

# Supplement to Europe's Dark Cloud report

## List of EU coal power plants

At the end of 2015 there were approximately 280 coal power stations in operation in the EU. For 257 out of these 280 the relevant pollution data from 2013 is the most recent and complete official dataset available, and so it was this which formed the basis of the modelling undertaken for the 'Europe's Dark Cloud' report<sup>1</sup>. Below is the list of these 257 plants and their associated health impacts as well as CO2 emissions<sup>2</sup>.

The data is based on 2013 emissions submitted to the European Pollution Release and Transfer Registry, except for 2015 CO2 data which is from EU ETL.

Grey = data is not reported or emissions are below the reporting threshold.  
# Gives the number of power stations for which emissions data was available for the respective pollutant.

## Austria

										Pollution Emitted (tonnes)							
Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Duernrohr	10	189	0	10	2 430	180	20	565 110	175	258	227	648	181	76	95		
Mellach	10	189	10	10	2 040	210	20	869 484	147			587	188				

## Belgium

										Pollution Emitted (tonnes)							
Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Genk-Langerlo	40	123	20	30	11 240	740	100	1 904 278	101	965	170	1 510	132			0,05	65

## Bulgaria

										Pollution Emitted (tonnes)							
Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Maritsa East 2	730	2	370	640	192 820	18 150	2 000	11 293 658	10	54 100	2	11 500	20				
Bobov Dol	470	6	240	390	123 280	11 680	1 290	2 458 329	81	36 600	3	3 470	63	2 230	5		
ContourGlobal Maritsa East	140	48	70	130	37 140	3 510	380	5 759 680	32	10 300	27	2 450	92				
Republika	70	90	40	60	18 930	1 800	200	456 894	181	5 180	65	1 380	139				
Deven	50	108	20	50	10 340	1 150	130	1 455 781	123	1 750	122	2 840	81	163	60		
AES Galabovo	50	108	20	50	11 240	1 130	130	4 187 675	53	2 580	94	1 780	119				
Maritsa 3	20	161	10	20	4 700	460	50	20 014	237	1 180	152	550	194				
Ruse Iztok	20	161	10	20	3 650	420	50	430 510	183	524	197	1 180	151	60	106		
Brikel	20	161	10	20	4 170	410	50	956 267	140	1 030	165	520	201				
Sliven	20	161	10	20	4 490	420	50	0		1 250	148	287	225				
Plovdiv North	10>	232	0	0	190	20	0	0				115	251				

