

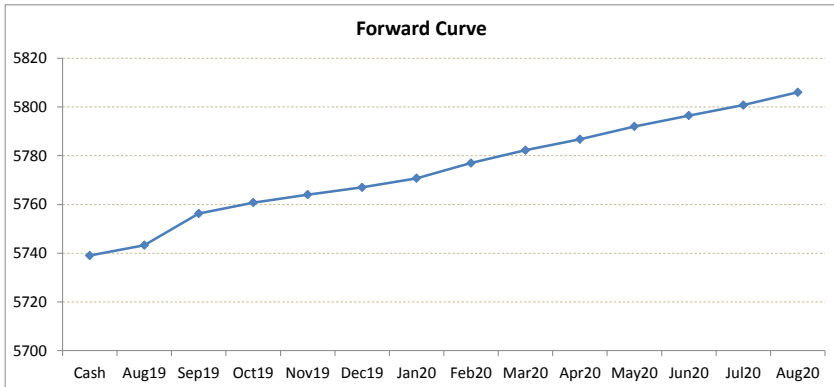
LME Valuation - Copper

Cash - 3M: 26.00c

Date: 2019-08-14

Cash 5739.00
3M 5765.00
 Aug19 5743.25
 Sep19 5756.25
 Oct19 5760.75
 Nov19 5764.00
 Dec19 5767.00
 Jan20 5770.75
 Feb20 5777.00
 Mar20 5782.25
 Apr20 5786.75
 May20 5792.00
 Jun20 5796.50
 Jul20 5800.75
 Aug20 5806.00

| | 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 | 4.25c | 17.25c | 21.75c | 25.00c | 28.00c | 31.75c | 38.00c | 43.25c | 47.75c | 53.00c | 57.50c | 61.75c |
| | 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 | 21.75c | 8.75c | 4.25c | 1.00b | 2.00c | 5.75c | 12.00c | 17.25c | 21.75c | 27.00c | 31.50c | 35.75c |
| | 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 | 13.00c | 4.50c | 3.25c | 3.00c | 3.75c | 6.25c | 5.25c | 4.50c | 5.25c | 4.50c | 4.25c | 5.25c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 13.00c | 17.50c | 20.75c | 23.75c | 27.50c | 33.75c | 39.00c | 43.50c | 48.75c | 53.25c | 57.50c | 62.75c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | 4.50c | 7.75c | 10.75c | 14.50c | 20.75c | 26.00c | 30.50c | 35.75c | 40.25c | 44.50c | 49.75c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | 3.25c | 6.25c | 10.00c | 16.25c | 21.50c | 26.00c | 31.25c | 35.75c | 40.00c | 45.25c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | 3.00c | 6.75c | 13.00c | 18.25c | 22.75c | 28.00c | 32.50c | 36.75c | 42.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | 3.75c | 10.00c | 15.25c | 19.75c | 25.00c | 29.50c | 33.75c | 39.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | 6.25c | 11.50c | 16.00c | 21.25c | 25.75c | 30.00c | 35.25c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | | 5.25c | 9.75c | 15.00c | 19.50c | 23.75c | 29.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | | | 4.50c | 9.75c | 14.25c | 18.50c | 23.75c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | | | | 5.25c | 9.75c | 14.00c | 19.25c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | | | | | 4.50c | 8.75c | 14.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | | | | | | 4.25c | 9.50c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| | | | | | | | | | | | | 5.25c |



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 ** Source: Reuters

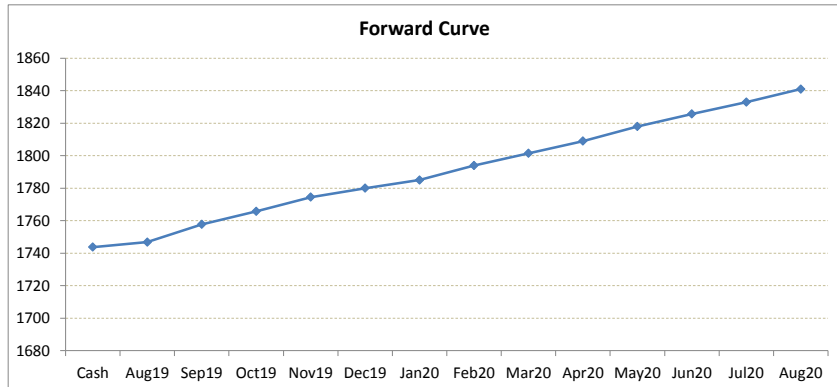
LME Valuation - Aluminium

Cash - 3M: 31.25c

Date: 2019-08-14

Cash 1743.75
3M 1775.00
 Aug19 **1746.75**
 Sep19 **1757.75**
 Oct19 **1765.75**
 Nov19 **1774.50**
 Dec19 **1780.00**
 Jan20 **1785.00**
 Feb20 **1794.00**
 Mar20 **1801.50**
 Apr20 **1809.00**
 May20 **1818.00**
 Jun20 **1825.75**
 Jul20 **1833.00**
 Aug20 **1841.00**

