

Supplementary Materials:

Ambient Particulate Air Pollution and Daily Hospital Admissions in 31 Cities in Poland

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Table S1. RR values for cardiovascular and respiratory hospital admissions due to short-term PM₁₀ and PM_{2.5} exposure in the selected cities of Poland, as well as the nationwide pooled results

City	Cardiovascular hospital admission						Respiratory hospital admissions					
	PM ₁₀			PM _{2.5}			PM ₁₀			PM _{2.5}		
	RR	RR _L	RR _U	RR	RR _L	RR _U	RR	RR _L	RR _U	RR	RR _L	RR _U
Legnica	1.008	0.999	1.018	1.010	0.998	1.023	1.010	0.994	1.026	1.01	0.989	1.031
Wrocław	1.004	0.999	1.009	1.005	0.999	1.012	1.023	1.015	1.031	1.028	1.018	1.039
Bydgoszcz	–	–	–	1.012	1.001	1.024	–	–	–	1.034	1.015	1.053
Toruń	1.007	0.996	1.018	1.011	0.997	1.025	1.038	1.022	1.054	1.060	1.040	1.081
Włocławek	1.016	1.001	1.032	1.015	0.995	1.035	1.021	0.993	1.050	1.034	0.998	1.071
Lublin	1.012	1.005	1.019	1.017	1.008	1.026	1.028	1.016	1.040	1.031	1.016	1.047
Gorzów Wielkopolski	1.010	0.998	1.022	1.018	0.997	1.039	1.019	1.001	1.037	1.045	1.015	1.076
Zielona Góra	1.013	0.997	1.029	1.019	1.000	1.037	1.010	0.985	1.036	1.007	0.979	1.037
Łódź	1.003	0.999	1.007	1.007	1.001	1.013	1.015	1.008	1.023	1.034	1.023	1.046
Kraków	1.003	1.000	1.006	1.004	1.001	1.007	1.012	1.008	1.016	1.018	1.013	1.023
Tarnów	1.011	0.999	1.024	1.017	1.003	1.032	1.008	0.988	1.028	1.027	1.004	1.051
Radom	1.004	0.995	1.012	1.002	0.991	1.014	1.020	1.006	1.035	1.028	1.010	1.046
Warszawa	1.010	1.006	1.013	1.010	1.005	1.014	1.030	1.024	1.036	1.033	1.026	1.039
Opole	1.011	1.000	1.023	1.007	0.993	1.021	1.029	1.014	1.044	1.037	1.019	1.055
Rzeszów	1.007	0.996	1.018	1.012	0.999	1.025	1.001	0.984	1.017	1.001	0.983	1.020
Białystok	1.009	0.994	1.024	1.015	0.999	1.030	1.063	1.038	1.090	1.072	1.047	1.098
Gdańsk	1.009	1.001	1.017	1.014	1.004	1.023	1.023	1.013	1.034	1.023	1.010	1.037
Gdynia	–	–	–	1.010	0.996	1.025	–	–	–	1.005	0.979	1.031
Bielsko-Biała	1.010	1.002	1.019	1.009	1.000	1.018	1.02	1.005	1.036	1.030	1.013	1.047
Częstochowa	1.008	1.001	1.016	1.011	1.003	1.019	1.034	1.018	1.05	1.039	1.022	1.055
Dąbrowa Górnicza	1.008	0.999	1.017	1.009	0.997	1.020	1.022	1.004	1.041	1.032	1.008	1.056
Gliwice	1.006	0.999	1.014	1.007	0.999	1.015	1.029	1.013	1.046	1.028	1.012	1.045
Katowice	1.005	1.000	1.011	1.009	1.001	1.017	1.021	1.009	1.032	1.025	1.010	1.041
Rybnik	1.008	1.002	1.014	–	–	–	1.021	1.012	1.03	–	–	–
Sosnowiec	1.011	1.006	1.016	–	–	–	1.017	1.006	1.028	–	–	–
Tychy	1.006	1.000	1.012	–	–	–	1.014	1.001	1.028	–	–	–
Zabrze	1.008	1.001	1.015	–	–	–	1.025	1.012	1.039	–	–	–
Kielce	1.012	1.005	1.020	1.012	1.003	1.021	1.022	1.012	1.033	1.027	1.014	1.041

Elbląg	1.029	1.012	1.046	1.028	1.008	1.047	1.040	1.009	1.073	1.044	1.008	1.082
Olsztyn	1.018	1.003	1.033	1.013	0.996	1.030	1.021	1.000	1.042	1.032	1.009	1.056
Kalisz	1.015	1.004	1.027	1.015	1.001	1.029	1.029	1.008	1.050	1.022	0.998	1.047
Poznań	–	–	–	1.011	1.004	1.019	–	–	–	1.028	1.015	1.041
Koszalin	1.010	0.992	1.029	1.008	0.983	1.034	1.038	1.011	1.065	1.057	1.02	1.094
Szczecin	1.007	0.997	1.016	1.010	0.998	1.021	1.012	1.000	1.024	1.016	1.001	1.030
Pooled results	1.008	1.006	1.009	1.009	1.007	1.010	1.022	1.018	1.025	1.029	1.024	1.034
I ²	37%			27%			41%			45%		

RR – relative risk, RR_L – lower ends of 95% confidence intervals, RR_U – upper ends of 95% confidence intervals, bolded values indicate statistical significance of a particular result. Relative risk calculated per 10 µg/m³ PM₁₀/PM_{2.5}, I² – index of heterogeneity