# Czech Republic

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Pocerady	160	40	80	150	48 700	3 270	430	5 135 531	38	5 970	52	10 300	22	321	36	0,21	16
Prunero	150	45	80	130	48 780	3 120	390	2 634 945	75	7 180	38	6 350	41	370	31	0,25	12
Ledvice	110	59	60	90	40 540	2 440	300	708 564	164	6 810	44	2 500	90	116	75	0,10	37
Opatovice	100	63	50	80	37 260	2 260	280	1 467 416	121	6 220	51	2 430	93	157	61	0,01	134
Melnik II / III	100	63	50	80	34 420	2 140	260	1 807 893	103	5 480	59	3 120	72	258	44	0,07	52
Trebovice	80	79	40	80	21 490	1 720	210	1 153 778	131	3 270	82	3 030	74	100	86		
Chvaletice	60	96	30	60	18 020	1 230	160	3 413 197	62	2 260	101	3 640	62	299	39	0,09	40
Tisova	60	96	30	50	23 160	1 400	170	1 562 430	118	3 900	74	1 400	137	98	87	0,06	57
Detmarovice	50	108	30	60	13 730	1 180	140	2 351 694	84	1 460	134	2 960	76	88	89	0,02	124
Tusimice	50	108	20	50	14 570	1 000	130	4 658 430	45	1 770	121	3 130	71	234	46	0,12	26
Plzen	50	108	30	40	19 690	1 170	140	699 517	165	3 360	80	1 040	157			0,04	72
Kladno	50	108	30	40	17 590	1 090	140	1 912 128	100	2 750	90	1 760	120	56	110	0,02	114
Melnik I	40	123	20	40	14 640	950	120	1 568 591	116	2 070	107	2 190	101	138	68	0,06	55
Otrokovice	40	123	20	40	10 670	780	100	358 228	192	2 170	105	612	183			0,01	150
Trmice	30	140	20	20	10 750	650	80	531 579	176	1 740	123	880	163			0,08	43
Budejovice	30	140	10	20	10 280	610	80	299 890	200	1 740	123	589	187			0,02	117
Prerov	30	140	10	30	7 590	580	70	406 498	189	1 300	143	835	170				
Plana	20	161	10	20	8 100	480	60	115 310	220	1 390	138	407	209				
Plzenska	20	161	10	20	7 600	450	60	318 285	198	1 280	145	454	204			0,06	53
Karvina	20	161	10	20	5 190	400	50	314 451	199	919	173	522	200				
Kolin	20	161	10	10	6 540	390	50	174 560	212	1 120	159	330	217			0,02	125
Vitkovice	20	161	10	20	4 810	370	50	148 122	215	796	183	572	190				
Porici II	20	161	10	10	6 190	380	50	479 000	179	995	168	532	199			0,01	139
Pribram	10	189	10	10	5 450	330	40	0	243	902	175	384	212				
Hodonin	10	189	10	10	4 200	300	40	183 320	211	873	177	211	235				
Ceskoslovenske Armyady (CS)	10	189	10	10	3 890	290	40	136 391	218	717	188	344	215				
Olomouc	10	189	10	10	3 760	290	40	327 122	195	655	190	396	210				
Chomutov	10	189	10	10	4 870	290	40	142 923	216	826	181	275	226			0,01	142
Zlin	10	189	0	10	2 510	190	20	204 599	209	440	208	257	231			0,03	95
Usti nad Labem	10	189	0	10	2 980	180	20	104 597	223	479	201	258	230				
Privoz	10	189	0	10	2 160	170	20	0		320	221	320	220				
Krnov	10	189	0	10	1 460	110	10	0		286	225	100	252				
Ostrov	10>	232	0	0	1 970	110	10	0		368	214						
Dvur Kralove	10>	232	0	0	1 950	110	10	30 769	235	364	215						
Frydek-Mistek	10>	232	0	0	1 150	90	10	0		188	233	142	242				
Malesice	10>	232	0	0	1 300	80	10	2 803	239	204	231	128	248				
Koprivnice	10>	232	0	0	850	60	10	0		204	231						
Brno Spitalka	10>	232	0	0	300	30	0	96 886	224			118	250				

# Denmark

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)					
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116

Avedere	10	189	10	10	3 840	250	30	721 170	162	440	208	706	178	65	101		
Asnaes	10	189	10	10	2 600	220	30	695 549	166			1 610	126			0,01	140
Studstrup	10	189	0	10	2 660	170	20	1 477 579	120	310	222	471	203	69	99	0,02	121
Fyns	10	189	0	10	2 340	150	20	901 683	144	273	226	411	208			0,01	130
Amager	10	189	0	0	1 920	120	10	862 186	149	229	229	317	221			0,01	148
Esbjerg	10>	232	0	0	1 110	90	10	875 783	145			691	179			0,01	138
Nordjylland	10>	232	0	0	210	20	0	1 269 764	127			132	247			0,02	116

## Finland

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Suomenoja	20	161	10	10	4 000	270	40	744 633	159	1 790	120	1 590	128	55	112		
Naantali-1	20	161	10	20	3 480	250	40	1 106 338	134	1 070	162	2 830	82	54	113		
Kymijarvi	10	189	10	10	3 080	210	30	387 785	191	1 310	142	1 440	134				
Hanasaari B	10	189	10	10	2 790	200	30	715 833	163	1 060	163	1 670	124	107	79		
Salmisari	10	189	0	10	2 410	160	20	635 540	170	1 110	161	862	167				
Martinlaakso	10	189	0	10	2 280	150	20	425 895	187	930	172	1 170	152				
Vaskiluoto	10	189	0	10	1 890	140	20	724 592	161	488	200	1 810	117				
Meri-Pori	10	189	0	10	2 010	130	20	356 485	193	888	176	835	170				
Kristiina	10	189	0	10	1 230	80	10	115 503	219	451	205	786	175				
Tahkoluoto (Pori)	10>	232	0	0	630	50	10	115 090	221	172	236	569	192				

