

LME Valuation - Copper

Cash - 3M: 110.08c

Date: 2024-12-27

Cash 8871.92

3M 8982.00

Jan25 8899.14

Feb25 8942.62

Mar25 8976.39

Apr25 9003.71

May25 9032.12

Jun25 9058.12

Jul25 9079.62

Aug25 9107.12

Sep25 9129.62

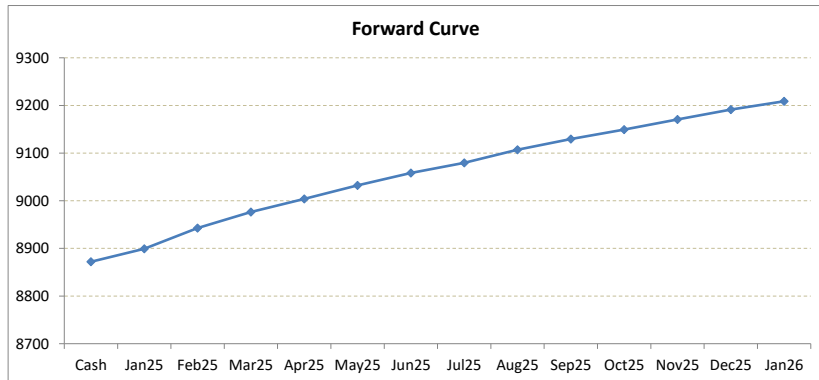
Oct25 9149.44

Nov25 9170.69

Dec25 9191.21

Jan26 9208.71

	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25	Cash-Nov25	Cash-Dec25
Cash	27.22c	70.70c	104.47c	131.79c	160.20c	186.20c	207.70c	235.20c	257.70c	277.52c	298.77c	319.29c
	Jan25-3M	Feb25-3M	Mar25-3M	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25	3M-Nov25	3M-Dec25
3M	82.86c	39.38c	5.61c	21.71c	50.12c	76.12c	97.62c	125.12c	147.62c	167.44c	188.69c	209.21c
	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25	Nov25-Dec25	Dec25-Jan26
3rd wed	43.48c	33.77c	27.32c	28.41c	26.00c	21.50c	27.50c	22.50c	19.82c	21.25c	20.52c	17.50c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Jan25	43.48c	77.25c	104.57c	132.98c	158.98c	180.48c	207.98c	230.48c	250.30c	271.55c	292.07c	309.57c
	Feb25	33.77c	61.09c	89.50c	115.50c	137.00c	164.50c	187.00c	206.82c	228.07c	248.59c	266.09c
		Mar25	27.32c	55.73c	81.73c	103.23c	130.73c	153.23c	173.05c	194.30c	214.82c	232.32c
			Apr25	28.41c	54.41c	75.91c	103.41c	125.91c	145.73c	166.98c	187.50c	205.00c
				May25	26.00c	47.50c	75.00c	97.50c	117.32c	138.57c	159.09c	176.59c
					Jun25	21.50c	49.00c	71.50c	91.32c	112.57c	133.09c	150.59c
						Jul25	27.50c	50.00c	69.82c	91.07c	111.59c	129.09c
							Aug25	22.50c	42.32c	63.57c	84.09c	101.59c
								Sep25	19.82c	41.07c	61.59c	79.09c
									Oct25	21.25c	41.77c	59.27c
										Nov25	20.52c	38.02c
											Dec25	17.50c
												Jan26



*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.

