

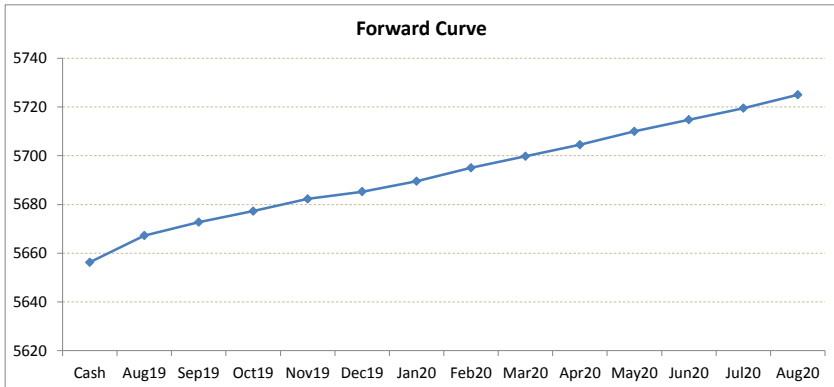
# LME Valuation - Copper

Cash - 3M: 26.75c

Date: 2019-08-06

**Cash 5656.25**  
**3M 5683.00**  
 Aug19 5667.25  
 Sep19 5672.75  
 Oct19 5677.25  
 Nov19 5682.25  
 Dec19 5685.25  
 Jan20 5689.50  
 Feb20 5695.00  
 Mar20 5699.75  
 Apr20 5704.50  
 May20 5710.00  
 Jun20 5714.75  
 Jul20 5719.50  
 Aug20 5725.00

	Cash-Aug19	Cash-Sep19	Cash-Oct19	Cash-Nov19	Cash-Dec19	Cash-Jan20	Cash-Feb20	Cash-Mar20	Cash-Apr20	Cash-May20	Cash-Jun20	Cash-Jul20
Cash	11.00c	16.50c	21.00c	26.00c	29.00c	33.25c	38.75c	43.50c	48.25c	53.75c	58.50c	63.25c
	Aug19-3M	Sep19-3M	Oct19-3M	3M-Nov19	3M-Dec19	3M-Jan20	3M-Feb20	3M-Mar20	3M-Apr20	3M-May20	3M-Jun20	3M-Jul20
3M	15.75c	10.25c	5.75c	0.75b	2.25c	6.50c	12.00c	16.75c	21.50c	27.00c	31.75c	36.50c
	Aug19-Sep19	Sep19-Oct19	Oct19-Nov19	Nov19-Dec19	Dec19-Jan20	Jan20-Feb20	Feb20-Mar20	Mar20-Apr20	Apr20-May20	May20-Jun20	Jun20-Jul20	Jul20-Aug20
3rd wed	5.50c	4.50c	5.00c	3.00c	4.25c	5.50c	4.75c	4.75c	5.50c	4.75c	4.75c	5.50c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	5.50c	10.00c	15.00c	18.00c	22.25c	27.75c	32.50c	37.25c	42.75c	47.50c	52.25c	57.75c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
		4.50c	9.50c	12.50c	16.75c	22.25c	27.00c	31.75c	37.25c	42.00c	46.75c	52.25c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
			5.00c	8.00c	12.25c	17.75c	22.50c	27.25c	32.75c	37.50c	42.25c	47.75c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
				3.00c	7.25c	12.75c	17.50c	22.25c	27.75c	32.50c	37.25c	42.75c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
					4.25c	9.75c	14.50c	19.25c	24.75c	29.50c	34.25c	39.75c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
						5.50c	10.25c	15.00c	20.50c	25.25c	30.00c	35.50c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
							4.75c	9.50c	15.00c	19.75c	24.50c	30.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
								4.75c	10.25c	15.00c	19.75c	25.25c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
									5.50c	10.25c	15.00c	20.50c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
										4.75c	9.50c	15.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
											4.75c	10.25c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
												5.50c