## France

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Emile-Houchet	160	40	70	120	49 890	3 230	420	2 818 871	71	4 660	68	5 030	49	155	62	0,03	92
Provence	90	69	60	80	28 900	2 400	250	1 524 609	119	2 170	105	2 830	82	71	97	0,02	119
Le Havre II	80	79	40	60	21 660	2 120	220	832 291	153	5 370	61	3 340	66	263	43	0,02	109
Cordemais	60	96	30	50	15 200	1 550	170	2 135 950	94	3 430	79	4 270	54			0,02	111
Bois-Rouge	10>	232	0	0	0	0	0	0		2 580	94	1 560	129			0,00	152

## Germany

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Jaenschwalde	470	6	240	420	157 000	10 080	1 270	23 325 104	4	23 100	12	20 500	5	675	15	0,33	9
Niederaussem	450	9	190	340	125 320	8 500	1 210	27 330 240	3	10 200	28	19 300	7	409	25	0,53	2
Grevenbroich-Neurath	410	11	160	320	98 180	7 110	1 100	32 069 617	2	6 260	49	22 800	4	401	27	0,67	1
Boxberg	300	17	150	270	97 720	6 340	800	8 615 210	16	14 000	20	14 000	16	460	21	0,37	8
Eschweiler-Weisweiler	270	18	110	200	71 070	4 930	710	18 139 249	5	5 390	60	12 700	18	277	41	0,23	13
Lippendorf	220	27	120	190	77 680	4 860	600	10 285 560	13	12 100	24	7 910	33	229	47	0,41	5