** Source: Reuters

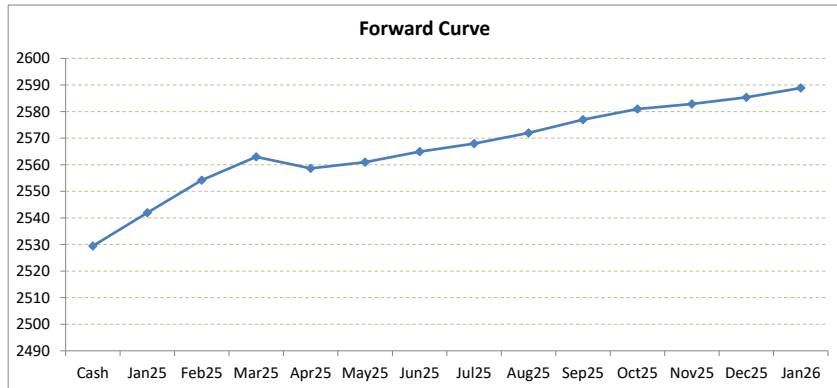
LME Valuation - Aluminium

Cash - 3M: 28.56c

Date: 2024-12-27

Cash 2529.44
3M 2558.00
 Jan25 **2541.94**
 Feb25 **2554.19**
 Mar25 **2562.95**
 Apr25 **2558.63**
 May25 **2560.95**
 Jun25 **2564.95**
 Jul25 **2567.95**
 Aug25 **2571.95**
 Sep25 **2576.95**
 Oct25 **2580.95**
 Nov25 **2582.88**
 Dec25 **2585.38**
 Jan26 **2588.88**

	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25	Cash-Nov25	Cash-Dec25
Cash	12.50c	24.75c	33.51c	29.19c	31.51c	35.51c	38.51c	42.51c	47.51c	51.51c	53.44c	55.94c
	Jan25-3M	Feb25-3M	Mar25-3M	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25	3M-Nov25	3M-Dec25
3M	16.06c	3.81c	4.95b	0.63c	2.95c	6.95c	9.95c	13.95c	18.95c	22.95c	24.88c	27.38c
	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25	Nov25-Dec25	Dec25-Jan26
3rd wed	12.25c	8.76c	4.32b	2.32c	4.00c	3.00c	4.00c	5.00c	4.00c	1.93c	2.50c	3.50c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Jan25	12.25c	21.01c	16.69c	19.01c	23.01c	26.01c	30.01c	35.01c	39.01c	40.94c	43.44c	46.94c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Feb25	8.76c	4.44c	6.76c	10.76c	13.76c	17.76c	22.76c	26.76c	28.69c	31.19c	34.69c	
Mar25		4.32b	2.00b	2.00c	5.00c	9.00c	14.00c	18.00c	19.93c	22.43c	25.93c	
Apr25			2.32c	6.32c	9.32c	13.32c	18.32c	22.32c	24.25c	26.75c	30.25c	
May25				4.00c	7.00c	11.00c	16.00c	20.00c	21.93c	24.43c	27.93c	
Jun25					3.00c	7.00c	12.00c	16.00c	17.93c	20.43c	23.93c	
Jul25						4.00c	9.00c	13.00c	14.93c	17.43c	20.93c	
Aug25							5.00c	9.00c	10.93c	13.43c	16.93c	
Sep25								4.00c	5.93c	8.43c	11.93c	
Oct25									1.93c	4.43c	7.93c	
Nov25										2.50c	6.00c	
Dec25											3.50c	
Jan26												



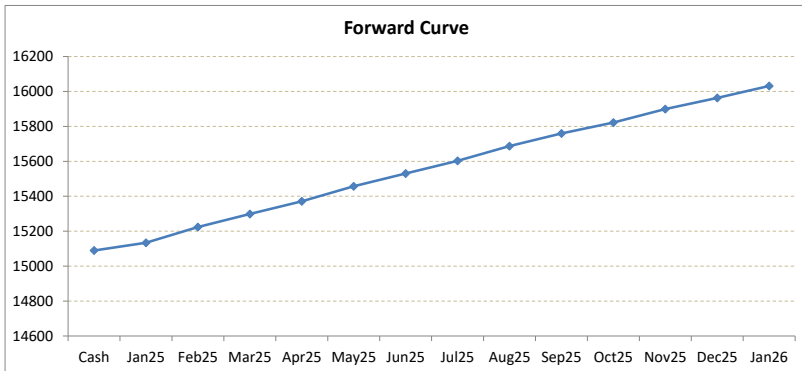
*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.
 ** Source: Reuters