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 \*\* Source: Reuters

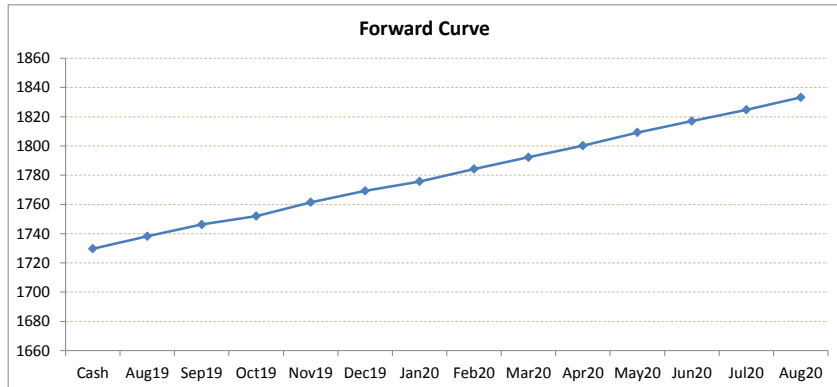
# LME Valuation - Aluminium

Cash - 3M: 29.25c

Date: 2019-08-06

**Cash** 1729.75  
**3M** 1759.00  
 Aug19 1738.25  
 Sep19 1746.25  
 Oct19 1752.00  
 Nov19 1761.50  
 Dec19 1769.25  
 Jan20 1775.75  
 Feb20 1784.25  
 Mar20 1792.25  
 Apr20 1800.25  
 May20 1809.25  
 Jun20 1817.00  
 Jul20 1824.75  
 Aug20 1833.25

	Cash-Aug19	Cash-Sep19	Cash-Oct19	Cash-Nov19	Cash-Dec19	Cash-Jan20	Cash-Feb20	Cash-Mar20	Cash-Apr20	Cash-May20	Cash-Jun20	Cash-Jul20
Cash	8.50c	16.50c	22.25c	31.75c	39.50c	46.00c	54.50c	62.50c	70.50c	79.50c	87.25c	95.00c
	Aug19-3M	Sep19-3M	Oct19-3M	3M-Nov19	3M-Dec19	3M-Jan20	3M-Feb20	3M-Mar20	3M-Apr20	3M-May20	3M-Jun20	3M-Jul20
3M	20.75c	12.75c	7.00c	2.50c	10.25c	16.75c	25.25c	33.25c	41.25c	50.25c	58.00c	65.75c
	Aug19-Sep19	Sep19-Oct19	Oct19-Nov19	Nov19-Dec19	Dec19-Jan20	Jan20-Feb20	Feb20-Mar20	Mar20-Apr20	Apr20-May20	May20-Jun20	Jun20-Jul20	Jul20-Aug20
3rd wed	8.00c	5.75c	9.50c	7.75c	6.50c	8.50c	8.00c	8.00c	9.00c	7.75c	7.75c	8.50c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	8.00c	13.75c	23.25c	31.00c	37.50c	46.00c	54.00c	62.00c	71.00c	78.75c	86.50c	95.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	8.00c	5.75c	15.25c	23.00c	29.50c	38.00c	46.00c	54.00c	63.00c	70.75c	78.50c	87.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19		9.50c	17.25c	23.75c	32.25c	40.25c	48.25c	57.25c	65.00c	72.75c	81.25c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19			7.75c	14.25c	22.75c	30.75c	38.75c	47.75c	55.50c	63.25c	71.75c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19				6.50c	15.00c	23.00c	31.00c	40.00c	47.75c	55.50c	64.00c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19					8.50c	16.50c	24.50c	33.50c	41.25c	49.00c	57.50c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19						8.00c	16.00c	25.00c	32.75c	40.50c	49.00c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19							8.00c	17.00c	24.75c	32.50c	41.00c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19								9.00c	16.75c	24.50c	33.00c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19									7.75c	15.50c	24.00c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19										7.75c	16.25c	
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19											8.50c	



