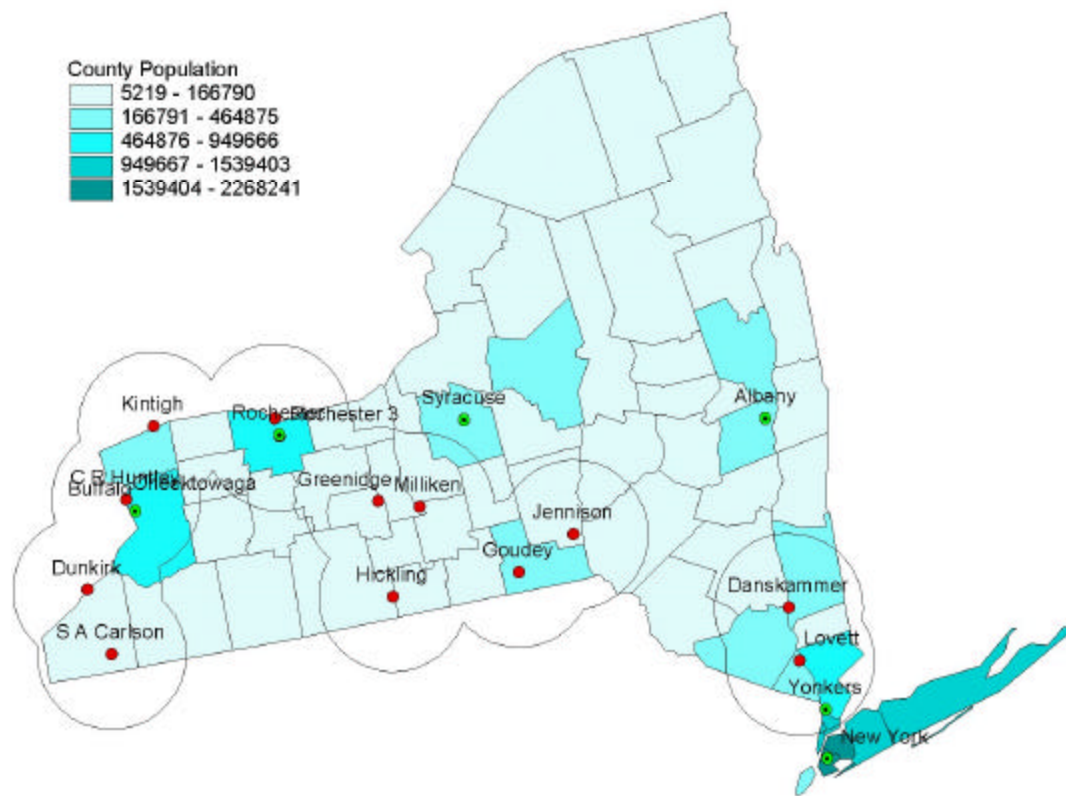


New York State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	12
Total Reported Releases	
Air	25,760,999
Land	286
Water	81

Total Lake Acres/River Miles under Mercury Fish Advisory	16,385 / 0
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Total Ozone Non-Attainment Areas	23
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Exposure Within 30 Mile Radius

Total Population	13,807,447
Total Number of Children	3,199,588
Total Number of Children in Poverty	999,233
Total Number of Children With Asthma	179,051

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

New York

Air Releases (tons except where noted)

Land Waste in Tons (on site (off site))

