

COVID-19 and CO₂ Emissions in the EU.

Daily European CO₂ emissions to drop by 58% under current measures

Sector		Normal emissions in kt CO ₂ *	Sector activity reduction (%)	Impacts of measures on sectors and emissions	Emissions due to measures
Energy generation		2920,3	- 40%	Estimated impact pro rata of the following energy consumption: Industry: 25% / Transport: 30,8% / Residential: 27,2% / Tertiary: 14,5% / Agriculture: 2,3%	1155
TRANSPORT	Air	39,2	- 87%	Passenger flights are cancelled unless used for repatriation or medical support. Cargo flights for mail and freight continue their operations.	3
	Light individual vehicles	1311,5	- 88%	Generalized movement restrictions with different level of severity: from fines to jail sentences.	157,7
	Van	235,5	- 81%	Movement restrictions and decrease of business activity.	44
	Trucks	570	- 37%	Transport of goods remains high despite border checks reinstatement and induced traffic jams.	358
	Marine and River	42,8	- 74%	Main contributors (Italy, Spain, Greece, Germany) adopted coercive measures.	11
	Rail	12	- 44%	Freight continues unaffected while passenger services is reduced. In countrywide lockdowns, passenger trains merely provide medical assistance.	6,8
INDUSTRY	Food	97,5	0	Production kept at habitual level.	97,5
	Other	1854	-57%	Heavy and vital industries run at full capacity while most of manufacturing and construction are halted.	791
RESIDENTIAL TERTIARY	Residential	890	+29%	Heating is kept constant but all other services are in increase (especially the use of streaming for both professional and entertainment purposes).	1149
	Tertiary	387	- 71%	Hospitals' demand and emissions are up, as well as data centers, while the rest of the sector is mainly working from home.	113
Agriculture		25	0%	Production kept at normal levels.	25
Waste management		30	0%	Management kept at normal levels.	30
LULUCF (Land Use, Land-Use Change and Forestry)		-748	0%	No impact on land use	-748
TOTAL		7960	-58		3195,3