

## 2.G.4(c) - Charcoal

In sub-category *NFR 2.G.4( c) - Charcoal* TSP, PM<sub>10</sub> and PM<sub>2.5</sub> emissions from charcoal used for barbecue are reported.

| Method | AD | EF | Key Category   |
|--------|----|----|--|
| T1     | NS | D  | For <b>2.G.</b> <b>L:</b> TSP, Cd, PM <sub>10</sub> / <b>L &amp; T:</b> PM <sub>2.5</sub> , Pb |

**T** = key source by Trend **L** = key source by Level

| Methods   |                                 |
|-----------|---------------------------------|
| <b>D</b>  | Default                         |
| <b>T1</b> | Tier 1 / Simple Methodology *   |
| <b>T2</b> | Tier 2*                         |
| <b>T3</b> | Tier 3 / Detailed Methodology * |
| <b>C</b>  | CORINAIR                        |
| <b>CS</b> | Country Specific                |
| <b>M</b>  | Model                           |

\* as described in the EMEP/EEA Emission Inventory Guidebook - 2019, in the group specific chapters.

| AD - Data Source for Activity Data |                                      |
|------------------------------------|--------------------------------------|
| <b>NS</b>                          | National Statistics                  |
| <b>RS</b>                          | Regional Statistics                  |
| <b>IS</b>                          | International Statistics             |
| <b>PS</b>                          | Plant Specific data                  |
| <b>As</b>                          | Associations, business organisations |
| <b>Q</b>                           | specific Questionnaires (or surveys) |
| <b>M</b>                           | Model / Modelled                     |
| <b>C</b>                           | Confidential                         |
| EF - Emission Factors              |                                      |
| <b>D</b>                           | Default (EMEP Guidebook)             |
| <b>C</b>                           | Confidential                         |
| <b>CS</b>                          | Country Specific                     |
| <b>PS</b>                          | Plant Specific data                  |
| <b>M</b>                           | Model / Modelled                     |

## Methodology

### Activity data

The annual charcoal consumption for barbecue is calculated as annual import + production - export, and the relevant volumes of charcoal are extracted from national statistics by the Federal Statistical Office. Other applications for charcoal are not included.

The model is based on the two assumptions that there is no storage of charcoal and that all charcoal is burned.

The amount of charcoal used for barbecue has been ever-expanding from 1990 to 2012 and is predominantly imported. As there is only one big producer, produced amounts and resulting emissions are confidential.

### Emission factors

The emission factors are derived from the CEPMEIP Database (SNAP: 060508)<sup>1)</sup>

<sup>1)</sup>

(CEPMEIP), CEPMEIP Database, SNAP code : 060508; URL:

[http://www.air.sk/tno/cepmeip/em\\_factors.php?PHPSESSID=cc235582eb4e09bf725d6f859deb382d](http://www.air.sk/tno/cepmeip/em_factors.php?PHPSESSID=cc235582eb4e09bf725d6f859deb382d)