Schwarze Pumpe	160	40	90	140	56 900	3 520	430	12 244 201	8	9 000	31	5 350	47	101	83	0,19	17
Scholven/Buer	150	45	70	110	43 900	2 960	410	4 720 436	42	3 720	77	6 110	43	203	53	0,16	22
Schkopau	130	52	70	110	47 560	2 900	360	5 351 933	37	7 760	36	3 670	59	69	98	0,43	4
Voerde West	100	63	50	80	31 050	2 040	280	1 623 293	113	2 710	91	3 970	56	53	114	0,09	41
Bergkamen	90	69	40	70	30 780	1 950	250	2 744 777	73	2 990	84	2 590	86	52	116	0,03	90
Mehrum	90	69	40	70	30 860	1 930	240	2 540 432	79	3 010	83	2 540	88			0,06	58
Mannheim	90	69	40	60	23 800	1 640	230	7 316 094	22	1 940	115	3 650	60	142	66	0,15	23
Petershagen Heyden	80	79	40	60	25 130	1 630	220	2 757 365	72	2 240	104	3 010	75			0,05	60
Karlsruhe	70	90	30	50	23 940	1 510	190	3 874 679	55	2 300	100	2 130	102			0,03	83
Heilbronn	70	90	30	60	22 200	1 450	200	3 178 511	64	1 910	116	2 960	76			0,07	46
Wilhelmshaven	70	90	30	50	21 770	1 400	190	2 931 068	67	1 990	114	2 390	95				
Grevenbroich-Frimmersdorf	60	96	20	50	15 820	1 110	160	4 752 557	40	1 210	150	2 780	84	89	88	0,07	49
Voerde	60	96	30	40	19 580	1 240	160	4 430 371	49	1 850	119	1 880	114			0,03	84
Herne	60	96	30	40	18 670	1 190	160	2 654 608	74	1 730	126	1 940	110			0,04	70
Duisburg-Walsum	60	96	30	50	20 150	1 280	170	4 307 843	50	1 890	117	1 990	108			0,08	42
Bexbach	60	96	20	40	17 180	1 110	150	2 174 385	92	1 530	132	2 060	105			0,07	45
Quierschied-Weiher	50	108	20	30	14 930	950	120	1 678 806	110	1 400	137	1 480	133				
Voelklingen-Fenne	50	108	20	30	15 240	960	120	929 698	142	1 470	133	1 330	142			0,03	89
Altbach/Deizisau	50	108	20	30	14 210	920	120	1 661 245	111	1 280	145	1 640	125			0,04	78
Marl	40	123	20	30	12 800	850	120	428 444	185	1 060	163	1 890	112			0,04	74
Ensdorf	40	123	20	30	14 700	930	120	1 186 435	129	1 410	135	1 320	143				
Werdohl-Elverlingsen	40	123	20	30	13 750	880	120	600 596	173	1 250	148	1 540	130			0,03	93
Luenen	40	123	20	30	12 560	800	110	1 657 015	112	1 170	153	1 280	147			0,02	122
Helmstedt Buschhaus	40	123	20	30	13 690	850	100	2 278 643	89	1 380	139	930	161			0,03	96
Ibbenbueren	40	123	20	30	10 560	730	110	3 334 278	63	762	185	2 060	105			0,01	135
Hannover	30	140	20	30	11 550	720	90	1 726 850	109	1 130	158	934	160			0,02	118
Grosskrotzenburg Staudinger	30	140	10	30	8 390	580	90	2 182 690	91	589	194	1 710	123			0,03	86
Luenen-Stummhafen	30	140	10	20	9 100	580	70	2 078 468	96	848	178	924	162				
Bremen-Hafen	30	140	10	20	8 870	580	80	0		786	184	1 080	155			0,05	66
Hamm Westfalen	30	140	10	20	8 000	530	70	421 504	188	672	189	1 140	153				
Berlin-Reuter West	30	140	10	30	7 920	550	70	2 976 143	66	803	182	2 230	100			0,03	85
Huerth Goldenberg	30	140	10	20	8 230	530	70	1 164 166	130	762	185	856	168			0,04	69
Zolling-Leininger	20	161	10	20	7 840	510	70	1 740 813	108	998	167	1 540	130			0,01	145
Chemnitz North II	20	161	10	20	6 890	450	60	942 323	141	1 030	165	844	169	57	109	0,05	62
Bremen-Farge	20	161	10	10	6 690	420	50	1 463 745	122	655	190	536	197			0,11	29
Rostock	20	161	10	20	5 810	410	50	2 339 152	86	450	206	1 890	112			0,02	111
Frankfurt/Main West	20	161	10	10	5 280	350	50	845 066	150	439	210	773	176			0,03	100
Kiel East	20	161	10	10	5 510	360	40	1 438 502	124	561	195	1 280	147			0,03	105
Munich North	20	161	10	20	4 190	320	50	682	242	215	230	1 870	115			0,04	73
Walheim	20	161	10	10	4 970	320	40	57 780	232	453	204	553	193				
Dessau	10	189	10	10	5 060	300	40	155 595	214	837	180	355	214				
Bremen-Hastedt	10	189	10	10	4 190	280	40	779 277	155	358	217	572	190			0,01	135
Duisburg-Hochfeld II	10	189	0	10	3 110	200	30	515 122	178	288	224	321	219			0,02	108
Hamburg-Tiefstack	10	189	0	10	2 920	180	20	1 295 279	125	341	220	512	202			0,03	103
Schweinfurt	10	189	0	10	2 660	170	20	84 293	226	249	228	266	228				
Flensburg	10	189	0	10	2 630	160	20	668 226	167	345	219	317	221				
Wuppertal-Elberfeld	10	189	0	0	1 940	120	20	446 963	182	177	235	215	234				
Waehlitz	10	189	0	0	2 160	130	20	319 041	197	363	216	134	246				
Berlin-Moabit	10	189	0	0	1 900	120	10	292 414	201	307	223	155	241			0,02	120
Ulm Magirusstrasse	10>	232	0	0	560	50	10	78 274	227			291	223				
Stuttgart-Muenster	10>	232	0	0	520	40	10	225 969	205			267	227				
Berlin-Reuter	10>	232	0	0	580	50	10	471 540	180			358	213				
Pforzheim	10>	232	0	0	300	30	10	112 501	222			156	240				
Kassel	10>	232	0	0	270	20	0	33 854	234			137	245				

