10 2	UNCH
375 380 380						0.0005 UNCH 0.0005 UNCH 0.0025 UNCH	.0224					5 6 2	UNCH UNCH UNCH
380 385						0.4025 - 0.0205 0.0005 UNCH	.0000					10 10	UNCH
400 400			/*0.0015A /0.1735A	/*0.0015A /0.1735A		0.0010 - 0.0010 0.2030 - 0.0215	.0081 .9917			1 		0 - 12	1 UNCH
405 405		0.0030	0.0055B/0.0030 0.2010B/*0.1490	0.0055B/0.0030 0.2010B/*0.1490		0.0030 NEW 0.1735 - 0.0200	.0326					2 + 1	UNCH
410 415	0.0140	0.0100 0.0140	0.0135B/0.0065A 0.0295B/0.0135A 0.0630B/0.0400A	0.0135B/0.0065A 0.0295B/0.0135A 0.0630B/0.0400A		0.0075 - 0.0015 0.0165 - 0.0020 0.0505 + 0.0030	.0990 .2421 .3751			6 1 		12 + 26 + 3	6 1 UNCH
415 415 415			0.1065B/0.0470A 0.1330B/*0.0850	0.1065B/0.0470A 0.1330B/*0.0850		0.0685 - 0.0220 0.1020 - 0.0180	.7578					10 10	UNCH
420 420			/*0.0990A 0.0540B/0.0260A	/*0.0990A 0.0540B/0.0260A		0.1140 - 0.0165 0.0350 UNCH	.5157			 1		7 7 +	UNCH 1
420 425	0.0875	0.0875	/*0.0835A 0.1155B/*0.0785	/*0.0835A 0.1155B/*0.0785		0.0980 - 0.0160 0.0915 NEW	.5143 .4446			4		5 4 +	UNCH 4
425 425		0.0600	0.0890B/0.0470A 0.1190B/0.0815A	0.0890B/0.0470A 0.1190B/0.0815A		0.0655 + 0.0045 0.1005 + 0.0065	.7362					3 10	UNCH
425 425	0.0120	0.0120 0.0700	0.1415B/0.1055A 0.0340B/*0.0100 0.0940B/*0.0620	0.1415B/0.1055A 0.0340B/*0.0100 0.0940B/*0.0620		0.1235 + 0.0060 0.0175 - 0.0160 0.0725 NEW	.5688 .2637 .3764			1 4		10 2 4 +	UNCH UNCH 4
430 430 430			0.1325B/0.0780A 0.1550B/0.1100A	0.1325B/0.0780A 0.1550B/0.1100A		0.1055 + 0.0100 0.1340 + 0.0090	.8945 .7011			 		4 + 4 5	UNCH UNCH
430 430		0.0045	0.1750B/0.1335A 0.0210B/*0.0040	0.1750B/0.1335A 0.0210B/*0.0040		0.1550 + 0.0070 0.0075 - 0.0110	.6475 .1053			 5		1 11 +	UNCH 5
435 435			/0.1170A 0.1950B/0.1440A	/0.1170A 0.1950B/0.1440A		0.1515 + 0.0145 0.1720 + 0.0110	.9597					5 1	UNCH
435 435		0.0040	0.0100B/*0.0020 0.0375B/*0.0185	0.0100B/*0.0020 0.0375B/*0.0185		0.0035 NEW 0.0240 - 0.0095	.0402			2		2 + 7	UNCH
445 455			0.0470B/*0.0285 	0.0470B/*0.0285		0.0340 - 0.0100 0.0005 UNCH 0.0005 UNCH	.2075 .0022 .0000					1 10 1	UNCH UNCH UNCH
470 470 TOTA						0.0003 UNCH 0.0010 - 0.0010				 29		2 228+	UNCH 24
HX C	ALL	COMEX COPPER OPTI	CONS										
MAR2:						2.4520 - 0.0205	.0000					5	UNCH
200 270 300						2.2020 - 0.0205 1.5020 - 0.0205 1.2020 - 0.0205	.0000					1 2 2	UNCH UNCH UNCH
320 335						1.0020 - 0.0205 0.8525 - 0.0205	.9944					4 11	UNCH
340 345						0.8025 - 0.0210 0.7530 - 0.0205	.9904 .9872					75 24	UNCH UNCH
350 354						0.7030 - 0.0210 0.6635 - 0.0210	.9838 .9829					62 1	UNCH UNCH
356 357						0.6440 - 0.0205 0.6340 - 0.0205	.9798					20 46	UNCH
360 364			/0.5745A 	/0.5745A 		0.6045 - 0.0205 0.5655 - 0.0205	.9760					48 1	UNCH
365 367 370			  /0.4780A	 /0.4780A		0.5555 - 0.0205 0.5360 - 0.0205 0.5070 - 0.0205	.9689 .9654 .9587					330 75 907	UNCH UNCH UNCH
370 372 373			/0.4780A 	/0.4780A 		0.4880 - 0.0205 0.4785 - 0.0205	.9524 .9493					10 26	UNCH
375 377						0.4595 - 0.0205 0.4405 - 0.0205	.9429 .9364					1225 4	UNCH UNCH
378 379						0.4310 - 0.0205 0.4220 - 0.0205	.9331 .9275					22 10	UNCH UNCH
380 381			/0.3845A 	/0.3845A 		0.4125 - 0.0205 0.4035 - 0.0205	.9241 .9185					253 35	UNCH UNCH
THE		CONT. THER. TH. THEC	DEDORT TO COMPT. F			O IS FURNISHED WIT		CRONCER					