| | 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 | 3.00c | 14.00c | 22.00c | 30.75c | 36.25c | 41.25c | 50.25c | 57.75c | 65.25c | 74.25c | 82.00c | 89.25c |
| | 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 | 28.25c | 17.25c | 9.25c | 0.50b | 5.00c | 10.00c | 19.00c | 26.50c | 34.00c | 43.00c | 50.75c | 58.00c |
| | 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 | 11.00c | 8.00c | 8.75c | 5.50c | 5.00c | 9.00c | 7.50c | 7.50c | 9.00c | 7.75c | 7.25c | 8.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 11.00c | 19.00c | 27.75c | 33.25c | 38.25c | 47.25c | 54.75c | 62.25c | 71.25c | 79.00c | 86.25c | 94.25c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 11.00c | 19.00c | 27.75c | 33.25c | 38.25c | 47.25c | 54.75c | 62.25c | 71.25c | 79.00c | 86.25c | 94.25c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 8.00c | 16.75c | 22.25c | 27.25c | 36.25c | 43.75c | 51.25c | 60.25c | 68.00c | 75.25c | 83.25c | |
| | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | |
| Aug19 | 8.75c | 14.25c | 19.25c | 28.25c | 35.75c | 43.25c | 52.25c | 60.00c | 67.25c | 75.25c | | |
| | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | |
| Aug19 | 5.50c | 10.50c | 19.50c | 27.00c | 34.50c | 43.50c | 51.25c | 58.50c | 66.50c | | | |
| | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | |
| Aug19 | 5.00c | 14.00c | 21.50c | 29.00c | 38.00c | 45.75c | 53.00c | 61.00c | | | | |
| | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | |
| Aug19 | 9.00c | 16.50c | 24.00c | 33.00c | 40.75c | 48.00c | 56.00c | | | | | |
| | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | | |
| Aug19 | 7.50c | 15.00c | 24.00c | 31.75c | 39.00c | 47.00c | | | | | | |
| | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | | | |
| Aug19 | 7.50c | 16.50c | 24.25c | 31.50c | 39.50c | | | | | | | |
| | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | | | | |
| Aug19 | 9.00c | 16.75c | 24.00c | 32.00c | | | | | | | | |
| | May20 | Jun20 | Jul20 | Aug20 | | | | | | | | |
| Aug19 | 7.75c | 15.00c | 23.00c | | | | | | | | | |
| | Jun20 | Jul20 | Aug20 | | | | | | | | | |
| Aug19 | 7.25c | 15.25c | 8.00c | | | | | | | | | |
| | Jul20 | Aug20 | | | | | | | | | | |
| Aug19 | 8.00c | | | | | | | | | | | |



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 ** Source: Reuters

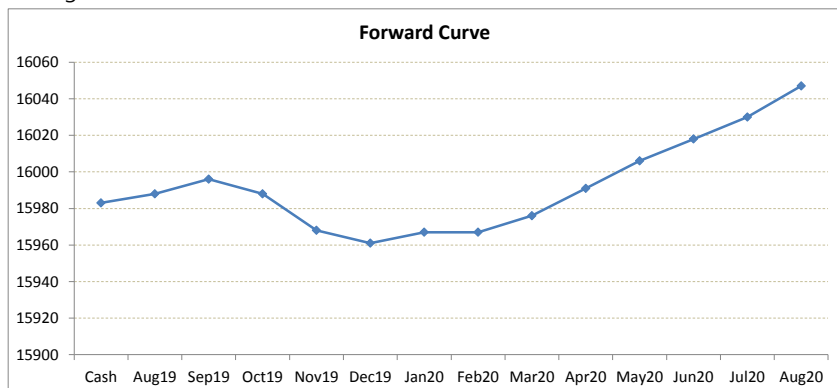
LME Valuation - Nickel

Cash - 3M: **13.00b**

Date: **2019-08-14**

Cash 15983.00
3M 15970.00
 Aug19 **15988.00**
 Sep19 **15996.00**
 Oct19 **15988.00**
 Nov19 **15968.00**
 Dec19 **15961.00**
 Jan20 **15967.00**
 Feb20 **15967.00**
 Mar20 **15976.00**
 Apr20 **15991.00**
 May20 **16006.00**
 Jun20 **16018.00**
 Jul20 **16030.00**
 Aug20 **16047.00**