Offenbach	10>	232	0	0	240	20	0	236 129	204		121	249		0,01	140
Erlangen	10>	232	0	0	290	20	0	161 663	213		179	237			
Frankfurt/Oder	10>	232	0	0	230	20	0	0			140	244			

## Greece

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Agios Dimitrios	270	18	160	280	84 390	9 500	750	10 558 256	12	28 200	8	14 700	13	365	32	0,41	6
Kardia	90	69	60	110	16 080	3 210	260	8 870 729	14	3 790	76	9 920	23	4 470	2	0,09	39
Amintaio	80	79	50	80	24 580	2 620	220	3 743 116	59	8 560	32	2 720	85	304	37	0,18	18
Ptolemaida	80	79	50	70	15 020	2 240	210	2 541 516	78	5 200	64	1 810	117	4 500	1	0,07	50
Megalopoli B	20	161	10	20	4 260	610	40	2 205 148	90	1 170	153	1 870	115	87	90	0,14	24
Megalopoli A	10	189	10	10	2 840	370	30	2 422 022	82	842	179	963	158			0,08	44
Melitis (Florina)	10	189	0	10	1 850	270	20	1 605 506	114	494	199	877	164			0,03	104

## Hungary

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Matra	160	40	80	170	45 230	3 660	440	6 363 197	27	6 280	48	7 360	38				
Oroszlany	30	140	10	30	8 150	660	80	427 101	186	1 160	155	1 280	147				
Bakony	10	189	0	10	2 690	210	30	72 258	228	435	211	336	216				

## Ireland

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Moneypoint	110	59	60	80	29 150	2 790	290	4 528 857	46	7 160	39	4 890	50	213	51	0,01	143

## Italy

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Fiume Santo	120	58	70	100	37 750	2 980	320	2 404 218	83	3 300	81	2 520	89			0,02	122
La Spezia	100	63	60	90	33 550	2 680	280	2 532 872	80	2 920	87	2 270	99	100	85	0,03	101
Fusina	90	69	50	80	26 610	2 190	230	5 779 411	31	2 020	111	2 550	87			0,03	91
Torrevaldaliga Nord	80	79	50	80	23 980	2 050	220	10 736 213	11	1 590	130	2 880	79	61	103	0,02	110
Sulcis	70	90	40	60	22 500	1 750	190	1 294 280	126	2 070	107	1 240	150				

Brindisi Sud	70	90	40	80	18 650	2 450	180	13 112 244	7	5 560	58	6 280	42	105	80	0,02	107
Monfalcone	60	96	40	60	15 420	1 480	160	2 037 302	98	466	203	3 260	68	72	96		
Genova	20	161	10	20	7 010	570	60	807 445	154	557	196	608	184				
Bastardo	10	189	10	10	4 610	380	40	37 150	233	354	218	431	205				
Brescia	10>	232	0	0	580	60	10	219 311	208			167	239				

## Netherlands

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Amer	100	63	50	80	31 280	2 050	270	5 669 492	33	2 760	89	3 870	57	56	111	0,03	93
Maasvlakte	80	79	40	60	26 130	1 670	220	5 895 070	29	2 500	97	2 370	97	58	108	0,03	82
Gelderland 13	40	123	20	30	14 190	900	120	2 885 312	70	1 330	141	1 410	135			0,01	146
Hemweg	30	140	20	30	11 580	740	90	4 195 699	52	1 150	156	865	166	62	102	0,02	127
Borssele 12	30	140	10	20	9 270	580	70	2 054 544	97	904	174	763	177				