LME Valuation - Nickel

Cash - 3M: 221.62c

Date: 2024-12-27

Cash	15089.38	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25	Cash-Nov25	Cash-Dec25
3M	15311.00	44.50c	134.50c	209.05c	281.49c	367.99c	440.99c	513.49c	597.99c	669.99c	732.99c	809.99c	873.99c
Jan25	15133.88												
Feb25	15223.88	Jan25-3M	Feb25-3M	Mar25-3M	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25	3M-Nov25	3M-Dec25
Mar25	15298.43	177.12c	87.12c	12.57c	59.87c	146.37c	219.37c	291.87c	376.37c	448.37c	511.37c	588.37c	652.37c
Apr25	15370.87												
May25	15457.37	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25	Nov25-Dec25	Dec25-Jan26
Jun25	15530.37	90.00c	74.55c	72.44c	86.50c	73.00c	72.50c	84.50c	72.00c	63.00c	77.00c	64.00c	68.00c
Jul25	15602.87												
Aug25	15687.37	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Sep25	15759.37	90.00c	164.55c	236.99c	323.49c	396.49c	468.99c	553.49c	625.49c	688.49c	765.49c	829.49c	897.49c
Oct25	15822.37	Feb25	74.55c	146.99c	233.49c	306.49c	378.99c	463.49c	535.49c	598.49c	675.49c	739.49c	807.49c
Nov25	15899.37		Mar25	72.44c	158.94c	231.94c	304.44c	388.94c	460.94c	523.94c	600.94c	664.94c	732.94c
Dec25	15963.37			Apr25	86.50c	159.50c	232.00c	316.50c	388.50c	451.50c	528.50c	592.50c	660.50c
Jan26	16031.37				May25	73.00c	145.50c	230.00c	302.00c	365.00c	442.00c	506.00c	574.00c
						Jun25	72.50c	157.00c	229.00c	292.00c	369.00c	433.00c	501.00c
							Jul25	84.50c	156.50c	219.50c	296.50c	360.50c	428.50c
								Aug25	72.00c	135.00c	212.00c	276.00c	344.00c
									Sep25	63.00c	140.00c	204.00c	272.00c
										Oct25	77.00c	141.00c	209.00c
											Nov25	64.00c	132.00c
												Dec25	68.00c
													Jan26



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** Source: Reuters

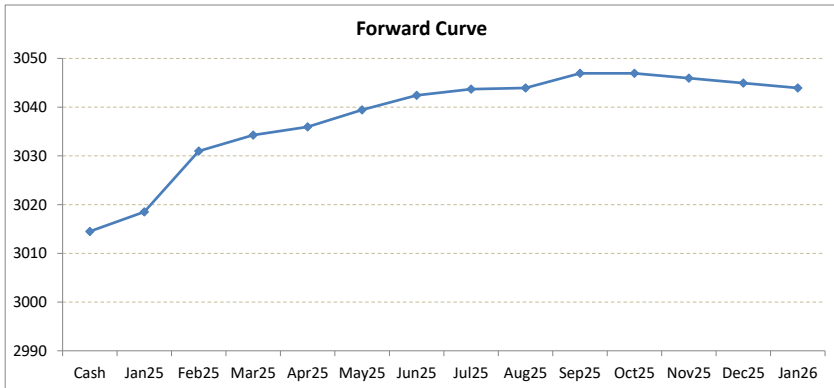
LME Valuation - Zinc

Cash - 3M: 17.00c

Date: 2024-12-27

Cash 3014.50
3M 3031.50
 Jan25 **3018.50**
 Feb25 **3031.00**
 Mar25 **3034.27**
 Apr25 **3035.94**
 May25 **3039.44**
 Jun25 **3042.44**
 Jul25 **3043.69**
 Aug25 **3043.94**
 Sep25 **3046.94**
 Oct25 **3046.94**
 Nov25 **3045.94**
 Dec25 **3044.94**
 Jan26 **3043.94**

	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25	Cash-Nov25	Cash-Dec25
Cash	4.00c	16.50c	19.77c	21.44c	24.94c	27.94c	29.19c	29.44c	32.44c	32.44c	31.44c	30.44c
	Jan25-3M	Feb25-3M	Mar25-3M	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25	3M-Nov25	3M-Dec25
3M	13.00c	0.50c	2.77b	4.44c	7.94c	10.94c	12.19c	12.44c	15.44c	15.44c	14.44c	13.44c
	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25	Nov25-Dec25	Dec25-Jan26
3rd wed	12.50c	3.27c	1.67c	3.50c	3.00c	1.25c	0.25c	3.00c	0.00b	1.00b	1.00b	1.00b
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Jan25	12.50c	15.77c	17.44c	20.94c	23.94c	25.19c	25.44c	28.44c	28.44c	27.44c	26.44c	25.44c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Feb25		3.27c	4.94c	8.44c	11.44c	12.69c	12.94c	15.94c	15.94c	14.94c	13.94c	12.94c
	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26	
Mar25			1.67c	5.17c	8.17c	9.42c	9.67c	12.67c	12.67c	11.67c	10.67c	9.67c
	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26		
Apr25				3.50c	6.50c	7.75c	8.00c	11.00c	11.00c	10.00c	9.00c	8.00c
	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26			
May25					3.00c	4.25c	4.50c	7.50c	7.50c	6.50c	5.50c	4.50c
	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26				
Jun25						1.25c	1.50c	4.50c	4.50c	3.50c	2.50c	1.50c
	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26					
Jul25							0.25c	3.25c	3.25c	2.25c	1.25c	0.25c
	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26						
Aug25								3.00c	3.00c	2.00c	1.00c	0.00b
	Sep25	Oct25	Nov25	Dec25	Jan26							
Sep25									0.00b	1.00b	2.00b	3.00b
	Oct25	Nov25	Dec25	Jan26								
Oct25										1.00b	2.00b	3.00b
	Nov25	Dec25	Jan26									
Nov25											1.00b	2.00b
	Dec25	Jan26										
Dec25												1.00b
	Jan26											
Jan26												



