

Spain

It is estimated that cleaner air in Spain resulting from the achievement of a '30% internal' rather than a 20% reduction in emissions would result in public health benefits of between €303 million and €873 million per year from 2020.

Annual health benefits include:

- An increase in life expectancy of 4,000 years spread across the population.

- Better health and lower health costs: 375,000 fewer days of restricted activity; 36,000 fewer days when people need to use respiratory medication; 4,000 fewer consultations for upper respiratory symptoms and asthma.

Other benefits: A more productive workforce - 86,000 fewer working days lost annually due to cardiac and respiratory problems.

Impact assessment, all figures per year	Baseline in 2020	Reduction in EU damage in 2020 compared to the baseline for	
		Cut of 30% with flexibility	-30% internal cut
	Following 20% cut		
Mortality - Life years lost, people aged >29	130,576	1,929	4,024
Deaths in infants (1 to 11 months)	21	0	1
Chronic bronchitis, cases	6,601	85	176
Cardiac and respiratory hospital admissions	3,509	52	108
Restricted activity days (RADs), working age population	11,514,744	179,725	374,856
Of which, working days lost	2,533,244	41,157	85,842
Days with respiratory medication use by adults and children	1,176,439	17,075	35,613
Days with lower respiratory symptoms among adults and children	15,276,036	239,971	500,511
Consultations for asthma and upper respiratory symptoms	138,820	1,641	4,083

Economic assessment, €millions/year	Benefit from 30% with flexibility cut in GHGs in 2020	Benefit from 30% internal cut in GHGs in 2020
Mortality – lower bound (lower estimate of VOLY applied)	101	210
Mortality – upper bound (upper estimate of VSL applied)	374	781
Morbidity	44	92
Total, lower bound mortality valuation	145	303
Total, upper bound mortality valuation	419	873