

GERMANY / Import Prices for Hard Coal / Exchange Rates

(All figures for the current year and the year before are preliminary!)

Steam Coal Prices in US-\$/tce (cv: 7000 kcal/kg)

cif ARA*

| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | Year |
|------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2015 | 77,90 | 68,76 | 73,58 | 69,22 | 70,39 | 66,86 | 69,41 | 67,25 | 64,40 | 60,55 | 63,12 | 58,00 | 67,45 |
| 2016 | 56,19 | 52,34 | 53,00 | 52,61 | 54,48 | 59,31 | 62,94 | 71,19 | 71,12 | 88,52 | 100,25 | 100,42 | 68,53 |
| 2017 | 101,15 | 97,64 | 91,16 | 90,50 | 85,93 | 90,25 | 97,81 | 97,79 | 103,06 | 107,32 | 110,75 | 107,25 | 98,38 |
| 2018 | 112,23 | 105,54 | 94,21 | 93,45 | 99,75 | 110,58 | 116,55 | 110,27 | 117,41 | 118,35 | 113,97 | 100,42 | 107,73 |
| 2019 | 98,40 | 92,17 | 87,38 | 63,71 | 67,78 | 59,05 | 62,43 | 68,50 | 66,22 | 69,81 | 65,52 | 64,86 | 72,15 |

Source: several price statistics / own calculations *) monthly price = first weekly price in a month

BAFA-Price for German steam coal Imports from Non-EU-Countries in €/tce

free German border

Please note that from 2019 onwards BAFA prices will not be longer published. An update of BAFA prices will be available on the VDKi website, only for members.

| | 1. Quartal | 2. Quartal | 3. Quartal | 4. Quartal | Year |
|------|---------------|---------------|---------------|---------------|-------|
| 2015 | 71,99 | 69,64 | 66,10 | 64,06 | 67,90 |
| 2016 | 56,87 | 56,12 | 65,03 | 88,28 | 67,07 |
| 2017 | 95,75 | 86,40 | 88,07 | 94,07 | 91,82 |
| 2018 | 89,88 | 88,25 | 100,79 | 100,91 | 95,49 |

Source: BAFA

Hard coking coal import prices in US-\$/t

| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | Jahr* |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2015 | 96,91 | 106,37 | 109,84 | 111,38 | 105,74 | 106,09 | 103,38 | 98,65 | 93,14 | 87,60 | 88,73 | 90,66 | 100,28 |
| 2016 | 86,38 | 79,95 | 79,43 | 75,85 | 75,99 | 76,23 | 84,86 | 86,92 | 85,84 | 94,83 | 98,21 | 134,03 | 87,68 |
| 2017 | 154,44 | 205,03 | 198,25 | 210,35 | 201,68 | 182,86 | 189,61 | 159,79 | 146,86 | 145,34 | 144,64 | 155,48 | 174,84 |
| 2018** | 151,70 | 154,51 | 164,32 | 161,44 | 170,95 | 173,65 | 167,37 | 160,81 | 165,47 | 161,66 | 158,72 | 174,69 | 163,87 |
| 2019** | 160,54 | 173,23 | 179,22 | 169,01 | 177,18 | 177,85 | 179,79 | 169,38 | 159,75 | 163,22 | | | 171,83 |

*) volume-weighted average

**) blue = corrections by DESTATIS

Source: DESTATIS (Federal Office for Statistics), evaluation by VDKi

Hard coke import prices in US-\$/t

free German border*

| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | Year |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2015 | 177,62 | 184,31 | 194,37 | 195,52 | 195,29 | 213,67 | 171,44 | 194,83 | 186,46 | 176,42 | 177,43 | 189,78 | 187,04 |
| 2016 | 167,32 | 165,22 | 165,81 | 164,06 | 134,69 | 147,90 | 150,67 | 141,96 | 158,86 | 170,82 | 184,76 | 194,36 | 159,82 |
| 2017 | 249,55 | 281,04 | 280,04 | 259,68 | 265,54 | 229,19 | 244,85 | 230,54 | 243,36 | 255,13 | 262,00 | 274,84 | 256,34 |
| 2018* | 267,50 | 259,60 | 259,50 | 279,22 | 276,56 | 285,78 | 279,02 | 273,21 | 275,35 | 266,83 | 265,20 | 267,27 | 271,61 |
| 2019* | 268,91 | 265,17 | 300,50 | 249,31 | 281,37 | 269,67 | 279,60 | 272,35 | 277,60 | 244,93 | | | 274,14 |

Source: DESTATIS (Federal Office for Statistics), evaluation by VDKi

*) blue = corrections by DESTATIS

ECB Exchange Rates in €/US-\$

| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | Year |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2015 | 0,8605 | 0,8811 | 0,9227 | 0,9277 | 0,8969 | 0,8918 | 0,9094 | 0,8977 | 0,8912 | 0,8901 | 0,9314 | 0,9194 | 0,9013 |
| 2016 | 0,9208 | 0,9015 | 0,9009 | 0,8819 | 0,8841 | 0,8906 | 0,9034 | 0,8919 | 0,8919 | 0,9069 | 0,9260 | 0,9485 | 0,9034 |
| 2017 | 0,9422 | 0,9396 | 0,9359 | 0,9326 | 0,9043 | 0,8906 | 0,8687 | 0,8470 | 0,8393 | 0,8506 | 0,8519 | 0,8449 | 0,8852 |
| 2018 | 0,8197 | 0,8098 | 0,8106 | 0,8146 | 0,8466 | 0,8563 | 0,8557 | 0,8659 | 0,8577 | 0,8708 | 0,8797 | 0,8783 | 0,8467 |
| 2019 | 0,8760 | 0,8810 | 0,9237 | 0,8898 | 0,8941 | 0,8855 | 0,8914 | 0,8988 | 0,9088 | 0,9047 | 0,9049 | 0,9017 | 0,8964 |

Source: euro reference exchange rates of European Central Bank - converted into €/US-\$; March 2019: preliminary