



Update log: The table below shows changes & corrections made to chapters of the [EMEP EEA air pollutant emission inventory guidebook 2013](#) since it was first published in August 2013.

24-Jul-15

Date	NFR	Chapter title	Table no.	Type	Description of change
Sept 2013	1.A.2	Combustion in manufacturing industries and construction	3-3, 3-4	Correction	Units of emission factors for heavy metals and POPs corrected
Nov 2013	2.D.3.i, 2.G	Other solvent and product use	3-13	Correction	References corrected from 'Italian IIR' to 'Swiss IIR (2012)'
Dec 2013	1.A.3.a	Aviation	Annex	Correction	Data for several aircraft types corrected to correct inconsistencies. Details are provided in the accompanying Annex spreadsheet.
Aug 2014	1.A.3.a	Aviation	Annex. Tables 2-1, 3-5, 3-11, 3-12	Revision, correction	BADA-related information removed upon Eurocontrol request
July 2014	1.B.2.a.iv	Fugitive emissions oil - Refining, storage	3-2, 3-3	Correction	PCDD/F emission factor was incorrectly provided in Table 3-2 and has been moved to Table 3-3
July 2014	2.D.3.b	Road paving with asphalt	Section 3.3.3	Correction	Equation (5) for determining $EF_{\text{technology,abated}}$ corrected: $(1-n_{\text{abatement}})$
July 2014	3.B	Manure management	3-3	Correction	Incorrect emission factors for dairy cows (17,937) and other cattle (8,902) corrected to 17.937 and 8.902 respectively
July 2014	General guidance	Key category analysis and methodological choice	2-1	Update	Source category codes updated from NFR09 to NFR2014
Sept 2014	1.A.3.b	Road transport		Update	<ul style="list-style-type: none"> a) Updated emission factors of regulated and non regulated pollutants for Euro 5/V and Euro 6/VI vehicles, including CO, HC, NO_x, PM, NH₃, N₂O, and NO₂; b) Revisions and updates, where necessary, of NH₃, N₂O and NO₂ emission factors for pre Euro 5/V technologies; c) Revision of Dioxin and Furan emission factors; d) Inclusion of PCB emission factors.
July 2015	1.A.3.a	Aviation	Annex	Correction	Correction made to column headings for flight length - column originally labelled 6000 nm is actually 6500 nm, column originally labelled 6500 nm is 8180 nm
July 2015	3.B	Manure management	Section 3.3.2	Correction	Correction made in formula describing $E_{\text{NMVOC,house}_i}$ which was missing the term $\text{Frac}_{\text{silage}}$