

2.1 - Wood Processing

Category Code		Method	AD	EF														
2.I		T1	NS	CS														
Method(s) applied																		
D		Default																
T1		Tier 1 / Simple Methodology *																
T2		Tier 2*																
T3		Tier 3 / Detailed Methodology *																
C		CORINAIR																
CS		Country Specific																
M		Model																
* as described in the EMEP/EEA Emission Inventory Guidebook - 2019, in category chapters.																		
(source for) Activity Data																		
NS		National Statistics																
RS		Regional Statistics																
IS		International Statistics																
PS		Plant Specific																
As		Associations, business organisations																
Q		specific Questionnaires (or surveys)																
M		Model / Modelled																
C		Confidential																
(source for) Emission Factors																		
D		Default (EMEP Guidebook)																
CS		Country Specific																
PS		Plant Specific																
M		Model / Modelled																
C		Confidential																
NO _x		NMVOC		SO ₂		NH ₃		PM _{2.5}	PM ₁₀	TSP	BC	CO	Pb	Cd	Hg	Diox	PAH	HCB
-		-/-		-		-		-/-	-/-	-/-	-	-	-	-	-	-	-	-
L/-	key source by Level only																	
-/T	key source by Trend only																	
L/T	key source by both Level and Trend																	
-/-	no key source for this pollutant																	
IE	emission of specific pollutant Included Elsewhere (i.e. in another category)																	
NE	emission of specific pollutant Not Estimated (yet)																	
NA	specific pollutant not emitted from this source or activity = Not Applicable																	
*	no analysis done																	

This industrial sector essentially includes the production of chipboards. It's of minor meaning with view on emissions.

Chipboards is made from wood chips with added binders under the influence of pressure and heat. The main source of NMVOC emissions are the wood chips used, from which NMVOCs are emitted during drying due to the effect of heat. NMVOC can also be emitted from the wood and the binder during the pressing process. Chipboards are produced in about 20 plants in Germany. The chipboard industry is dominated by larger companies.

Activity data

The activity data are taken from the national statistics ¹⁾, but must be converted from volume to mass data for further use.

Table 1: Produced amounts, in 10⁶ metric tonnes [t]

2014	2015	2016	2017	2018	2019	2020	2021
4.446	4.402	4.56	4.703	4.322	4.489	4.431	4.776

Emissions factors

The emission factors of 0.9 kg/t for NMVOC and 0.3 kg/t for PM were estimated on the basis of expert judgements.

Recalculations



With **activity data and emission factors remaining unrevised**, no recalculations were carried out compared to Submission 2022.

¹⁾ Federal Statistical Office, reporting numbers until 2018: 1621 13 131; 1621 13 133; 1621 13 163; 1621 13 500, reporting numbers from 2019: 162112001, 162112002, 162112003, 162113160, 162114190, 162114500, converted and summarised in tonnes