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 \*\* Source: Reuters



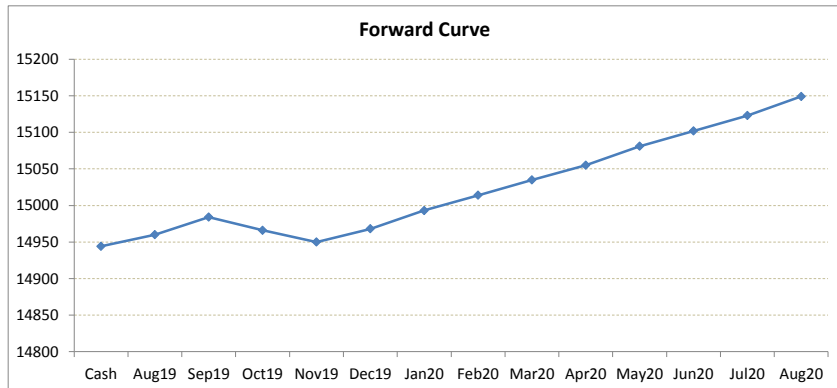
# LME Valuation - Nickel

Cash - 3M: 1.00c

Date: 2019-08-06

**Cash 14944.00**  
**3M 14945.00**  
 Aug19 **14960.00**  
 Sep19 **14984.00**  
 Oct19 **14966.00**  
 Nov19 **14950.00**  
 Dec19 **14968.00**  
 Jan20 **14993.00**  
 Feb20 **15014.00**  
 Mar20 **15035.00**  
 Apr20 **15055.00**  
 May20 **15081.00**  
 Jun20 **15102.00**  
 Jul20 **15123.00**  
 Aug20 **15149.00**

	Cash-Aug19	Cash-Sep19	Cash-Oct19	Cash-Nov19	Cash-Dec19	Cash-Jan20	Cash-Feb20	Cash-Mar20	Cash-Apr20	Cash-May20	Cash-Jun20	Cash-Jul20
Cash	16.00c	40.00c	22.00c	6.00c	24.00c	49.00c	70.00c	91.00c	111.00c	137.00c	158.00c	179.00c
	Aug19-3M	Sep19-3M	Oct19-3M	3M-Nov19	3M-Dec19	3M-Jan20	3M-Feb20	3M-Mar20	3M-Apr20	3M-May20	3M-Jun20	3M-Jul20
3M	15.00b	39.00b	21.00b	5.00c	23.00c	48.00c	69.00c	90.00c	110.00c	136.00c	157.00c	178.00c
	Aug19-Sep19	Sep19-Oct19	Oct19-Nov19	Nov19-Dec19	Dec19-Jan20	Jan20-Feb20	Feb20-Mar20	Mar20-Apr20	Apr20-May20	May20-Jun20	Jun20-Jul20	Jul20-Aug20
3rd wed	24.00c	18.00b	16.00b	18.00c	25.00c	21.00c	21.00c	20.00c	26.00c	21.00c	21.00c	26.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	24.00c	6.00c	10.00b	8.00c	33.00c	54.00c	75.00c	95.00c	121.00c	142.00c	163.00c	189.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
		18.00b	34.00b	16.00b	9.00c	30.00c	51.00c	71.00c	97.00c	118.00c	139.00c	165.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
			16.00b	2.00c	27.00c	48.00c	69.00c	89.00c	115.00c	136.00c	157.00c	183.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
				18.00c	43.00c	64.00c	85.00c	105.00c	131.00c	152.00c	173.00c	199.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
					25.00c	46.00c	67.00c	87.00c	113.00c	134.00c	155.00c	181.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
						21.00c	42.00c	62.00c	88.00c	109.00c	130.00c	156.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
							21.00c	41.00c	67.00c	88.00c	109.00c	135.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
								20.00c	46.00c	67.00c	88.00c	114.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
									26.00c	47.00c	68.00c	94.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
										21.00c	42.00c	68.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
											21.00c	47.00c
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
												26.00c



