2.I - Wood Processing

2.I - Wood Processing

Category Code	de Method					AD						EF				
2.1		T1					NS						CS			
	NO _x	NMVOC	SO ₂	NH ₃	PM _{2.5}	PM ₁₀	TSP	вс	СО	Pb	Cd	Hg	Diox	PAH	нсв	
Key Category:	-	-/-	-	-	-/-	-/-	-/-	-	-	-	-	-	-	-	-	

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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: Produced amounts, in metric tonnes [t]

201	4 201	5 201	6 2017	2018	2019	2020	2021
4.44	6 4.40	2 4.56	4.703	4.322	4.489	4.431	

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.

2.1 - Wood Processing 2/2

Recalculations

No recalculations were necessary compared to last year's Submission.



For pollutant-specific information on recalculated emission estimates for Base Year and 2020, please see the pollutant specific recalculation tables following chapter 8.1 - Recalculations.

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