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 ** Source: Reuters

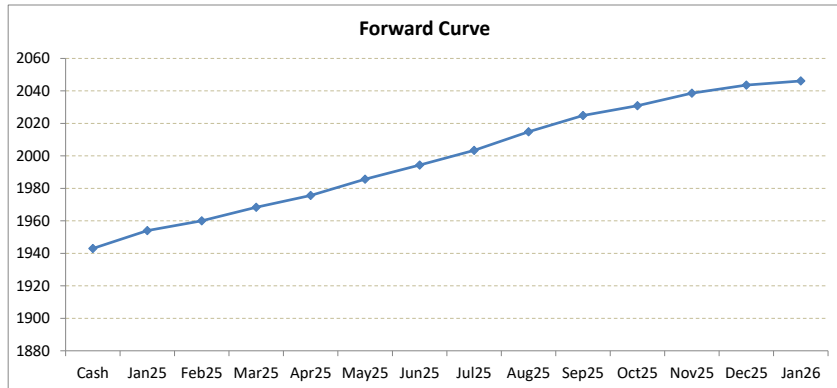
LME Valuation - Lead

Cash - 3M: 26.50c

Date: 2024-12-27

Cash 1943.00
3M 1969.50
 Jan25 **1954.00**
 Feb25 **1960.00**
 Mar25 **1968.35**
 Apr25 **1975.63**
 May25 **1985.63**
 Jun25 **1994.38**
 Jul25 **2003.38**
 Aug25 **2014.88**
 Sep25 **2024.88**
 Oct25 **2030.88**
 Nov25 **2038.63**
 Dec25 **2043.63**
 Jan26 **2046.13**

	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25	Cash-Nov25	Cash-Dec25
Cash	11.00c	17.00c	25.35c	32.63c	42.63c	51.38c	60.38c	71.88c	81.88c	87.88c	95.63c	100.63c
	Jan25-3M	Feb25-3M	Mar25-3M	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25	3M-Nov25	3M-Dec25
3M	15.50c	9.50c	1.15c	6.13c	16.13c	24.88c	33.88c	45.38c	55.38c	61.38c	69.13c	74.13c
	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25	Nov25-Dec25	Dec25-Jan26
3rd wed	6.00c	8.35c	7.28c	10.00c	8.75c	9.00c	11.50c	10.00c	6.00c	7.75c	5.00c	2.50c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Jan25	6.00c	14.35c	21.63c	31.63c	40.38c	49.38c	60.88c	70.88c	76.88c	84.63c	89.63c	92.13c
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26
Feb25		8.35c	15.63c	25.63c	34.38c	43.38c	54.88c	64.88c	70.88c	78.63c	83.63c	86.13c
Mar25			7.28c	17.28c	26.03c	35.03c	46.53c	56.53c	62.53c	70.28c	75.28c	77.78c
Apr25				10.00c	18.75c	27.75c	39.25c	49.25c	55.25c	63.00c	68.00c	70.50c
May25					8.75c	17.75c	29.25c	39.25c	45.25c	53.00c	58.00c	60.50c
Jun25						9.00c	20.50c	30.50c	36.50c	44.25c	49.25c	51.75c
Jul25							11.50c	21.50c	27.50c	35.25c	40.25c	42.75c
Aug25								10.00c	16.00c	23.75c	28.75c	31.25c
Sep25									6.00c	13.75c	18.75c	21.25c
Oct25										7.75c	12.75c	15.25c
Nov25											5.00c	7.50c
Dec25												2.50c
Jan26												