## **METALS OPTIONS PRODUCTS**

Side 38

# 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.

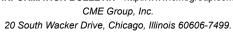




PG6	4 BULLET	IN # 19@		ME	TALS OPTION PRO	DUCTS				Mon,	Jan 30,	2023 PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	OPEN INTEREST
HX CA		COMEX COPPER OPTI	CONS					01020	1020.12	7020.12	70201.2	IN INE
382 383 384						0.3945 - 0.0200 0.3850 - 0.0205 0.3760 - 0.0205	.9149 .9093 .9036					53 UNCH 15 UNCH 5 UNCH
385 386 387						0.3670 - 0.0205 0.3585 - 0.0200 0.3495 - 0.0200	.8978 .8921 .8844					607 UNCH 78 UNCH 13 UNCH
388 390 391			/0.2975A /0.2890A	/0.2975A /0.2890A		0.3405 - 0.0200 0.3235 - 0.0200 0.3150 - 0.0200	.8785 .8648 .8570					46 UNCH 2183 UNCH 15 UNCH
392 393 394			/0.2805A /0.2725A /0.2645A	/0.2805A /0.2725A /0.2645A		0.3065 - 0.0200 0.2980 - 0.0200 0.2900 - 0.0200	.8492 .8398 .8319					8 UNCH 8 UNCH 12 UNCH
395 396 397			0.3105B/0.2565A 0.3075B/0.2490A 0.3040B/0.2410A	0.3105B/0.2565A 0.3075B/0.2490A 0.3040B/0.2410A		0.2815 - 0.0205 0.2735 - 0.0200 0.2655 - 0.0200	.8239 .8143 .8048					341 UNCH 15 UNCH 77 UNCH
398 399 400	0.2250	0.2250	0.2960B/0.2340A 0.2875B/0.2265A 0.2795B/0.2190A	0.2960B/0.2340A 0.2875B/0.2265A 0.2795B/0.2190A		0.2575 - 0.0200 0.2500 - 0.0200 0.2420 - 0.0200	.7952 .7843 .7746			1		12 UNCH 42 UNCH 2914 UNCH
401 402 403			0.2720B/0.2115A 0.2640B/0.2045A 0.2565B/0.1975A	0.2720B/0.2115A 0.2640B/0.2045A 0.2565B/0.1975A		0.2345 - 0.0200 0.2270 - 0.0200 0.2195 - 0.0200	.7636 .7526 .7416					7 UNCH 8 UNCH 65 UNCH
404 405 406			0.2485B/0.1910A 0.2415B/0.1840A 0.2340B/0.1775A	0.2485B/0.1910A 0.2415B/0.1840A 0.2340B/0.1775A		0.2125 - 0.0195 0.2055 - 0.0195 0.1985 - 0.0195	.7295 .7174 .7053					45 UNCH 277 UNCH 21 UNCH 77 UNCH
407 408 409	0.2010	0.2010	0.2265B/0.1710A 0.2195B/0.1650A 0.2125B/0.1585A	0.2265B/0.1710A 0.2195B/0.1650A 0.2125B/0.1585A		0.1915 - 0.0195 0.1850 - 0.0195 0.1785 - 0.0190	.6931 .6802 .6679			 2		920 UNCH 108 UNCH
410 412 413	0.1965	0.1965  	0.2060B/0.1525A 0.1925B/*0.1410 0.1860B/*0.1360 0.1795B/0.1305A	0.2060B/0.1525A 0.1925B/*0.1410 0.1860B/*0.1360 0.1795B/0.1305A		0.1720 - 0.0190 0.1595 - 0.0190 0.1540 - 0.0185 0.1480 - 0.0185	.6542 .6276 .6140 .6003			16 		1404 - 12 2 UNCH 220 UNCH 19 UNCH
414 415 416	0.1645	0.1645	O 1735R/O 1255A	0.1735B/0.1355A 0.1675B/*0.1200 0.1620B/*0.1155		0.1425 - 0.0185 0.1370 - 0.0180 0.1315 - 0.0180	.5864 .5724 .5584			6		341 UNCH 55 UNCH 25 UNCH
417 418 419 420	0.1425 0.1135	0.1425 0.1135	0.1675B/*0.1200 0.1620B/*0.1155 0.1560B/*0.1105 0.1510B/*0.1060 0.1450B/0.1015A	0.1560B/*0.1105 0.1510B/*0.1060 0.1450B/0.1015A		0.1265 - 0.0175 0.1215 - 0.0175 0.1165 - 0.0175	.5443 .5303 .5162			3 12		20 UNCH 16 + 2 1420 + 1
421 422 423	0.1210	0.1210	0.1400B/*0.0970 0.1350B/*0.0930 0.1300B/*0.0890 0.1250B/*0.0855	0.1400B/*0.0970 0.1350B/*0.0930 0.1300B/*0.0890		0.1120 - 0.0170 0.1075 - 0.0165 0.1030 - 0.0165	.5022 .4883 .4744			1		36 UNCH 39 UNCH 47 UNCH
424 425 426	0.1010	0.1010 	U. 1/U5B/U.U815A	0.1250B/*0.0855 0.1205B/0.0815A 0.1160B/*0.0780		0.0985 - 0.0160 0.0945 - 0.0160 0.0905 - 0.0155	.4606 .4470 .4335			ī 		34 UNCH 2444 UNCH 15 UNCH
427 428 429	0.0990 0.0980	0.0990 0.0980	0.1160B/*0.0780 0.1110B/*0.0745 0.1065B/*0.0710 0.1025B/*0.0680	0.1110B/*0.0745 0.1065B/*0.0710 0.1025B/*0.0680		0.0865 - 0.0155 0.0825 - 0.0150 0.0790 - 0.0150	.4200 .4065 .3935			15 4		21 UNCH 13 - 2 4 UNCH
430 431 432	0.0920	0.0920	U.U9858/U.U645A	0.0985B/0.0645A 0.0940B/*0.0620 0.0900B/*0.0590		0.0755 - 0.0145 0.0720 - 0.0140 0.0685 - 0.0140	.3806 .3677 .3548			18 		588 UNCH 1 UNCH 8 UNCH
433 434 435	0.0645 0.0755	0.0645 0.0755	0.0940B/*0.0620 0.0900B/*0.0590 0.0865B/*0.0565 0.0830B/*0.0535 0.0795B/0.0510A	0.0865B/*0.0565 0.0830B/*0.0535 0.0795B/0.0510A		0.0655 - 0.0135 0.0625 - 0.0130 0.0595 - 0.0130	.3427 .3307 .3186			6 11		27 UNCH 18 - 3 1146 - 11
436 438 439			0.0760B/*0.0490 0.0695B/*0.0440 0.0665B/*0.0420	0.0760B/*0.0490 0.0695B/*0.0440 0.0665B/*0.0420		0.0570 - 0.0125 0.0515 - 0.0120 0.0490 - 0.0115	.3076 .2846 .2737					10 UNCH 11 UNCH 10 UNCH
440 441 442	0.0525 0.0445	0.0525 0.0525 0.0445	0.0635B/0.0400A 0.0605B/*0.0375 0.0580B/*0.0360 0.0555B/*0.0345 0.0530B/*0.0325	0.0635B/0.0400A 0.0605B/*0.0375 0.0580B/*0.0360		0.0465 - 0.0115 0.0445 - 0.0110 0.0420 - 0.0110	.2628 .2532 .2423			9 12 2		2659 - 4 61 + 12 55 + 2
443 444 445	0.0380	0.0425 0.0400 0.0380	0.0505B/0.0310A	0.0505B/0.0310A		0.0400 - 0.0110 0.0380 - 0.0105 0.0360 - 0.0105	.2327 .2232 .2137			2 2 5		52 + 2 35 + 2 1066 UNCH