| | 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 | 5.00c | 13.00c | 5.00c | 15.00b | 22.00b | 16.00b | 16.00b | 7.00b | 8.00c | 23.00c | 35.00c | 47.00c |
| | 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 | 18.00b | 26.00b | 18.00b | 2.00b | 9.00b | 3.00b | 3.00b | 6.00c | 21.00c | 36.00c | 48.00c | 60.00c |
| | 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 | 8.00c | 8.00b | 20.00b | 7.00b | 6.00c | 0.00b | 9.00c | 15.00c | 15.00c | 12.00c | 12.00c | 17.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 8.00c | 0.00b | 20.00b | 27.00b | 21.00b | 21.00b | 12.00b | 3.00c | 18.00c | 30.00c | 42.00c | 59.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 8.00c | 8.00b | 28.00b | 35.00b | 29.00b | 29.00b | 20.00b | 5.00b | 10.00c | 22.00c | 34.00c | 51.00c |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | 20.00b | 27.00b | 21.00b | 21.00b | 12.00b | 3.00c | 18.00c | 30.00c | 42.00c | 59.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | 7.00b | 1.00b | 1.00b | 8.00c | 23.00c | 38.00c | 50.00c | 62.00c | 79.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | 6.00c | 6.00c | 15.00c | 30.00c | 45.00c | 57.00c | 69.00c | 86.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | 0.00b | 9.00c | 24.00c | 39.00c | 51.00c | 63.00c | 80.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | 9.00c | 24.00c | 39.00c | 51.00c | 63.00c | 80.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | | 15.00c | 30.00c | 42.00c | 54.00c | 71.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | | | 15.00c | 27.00c | 39.00c | 56.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | | | | 12.00c | 24.00c | 41.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | | | | | 12.00c | 29.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | | | | | | 17.00c | |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | | | | | | | | | | | | 17.00c |



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 ** Source: Reuters

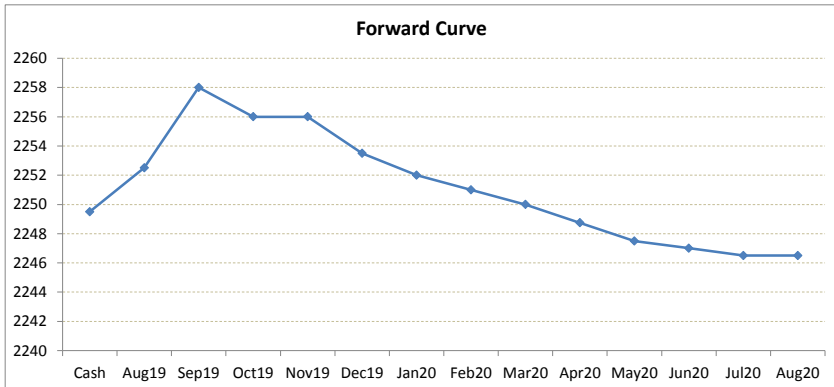
LME Valuation - Zinc

Cash - 3M: 6.50c

Date: 2019-08-14

Cash 2249.50
3M 2256.00
 Aug19 2252.50
 Sep19 2258.00
 Oct19 2256.00
 Nov19 2256.00
 Dec19 2253.50
 Jan20 2252.00
 Feb20 2251.00
 Mar20 2250.00
 Apr20 2248.75
 May20 2247.50
 Jun20 2247.00
 Jul20 2246.50
 Aug20 2246.50