## Poland

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Belchatow	1 270	1	630	1 310	359 200	27 830	3 450	37 051 920	1	61 000	1	40 300	1	1 010	7	0,16	20
Kozienice	650	3	320	660	186 500	14 140	1 770	11 393 513	9	33 400	5	18 100	9			0,22	14
Rybnik	480	5	240	490	134 660	10 380	1 290	6 548 392	25	23 300	11	14 400	15	381	29	0,18	19
Turow	360	14	190	300	129 510	7 940	970	7 595 544	18	21 400	13	9 180	25	911	9	0,05	64
Adamow	270	18	140	280	76 740	5 960	740	3 908 045	54	13 500	22	7 830	34	679	14	0,44	3
Ostroleka	190	31	100	200	54 290	4 210	520	1 403	241	9 440	30	5 730	45	342	34	0,03	87
Polaniec	180	32	90	200	47 220	4 120	490	6 299 450	28	4 890	66	10 400	21	515	18	0,07	47
Patnow II	170	36	80	180	46 910	3 800	470	5 371 308	36	6 630	46	7 430	37	104	81	0,38	7
Jaworzno 3	170	36	90	190	47 740	3 900	470	4 519 062	47	6 410	47	8 120	31	66	100	0,10	36
Opole	160	40	80	180	43 590	3 750	440	5 821 226	30	4 530	71	9 570	24	198	54	0,21	15
Zeran	150	45	70	150	41 610	3 150	400	2 324 804	88	7 990	34	3 160	70	385	28	0,03	97
Dolna Odra	140	48	70	130	45 240	2 960	390	4 691 837	43	5 920	53	8 340	30	136	70	0,09	38
Laziska	140	48	70	150	38 300	3 100	380	3 784 947	58	5 580	56	5 800	44	189	55	0,10	32
Skawina	130	52	70	130	37 040	2 830	370	1 564 082	117	6 840	41	3 260	68	267	42	0,03	81
Lagisza	130	52	70	140	36 910	2 970	360	2 912 395	69	5 570	57	5 280	48	248	45		
Krakow	130	52	60	130	34 930	2 810	360	1 782 340	105	5 760	55	4 200	55	637	16	0,01	143
Siersza	100	63	50	100	27 740	2 080	260	1 816 763	102	5 330	62	2 100	103	138	68	0,04	77
Wroclaw	90	69	40	90	25 390	1 930	240	1 081 987	137	4 600	70	2 380	96	81	93		
Stalowa Wola	90	69	50	90	25 700	1 960	250	832 521	151	4 660	68	2 400	94	139	67	0,05	63
Gdansk 2	80	79	40	80	22 140	1 720	210	1 088 560	135	3 830	75	2 370	97	145	64	0,05	67
Bydgoszcz II	80	79	40	80	21 400	1 630	200	754 880	158	3 910	73	1 950	109	134	71	0,03	98
Lodz 3	60	96	30	60	16 740	1 280	160	656 150	169	2 940	85	1 720	122			0,01	128
Poznan-Karolin	60	96	30	60	16 110	1 280	160	1 144 354	132	2 660	92	1 930	111	184	56	0,03	99
Bedzin	50	108	20	50	13 750	1 050	130	520 833	177	2 600	93	1 110	154	178	58		
Patnow II	50	108	20	50	12 530	1 020	120	2 350 415	85	1 700	127	2 100	103			0,12	27
Pomorzan	40	123	20	40	15 340	960	120	763 880	157	2 440	98	1 400	137	122	73	0,01	137
Gdynia	40	123	20	40	12 080	950	120	660 491	168	2 060	109	1 340	141	112	77	0,03	102

Lodz 4	40	123	20	40	12 010	930	110	769 004	156	2 020	111	1 380	139			0,01	133
Zabrze	40	123	20	30	9 830	750	100	223 731	207	1 860	118	794	174	114	76		
Katowice	40	123	20	30	10 000	740	100	867 301	148	2 030	110	582	189	84	92	0,02	115
Jaworzno 2	40	123	20	40	10 070	770	100	870 727	146	1 740	123	1 080	155			0,01	147
Chorzow 2	30	140	20	30	9 150	700	90	1 082 121	136	1 650	128	868	165	60	104	0,02	111
Konin	30	140	20	30	8 790	700	90	628 153	171	1 300	143	1 300	145			0,04	76
Czechnica	30	140	10	30	7 750	590	70	280 217	203	1 360	140	798	173				
Zofiolwa	20	161	10	20	6 930	530	70	21 409	236	1 280	145	608	184	60	105		
Miechowice	20	161	10	20	6 110	460	60	201 533	210	1 200	151	422	206	77	94		
Bialystok	20	161	10	20	5 050	420	50	326 380	196	629	193	936	159			0,04	71
Mielec	10	189	10	10	3 790	280	40	138 643	217	745	187	261	229				
Bielsko-Biala	10	189	10	10	3 240	250	30	0	243	649	192	204	236	52	115		
Tychy	10	189	10	10	3 170	250	30	64 889	230	519	198	388	211				
Zofiolwa Moszczenica	10	189	0	10	2 370	180	20	0		427	212	227	233				
Blachownia	10	189	0	10	1 580	160	20	284 908	202			615	182				
Szczecin	10>	232	0	0	880	70	10	1 470	240			544	196				
Zgierz	10>	232	0	0	780	50	10	0	243	185	234						
Czestochowa	10>	232	0	0	710	50	10	341 676	194	170	237						