446 447 450	0.0360 0.0345 0.0390	0.0360 0.0345 0.0390	0.0480B/*0.0295 #0.0460B/*0.028 0.0395B/0.0240A	0.0480B/*0.0295 #0.0460B/*0.028 0.0395B/0.0240A		0.0340 - 0.0105 0.0320 - 0.0100 0.0270 - 0.0090	.2042 .1947 .1694			4 2 411		72 + 4 63 + 2 8511 + 61
455 460 465	0.0225 0.0220 0.0135	0.0225 0.0220 0.0135	0.0300B/0.0185A 0.0235B/0.0140 0.0170B/0.0105A	0.0300B/0.0185A 0.0235B/0.0140 0.0170B/0.0105A		0.0200 - 0.0080 0.0150 - 0.0065 0.0115 - 0.0050	.1027 .0807			114 6		109 + 1 773 - 21 511 UNCH
470 475 480	0.0060 0.0055	0.0060 0.0055	/0.0075A 0.0095B/0.0060 0.0055/0.0045A	/0.0075A 0.0095B/0.0060 0.0055/0.0045A		0.0085 - 0.0040 0.0065 - 0.0025 0.0050 - 0.0020	.0615 .0478 .0373			330 33 6		1268 - 255 5812 - 5 885 + 4
485 490 495	0.0030 0.0030 0.0015 0.0010	0.0030 0.0030 0.0015	0.0040/*0.0030 0.0030/0.0025A 0.0015/0.0015 0.0010/*0.0010	0.0040/*0.0030 0.0030/0.0025A 0.0015/0.0015		0.0035 - 0.0015 0.0025 - 0.0010 0.0020 - 0.0005	.0270 .0197 .0157 .0119			33 20 13 15		121 + 10 85 + 20 37 + 13 134 + 8
500 505 510 515	0.0010	0.0010 0.0010 	0.0010/ 0.0010 0.0010	0.0010/*0.0010 0.0010/*0.0010 		0.0015 - 0.0005 0.0010 - 0.0005 0.0010 UNCH 0.0005 UNCH	.0082 .0078 .0042			1  2		12 UNCH 34 UNCH 9 - 1
520 525 535	0.0005	0.0005 	0.0005/*0.0005 	0.0005/*0.0005 		0.0005 UNCH 0.0005 UNCH 0.0005 UNCH	.0028 .0019 .0008			2 		19 UNCH 1 UNCH 5 UNCH
540 545 550						0.0005 UNCH 0.0005 UNCH 0.0005 UNCH	.0005 .0003 .0002					8 UNCH 21 UNCH 32 UNCH
625 700 825						0.0005 UNCH 0.0005 UNCH 0.0005 UNCH						3 UNCH 30 UNCH 1 UNCH
TOTA APR2	3					0.0550 0.0300	0717			1123		41649 - 170
335 340 350			/0.7870A /0.6920A	/0.7870A /0.6920A		0.8650 - 0.0200 0.8165 - 0.0200 0.7210 - 0.0200	.9717 .9654 .9474					6 UNCH 16 UNCH 19 UNCH 17 UNCH
355 365 367			  /0.5120A	  /0.5120A		0.6740 - 0.0200 0.5825 - 0.0200 0.5650 - 0.0195 0.5385 - 0.0200	.9357 .9046 .8974 .8854					17 UNCH 56 UNCH 1 UNCH 1 UNCH
370 373 380			0.4790B/0.4285A 0.4780B/0.4205A	0.4790B/0.4285A		0.5125 - 0.0200 0.4540 - 0.0200 0.4460 - 0.0200	.8720 .8358 .8300					7 UNCH 44 UNCH 19 UNCH
381 385 390 391	0.4040 0.3675	0.4040 0.3675	0.4520B/0.3900A 0.4130B/0.3530A 0.4055B/0.3455A	0.4520B/0.3900A 0.4130B/0.3530A		0.4145 - 0.0195 0.3760 - 0.0200 0.3685 - 0.0200	.8063 .7740 .7672			1 1		15 UNCH 261 + 1 2 UNCH
395 398 400			0.3755B/0.3185A 0.3540B/0.2985A 0.3400B/0.2850A	0.3755B/0.3185A		0.3400 - 0.0195 0.3190 - 0.0195 0.3055 - 0.0195	.7385 .7160 .7005			 2		21 UNCH 7 UNCH 976 - 2
404 405 406			0.3130B/0.2605A 0.3065B/0.2550A 0.3000B/0.2490A	0.3130B/0.2605A 0.3065B/0.2550A 0.3000B/0.2490A		0.2800 - 0.0190 0.2735 - 0.0190 0.2675 - 0.0190	.6683 .6603 .6519					1 UNCH 22 UNCH 30 UNCH
410 414 415			0.2750B/0.2265A 0.2510B/0.2055A 0.2455B/0.2000A	0.2750B/0.2265A		0.2440 - 0.0180 0.2215 - 0.0180 0.2165 - 0.0175	.6182 .5838 .5751					179 UNCH 2 UNCH 79 UNCH
416 417 418			0.2400B/*0.1955 0.2345B/*0.1905 0.2290B/*0.1855	0.2400B/*0.1955 0.2345B/*0.1905 0.2290B/*0.1855		0.2110 - 0.0175 0.2060 - 0.0175 0.2010 - 0.0170	.5664 .5577 .5490					50 UNCH 1 UNCH 5 UNCH
419 420 423			0.2235B/*0.1810 0.2190B/0.1760A 0.2035B/*0.1630	0.2235B/*0.1810 0.2190B/0.1760A 0.2035B/*0.1630		0.1960 - 0.0170 0.1910 - 0.0170 0.1770 - 0.0160	.5403 .5315 .5055					50 UNCH 347 UNCH 5 UNCH
424 425 428			0.1985B/*0.1590 0.1940B/0.1545A 0.1795B/*0.1425	0.1985B/*0.1590 0.1940B/0.1545A 0.1795B/*0.1425		0.1725 - 0.0160 0.1680 - 0.0155 0.1550 - 0.0150	.4968 .4882 .4624					1 UNCH 602 UNCH 14 UNCH
430 435 437			0.1710B/0.1350A 0.1500B/0.1170A 0.1420B/*0.1110	0.1710B/0.1350A 0.1500B/0.1170A 0.1420B/*0.1110		0.1470 - 0.0145 0.1285 - 0.0135 0.1215 - 0.0130	.4455 .4045 .3884					911 UNCH 249 UNCH 11 UNCH
438 440 441			0.1385B/*0.1075 0.1310B/0.1015A 0.1275B/*0.0990 0.1140B/0.0880A	0.1385B/*0.1075 0.1310B/0.1015A 0.1275B/*0.0990 0.1140B/0.0880A		0.1180 - 0.0130 0.1115 - 0.0125 0.1085 - 0.0120 0.0970 - 0.0110	.3804 .3648 .3572 .3278					13 UNCH 314 UNCH 3 UNCH 60 UNCH
445 450 455 460	0.0645	  0.0645	0.0990B/0.0755A 0.0855B/0.0645A 0.0735B/0.0555A	0.0990B/0.0755A		0.0970 - 0.0110 0.0835 - 0.0100 0.0720 - 0.0085 0.0620 - 0.0075	.2924 .2599 .2302			  2		6475 UNCH 12 UNCH 1514 + 2
460 465 470 475			0.0630B/0.0475A 0.0540B/0.0405A 0.0460B/0.0345A	0.0630B/0.0475A 0.0540B/0.0405A 0.0460B/0.0345A		0.0530 - 0.0065 0.0450 - 0.0060 0.0385 - 0.0055	.2026 .1771 .1551			  1		123 UNCH 10 UNCH 589 - 1
480 485 490	0.0315 0.0300 0.0215	0.0315 0.0300 0.0215	0.0395B/0.0295A 0.0335B/0.0250A 0.0290B/0.0215			0.0325 - 0.0050 0.0275 - 0.0045 0.0235 - 0.0040	.1344 .1164 .1012			4 1 1		394 + 2 28 + 1 338 + 1
495	0.0205	0.0205	0.0250B/0.0185A	0.0250B/0.0185A		0.0200 - 0.0035	.0876			1		18 UNCH

