

Table 1: Premature mortality attributable to PM_{2.5} per country for each simulation. The country population is given in 10⁶ people, while air pollution premature mortality is in 10³ people. The fine particle mortality ratio (FPMR) is defined as the premature mortality attributable to fine particulates relative to the country population (i.e., the per capita premature mortality) in 10⁻³. The top 100 countries in terms of population number are presented here.

country	Population	REF simulation		REF_50 simulation		REF_66 simulation		REF_100 simulation	
		mortality	FPMR	mortality	FPMR	mortality	FPMR	mortality	FPMR
China	1339.39	1327.13	0.9908	1234.51	0.9217	1162.29	0.8678	1016.53	0.7590
India	1158.77	575.30	0.4965	555.84	0.4797	553.24	0.4774	509.83	0.4400
U.S.A.	307.37	51.75	0.1684	37.06	0.1206	25.47	0.0829	14.66	0.0477
Indonesia	234.17	51.49	0.2199	48.47	0.2070	47.94	0.2047	45.56	0.1946
Brazil	190.68	2.11	0.0110	1.30	0.0068	1.24	0.0065	1.09	0.0057
Pakistan	179.51	105.37	0.5870	104.24	0.5807	104.23	0.5806	102.59	0.5715
Bangladesh	164.28	85.54	0.5207	81.73	0.4975	80.80	0.4918	73.15	0.4453
Nigeria	146.29	88.83	0.6072	88.06	0.6020	88.53	0.6052	88.02	0.6016
Russia	136.51	66.99	0.4908	43.34	0.3175	28.34	0.2076	11.20	0.0821
Japan	127.08	23.65	0.1861	15.60	0.1228	10.70	0.0842	3.53	0.0278
Mexico	112.00	2.66	0.0237	2.15	0.0192	1.63	0.0145	1.01	0.0090
Philippines	88.15	1.71	0.0194	0.59	0.0067	0.59	0.0067	0.28	0.0032
Viet Nam	87.66	42.80	0.4883	39.05	0.4454	38.31	0.4370	32.99	0.3763
Iran	80.08	24.67	0.3081	23.97	0.2993	23.55	0.2941	22.32	0.2787
Germany	80.71	34.41	0.4264	29.66	0.3675	24.55	0.3041	6.61	0.0819
Ethiopia	79.62	8.29	0.1042	7.86	0.0987	7.88	0.0989	7.60	0.0955
Egypt	77.89	34.35	0.4409	33.95	0.4358	33.75	0.4333	32.96	0.4231
Turkey	74.06	30.92	0.4176	26.65	0.3598	23.82	0.3217	15.78	0.2131
D.R.Congo	69.44	14.81	0.2132	13.90	0.2002	13.78	0.1985	14.65	0.2110
Thailand	68.99	18.53	0.2685	16.17	0.2344	15.85	0.2297	12.73	0.1845
France	60.09	17.57	0.2925	14.08	0.2343	10.64	0.1770	3.58	0.0596
United Kingdom	59.74	15.47	0.2590	12.15	0.2034	8.27	0.1385	1.12	0.0188
Italy	55.39	19.54	0.3528	16.19	0.2923	13.05	0.2355	4.79	0.0865
Myanmar	52.85	21.43	0.4054	19.31	0.3653	19.30	0.3652	16.73	0.3166
Korea	49.31	14.27	0.2894	11.92	0.2418	10.25	0.2079	7.91	0.1605
Colombia	48.95	0.13	0.0027	0.10	0.0019	0.10	0.0019	0.10	0.0020
Ukraine	44.79	51.21	1.1435	39.70	0.8864	29.57	0.6603	4.70	0.1050
South Africa	44.93	4.16	0.0926	3.58	0.0798	3.29	0.0733	2.84	0.0631