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 \*\* Source: Reuters

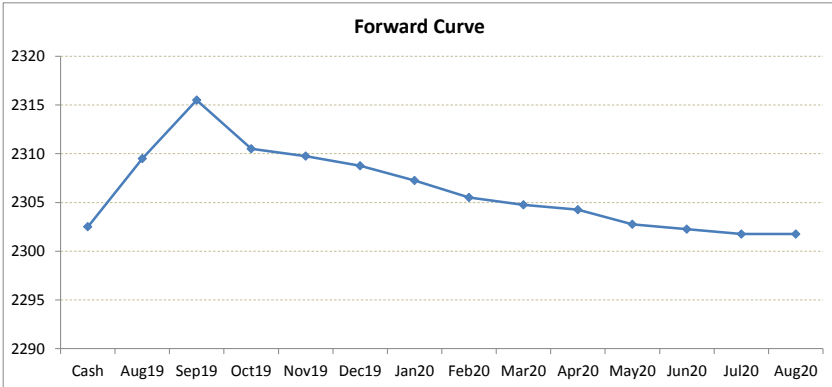
# LME Valuation - Zinc

Cash - 3M: 7.50c

Date: 2019-08-06

Cash 2302.50  
 3M 2310.00  
 Aug19 2309.50  
 Sep19 2315.50  
 Oct19 2310.50  
 Nov19 2309.75  
 Dec19 2308.75  
 Jan20 2307.25  
 Feb20 2305.50  
 Mar20 2304.75  
 Apr20 2304.25  
 May20 2302.75  
 Jun20 2302.25  
 Jul20 2301.75  
 Aug20 2301.75

	Cash-Aug19	Cash-Sep19	Cash-Oct19	Cash-Nov19	Cash-Dec19	Cash-Jan20	Cash-Feb20	Cash-Mar20	Cash-Apr20	Cash-May20	Cash-Jun20	Cash-Jul20
Cash	7.00c	13.00c	8.00c	7.25c	6.25c	4.75c	3.00c	2.25c	1.75c	0.25c	0.25b	0.75b
	Aug19-3M	Sep19-3M	Oct19-3M	3M-Nov19	3M-Dec19	3M-Jan20	3M-Feb20	3M-Mar20	3M-Apr20	3M-May20	3M-Jun20	3M-Jul20
3M	0.50c	5.50b	0.50b	0.25b	1.25b	2.75b	4.50b	5.25b	5.75b	7.25b	7.75b	8.25b
	Aug19-Sep19	Sep19-Oct19	Oct19-Nov19	Nov19-Dec19	Dec19-Jan20	Jan20-Feb20	Feb20-Mar20	Mar20-Apr20	Apr20-May20	May20-Jun20	Jun20-Jul20	Jul20-Aug20
3rd wed	6.00c	5.00b	0.75b	1.00b	1.50b	1.75b	0.75b	0.50b	1.50b	0.50b	0.50b	0.00b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	6.00c	1.00c	0.25c	0.75b	2.25b	4.00b	4.75b	5.25b	6.75b	7.25b	7.75b	7.75b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
		5.00b	5.75b	6.75b	8.25b	10.00b	10.75b	11.25b	12.75b	13.25b	13.75b	13.75b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
			0.75b	1.75b	3.25b	5.00b	5.75b	6.25b	7.75b	8.25b	8.75b	8.75b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
				1.00b	2.50b	4.25b	5.00b	5.50b	7.00b	7.50b	8.00b	8.00b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
					1.50b	3.25b	4.00b	4.50b	6.00b	6.50b	7.00b	7.00b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
						1.75b	2.50b	3.00b	4.50b	5.00b	5.50b	5.50b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
							0.75b	1.25b	2.75b	3.25b	3.75b	3.75b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
								0.50b	2.00b	2.50b	3.00b	3.00b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
									1.50b	2.00b	2.50b	2.50b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
										0.50b	1.00b	1.00b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
											0.50b	0.50b
	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
												0.00b



