

Premature deaths attributable to PM2.5, NO2 and O3 exposure in 41 European countries and the EU-28, 2014

Country	Population (1 000)	PM2.5		NO2	
		Annual mean (e)	Premature deaths (a) C0=0	Annual mean (e)	Premature
Austria	8 507	12.9	5 570	19.2	
Belgium	11 181	13.7	8 340	21.9	
Bulgaria	7 246	24	13 620	16.5	
Croatia	4 247	15.6	4 430	15.7	
Cyprus	1 172 (d)	17	600	12.8	
Czech Republic	10 512	18.6	10 810	16.8	
Denmark	5 627	11.6	3 470	11	
Estonia	1 316	8.7	750	9	
Finland	5 451	7.4	2 150	8.3	
France	63 798	11	34 880	17.7	
Germany	80 767	13.4	66 080	20.2	
Greece	10 927	17	11 870	14.9	
Hungary	9 877	17.3	11 970	17.1	
Ireland	4 606	9	1 480	6.1	
Italy	60 783	15.8	59 630	22.5	
Latvia	2 001	14.1	2 190	12.3	
Lithuania	2 943	15.5	3 350	12.5	
Luxembourg	550	11.9	230	19.9	
Malta	425	12	220	16	

Netherlands	16 829	13.8	11 200	21.9
Poland	38 018	23	46 020	15.1
Portugal	9 919	8.7	5 170	13.7
Romania	19 947	17.5	23 960	16.5
Slovakia	5 416	19.1	5 160	15.2
Slovenia	2 061	15.1	1 710	15
Spain	44 229	10.7	23 180	19.9
Sweden	9 645	7.6	3 710	9.9
United Kingdom	64 351	11.6	37 600	22.2
Andorra	77	10	40	15
Albania	2 896	16.5	1 670	14.8
Bosnia and Herzegovina	3 827	15.3	3 450	15.1
former Yugoslav Republic of Macedonia	2 066	27.4	3 060	16
Iceland	326	6.6	80	10.9
Kosovo ^(b)	1 805	26.4	3 290	13.6
Liechtenstein	37	9	20	18.5
Monaco	38	12.9	20	24.5
Montenegro	622	15.6	550	14
Norway	5 108	7.2	1 560	12.4
San Marino	33	13.5	30	14.7
Serbia	7 147	21.5	10 770	19.6
Switzerland	8 140	11.6	4 240	20.9
Total ^(c)	534 471	14.1	428 000	18.6
EU-28 ^(c)	502 351	14.0	399 000	18.7

Source: based on *Air quality in Europe 2017*, p 57-58

Notes:

(a) In the report, for PM_{2.5}, calculations have been made using a counterfactual concentration (C₀) of 0 µg/m³, as in previous years and a C₀ of 2.5 µg/m³ to take into account the estimated European background concentration. For NO₂, calculations have been made using C₀ values of 20 and 10 µg/m³ (see explanations in the main text of the report).

(b) Under the UN Security Council Resolution 1244/99.

(c) Total and EU-28 figures are rounded to the nearest thousand (except for ozone, nearest hundred). The national totals to the nearest 10.

(d) Includes the areas of the Republic of Cyprus not under the effective control of the Government of the Republic of Cyprus.

(e) The annual mean (in µg/m³) and the SOMO₃₅ (in µg/m³ .days), expressed as population weighted concentration, is obtained according to the methodology described by ETC/ACM (2017b) and not only from monitoring stations.

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