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin





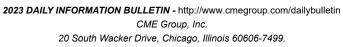




Column	PG64	BULLET	IN # 19@		ME	TALS OPT	ON PRODUCTS				Mon,	Jan 30,	2023	PG64
Column								DELTA	EXER		GL0BEX <sup>©</sup>	PNT		OPEN
	HX CAI	LL	COMEX COPPER OP	TIONS	,				CISES	VOLUME	VOLUME	VOLUME	INTE	EREST
1	APR23 500			0.0210B/0.0160A							3			3
Color	510			0.0155B/0.0120A	0.0155B/0.0120A		0.0125 - 0.0025 0.0110 - 0.0020	.0570			 1		3	
15   15   15   15   15   15   15   15	520 525	0.0090	0.0090	0.0090/0.0080A	0.0090/0.0080A		0.0080 - 0.0020	.0374			1		24 +	1
144	535	0.0060	0.0060	0.0060/0.0060	0.0060/0.0060		0.0060 - 0.0015	.0284			1		4 +	1
1.00	545			/*0.0050A /0.0045A	/*0.0050A /0.0045A		0.0045 - 0.0010	.0216						UNCH
19	555 560			/*0.0035A	/*0.0035A		0.0030 - 0.0010	.0145					3	UNCH
1	575						0.0020 - 0.0010	.0097					15	UNCH
	700						0.0005 UNCH	.0004					1 8	UNCH
100   100											22		21370+	6
The color of the	350 355						0.6895 - 0.0195	.8973					4	UNCH
Bear	370			/0.5370A	/0.5370A		0.5625 - 0.0195	.8394					25	UNCH
Bear	380			0.5205B/0.4600A	0.5205B/0.4600A		0.4840 - 0.0195	.7913					185	UNCH
1.0	390 395			0.4110B/0.3575A	0.4110B/0.3575A		0.3780 - 0.0185	.7039					21	UNCH
1	405			0.3460B/0.2980A	0.3460B/0.2980A		0.3160 - 0.0175	.6383					10	UNCH
111 0.2225 0.2225 0.2225 0.2225 0.0 0.0 10 0	415 419			0.2895B/0.2445A #0.2690B/*0.226	0.2895B/0.2445A #0.2690B/*0.226		0.2615 - 0.0160 0.2420 - 0.0155	.5697 .5419					12	UNCH UNCH
145	421	0.2185	0.2185	#0.2590B/*0.217	#0.2590B/*0.217		0.2325 NEW	.5281			10		10 +	10
140	430			0.2170B/0.1795A	0.2170B/0.1795A 0.1960B/0.1610A		0.1935 - 0.0140 0.1740 - 0.0130	.4666					199	UNCH
15	440 445			0.1765B/0.1445A 0.1585B/0.1295A	0.1765B/0.1445A 0.1585B/0.1295A		0.1560 - 0.0125 0.1400 - 0.0115	.4011 .3703					78 43	UNCH UNCH
170   0.075	455			0.1270B/0.1030A	0.1270B/0.1030A		0.1115 - 0.0100	.3121					10	UNCH
188   0.5990   0.5949   0.05240   0.05250	470 475	0.0715	0.0715	0.0900B/0.0725A 0.0800B/0.0645A	0.0900B/0.0725A 0.0800B/0.0645A		0.0785 - 0.0075 0.0695 - 0.0065	.2367 .2146			10		53 236	UNCH UNCH
1985   0,000	485			0.0625B/0.0505A	0.0625B/0.0505A		0.0550 - 0.0050	.1764					7	UNCH
0.0585.0.0	495			0.0490B/0.0395A 0.0435B/0.0350A	0.0490B/0.0395A 0.0435B/0.0350A		0.0430 - 0.0045 0.0385 - 0.0035	.1433 .1299					3	UNCH
1.0	505 510			0.0340B/0.0280A	0.0340B/0.0280A		0.0340 - 0.0035 0.0300 - 0.0030	.1047					110	UNCH
131	525			0.0240B/0.0200A	0.0240B/0.0200A		0.0215 - 0.0015	.0773					115	UNCH
Section   Sect	535			0.0190B/0.0160A 0.0170B/0.0145A	0.0190B/0.0160A 0.0170B/0.0145A		0.0170 - 0.0015 0.0150 - 0.0015	.0625 .0558					10 2	UNCH UNCH
Color	560			0.0110B/0.0095A	0.0110B/0.0095A		0.0100 - 0.0005	.0380					11	UNCH
0.0010   Wick   .0012   Did   .0012   Did   .0012   Did   .0013   Did	600			/0.0050A	/0.0050A		0.0050 - 0.0005	.0192					7	UNCH
1982   1	800 825						0.0010 UNCH						1	UNCH
1.											1027		3338 -	465
Sage	355						0.7145 - 0.0185	.8624					1 8	UNCH
140   140	380			0.5540B/0.4980A	0.5540B/0.4980A		0.5200 - 0.0185	.7605					2 24	UNCH
10	390 400			0.4840B/0.4315A 0.4195B/0.3710A	0.4840B/0.4315A 0.4195B/0.3710A		0.4520 - 0.0175 0.3895 - 0.0170	.7103 .6559					14 48	UNCH UNCH
250	410			0.3610B/0.3165A	0.3610B/0.3165A		0.3335 - 0.0160	.5991					14	UNCH
455	420			0.3090B/0.2675A 0.2850B/0.2460A	0.3090B/0.2675A 0.2850B/0.2460A		0.2835 - 0.0150 0.2610 - 0.0140	.5413					15 2505	UNCH
445 0.12858/0.1730A 0.20358/0.1730A 0.1840 0.0115 4022 112 UNCH 450 0.1160P(0.1550A 0.1550A 0.1550A 0.1550 4022 1120 UNCH 450 0.1170 0.1170 0.1170 0.12908/0.1085A 0.12908/0.1085A 0.1650 0.0110 0.7784 2 1265 + 4 460 0.11758/0.0990A 0.11758/0.0990A 0.1055 0.0050 0.00	435			0.2415B/0.2070A	0.2415B/0.2070A		0.2195 - 0.0130	.4560					140	UNCH
465	445			0.2035B/0.1730A	0.2035B/0.1730A		0.1840 - 0.0115	.4022					132	UNCH
485	465 470	0.1170	0.1170	0.1290B/0.1085A	0.1290B/0.1085A		0.1160 NEW	.2838			10		10 +	10
490	480			0.1065B/0.0900A	0.1065B/0.0900A		0.0960 - 0.0065	.2441			800		833 -	178
Sist	490			0.0880B/0.0745A 0.0800B/0.0680A	0.0880B/0.0745A 0.0800B/0.0680A		0.0795 - 0.0055 0.0720 - 0.0050	.2092 .1929					383 8	UNCH
525	515			0.0540B/0.0465A	0.0540B/0.0465A		0.0490 - 0.0035	.1393					185	UNCH
\$35\$ 0.03708/0.0325A 0.0325A 0.0325A 0.0335S 0.0025 0.0999 330 UNCH 0.0358F0 0.025S 0.025A 0.025 0.0025 0.	525 530			0.0445B/0.0385A 0.0405B/0.0355A	0.0445B/0.0385A 0.0405B/0.0355A		0.0405 - 0.0030 0.0370 - 0.0025	.1180 .1089					715 10	UNCH UNCH
100   100	535 540			0.0370B/0.0325A 0.0335B/0.0295A	0.0370B/0.0325A 0.0335B/0.0295A		0.0335 - 0.0025 0.0305 - 0.0025	.0999 .0919					330 214	UNCH UNCH
600	555			0.0255B/0.0230A	0.0255B/0.0230A		0.0235 - 0.0015	.0724					20	UNCH
TOTAL  JUL23  350	600 625			/0.0115A	/0.0115A 		0.0115 - 0.0005 0.0085 UNCH	.0369 .0273					2 8	UNCH UNCH
350							0.0030 UNCH	.0090						
1.00	350													
1900	380			/0.5295A	/0.5295A		0.5495 - 0.0175	.7397					26	UNCH
405	390			/0.4660A /0.4075A	/0.4660A /0.4075A		0.4840 - 0.0165	.6941					11	UNCH
430        0.2985B/0.2630A       0.2985B/0.2630A        0.2765 - 0.0130       .4941        8        58       UNCH         435        0.2776B/0.2435A        0.2365 - 0.0120       .4695            12       UNCH         440        0.2375B/0.2260A       0.2575B/0.2260A        0.2375 - 0.0120       .4452          70       UNCH         445        0.2385B/0.2990A       0.2385B/0.2990A        0.2205 - 0.0110       .4216          4       UNCH         450        0.2210B/0.1393A       0.2210B/0.1393A        0.2035 - 0.0105       .3762        25        7       25         455        0.150B/0.1390A       0.1750B/0.1530A       0.1750B/0.1530A        0.1605 - 0.0900       .3341         212       UNCH         470        0.1490B/0.1305A       0.1490B/0.1305A       0.1375B/0.1205A       0.1375B/0.1205A       0.1370 - 0.0075       .2954          <	405 420			/0.3805A 0.3445B/0.3050A	/0.3805A 0.3445B/0.3050A		0.3960 - 0.0155 0.3200 - 0.0140	.6208 .5446					21 15	UNCH UNCH
440	430			0.2985B/0.2630A	0.2985B/0.2630A		0.2765 - 0.0130	.4941			8		58	UNCH
450	440 445			0.2575B/0.2260A 0.2385B/0.2090A	0.2575B/0.2260A 0.2385B/0.2090A		0.2375 - 0.0120 0.2200 - 0.0110	.4452 .4216					70 4	UNCH UNCH
470        0.1615B/0.1410A       0.1615B/0.1410A        0.1485       - 0.0080       .3145          3       UNCH         475         0.1490B/0.1305A        0.1370       -0.0075       .2954   <	450 455			0.2045B/0.1790A	0.2045B/0.1790A		0.1880 - 0.0105	.3762					7	UNCH
480 0.1375B/0.1205A 0.1375B/0.1205A 0.1265 - 0.0070 .2774 10 UNCH 490 0.1170B/0.1025A 0.11375B/0.1025A 0.1800 - 0.0060 .2442 20 UNCH 500 0.0995B/0.0875A 0.0995B/0.0875A 0.0920 - 0.0050 .2142 55 UNCH 520 0.0720B/0.0640A 0.0720B/0.0640A 0.0665 - 0.0040 .1633 51 UNCH 530 51 UNCH 530 0.0610B/0.0550A 0.0610B/0.0550A 0.0570 - 0.0035 .1429 10 UNCH 535 0.0565B/0.0510A 0.0610B/0.0550A 0.0570 - 0.0035 .1429 10 UNCH 545 0.0470A/0.0470A/0.0470A/0.0435A 0.0400 - 0.0300 .1251 4 UNCH 550 0.0405A/0.0435A/0.0435A 0.0450 - 0.0030 .1631 6 UNCH 555 0.0405A/0.0380A/0.0380A/0.0355A	470			0.1615B/0.1410A	0.1615B/0.1410A 0.1490B/0.1305A		0.1485 - 0.0080 0.1370 - 0.0075	.3145					3	UNCH
520        0.07208/0.0640A       0.07208/0.0640A        0.0665       0.0040       .1633         51       UNCH         530        0.06108/0.0550A       0.06108/0.0550A        0.0570       0.0035       .1429	480 490			0.1375B/0.1205A 0.1170B/0.1025A	0.1375B/0.1205A 0.1170B/0.1025A		0.1265 - 0.0070 0.1080 - 0.0060	.2774 .2442					10 20	UNCH UNCH
535      0.0565B/0.0510A     0.0565B/0.0510A      0.0525     0.0035     .1331        65     UNCH       540       0.0470A      0.0490     0.0030     .1251         4     UNCH       545       0.0450     0.0030     .1163        6     UNCH       550       0.0420     0.0025     .1092       14     UNCH       555       0.0380A      0.0390     0.0020     .1022        6     UNCH       560       0.0355A      0.0360     0.0025     .0952        10     UNCH	520			0.0720B/0.0640A	0.0720B/0.0640A		0.0665 - 0.0040	.1633					51	UNCH
545       0.0450     - 0.0030     .1163        6     UNCH       550       0.0420     - 0.0025     .1092       14     UNCH       555       0.0380A      0.0390     - 0.0020     .1022       6     UNCH       560       0.0355A      0.0360     - 0.0025     .0952        10     UNCH	535			0.0565B/0.0510A /0.0470A	0.0565B/0.0510A /0.0470A		0.0525 - 0.0035 0.0490 - 0.0030	.1331					65 4	UNCH UNCH
560/0.0355A/0.0355A 0.0360 - 0.0025 .0952 10 UNCH	545 550			/0.0435A /0.0405A	/0.0435A /0.0405A		0.0450 - 0.0030 0.0420 - 0.0025	.1163 .1092					14	UNCH UNCH
	560			/0.0355A	/0.0355A		0.0360 - 0.0025	.0952					10	UNCH