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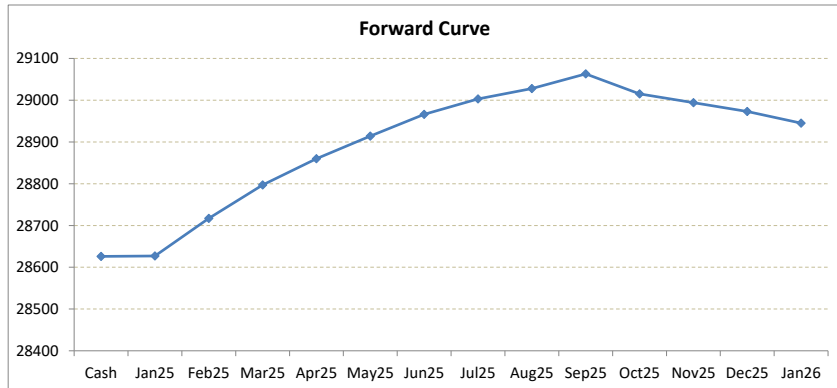
LME Valuation - Tin

Cash - 3M: 184.00c

Date: 2024-12-27

Cash 28626.00
3M 28810.00
 Jan25 **28627.00**
 Feb25 **28717.00**
 Mar25 **28797.00**
 Apr25 **28860.00**
 May25 **28914.00**
 Jun25 **28966.00**
 Jul25 **29003.00**
 Aug25 **29028.00**
 Sep25 **29063.00**
 Oct25 **29015.00**
 Nov25 **28994.00**
 Dec25 **28973.00**
 Jan26 **28945.00**

	Cash-Jan25	Cash-Feb25	Cash-Mar25	Cash-Apr25	Cash-May25	Cash-Jun25	Cash-Jul25	Cash-Aug25	Cash-Sep25	Cash-Oct25	Cash-Nov25	Cash-Dec25	
Cash	1.00c	91.00c	171.00c	234.00c	288.00c	340.00c	377.00c	402.00c	437.00c	389.00c	368.00c	347.00c	
	Jan25-3M	Feb25-3M	Mar25-3M	3M-Apr25	3M-May25	3M-Jun25	3M-Jul25	3M-Aug25	3M-Sep25	3M-Oct25	3M-Nov25	3M-Dec25	
3M	183.00c	93.00c	13.00c	50.00c	104.00c	156.00c	193.00c	218.00c	253.00c	205.00c	184.00c	163.00c	
	Jan25-Feb25	Feb25-Mar25	Mar25-Apr25	Apr25-May25	May25-Jun25	Jun25-Jul25	Jul25-Aug25	Aug25-Sep25	Sep25-Oct25	Oct25-Nov25	Nov25-Dec25	Dec25-Jan26	
3rd wed	90.00c	80.00c	63.00c	54.00c	52.00c	37.00c	25.00c	35.00c	48.00b	21.00b	21.00b	28.00b	
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26	
Jan25	90.00c	170.00c	233.00c	287.00c	339.00c	376.00c	401.00c	436.00c	388.00c	367.00c	346.00c	318.00c	
	Feb25	Mar25	Apr25	May25	Jun25	Jul25	Aug25	Sep25	Oct25	Nov25	Dec25	Jan26	
Feb25		80.00c	143.00c	197.00c	249.00c	286.00c	311.00c	346.00c	298.00c	277.00c	256.00c	228.00c	
Mar25			63.00c	117.00c	169.00c	206.00c	231.00c	266.00c	218.00c	197.00c	176.00c	148.00c	
Apr25				54.00c	106.00c	143.00c	168.00c	203.00c	155.00c	134.00c	113.00c	85.00c	
May25					52.00c	89.00c	114.00c	149.00c	101.00c	80.00c	59.00c	31.00c	
Jun25						37.00c	62.00c	97.00c	49.00c	28.00c	7.00c	21.00b	
Jul25							25.00c	60.00c	12.00c	9.00b	30.00b	58.00b	
Aug25								35.00c	13.00b	34.00b	55.00b	83.00b	
Sep25									48.00b	69.00b	90.00b	118.00b	
Oct25										21.00b	42.00b	70.00b	
Nov25											21.00b	49.00b	
Dec25												28.00b	
Jan26													28.00b



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 ** Source: Reuters