| | 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 | 3.00c | 8.50c | 6.50c | 6.50c | 4.00c | 2.50c | 1.50c | 0.50c | 0.75b | 2.00b | 2.50b | 3.00b |
| | 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 | 3.50c | 2.00b | 0.00b | 0.00b | 2.50b | 4.00b | 5.00b | 6.00b | 7.25b | 8.50b | 9.00b | 9.50b |
| | 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 | 2.00b | 0.00b | 2.50b | 1.50b | 1.00b | 1.00b | 1.25b | 1.25b | 0.50b | 0.50b | 0.00b |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 5.50c | 3.50c | 3.50c | 1.00c | 0.50b | 1.50b | 2.50b | 3.75b | 5.00b | 5.50b | 6.00b | 6.00b |
| | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Aug19 | 2.00b | 2.00b | 4.50b | 6.00b | 7.00b | 8.00b | 9.25b | 10.50b | 11.00b | 11.50b | 11.50b | |
| | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | |
| Aug19 | 0.00b | 2.50b | 4.00b | 5.00b | 6.00b | 7.25b | 8.50b | 9.00b | 9.50b | 9.50b | | |
| | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | |
| Aug19 | 1.50b | 2.50b | 3.50b | 4.75b | 6.00b | 6.50b | 7.00b | 7.00b | | | | |
| | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | | |
| Aug19 | 1.00b | 2.00b | 3.25b | 4.50b | 5.00b | 5.50b | 5.50b | | | | | |
| | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | | | |
| Aug19 | 1.00b | 2.25b | 3.50b | 4.00b | 4.50b | 4.50b | | | | | | |
| | Apr20 | May20 | Jun20 | Jul20 | Aug20 | | | | | | | |
| Aug19 | 1.25b | 2.50b | 3.00b | 3.50b | 3.50b | | | | | | | |
| | May20 | Jun20 | Jul20 | Aug20 | | | | | | | | |
| Aug19 | 1.25b | 1.75b | 2.25b | 2.25b | | | | | | | | |
| | Jun20 | Jul20 | Aug20 | | | | | | | | | |
| Aug19 | 0.50b | 1.00b | 1.00b | | | | | | | | | |
| | Jul20 | Aug20 | | | | | | | | | | |
| Aug19 | 0.50b | 0.50b | | | | | | | | | | |
| | Aug20 | | | | | | | | | | | |
| Aug19 | 0.00b | | | | | | | | | | | |



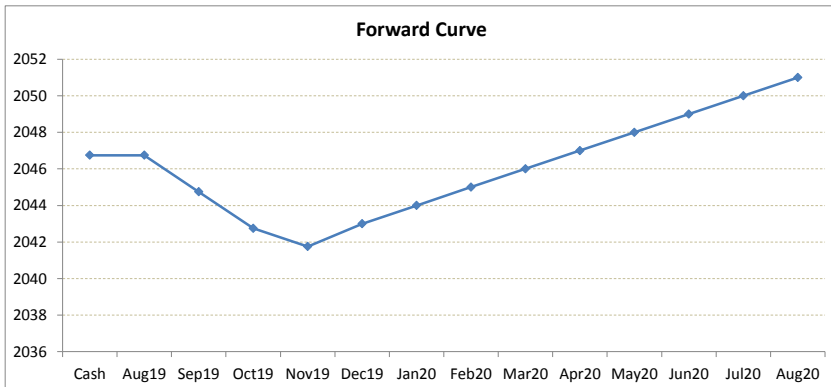
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 ** Source: Reuters

LME Valuation - Lead

Cash - 3M: **5.75b**

Date: **2019-08-14**

| | | | | | | | | | | | | | |
|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Cash | 2046.75 | Cash-Aug19 | Cash-Sep19 | Cash-Oct19 | Cash-Nov19 | Cash-Dec19 | Cash-Jan20 | Cash-Feb20 | Cash-Mar20 | Cash-Apr20 | Cash-May20 | Cash-Jun20 | Cash-Jul20 |
| 3M | 2041.00 | 0.00b | 2.00b | 4.00b | 5.00b | 3.75b | 2.75b | 1.75b | 0.75b | 0.25c | 1.25c | 2.25c | 3.25c |
| Aug19 | 2046.75 | | | | | | | | | | | | |
| Sep19 | 2044.75 | 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 | 2042.75 | 5.75b | 3.75b | 1.75b | 0.75c | 2.00c | 3.00c | 4.00c | 5.00c | 6.00c | 7.00c | 8.00c | 9.00c |
| Nov19 | 2041.75 | | | | | | | | | | | | |
| Dec19 | 2043.00 | 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 | 2044.00 | 2.00b | 2.00b | 1.00b | 1.25c | 1.00c | 1.00c | 1.00c | 1.00c | 1.00c | 1.00c | 1.00c | 1.00c |
| Feb20 | 2045.00 | | | | | | | | | | | | |
| Mar20 | 2046.00 | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Apr20 | 2047.00 | 2.00b | 4.00b | 5.00b | 3.75b | 2.75b | 1.75b | 0.75b | 0.25c | 1.25c | 2.25c | 3.25c | 4.25c |
| May20 | 2048.00 | Sep19 | 2.00b | 3.00b | 1.75b | 0.75b | 0.25c | 1.25c | 2.25c | 3.25c | 4.25c | 5.25c | 6.25c |
| Jun20 | 2049.00 | | Oct19 | 1.00b | 0.25c | 1.25c | 2.25c | 3.25c | 4.25c | 5.25c | 6.25c | 7.25c | 8.25c |
| Jul20 | 2050.00 | | | Nov19 | 1.25c | 2.25c | 3.25c | 4.25c | 5.25c | 6.25c | 7.25c | 8.25c | 9.25c |
| Aug20 | 2051.00 | | | | Dec19 | 1.00c | 2.00c | 3.00c | 4.00c | 5.00c | 6.00c | 7.00c | 8.00c |