## Portugal

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Sines	80	79	50	90	26 980	2 540	220	8 683 899	15	4 180	72	4 660	52			0,10	33
Pego	30	140	20	40	10 560	1 020	90	3 615 854	60	1 610	129	2 040	107			0,03	80

## Romania

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	Pollution Emitted (tonnes)							
										SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Drobeta	430	10	220	350	118 170	10 840	1 180	978 674	139	35 900	4	1 750	121	445	22	0,03	88
Mintia	340	15	170	310	80 970	8 260	910	918 725	143	21 100	14	7 950	32	2 590	3		
Rovinari	250	23	120	240	58 510	6 000	680	5 412 542	35	13 600	21	8 920	27	744	12	0,06	56
Oradea II	240	24	120	200	61 250	5 990	660	987 568	138	18 400	16	1 310	144	2 330	4		
Govora	230	25	120	200	59 980	5 820	630	1 126 695	133	17 200	17	2 860	80	1 360	6		
Turceni	180	32	90	190	40 450	4 310	490	4 454 326	48	7 870	35	9 120	26	303	38	0,05	68
Paroseni	170	36	90	140	46 500	4 240	460	832 470	152	14 200	19	550	194	103	82		
Craiova II	170	36	90	140	46 020	4 300	470	1 241 520	128	13 500	22	1 610	126	284	40		
Isalnita	90	69	40	70	22 920	2 140	230	2 608 863	76	6 830	42	595	186	227	48		
Iasi II	50	108	20	40	11 590	1 140	130	17 271	238	2 940	85	1 290	146	59	107		
Bacau	30	140	10	20	7 150	690	70	70 567	229	2 010	113	419	207	86	91		

## Slovakia

Pollution Emitted (tonnes)

Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Novaky	470	6	230	450	138 320	9 700	1 240	2 143 125	93	31 000	7	3 270	67				
Teko	30	140	20	30	8 440	690	80	429 166	184	1 150	156	1 410	135				
Zvolenska	20	161	10	20	6 060	460	60	96 610	225	1 120	159	533	198				
Martinska	10	189	0	10	2 610	200	20	0		475	202	240	232			0,02	126
Vojany I	10	189	0	10	2 020	150	20	390 409	190	378	213	171	238				

## Slovenia

Pollution Emitted (tonnes)																	
Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Sostanj	180	32	110	170	53 430	4 550	500	3 791 039	57	3 550	78	6 400	40	147	63	0,01	149
Te-Tol	20	161	10	20	6 800	580	60	565 901	174	446	207	828	172				