## **METALS OPTIONS PRODUCTS**

# Side 40







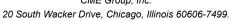


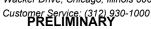
					PRELIMINARY								
PG64	BULLETI	N # 19@		ME	TALS OPTION PRO	DUCTS				Mon,	Jan 30,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	( INTER	OPEN REST
HX CAL JUL23		COMEX COPPER OPTIO											
600 625	0.0210	0.0210	0.0215/0.0210	0.0215/0.0210		0.0210 - 0.0005 0.0155 - 0.0005	.0578 .0432					39 + 8	3 UNCH
650 700						0.0115 - 0.0005 0.0070 - 0.0005	.0325 .0199					6 10	UNCH UNCH
725 800						0.0055 - 0.0005 0.0035 UNCH	.0157 .0096					30 20	UNCH UNCH
825 TOTAL						0.0030 UNCH	.0082			61		20 1481 -	UNCH 47
AUG23													
260 270						1.6160 - 0.0200 1.5170 - 0.0195	.9794 .9737					7 1	UNCH UNCH
350 400			/0.7705A /0.4375A	/0.7705A /0.4375A		0.7930 - 0.0180 0.4530 - 0.0155	.8354					10 4	UNCH
405 415			/0.4110A /0.3595A	/0.4110A /0.3595A		0.4255 - 0.0155 0.3745 - 0.0145	.6170 .5709					9 10	UNCH
425 430			0.3505B/0.3155A 0.3285B/0.2950A	0.3505B/0.3155A 0.3285B/0.2950A		0.3285 - 0.0135 0.3075 - 0.0130	.5246					4 3	UNCH
450			0.2505B/0.2245A 0.1895B/0.1700A	0.2505B/0.2245A 0.1895B/0.1700A		0.2340 - 0.0110 0.1770 - 0.0085	.4147					75 1	UNCH
470 500			0.1230B/0.1120A 0.0990B/0.0910A	0.1230B/0.1120A		0.1160 - 0.0055 0.0940 - 0.0040	.2410					6	UNCH
515 825				0.0990B/0.0910A		0.0055 + 0.0005	.0136					1 9	UNCH UNCH
TOTAL SEP23												140	
425			0.3730B/0.3485A	0.3730B/0.3485A		0.3595 - 0.0130	.5296					33	UNCH
430 465			0.3510B/0.3280A /0.2135A	0.3510B/0.3280A /0.2135A		0.3380 - 0.0125 0.2185 - 0.0095	.5086					1 20	UNCH
475 500			/0.1885A /0.1380A	/0.1885A /0.1380A		0.1925 - 0.0085 0.1405 - 0.0060	.3389					10 17	UNCH
505 515			/0.1295A /0.1145A	/0.1295A /0.1145A		0.1320 - 0.0055 0.1160 - 0.0050	.2513 .2263					1 54	UNCH UNCH
520 530	0.1140	0.1140	0.1140/*0.1075A /*0.0950A	0.1140/*0.1075A /*0.0950A		0.1090 - 0.0045 0.0960 - 0.0040	.2149 .1934			1 		1 300	UNCH UNCH
545 550			/*0.0790A /*0.0745A	/*0.0790A /*0.0745A		0.0795 - 0.0035 0.0750 - 0.0030	.1649 .1567					10 20	UNCH UNCH
575 825			/*0.0560A 	/*0.0560A 		0.0555 - 0.0020 0.0060 UNCH	.1206 .0146					34 200	UNCH UNCH
TOTAL										1		701	
ост23 450			/0.2825A	/0.2825A		0.2880 - 0.0105	.4380					1	UNCH
470 500			/*0.2250A /0.1600A	/*0.2250A /0.1600A		0.2280 - 0.0090 0.1610 - 0.0060	.3692 .2816					300 1	UNCH UNCH
TOTAL			,	,								302	
NOV23 415			/0.4450A	/0.4450A		0.4530 - 0.0140	.5741					40	UNCH
530 700			/0.1330A	/0.1330A		0.1320 - 0.0040 0.0255 - 0.0010	.2294					25 1	UNCH
TOTAL						0.0233	.033.					66	o.re.r
DEC23 350			/0.8500A	/0.8500A		0.8635 - 0.0170	.7874					5	UNCH
420			/*0.4490A /*0.4275A	/*0.4490A /*0.4275A		0.4540 - 0.0130 0.4320 - 0.0125	.5579					4 170	UNCH
425 435			/*0.3875A	/*0.3875A /*0.3345A		0.3905 - 0.0120 0.3355 - 0.0110	.5056					210	UNCH
450 465			/*0.3345A /*0.2880A	/*0.2880A		0.2880 - 0.0095	.4555					300 1	UNCH
470 475			/*0.2745A /*0.2610A	/*0.2745A /*0.2610A		0.2735 - 0.0095 0.2600 - 0.0090	.3931					4 170	UNCH
500 530			/*0.2045A /*0.1535A	/*0.2045A /*0.1535A		0.2020 - 0.0065 0.1500 - 0.0050	.3119 .2455					210 6	UNCH UNCH
550 575						0.1235 - 0.0040 0.0975 - 0.0030	.2090 .1710					6 150	UNCH UNCH
700 800						0.0340 - 0.0010 0.0170 - 0.0005	.0666 .0347					2 1	UNCH UNCH
TOTAL												1239	
JAN24 350						0.8695 - 0.0160	.7813					35	UNCH
500 TOTAL						0.2150 - 0.0080	.3197					65 100	UNCH
DEC24													
600 700						0.2245 NEW 0.1295 NEW	.2574 .1626				1000 1150	1000 + 1150 +	1000 1150
TOTAL									2150			2150+	2150
HX PUT MAR23		COMEX COPPER OPTIO											
150 175						0.0005 UNCH 0.0005 UNCH						1 3	UNCH
200 220						0.0005 UNCH 0.0005 UNCH						30 12	UNCH UNCH
225 230						0.0005 UNCH 0.0005 UNCH						85 17	UNCH UNCH
235 240						0.0005 UNCH 0.0005 UNCH						22 2	UNCH UNCH
245 250						0.0005 UNCH 0.0005 UNCH						2 2710	UNCH UNCH
255 260						0.0005 UNCH 0.0005 UNCH						2 74	UNCH UNCH
265 270						0.0005 UNCH 0.0005 UNCH	.0000					20 1	UNCH UNCH
275 280						0.0005 UNCH 0.0005 UNCH	.0000					1704 18	UNCH UNCH
285 290						0.0005 UNCH 0.0005 UNCH	.0001			2		13 290	UNCH UNCH
295 300						0.0005 UNCH 0.0005 - 0.0005	.0003					24 388	UNCH
305 310						0.0005 - 0.0005 0.0005 - 0.0005	.0011					232 39	UNCH
315						0.0005 - 0.0005 0.0010 - 0.0005	.0029			2		32 - 459	2 UNCH
320 325						0.0010 - 0.0005	.0058					618	UNCH
330 335						0.0010 - 0.0005 0.0015 - 0.0005	.0061			1		1685 214 -	UNCH 1
340 341						0.0015 - 0.0005 0.0015 - 0.0005	.0095			1		3695 + 50	1 UNCH
342 343						0.0015 - 0.0010 0.0020 - 0.0005	.0097 .0124					10 1	UNCH
344 345						0.0020 - 0.0005 0.0020 - 0.0005	.0126 .0127					21 31	UNCH UNCH