Tanzania	43.46	1.02	0.0235	0.83	0.0191	0.81	0.0187	0.95	0.0218
Argentina	41.05	0.52	0.0126	0.48	0.0118	0.48	0.0117	0.47	0.0115
Sudan	38.58	24.12	0.6254	23.99	0.6218	24.15	0.6261	24.01	0.6223
Spain	38.78	6.54	0.1687	5.44	0.1403	4.38	0.1129	1.93	0.0498
Poland	37.96	14.56	0.3836	12.23	0.3221	9.82	0.2587	2.06	0.0543
Kenya	36.57	1.16	0.0318	1.05	0.0288	1.05	0.0288	1.05	0.0288
Morocco	34.81	13.27	0.3811	13.03	0.3744	12.86	0.3694	12.16	0.3493
Algeria	34.67	13.37	0.3855	13.08	0.3772	12.97	0.3741	12.26	0.3536
Uganda	32.30	4.51	0.1397	4.34	0.1344	4.34	0.1345	4.40	0.1364
Canada	32.76	2.99	0.0911	1.48	0.0453	0.53	0.0162	0.01	0.0002

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country	Population	<i>REF</i> simulation		<i>REF_50</i> simulation		<i>REF_66</i> simulation		<i>REF_100</i> simulation	
		mortality	FPMR	mortality	FPMR	mortality	FPMR	mortality	FPMR
Afghanistan	31.14	7.72	0.2481	7.65	0.2456	7.58	0.2434	7.26	0.2331
Peru	29.74	0.24	0.0081	0.20	0.0066	0.14	0.0046	0.08	0.0028
Iraq	29.58	19.46	0.6580	19.25	0.6507	19.19	0.6487	18.78	0.6348
Venezuela	28.34	0.35	0.0122	0.32	0.0115	0.31	0.0109	0.31	0.0109
Nepal	28.71	9.09	0.3166	8.81	0.3070	8.85	0.3082	8.15	0.2839
Yemen	27.25	7.65	0.2807	7.59	0.2785	7.57	0.2777	7.36	0.2701
Uzbekistan	27.51	11.20	0.4071	10.44	0.3795	9.94	0.3613	8.55	0.3109
Saudi Arabia	27.53	14.11	0.5126	14.08	0.5113	14.05	0.5104	13.93	0.5060
Malaysia	25.88	1.95	0.0753	1.49	0.0577	1.46	0.0563	1.34	0.0518
South Korea	23.25	16.21	0.6973	13.92	0.5990	12.32	0.5299	9.74	0.4191
Ghana	23.62	9.32	0.3944	8.99	0.3805	9.18	0.3887	9.23	0.3907
Taiwan	22.78	6.28	0.2756	5.03	0.2209	4.34	0.1903	3.60	0.1582
Romania	21.54	14.61	0.6784	11.37	0.5280	8.64	0.4010	2.03	0.0944
Mozambique	21.45	0.72	0.0336	0.54	0.0253	0.53	0.0249	0.68	0.0316
Madagascar	21.06	0.28	0.0133	0.20	0.0096	0.20	0.0096	0.27	0.0130
Syrian Arab Republic	20.21	7.10	0.3511	6.92	0.3424	6.85	0.3390	6.49	0.3209
Sri Lanka	20.63	2.74	0.1326	2.66	0.1290	2.66	0.1290	2.65	0.1284
Australia	20.93	0.84	0.0402	0.73	0.0348	0.73	0.0348	0.69	0.0330
Ivory Coast	19.45	6.09	0.3130	5.88	0.3023	6.02	0.3096	6.07	0.3124
Cameroon	18.05	8.34	0.4618	8.20	0.4545	8.28	0.4586	8.28	0.4585
Angola	17.66	2.58	0.1459	2.32	0.1315	2.25	0.1275	2.57	0.1455
Chile	16.86	1.43	0.0847	1.23	0.0729	1.04	0.0619	0.70	0.0414
Cambodia	16.51	4.41	0.2673	3.75	0.2271	3.91	0.2367	3.37	0.2042
Niger	15.49	13.06	0.8431	13.04	0.8417	13.10	0.8454	13.03	0.8412
Netherlands	15.88	4.71	0.2969	4.18	0.2634	3.41	0.2148	1.35	0.0849
Mali	15.14	9.44	0.6237	9.43	0.6224	9.47	0.6256	9.42	0.6224