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 \*\* Source: Reuters

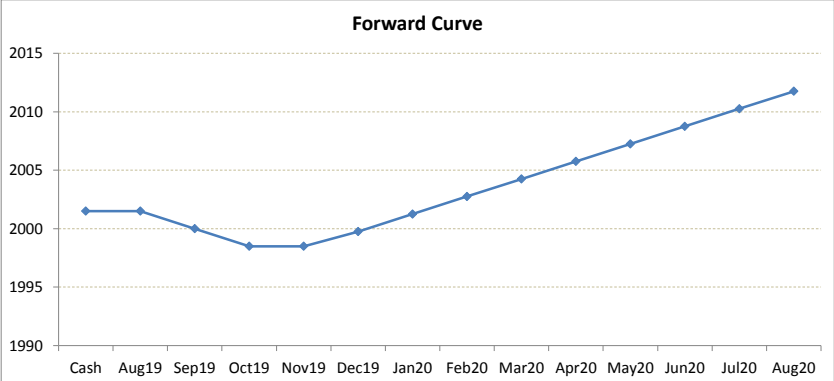
# LME Valuation - Lead

Cash - 3M: **3.50b**

Date: **2019-08-06**

**Cash**    **2001.50**  
**3M**       **1998.00**  
 Aug19    **2001.50**  
 Sep19    **2000.00**  
 Oct19    **1998.50**  
 Nov19    **1998.50**  
 Dec19    **1999.75**  
 Jan20    **2001.25**  
 Feb20    **2002.75**  
 Mar20    **2004.25**  
 Apr20    **2005.75**  
 May20    **2007.25**  
 Jun20    **2008.75**  
 Jul20    **2010.25**  
 Aug20    **2011.75**

Cash	Cash-Aug19	Cash-Sep19	Cash-Oct19	Cash-Nov19	Cash-Dec19	Cash-Jan20	Cash-Feb20	Cash-Mar20	Cash-Apr20	Cash-May20	Cash-Jun20	Cash-Jul20
Cash	0.00b	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c
3M	Aug19-3M	Sep19-3M	Oct19-3M	3M-Nov19	3M-Dec19	3M-Jan20	3M-Feb20	3M-Mar20	3M-Apr20	3M-May20	3M-Jun20	3M-Jul20
3M	3.50b	2.00b	0.50b	0.50c	1.75c	3.25c	4.75c	6.25c	7.75c	9.25c	10.75c	12.25c
3rd wed	Aug19-Sep19	Sep19-Oct19	Oct19-Nov19	Nov19-Dec19	Dec19-Jan20	Jan20-Feb20	Feb20-Mar20	Mar20-Apr20	Apr20-May20	May20-Jun20	Jun20-Jul20	Jul20-Aug20
3rd wed	1.50b	1.50b	0.00b	1.25c	1.50c	1.50c	1.50c	1.50c	1.50c	1.50c	1.50c	1.50c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	3.00b	3.00b	1.75b	0.25b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c
Aug19	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Aug19	1.50b	1.50b	0.00b	1.25c	2.75c	4.25c	5.75c	7.25c	8.75c	10.25c	11.75c	13.25c