346 347						0.0020 - 0.0005 0.0020 - 0.0005	.0129 .0130					4 23	UNCH UNCH
348 349						0.0020 - 0.0005 0.0020 - 0.0005	.0132 .0134					27 5	UNCH UNCH
350 351						0.0025 - 0.0005 0.0025 - 0.0005	.0161					968 10	UNCH
352 353						0.0025 - 0.0005 0.0025 - 0.0005	.0165					9 90	UNCH
355	0.0025	0.0025	0.0025/0.0025	0.0025/0.0025		0.0023 - 0.0003 0.0030 UNCH 0.0030 - 0.0005	.0198			7		281 32	UNCH UNCH
356 358						0.0030 - 0.0005	.0206					5 5 1	UNCH
359 360			/0.0035A	/0.0035A		0.0035 UNCH 0.0035 - 0.0005	.0235			1		692 -	UNCH 1
361 362			0.0045B/	0.0045B/		0.0035 - 0.0005 0.0040 UNCH	.0242					29 21	UNCH
363 364			/0.0040A 0.0050B/	/0.0040A 0.0050B/		0.0040 - 0.0005 0.0045 UNCH	.0276 .0305					55 3	UNCH UNCH
365 367			/0.0045A 0.0060B/0.0050A	/0.0045A 0.0060B/0.0050A		0.0045 - 0.0005 0.0050 - 0.0005	.0310					222 3	UNCH UNCH
368 369			0.0060B/ 0.0065B/	0.0060B/ 0.0065B/		0.0055 UNCH 0.0060 UNCH	.0375					110 6	UNCH
370 371			0.0070B/ 0.0075B/	0.0070B/ 0.0075B/		0.0060 UNCH 0.0065 UNCH	.0412			1		1031 19 -	UNCH 1
371 372			0.0073B/	0.0080B/		0.0070 UNCH	.0474					25	UNCH

#### **METALS OPTIONS PRODUCTS**

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin







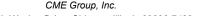


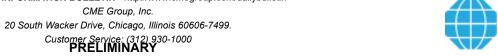
PG64 BULLETIN # 19@ METALS OPTION PRODUCTS Jan 30, 2023 PG64 Mon, OPEN OUTCRY VOLUME GLOBEX OPEN OPEN OUTCRY OPEN RANGE GLOBEX HIGH/LOW OPEN OUTCRY HIGH/LOW OPEN OUTCRY CLOSE RANGE SETT.PRICE & PT.CHGE. DELTA EXER CISES GLOBEX® OPEN INTEREST PNT VOLUME 0.0085B/--0.0090B/0.0075A
0.0100B/0.0080A
0.0100B/0.0080A
0.0105B/0.0085A
0.0115B/0.0090A
0.0120B/0.0095A
0.0130B/0.0100A
0.0120B/0.0105A
0.0150B/0.0105A
0.0150B/0.0105A
0.0150B/0.0115A
0.0160B/0.0120A
0.0170B/0.0135A
0.0210B/0.0155A
0.0220B/0.0165A
0.0220B/0.0165A
0.0220B/0.0165A
0.0220B/0.0165A
0.0270B/0.0195A
0.0255B/0.0185A
0.0270B/0.0195A
0.0255B/0.0355A
0.0350B/0.025A
0.0350B/0.025A
0.0350B/0.0355A
0.0455B/0.0355A
0.0455B/0.0355A
0.0550B/0.0355A
0.0550B/0.0555A
0.0550B/0.0555A .0506 .0537 .0608 .0635 .0668 .0724 .0758 .0814 .0758 .0814 .0758 .0814 .1155 .11213 .11213 .11213 .1155 .11213 .1155 .11213 .1155 .11213 .1155 .11213 .1155 .11213 .1155 .115 .0088/---.0090b/0.0075A
.0100b/0.0085A
.0115b/0.0085A
.0115b/0.0085A
.0115b/0.0095A
.0115b/0.0095A
.0115b/0.0100A
.0120b/0.0150A
.0150b/0.0115A
.0160b/0.0150A
.0160b/0.0150A
.0180b/0.0130A
.0180b/0.0135A
.0195b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0220b/0.0155A
.0235b/0.0155A
.0220b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0250b/0.0155A
.0350b/0.0250A
.035bb/0.0250A
.035bb/0.0250A
.035bb/0.0250A
.035bb/0.0250A
.0350b/0.0250A
.0350b/0.0250A
.0350b/0.0250A
.0450b/0.0355A
.0520b/0.0355A
.0520b/0.0355A
.0520b/0.0355A
.0520b/0.0355A
.0520b/0.0355A
.0550b/0.0355A
.0550b/0.035A
.0550b/0.0355A
.0550b/0.0355A ------------5 0.0125 0.0125 0.0145 0.0155 0.0165 0.0175 0.0190 0.0200 0.0255 0.0230 0.0245 0.0260 0.0275 UNCH 2 1 52 2 2 2 2 203 2 2 2 2 143 UNCH UNCH 2 UNCH 3 150 0.0360 0.0360 0.0400 0.0400 36 ----1 14 4 ----4 6 5 155 ----UNCH UNCH 1 8 2 0.0480 0.0505 0.0530 0.0480 0.0505 0.0530 UNCH 0.0590 0.0615 0.0645 0.0680 0.0590 0.0615 0.0645 0.0680 4 310 10 381 25 0.0735 0.0735 11 ----4 2 0.1060 0.1060 114 21 16 54 600 37 46 10 23 396 10 418 419 420 421 422 423 424 425 426 427 428 429 430 431 433 435 437 440 444 455 500 0.1245 0.1130 0.1245 0.1130 0.1240 0.1240 0.1495 0.1495 0.1495 0.1495 0.1675 0.1675 10 645 23650 1 35 2 27 1 3 15 4 12 35 18 33 359 6  $0.0010 \\ 0.0010$ 1  $0.0010 \\ 0.0010$ 0.0010/\*0.0010 0.0010/\*0.0010 0.0010/\*0.0010 0.0010/\*0.0010 .0000 .0001 .0001 .0018 .0035 .0036 .0035 .0036 .0055 .0075 .0077 .0102 .0123 .0123 .0236 .0145 1 --------1 ----1 ----2 0.0025/\*0.0025 0.0025/\*0.0025 201 33 1287 15 123 33 27 1246 27 10 1 85 10 30 5 0.0025 0.0025 0.00755/0.0075
0.00908/---0.01108/---0.01108/---0.0140/0.0120A
0.01758/0.0150A
0.02108/0.0155A
0.02208/0.0158A
0.02208/0.0215A
0.02208/0.0215A
0.02508/0.0225A
0.02508/0.0225A
0.02508/0.0225A
0.02508/0.0225A
0.02508/0.0225A
0.03658/0.0245A
0.03108/0.0255A
0.03405/0.0255A
0.03405/0.0255A
0.03405/0.0255A
0.03405/0.0255A
0.03508/0.0255A
0.03508/0.0255A
0.03508/0.0255A
0.03508/0.0255A
0.05108/0.0355A
0.15108/0.0355A
0.15108/0.0355A
0.1508/0.0355A
0.1508/0.0355A
0.1508/0.0355A
0.1508/0.0355A
0.1508/0.035A
0.1508/0.0355A
0.1508/0.035A
0.1508/0.0355A
0.1508/0.0355A
0.1508/0.0355A
0.1508/0.0355A
0.2508/0.0355A
0.2508/0.0355A
0.2508/0.0355A 0.0075 0.0075 0.0140 0.0140 0.0220 0.0220 0.0250 0.0240 0.0250 0.0240 5 ----1 10 3844 25 45 20 10 1211 47 22 61 21 14 6188 20 10 63 36 15 50 36 17 7 0.0340 0.0340 0.0465 0.0465 0.1035 0.1035 5 14 12 12 2