Kazakhstan	15.74	3.64	0.2312	3.10	0.1972	2.84	0.1806	2.45	0.1557
Burkina Faso	15.63	9.30	0.5947	9.24	0.5909	9.34	0.5973	9.23	0.5905
Zimbabwe	14.91	0.10	0.0064	0.05	0.0034	0.04	0.0024	0.09	0.0059
Guatemala	14.50	0.06	0.0043	0.05	0.0034	0.03	0.0019	0.00	0.0003
Ecuador	14.72	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Malawi	13.71	0.94	0.0684	0.78	0.0570	0.73	0.0533	0.92	0.0674
Zambia	12.79	1.14	0.0888	0.99	0.0771	0.90	0.0704	1.12	0.0878
Somalia	12.97	0.17	0.0129	0.17	0.0129	0.16	0.0126	0.16	0.0122
Senegal	11.39	6.60	0.5789	6.57	0.5769	6.61	0.5805	6.58	0.5778
Cuba	11.11	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Tunisia	10.41	3.57	0.3430	3.47	0.3335	3.36	0.3224	3.16	0.3033
Serbia	10.49	5.43	0.5180	4.22	0.4024	3.22	0.3069	0.89	0.0846
Greece	10.34	3.87	0.3746	3.43	0.3317	3.10	0.3000	2.41	0.2329
Chad	10.61	7.40	0.6973	7.35	0.6925	7.38	0.6961	7.37	0.6946
Bolivia	10.20	0.11	0.0107	0.08	0.0079	0.08	0.0078	0.10	0.0102
Rwanda	9.09	1.05	0.1159	1.03	0.1128	1.03	0.1128	1.03	0.1128
Portugal	9.94	1.85	0.1858	1.55	0.1554	1.35	0.1357	0.93	0.0932
Hungary	9.25	7.11	0.7680	5.81	0.6277	4.76	0.5149	0.59	0.0642
Haiti	9.15	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Table 1: continued from previous page

country	Population	<i>REF</i> simulation		<i>REF_50</i> simulation		<i>REF_66</i> simulation		<i>REF_100</i> simulation	
		mortality	FPMR	mortality	FPMR	mortality	FPMR	mortality	FPMR
Guinea	9.82	4.57	0.4653	4.48	0.4557	4.53	0.4613	4.55	0.4628
Dominican Republic	9.53	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Czech Republic	9.87	6.49	0.6572	5.52	0.5593	4.57	0.4632	1.44	0.1463
Belgium	9.92	4.38	0.4419	3.84	0.3875	3.17	0.3200	1.19	0.1204
Belarus	9.68	7.73	0.7987	5.49	0.5676	2.48	0.2561	0.00	0.0000
Sweden	8.63	0.93	0.1075	0.51	0.0588	0.23	0.0272	0.01	0.0014
Burundi	8.31	0.92	0.1105	0.83	0.1004	0.83	0.1002	0.84	0.1007
Benin	8.10	3.51	0.4328	3.42	0.4226	3.45	0.4252	3.44	0.4240
Azerbaijan	8.10	3.05	0.3772	2.76	0.3407	2.54	0.3142	2.08	0.2567
Honduras	7.80	0.01	0.0007	0.00	0.0001	0.00	0.0001	0.00	0.0001
El-Salvador	7.22	0.06	0.0078	0.00	0.0000	0.00	0.0000	0.00	0.0000
Bulgaria	7.04	4.69	0.6659	3.49	0.4955	2.80	0.3974	1.33	0.1888
Austria	7.73	3.03	0.3915	2.48	0.3215	2.02	0.2620	0.28	0.0368
Tajikistan	6.35	1.39	0.2188	1.24	0.1955	1.19	0.1873	1.00	0.1574
Switzerland	6.56	1.30	0.1990	1.04	0.1593	0.71	0.1088	0.12	0.0180
Sierra Leone	6.13	2.25	0.3679	2.21	0.3601	2.23	0.3642	2.25	0.3667
Paraguay	6.84	0.21	0.0307	0.12	0.0170	0.12	0.0170	0.10	0.0151