## Spain

Pollution Emitted (tonnes)																	
Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Andorra	400	12	260	360	150 370	11 970	1 100	4 663 461	44	25 500	10	7 520	36	371	30	0,07	51
Litoral	180	32	120	190	63 080	5 550	480	6 440 967	26	10 200	28	7 330	39	329	35	0,06	54
Abono	140	48	100	160	46 740	4 540	380	7 545 959	19	7 150	40	8 850	28	350	33	0,05	59
As Pontes	130	52	90	160	44 660	4 350	360	7 542 286	20	6 830	42	8 480	29	435	23	0,05	61
Compostilla II	130	52	90	150	43 780	4 190	350	4 233 843	51	6 780	45	7 580	35	561	17	0,14	25
Anllares	110	59	70	120	38 730	3 440	300	729 054	160	6 230	50	4 770	51	221	49	0,01	131
Meirama	90	69	60	90	32 430	2 810	250	3 016 683	65	5 280	63	3 470	63	108	78	0,04	78
Alcudia II	80	79	60	80	29 850	2 580	230	1 987 163	99	4 870	67	3 100	73	166	59	0,01	131
La Robla	60	96	40	80	16 550	1 940	160	2 587 314	77	2 250	103	5 500	46	506	19	0,01	129
Los Barrios	50	108	40	70	15 820	1 710	140	3 499 191	61	2 260	101	4 350	53	183	57		
Soto de Ribera	50	108	30	50	15 530	1 460	120	2 925 818	68	2 430	99	2 490	91	143	65		
Velilla	40	123	30	50	11 290	1 290	100	1 781 042	106	1 540	131	3 720	58	123	72		
Lada	30	140	20	40	10 020	1 100	90	1 761 226	107	1 410	135	2 930	78	101	83		
Narcea	30	140	20	40	7 860	990	80	1 786 748	104	973	169	3 410	65			0,02	106
Puente Nuevo	20	161	10	20	5 860	510	40	1 593 746	115	948	171	683	180				

## Sweden

Pollution Emitted (tonnes)																	
Power station name	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Vaerta	10>	232	0	0	190	20	0	608 308	172			330	217				
Vaesteras	10>	232	0	0	170	10	0	225 314	206			290	224				
Linköping	10>	232	0	0	80	10	0	61 239	231			141	243				



# United Kingdom

Power station name	Pollution Emitted (tonnes)																
	Premature deaths	# out of 257	Chronic bronchitis	Hospital admissions	Lost working days	Child asthma attacks	€m health cost high range*	CO2 emissions, tonnes (2015)	# out of 243	SO2	# out of 237	NOx	# out of 252	PM10	# out of 116	Mercury	# out of 152
Drax	590	4	300	480	142 590	14 630	1 590	13 192 780	6	32 300	6	39 300	2	752	11	0,31	10
Longannet	380	13	210	290	105 240	10 100	1 040	7 457 176	21	25 800	9	17 900	11	489	20	0,11	30
Eggborough	340	15	180	260	87 080	8 620	920	4 748 504	41	20 800	15	17 900	11	820	10	0,26	11
Aberthaw	270	18	120	240	41 490	5 540	710	6 703 696	24	5 860	54	31 500	3	432	24	0,10	35
Ferrybridge	260	22	130	200	64 600	6 490	690	2 328 454	87	15 200	18	14 600	14	680	13	0,10	34
Ratcliffe	230	25	110	190	51 580	5 510	640	4 774 148	39	11 000	26	18 100	9	119	74	0,11	31
Cottam	220	27	100	190	40 580	4 850	580	6 756 444	23	7 620	37	20 100	6	928	8	0,12	28
Fiddler's Ferry	210	29	110	170	52 440	5 330	570	5 556 750	34	12 100	24	13 200	17	405	26	0,07	48
West Burton	210	29	100	180	42 380	4 760	550	7 724 207	17	8 430	33	18 300	8	217	50	0,16	21
Rugeley	110	59	50	100	17 290	2 270	300	3 854 947	56	2 570	96	12 400	19	206	52	0,04	75
Kilroot	50	108	30	40	12 510	1 280	140	2 079 830	95	2 800	88	3 650	60			0,00	151

1. A few coal stations from this list have closed in the meantime: Genk-Langerlo in Belgium, Varna in Bulgaria, Huerth Goldenberg in Germany, Oroszlany in Hungary, Borssele 12 in Netherlands, Gelderland 13 in Netherlands, Zgierz in Poland, Ferrybridge in UK, Rugeley in UK, Longannet in UK.

2. All health impacts numbers were rounded to closest 10

\* Depending on the monetary valuation applied for mortality, the cost attributed to one premature death is either the median value of 1.26 million Euros or the high value of 2.56 million Euros (2013 prices). See Holland (2014), Cost-benefit Analysis of Final Policy Scenarios for the EU Clean Air Package. <http://ec.europa.eu/environment/air/pdf/TSAP%20CBA.pdf>