## **METALS OPTIONS PRODUCTS**

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin







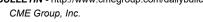
Side 42

64

PG64	4 BULLET	IN # 19@		ME	TALS OPTION PRO	DUCTS				Mon,	Jan 30,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER	OPEN OUTCRY	GLOBEX <sup>©</sup>			OPEN
HX PL		COMEX COPPER OPTI	IONS					CISES	VOLUME	VOLUME	VOLUME	INTE	REST
440 445 450 455 TOTAI	0.3450 0.3820	0.3450 0.3820	0.3185B/0.2770A 0.3545B/0.3100A 0.3920B/0.3445A 0.4310B/0.3810A	0.3185B/0.2770A 0.3545B/0.3100A 0.3920B/0.3445A 0.4310B/0.3810A		0.2990 + 0.0080 0.3340 + 0.0095 0.3705 NEW 0.4085 NEW	.6350 .6720 .7074 .7398			1 1 1 31		2 3 1 + 1 + 5498+	UNCH UNCH 1 1
MAY23 220 225 230 235 240 250	3   	   	   		   	0.0005 UNCH 0.0005 UNCH 0.0005 UNCH 0.0005 UNCH 0.0005 UNCH 0.0005 UNCH	.0001 .0002 .0004 .0006 .0009					3 20 112 11 25 349	UNCH UNCH UNCH UNCH UNCH
255 260 270 275 280 285 290				  		0.0010 UNCH 0.0010 UNCH 0.0015 UNCH 0.0020 UNCH 0.0025 UNCH 0.0030 UNCH 0.0035 UNCH	.0034 .0035 .0053 .0069 .0086 .0103					25 2 210 156 2 400 46	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
300 310 315 320 325 330	0.0050	0.0050    	0.0050/0.0050   0.0115B/ 0.0140B/	0.0050/0.0050   0.0115B/ 0.0140B/ 0.0170B/	==== ==== ==== ====	0.0050 UNCH 0.0070 + 0.0005 0.0080 UNCH 0.0095 UNCH 0.0115 + 0.0005 0.0135 UNCH	.0172 .0241 .0277 .0327 .0392 .0458			1  		132 2 10 9 200 39	UNCH UNCH UNCH UNCH UNCH
335 340 345 350 355 360 365		    	0.0170B/ 0.0205B/ 0.0250B/ 0.0300B/0.0265A 0.0360B/0.0315A 0.0430B/0.0375A 0.0510B/0.0440A	0.0205B/ 0.0250B/ 0.0250B/ 0.0300B/0.0265A 0.0360B/0.0315A 0.0430B/0.0375A 0.0510B/0.0440A	===== ===== ===== =====	0.0160 UNCH 0.0195 + 0.0005 0.0230 + 0.0005 0.0275 + 0.0005 0.0325 + 0.0005 0.0390 + 0.0005 0.0465 + 0.0010	.0538 .0643 .0750 .0881 .1025 .1199 .1392					155 200 14 19 123 15	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
370 375 380 385 390 395	    0.1415	    0.1415	0.06058/0.0515A 0.0710B/0.0610A 0.0830B/0.0705A 0.0970B/0.0825A 0.1120B/0.0955A 0.1290B/0.1105A 0.1475B/0.1270A	0.0605B/0.0515A 0.0710B/0.0610A 0.0830B/0.0705A 0.0970B/0.0825A 0.1120B/0.0955A 0.1290B/0.1105A 0.1475B/0.1270A		0.0550 + 0.0010 0.0645 + 0.0010 0.0755 + 0.0005 0.0880 + 0.0005 0.1025 + 0.0010 0.1185 + 0.0015 0.1365 + 0.0025	.1603 .1832 .2084 .2356 .2650 .2958			    3		15 51 399 12 105 2 169 +	UNCH UNCH UNCH UNCH UNCH UNCH
400 405 410 415 420 425 430		   	0.1680B/0.1455A 0.1905B/0.1650A 0.2150B/0.1870A 0.2410B/0.2110A 0.2685B/0.2360A 0.2980B/0.2630A	0.1680B/0.1270A 0.1680B/0.1455A 0.1905B/0.1650A 0.2150B/0.1870A 0.2410B/0.2110A 0.2685B/0.2360A 0.2980B/0.2630A	===== ===== =====	0.1560 + 0.0030 0.1775 + 0.0035 0.2005 + 0.0040 0.2255 + 0.0045 0.2525 + 0.0055 0.2810 + 0.0065	.3614 .3955 .4300 .4647 .4991			  1 		20 10 52 17 168 21	UNCH UNCH UNCH UNCH UNCH UNCH
435 440 445 TOTAI JUN23 125			0.3285B/0.2920A 0.3615B/0.3220A 0.3955B/0.3540A	0.3285B/0.2920A 0.3615B/0.3220A 0.3955B/0.3540A		0.3115 + 0.0075 0.3430 + 0.0080 0.3765 + 0.0090	.5663 .5986 .6294			 6		2 1 15 3343+	UNCH UNCH UNCH 1
150 250 255 280 290 295				  	   	0.0005 UNCH 0.0035 + 0.0005 0.0035 UNCH 0.0060 UNCH 0.0075 UNCH 0.0085 UNCH	.0001 .0092 .0095 .0171 .0218 .0248					50 1 1 10 10 4	UNCH UNCH UNCH UNCH UNCH UNCH
300 310 315 320 325 330 335		    	0.0145B/ 0.0170B/ 0.0200B/ 0.0235B/ 0.0275B/	0.0145B/ 0.0170B/ 0.0200B/ 0.0235B/ 0.0275B/	    	0.0100 UNCH 0.0140 + 0.0005 0.0160 UNCH 0.0190 + 0.0005 0.0225 + 0.0005 0.0265 + 0.0005 0.0305 + 0.0005	.0290 .0397 .0453 .0530 .0617 .0714					27 11 21 10 18 11	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
340 345 350 355 360 365 370		   	0.0380B/ 0.0440B/0.0405A 0.0515B/0.0465A 0.0595B/0.0535A 0.0685B/0.0615A 0.0790B/0.0705A 0.0905B/0.0805A	0.0380B/ 0.0440B/0.0405A 0.0515B/0.0465A 0.0595B/0.0535A 0.0685B/0.0615A 0.0790B/0.0705A 0.0905B/0.0805A	    	0.0360 + 0.0010 0.0415 + 0.0005 0.0480 + 0.0005 0.0555 + 0.0005 0.0640 + 0.0010 0.0735 + 0.0010 0.0840 + 0.0010	.0939 .1067 .1212 .1372 .1548 .1737 .1940					16 120 3 171 321 20 125	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
375 380 385 390 395 400		  	0.10308/0.0915A 0.11708/0.1040A 0.13258/0.1180A 0.14958/0.1330A 0.16808/0.1495A 0.1875B/0.1675A 0.28308/0.2545A	0.1030B/0.0915A 0.1170B/0.1040A 0.1325B/0.1180A 0.1495B/0.1330A 0.1680B/0.1495A 0.1875B/0.1675A 0.2830B/0.2545A	===== ===== ===== =====	0.0960 + 0.0010 0.1090 + 0.0010 0.1235 + 0.0010 0.1395 + 0.0015 0.1575 + 0.0020 0.1765 + 0.0025 0.2685 + 0.0050	.2160 .2391 .2636 .2893 .3162 .3437 .4583					9 26 94 28 16 24	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
420 425 430 455 480 490 495		  	0.3105B/0.2800A 0.3395B/0.3070A 0.5035B/0.4625A 0.6975B/0.6470A 0.7810B/0.7275A 0.8235B/0.7690A	0.3105B/0.2800A 0.3395B/0.3070A 0.5035B/0.4625A 0.6975B/0.6470A 0.7810B/0.7275A 0.8235B/0.7690A		0.2950 + 0.0050 0.3230 + 0.0055 0.4845 + 0.0095 0.6745 + 0.0130 0.7570 + 0.0140 0.7995 + 0.0150	.4871 .5156 .6478 .7555 .7905 .8067					183 25 1 2 1 1	UNCH UNCH UNCH UNCH UNCH UNCH
500 530 550 560 TOTAI	3		0.8675B/0.8115A 1.1400B/ 1.3295B/ 1.4260B/	0.8675B/0.8115A 1.1400B/ 1.3295B/ 1.4260B/		0.8425 + 0.0155 1.1120 + 0.0170 1.3000 + 0.0180 1.3960 + 0.0185	.8215 .8908 .9216 .9330					1 1 1 1420	UNCH UNCH UNCH UNCH
200 235 260 295 300 310 315		   	  0.0185B/ 0.0240B/ 0.0280B/	  0.0185B/ 0.0240B/ 0.0280B/	    	0.0015 - 0.0005 0.0040 UNCH 0.0070 UNCH 0.0155 UNCH 0.0175 UNCH 0.0230 UNCH 0.0265 UNCH	.0034 .0093 .0168 .0381 .0430 .0556					25 23 65 50 1 20 6	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
320 330 345 350 360 370	   	  	0.0325B/ 0.0430B/ 0.0640B/0.0595A 0.0730B/0.0675A 0.0930B/0.0855A 0.1180B/0.1080A	0.0325B/ 0.0430B/ 0.0640B/0.0595A 0.0730B/0.0675A 0.0930B/0.0855A 0.1180B/0.1080A	==== ==== ==== ====	0.0310 + 0.0005 0.0410 + 0.0005 0.0610 + 0.0010 0.0690 + 0.0005 0.0885 + 0.0015 0.1120 + 0.0020	.0726 .0931 .1315 .1463 .1799 .2178					1 60 65 8 6 148	UNCH UNCH UNCH UNCH UNCH UNCH
375 380 385 390 395 400 405		   	0.1320B/0.1205A 0.1470B/0.1345A 0.1640B/0.1495A 0.1815B/0.1655A 0.2010B/0.1835A 0.2215B/0.2020A 0.2435B/0.2225A	0.1320B/0.1205A 0.1470B/0.1345A 0.1640B/0.1495A 0.1815B/0.1655A 0.2010B/0.1835A 0.2215B/0.2020A 0.2435B/0.2225A		0.1250 + 0.0015 0.1400 + 0.0020 0.1555 + 0.0020 0.1730 + 0.0025 0.1915 + 0.0035 0.2115 + 0.0035 0.2325 + 0.0035	.2381 .2598 .2820 .3054 .3293 .3538 .3787				300	8 21 18 502 12 1 20	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
410 415 420 425 430 445 520 540	  	   	0.2670B/0.2440A 0.2915B/0.2670A 0.3180B/0.2915A 0.3460B/0.3170A 0.3745B/0.3440A 0.4690B/0.4320A 1.0665B/ 1.2485B/	0.2670B/0.2440A 0.2915B/0.2670A 0.3180B/0.2915A 0.3460B/0.3170A 0.3745B/0.3440A 0.4690B/0.4320A 1.0665B/ 1.2485B/		0.2555 + 0.0045 0.2795 + 0.0045 0.3050 + 0.0055 0.3315 + 0.0055 0.3595 + 0.0060 0.4510 + 0.0080 1.0395 + 0.0155 1.2200 + 0.0165	.4040 .4295 .4550 .4804 .5054 .5779 .8363 .8746			8 		1 3 220 8 19 - 8 1	UNCH UNCH UNCH UNCH 8 UNCH UNCH UNCH
TOTAI AUG23 225 255 320 340		  	 0.0425B/ 0.0710B/	 0.0425B/ 0.0710B/	  	0.0030 UNCH 0.0075 UNCH 0.0420 + 0.0010 0.0695 + 0.0015	.0070 .0172 .0872 .1347		300	8  		1321 - 2 10 28 1	UNCH UNCH UNCH UNCH
375 390 400 405 415 420	   	  	0.1555B/0.1460A 0.2080B/0.1940A 0.2495B/0.2320A 0.2720B/0.2525A 0.3205B/0.2980A 0.3470B/0.3225A	0.1555B/0.1460A 0.2080B/0.1940A 0.2495B/0.2320A 0.2720B/0.2525A 0.3205B/0.2980A 0.3470B/0.3225A	  	0.1500 + 0.0025 0.2010 + 0.0035 0.2405 + 0.0040 0.2625 + 0.0045 0.3100 + 0.0055 0.3355 + 0.0060	.2526 .3153 .3596 .3824 .4286 .4518					3 1 9 10 1 68	UNCH UNCH UNCH UNCH UNCH UNCH
SEP23						0.0185 UNCH	.0375					10	UNCH