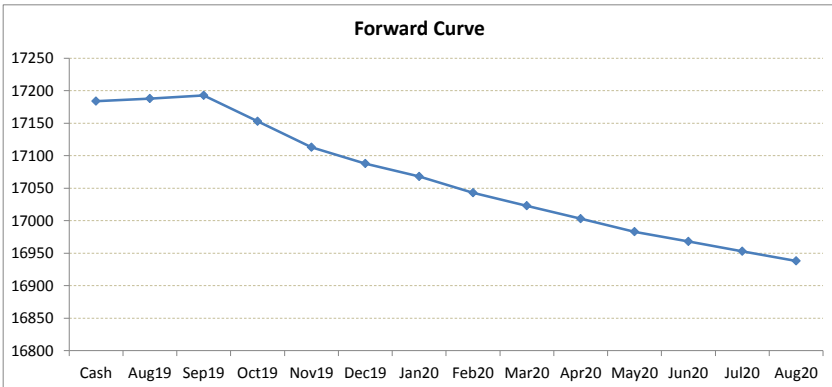
*본 자료는 LME에서 공시하는 Valuation을 토대로 작성된 것으로 실제 거래 시의 스프레드와는 무관합니다.
** Source: Reuters

LME Valuation - Tin

Cash - 3M: **59.00b**

Date: **2019-08-14**

| | | | | | | | | | | | | | |
|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Cash | 17184.00 | Cash-Aug19 | Cash-Sep19 | Cash-Oct19 | Cash-Nov19 | Cash-Dec19 | Cash-Jan20 | Cash-Feb20 | Cash-Mar20 | Cash-Apr20 | Cash-May20 | Cash-Jun20 | Cash-Jul20 |
| 3M | 17125.00 | 4.00c | 9.00c | 31.00b | 71.00b | 96.00b | 116.00b | 141.00b | 161.00b | 181.00b | 201.00b | 216.00b | 231.00b |
| Aug19 | 17188.00 | | | | | | | | | | | | |
| Sep19 | 17193.00 | 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 | 17153.00 | 63.00b | 68.00b | 28.00b | 12.00b | 37.00b | 57.00b | 82.00b | 102.00b | 122.00b | 142.00b | 157.00b | 172.00b |
| Nov19 | 17113.00 | | | | | | | | | | | | |
| Dec19 | 17088.00 | 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 | 17068.00 | 5.00c | 40.00b | 40.00b | 25.00b | 20.00b | 25.00b | 20.00b | 20.00b | 20.00b | 15.00b | 15.00b | 15.00b |
| Feb20 | 17043.00 | | | | | | | | | | | | |
| Mar20 | 17023.00 | Sep19 | Oct19 | Nov19 | Dec19 | Jan20 | Feb20 | Mar20 | Apr20 | May20 | Jun20 | Jul20 | Aug20 |
| Apr20 | 17003.00 | 5.00c | 35.00b | 75.00b | 100.00b | 120.00b | 145.00b | 165.00b | 185.00b | 205.00b | 220.00b | 235.00b | 250.00b |
| May20 | 16983.00 | Sep19 | 40.00b | 80.00b | 105.00b | 125.00b | 150.00b | 170.00b | 190.00b | 210.00b | 225.00b | 240.00b | 255.00b |
| Jun20 | 16968.00 | | Oct19 | 40.00b | 65.00b | 85.00b | 110.00b | 130.00b | 150.00b | 170.00b | 185.00b | 200.00b | 215.00b |
| Jul20 | 16953.00 | | | Nov19 | 25.00b | 45.00b | 70.00b | 90.00b | 110.00b | 130.00b | 145.00b | 160.00b | 175.00b |
| Aug20 | 16938.00 | | | | Dec19 | 20.00b | 45.00b | 65.00b | 85.00b | 105.00b | 120.00b | 135.00b | 150.00b |
| | | | | | | 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 |



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 ** Source: Reuters