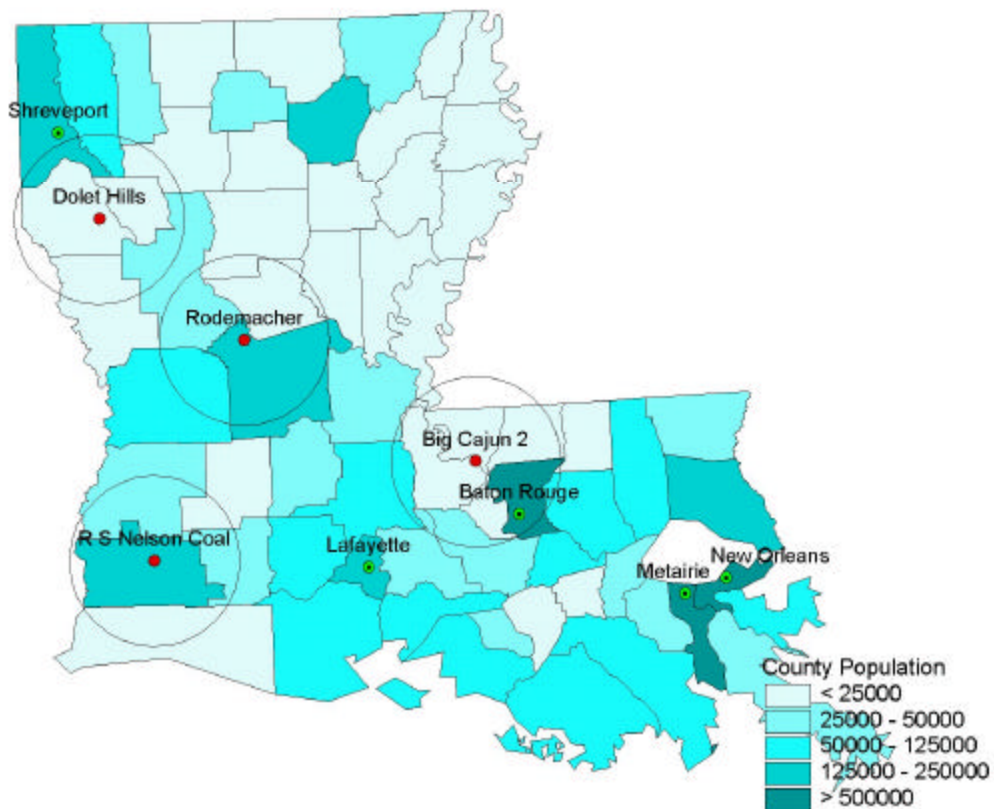


Louisiana State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	4
Total Reported Releases	
Air	24,287,341
Land	2,261
Water	26

Total Lake Acres/River Miles under Mercury Fish Advisory	0 / 142
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Total Ozone Non-Attainment Areas	6
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Exposure Within 30 Mile Radius

Total Population	1,202,166
Total Number of Children	334,941
Total Number of Children in Poverty	96,425
Total Number of Children With Asthma	17,199

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

Louisiana

Air Releases (tons except where noted)

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

Plant Name	County	Air Releases (tons except where noted)									Land Waste in Tons (on site (off site))				
		Total Reported Air Releases	NOx	SO2	CO2	PM2.5	PM10	VOCs	Acid Gases	Mercury (lbs)	Total Reported Land releases	Arsenic	Chromium	Nickel	Total Reported Water Releases
Big Cajun 2	Pointe Coupee	14,199,757	21,486	50,384	14,124,989	578	841	213	1,844	448	839	0 (0)	9 (0)	7 (0)	1
Dolet Hills	De Soto	5,218,373	10,868	19,518	5,186,835	545	755	122	275	370	1,419	0 (0)	15 (0)	12 (0)	19
Rodemacher	Rapides	4,869,211	10,097	14,839	4,843,732	248	369	106	67	206	3	0 (0)	0 (0)		6
Total		24,287,341	42,451	84,741	24,155,556	1,371	1,966	441	2,186	1,023	2,261	0 (0)	24 (0)	19 (0)	26

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.

Louisiana 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
Dolet Hills	LA	De Soto	199,337	57,544	19,381	2,883
R S Nelson Coal	LA	Calcasieu	226,678	62,462	15,905	3,305
Big Cajun 2	LA	Pointe Coupee	538,734	143,475	39,522	7,591
Rodemacher	LA	Rapides	208,839	63,206	18,797	3,018