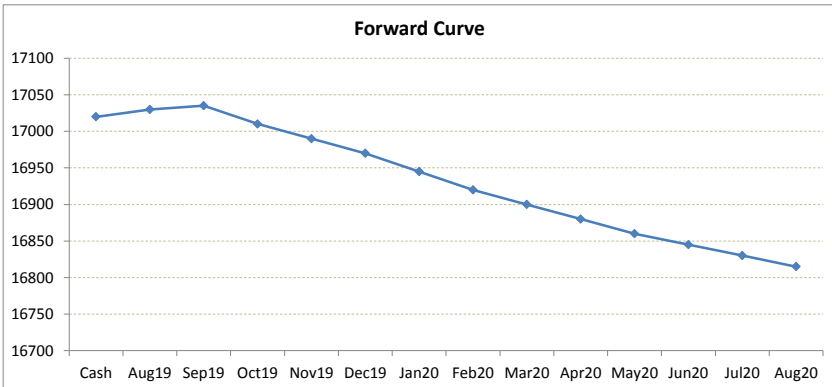
\*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.  
 \*\* Source: Reuters

# LME Valuation - Tin

Cash - 3M: **20.00b**

Date: **2019-08-06**

<b>Cash</b>	<b>17020.00</b>	Cash-Aug19	Cash-Sep19	Cash-Oct19	Cash-Nov19	Cash-Dec19	Cash-Jan20	Cash-Feb20	Cash-Mar20	Cash-Apr20	Cash-May20	Cash-Jun20	Cash-Jul20
<b>3M</b>	<b>17000.00</b>	10.00c	15.00c	10.00b	30.00b	50.00b	75.00b	100.00b	120.00b	140.00b	160.00b	175.00b	190.00b
Aug19	<b>17030.00</b>												
Sep19	<b>17035.00</b>	Aug19-3M	Sep19-3M	Oct19-3M	3M-Nov19	3M-Dec19	3M-Jan20	3M-Feb20	3M-Mar20	3M-Apr20	3M-May20	3M-Jun20	3M-Jul20
Oct19	<b>17010.00</b>	30.00b	35.00b	10.00b	10.00b	30.00b	55.00b	80.00b	100.00b	120.00b	140.00b	155.00b	170.00b
Nov19	<b>16990.00</b>												
Dec19	<b>16970.00</b>	Aug19-Sep19	Sep19-Oct19	Oct19-Nov19	Nov19-Dec19	Dec19-Jan20	Jan20-Feb20	Feb20-Mar20	Mar20-Apr20	Apr20-May20	May20-Jun20	Jun20-Jul20	Jul20-Aug20
Jan20	<b>16945.00</b>	3rd wed	5.00c	25.00b	20.00b	20.00b	25.00b	25.00b	20.00b	20.00b	20.00b	15.00b	15.00b
Feb20	<b>16920.00</b>												
Mar20	<b>16900.00</b>	Sep19	Oct19	Nov19	Dec19	Jan20	Feb20	Mar20	Apr20	May20	Jun20	Jul20	Aug20
Apr20	<b>16880.00</b>	Aug19	5.00c	20.00b	40.00b	60.00b	85.00b	110.00b	130.00b	150.00b	170.00b	185.00b	200.00b
May20	<b>16860.00</b>	Sep19	25.00b	45.00b	65.00b	90.00b	115.00b	135.00b	155.00b	175.00b	190.00b	205.00b	220.00b
Jun20	<b>16845.00</b>	Oct19	20.00b	40.00b	65.00b	90.00b	110.00b	130.00b	150.00b	165.00b	180.00b	195.00b	
Jul20	<b>16830.00</b>	Nov19	20.00b	45.00b	70.00b	90.00b	110.00b	130.00b	145.00b	160.00b	175.00b		
Aug20	<b>16815.00</b>	Dec19	25.00b	50.00b	70.00b	90.00b	110.00b	125.00b	140.00b	155.00b			
		Jan20	25.00b	45.00b	65.00b	85.00b	100.00b	115.00b	130.00b				
		Feb20	20.00b	40.00b	60.00b	75.00b	90.00b	105.00b					
		Mar20	20.00b	40.00b	55.00b	70.00b	85.00b						
		Apr20	20.00b	35.00b	50.00b	65.00b							
		May20	15.00b	30.00b	45.00b								
		Jun20	15.00b	30.00b									
		Jul20	15.00b										
		Aug20											



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