Plant Name	County	Total Reported Air Releases									Total Reported Land releases				Total Reported Water Releases
		NOx	SO2	CO2	PM2.5	PM10	VOCs	Acid Gases	Mercury (lbs)	Arsenic	Chromium	Nickel			
C R Huntley	Erie	4,268,577	10,919	52,302	4,203,999	113	229	36	1,092	180	66	0 (6)	0 (5)	0 (4)	50
Danskammer	Orange	2,801,809	5,390	12,425	2,783,072	86	186	37	699	116	25	0 (0)	6 (0)	9 (0)	0
Dunkirk	Chautauqua	3,776,514	6,352	54,708	3,714,120	112	247	44	1,043	165	42	0 (0)	0 (2)	0 (2)	30
Goudey	Broome	1,104,275	2,606	17,490	1,084,105	29	64	10	0	35		0 (0)	0 (0)	0 (0)	0
Greenidge	Yates	1,326,806	2,979	19,893	1,303,218	40	89	13	613	74	110	0 (0)	0 (0)	- (-)	0
Hickling	Steuben	262,593	474	2,443	259,454	53	86	3	133	22	12	0 (0)	0 (0)	- (-)	0
Jennison	Chenango	385,440	618	3,238	381,315	64	103	4	163	17		0 (0)	0 (0)	- (-)	0
Kintigh	Niagara	5,109,759	7,500	8,296	5,093,571	156	343	50	0	151		0 (0)	0 (0)	0 (0)	0
Lovett	Rockland	2,344,149	4,298	9,904	2,329,270	70	153	35	489	31	31	0 (0)	0.2 (3)	0 (3)	1
Milliken	Tompkins	2,528,838	3,921	9,012	2,515,682	90	197	25	0	136		0 (0)	0 (0)	0 (0)	0
Rochester 7	Monroe	1,590,246	2,849	25,511	1,561,760	49	109	17	0	53		0 (0)	0 (0)	0 (0)	0
S A Carlson	Chautauqua	261,992	544	3,091	258,290	11	23	3	41			0 (0)	0 (0)	- (-)	0
Total		25,760,999	48,450	218,313	25,487,856	872	1,830	277	4,273	979	286	0 (6)	6 (10)	9 (8)	81

Notes and Sources: All releases are given in tons per year except for mercury which is given in pounds per year. Total air releases is the sum of NOx, SO2, CO2, PM10, VOCs, acid gases, and mercury (PM2.5 is included in PM10). The specific land waste metals were chosen due to their potential to contaminate groundwater. Metals listed include metals and their compounds. The Total Reported Land Releases column does not reflect all solid waste generated from coal-fired power plants. Water releases include total releases from the Toxics Release Inventory (TRI). SO2, NOx, and CO2 emissions come from the EPA's Continuous Emissions Monitoring System data for 2000. Mercury is calculated by applying the mercury emission rates developed in "Mercury Falling" (Environmental Working Group, Clean Air Network, and NRDC, 1999) to the heat input reported in the EPA CEMS data for 2000. PM2.5, PM10, VOCs, and acid gas emission rates were calculated based on the Clean Air Network's data for 1998 emissions. The emission rates were applied to the heat input for 2000. All other data came from the Clean Air Network 1998 data. All calculations were done by MSB Energy Associates for the Clean Air Task Force.

New York Exposure Profile for Children Within 30 Miles of a Coal-Fired Power Plant

Data Sources: U.S. Census Population Estimates for 1997; "Estimated Prevalence and Incidence of Lung Disease by Lung Association Territory," American Lung Association, 2001 (data is for 1998).

Exposure from Plants in State

Plant	State	County	Exposed Population	Children Under 18	Children in Pediatric Poverty	Asthma
Danskammer	NY	Orange	1,197,387	285,933	43,204	16,342
Goudey	NY	Broome	334,449	83,263	16,475	4,299
Greenidge	NY	Yates	431,408	104,190	19,262	5,823
Hickling	NY	Steuben	256,283	66,134	14,228	3,556
Jennison	NY	Chenango	323,343	80,228	16,786	4,133
Milliken	NY	Tompkins	415,100	100,317	19,577	5,506
C R Huntley	NY	Erie	1,196,189	287,174	65,236	15,143
Dunkirk	NY	Chautauqua	249,027	62,593	15,638	3,327
Lovett	NY	Rockland	2,948,521	704,392	217,247	40,248
Rochester 7	NY	Monroe	937,781	229,628	47,609	12,729
S A Carlson	NY	Chautauqua	190,251	49,313	12,578	2,644
Kintigh	NY	Niagara	600,722	146,269	31,736	7,800