## **METALS OPTIONS PRODUCTS**

## 2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin



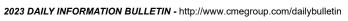


20 South Wacker Drive, Chicago, Illinois 60606-7499. Customer Service: (312) 930-1000 PRELIMINARY

PG64	BULLET	IN # 19@		ME	TALS OPTION PR					Mon,	Jan 30,	2023	PG64
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT		OPEN
HX PUT SEP23 315 350 385 395 400 405 415 420 425 435		COMEX COPPER OP	0.0485B/ 0.1105B/ 0.2150B/ 0.2545B/ 0.2765B/ 0.2900B/ 0.3485B/ 0.3750B/ 0.4025B/ 0.4025B/	0.0485B/ 0.1105B/ 0.2150B/ 0.2545B/ 0.2765B/ 0.3485B/ 0.3750B/ 0.4025B/	     	0.0490 + 0.0010 0.1090 + 0.0020 0.2100 + 0.0035 0.2485 + 0.0040 0.2695 + 0.0050 0.3400 + 0.0055 0.3660 + 0.0065 0.3925 + 0.0065 0.4495 + 0.0075	.0918 .1801 .3031 .3434 .3641 .3851 .4275 .4487 .4698					4 300 20 2 1 1 2 5 34 7	UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
TOTAL 0CT23 320						0.0695 + 0.0010						386 1 1	UNCH
NOV23 415 TOTAL			0.3945B/	0.3945в/		0.3900 + 0.0055	.4252					40 40	UNCH
DEC23 350 370 825 TOTAL			0.2240B/	0.2240B/	====	0.1660 + 0.0020 0.2260 + 0.0030 4.0350 + 0.0195	.2710					150 4 2 156	UNCH UNCH UNCH
FEB24 360 TOTAL						0.2305 + 0.0085	.2530					4 4	UNCH
HXE CA JAN23 385 390 395 410 420 430 440		COPPER OPTIONS	   	    	    	0.3725 UNCH 0.3225 UNCH 0.2725 UNCH 0.1225 UNCH 0.0225 UNCH 0.0000 UNCH 0.0000 UNCH						0 0 0 0 0 0 0 0 0	UNCH UNCH UNCH UNCH UNCH UNCH
425 430 430 435 435 440 440 445 450 455 TOTAL	0.0515 0.0320 0.0330 0.0120  0.0230	0.0515 0.0320 0.0330 0.0120  0.0230	/*0.3755A 0.15958/0.1000A 0.12008/0.0685A 0.08608/*0.0435 0.05958/*0.0270 0.03908/*0.0165 0.08508/*0.0545 0.02408/*0.0100 0.04608/*0.0250 0.01458/*0.0060 0.03258/*0.0175 0.00858/*0.0035 0.01558/*0.0085 /*0.0015A	/*0.3755A 0.15958/0.1000A 0.12008/0.0685A 0.08608/*0.0435 0.05958/*0.0270 0.03908/*0.0165 0.08508/*0.0545 0.02408/*0.0100 0.04608/*0.0250 0.01458/*0.0060 0.03258/*0.0175 0.00858/*0.0035 0.01558/*0.0085 /*0.0015A	==== ==== ==== ==== ==== ==== ====	0.4055 - 0.0205 0.1225 - 0.0200 0.0870 - 0.0190 0.0385 - 0.0170 0.0375 NEW 0.0230 - 0.0110 0.0645 - 0.0130 0.0135 - 0.0085 0.0310 - 0.0110 0.0075 - 0.0060 0.0215 - 0.0085 0.0040 - 0.0045 0.0010 - 0.0045 0.0010 - 0.0015	.9662 .7891 .6627 .5122 .3626 .2365 .3641 .1429 .2423 .0797 .1773 .0415 .0887			  5 1 8  2  1  17		0 3 1 10 11 1 + 13 + 17 10 1 - 11 167 +	UNCH UNCH UNCH 1 2 UNCH UNCH UNCH UNCH UNCH UNCH UNCH UNCH
HXE PU JAN23 400 405 420 425 430 435 TOTAL	JT    	COPPER OPTIONS	   	   	==== ==== ==== ====	0.0000 UNCH 0.0000 UNCH 0.0000 UNCH 0.0275 UNCH 0.0775 UNCH 0.1275 UNCH						0 0 0 0 0	UNCH UNCH UNCH UNCH UNCH UNCH
400 400 405 410 415 415	0.0040  0.0410 0.0420	0.0040  0.0410  0.0420	0.0140B/0.0105A 0.0030B/ 0.0050B/0.0040 0.0095B/0.0065A 0.0240B/0.0160A 0.0165B/0.0160A 0.0165B/0.0165A 0.0475B/0.0270A 0.0720B/0.0420 0.0730B/0.0420 0.1050B/0.0660A 0.1275B/0.0910A 0.1755B/0.1310A 0.2330B/0.1715A	0.0140B/0.0105A 0.0030B/ 0.0050B/0.0040 0.0095B/0.0065A 0.0240B/0.0160A 0.0165B/0.0100A 0.0165B/0.0100A 0.0290B/0.0165A 0.0475B/0.0270A 0.0720B/0.0420 0.1050B/0.0660A 0.1275B/0.0910A 0.1755B/0.1310A 0.2330B/0.1715A	      	0.0005 UNCH 0.0110 UNCH 0.0020 - 0.0005 0.0035 - 0.0010 0.0060 - 0.0015 0.0180 - 0.0005 0.0115 - 0.0005 0.0205 NEW 0.0350 NEW 0.0565 NEW 0.0565 NEW 0.0565 NEW 0.0565 O.005 0.0055 + 0.005 0.1095 + 0.0055 0.1615 + 0.0125	.0012 .0796 .0180 .0341 .0626 .1481 .1207 .2107 .3371 .3865 .4876 .6372 .5855 .8569			10 10 10 2 2 2  486  520		1 3 13 + 12 + 4 4 10 11 + 2 + 2 + 3 + 3 20 1 118 +	UNCH UNCH 7 10 UNCH UNCH 10 2 UNCH 33 UNCH UNCH UNCH UNCH UNCH UNCH
				ALUM	INIUM OPTIONS OF	N FUTURES							
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME	GLOBEX® VOLUME	PNT VOLUME	INTE	OPEN REST
AX OPT MAR23 222500 232500 245000 267500 285000 305000 TOTAL		ALUMINUM OPTION	3.75B/ 9.75B/ 29.75B/19.50A 86.00B/51.75A /18.25A /13.75A /*6.00A	3.75B/ 9.75B/ 29.75B/19.50A 86.00B/51.75A /18.25A /13.75A /*6.00A		3.50 + 0.25 8.75 + 1.50 24.75 + 4.50 63.00 - 22.50 21.75 - 10.00 16.00 - 8.00 7.00 - 3.50					    0	2 2 10 1 170 171 2 358	UNCH UNCH UNCH UNCH UNCH UNCH UNCH
APR23 237500 TOTAL			#41.00B/	#41.00B/		37.00 + 5.25						10 10	UNCH 0
				PLA	TINUM OPTIONS ON	FUTURES							
	GLOBEX OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCR' VOLUMI			INTE	OPEN REST
PAO CA MAR23 1800	ALL 	NYMEX PALLADIUM	OPTIONS 14.00B/	14.00B/		12.60 + 0.90	.1516					1 1	UNCH 0
TOTAL JUN23 1850 1950			====			82.10 + 8.70 61.30 + 5.00	.3528					1 125	UNCH UNCH
2100 2250 TOTAL PAO PL APR23 1635 TOTAL	93.50	NYMEX PALLADIUM	OPTIONS #93.50/*93.50	#93.50/*93.50		42.30 + 2.50 31.60 + 2.00 92.50 NEW	.2003 .1507			10 10		250 125 501 10 + 10 +	UNCH UNCH 0 10 10
JUN23 1650						155.20 - 15.10	.4536					2	UNCH

## **METALS OPTIONS PRODUCTS**

Side 44





**an** 

CME Group, Inc. 20 South Wacker Drive, Chicago, Illinois 60606-7499.

Customer Service: (312) 930-1000 PRELIMINARY

G64 BULL	ETIN # 19@		META	ALS OPTION PR	ODUCTS				Mon, J	an 30,	2023	PG64
GLOBE) OPEN	OPEN OUTCRY OPEN RANGE	GLOBEX HIGH/LOW	OPEN OUTCRY HIGH/LOW	OPEN OUTCRY CLOSE RANGE	SETT.PRICE & PT.CHGE.	DELTA	EXER CISES	OPEN OUTCRY VOLUME		PNT VOLUME	INTI	OPEN EREST
AO PUT OTAL	NYMEX PALLADIUM	OPTIONS									2	c
EP23 795					281.50 - 16.80	.5384					1 1	UNCH
O CALL AR23	PLATINUM OPTION	S										
050 070 090 100 200	   	/*11.40A /7.20A /*4.50A 	/*11.40A /7.20A /*4.50A 		12.60 - 0.10 7.50 - 0.30 4.20 - 0.40 3.10 - 0.40 0.50 - 0.20 0.10 UNCH	.3214 .2141 .1322 .1016 .0195 .0017					1 3 2 50 100 7 163	UNCI UNCI UNCI UNCI UNCI UNCI
PR23 000 050 075 100 300 450		50.90B/47.10A 27.10B/25.50A /*18.40A /*13.10A	50.90B/47.10A 27.10B/25.50A /*18.40A /*13.10A		50.10 + 1.50 27.00 + 0.50 19.10 + 0.10 13.30 - 0.10 0.40 - 0.10 0.10 UNCH	.6035 .4002 .3090 .2316 .0098 .0002		   100		100	209 43 4 504 23 210 993	UNCH UNCH UNCH UNCH UNCH UNCH
UL23 040 100 OTAL		====			62.80 + 0.80 42.20 + 0.50	.5035 .3762					2 11 13	UNC
CT23 400 OTAL					15.80 - 0.10	.1338					225 225	UNC
O PUT AR23	PLATINUM OPTION	S										
925 950 990 000 040 050 070 0TAL	   	/4.30A /12.20A 17.90B/15.40A 39.70B/34.30A 46.90B/40.70A 63.00B/55.40A 89.70B/81.00A	/4.30A /12.20A 17.90B/15.40A 39.70B/34.30A 46.90B/40.70A 63.00B/55.40A 89.70B/81.00A	   	1.80 - 0.20 4.00 - 0.70 12.20 - 1.90 15.50 - 2.30 35.40 - 3.60 42.00 - 3.80 56.80 - 4.10 82.40 - 4.10	.0558 .1153 .2936 .3534 .6166 .6784 .7858 .8983	  				1 1 2 50 2 9 1 67	UNCI UNCI UNCI UNCI UNCI UNCI UNCI
PR23 700 750 800 925 025 300		  /*8.80A /41.20A /55.50A	 /*8.80A /41.20A /55.50A		0.10 UNCH 0.10 UNCH 0.30 UNCH 8.30 - 0.70 41.60 - 2.80 56.30 - 3.20 279.40 - 3.80	.0000 .0008 .0071 .1452 .4993 .5996					200 1 200 22 750 300 11 1484	UNCI UNCI UNCI UNCI UNCI UNCI
AY23 975 29.80 OTAL	29.80	#29.80/29.80	#29.80/29.80		29.80 NEW	.3185			1 1		1 + 1 +	
UL23 900 950 060 100			  		20.20 - 1.90 34.50 - 2.40 87.20 - 3.30 113.90 - 3.40	.1919 .2901 .5409 .6234					1 11 22 22 22 56	UNCH UNCH UNCH UNCH
an24 980 OTAL					66.00 - 2.10	.3557					1 1	UNCI

OPTIONS EOO'S AND BLOCKS

ODUCT	STRIKE PRICE	EOO VOLUME	BLOCK VOLUME

OG CALL MAR23	CALL	COMEX GOLD OPT	IONS	
OG TOTALS	CALL	2145	0	600 600
APR23 OG OG OG TOTALS	CALL	1970 2050 2070	0 0 0 0	300 450 50 800
OG PUT MAR23	PUT	COMEX GOLD OPT	IONS	
OG OG OG TOTALS		1910 1920 1925	0 0 0 0	275 50 500 825
APR23 OG TOTALS	PUT	1900	0	850 850
MAY23 OG TOTALS	PUT	1800	0	250 250
JUN23 OG OG TOTALS	PUT	1930 1950	0 0 0	400 275 675
HX CALL DEC24	CALL	COMEX COPPER OF	PTIONS	
HX HX TOTALS	CALL	600 700	0 0 0	1000 1150 2150
HX PUT	PUT	COMEX COPPER OF	PTIONS	
HX TOTALS	PUI	390	0	300 300
PO CALL APR23	CALL	PLATINUM OPTION	NS	
PO TOTALS	CALL	1100	0	100 100
HRO OPT MAY23	PUT	U.S. MIDWEST DO	OMESTIC HOT-ROLLED CO	
HRO TOTALS	1.01	70000	0	100 100