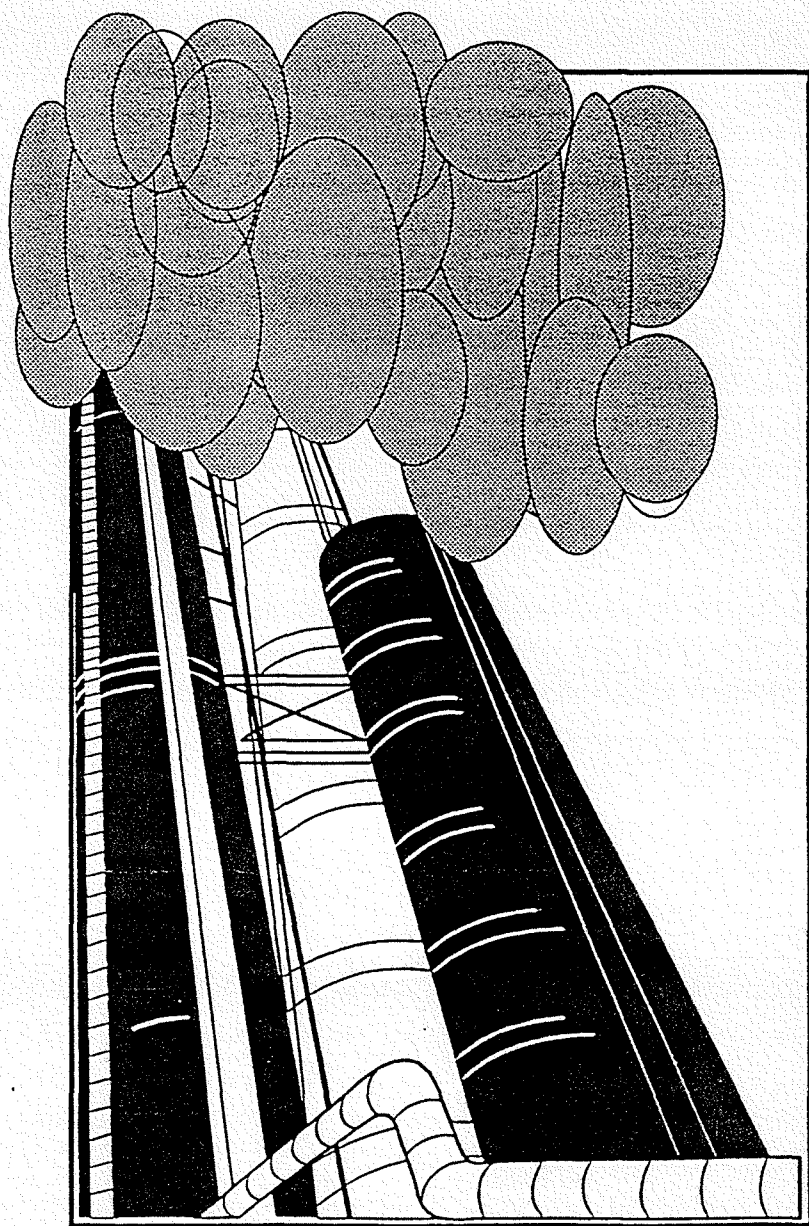


Poisons in Our Neighborhoods

Toxic Pollution in Alabama



Citizens Fund

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Citizens Fund

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Introduction

Poisons in Our Neighborhoods details manufacturers' toxic chemical pollution for 1992, the most recent year for which information is available.¹ The report uses data that individual manufacturing facilities were required to file with the U.S. Environmental Protection Agency (EPA) under the Emergency Planning and Community Right-to-Know Act, Title III of the Superfund Amendments and Reauthorization Act of 1986, and the Pollution Prevention Act of 1990.

Toxics Release Inventory Reporting Requirements

Manufacturing facilities with ten or more employees using or manufacturing certain quantities of some 300 toxic chemicals and 20 chemical categories must file Toxics Release Inventory (TRI) forms with EPA and the appropriate state agency each July 1. Facilities which manufacture 25,000 pounds or use 10,000 pounds of one of the listed chemicals must report. A separate report is filed for each chemical.

In addition to basic identification information, facilities that fall under the reporting requirements must submit the following data:

- the maximum amount of the chemical on-site;
- the amount of the toxic chemical released directly into the air, water and land (called "releases");
- the amount of the toxic chemical transferred to public sewage treatment plants and off-site waste disposal facilities (called "transfers");
- the amount of the toxic chemical recycled, burned to generate energy and treated;
- waste treatment and disposal methods employed;

¹ Toxic release reports for 1993 were due in July, 1994. They are not yet electronically available.

- the production level of the facility relative to the previous year, and;
- activities facilities took to reduce the chemical at the source.

The toxic chemicals released into the environment, transferred off-site, recycled, treated and burned to generate energy make up the total production-related waste for the facility.

Facilities with less than ten employees are not required to report, nor are facilities which do not meet the appropriate chemical thresholds. Although non-manufacturing facilities are not required to report under current law, EPA is planning to require some categories of non-manufacturers to report in the future. EPA has also proposed to double the number of chemicals that facilities must report. Beginning next year, federal facilities must comply with TRI reporting requirements.

Causes of Year-To-Year Changes in the TRI

Releases and transfers of toxic chemicals have declined steadily since the first year facilities reported them; facilities have not reported total production waste for a long enough time to have established a trend.

Because the TRI does not collect sufficient data to establish *why* facilities have reduced their estimates of releases and transfers, interpreting year-to-year changes is difficult. EPA's own analysis of TRI changes confirms that a majority of the reported reductions have not reflected real, permanent decreases in toxic chemical releases. In a survey to determine the causes of TRI reductions which occurred between 1989 and 1990, EPA reached the following conclusions:²

- Modifications to reporting guidance, reporting errors, increased recycling, extraordinary events such as spills, and reasons which the facility were unable to explain accounted for 48% of the changes at surveyed facilities.
- Pollution prevention initiatives were responsible for about 45% of the changes.
- Fluctuations in production levels accounted for about 5% of the changes.
- Changes in the techniques used to estimate releases were responsible for 3% of the changes.

² U.S. EPA, *Assessment of Changes in Reported TRI Releases and Transfers Between 1989-1990*. May, 1993.

The only certain way to determine whether a facility is making progress in preventing pollution or reporting only paper changes is to ask a facility representative for documentation. Previous facility surveys by Citizens Fund have also found that year-to-year changes often involve only changes in reporting methodology, variations in production levels and one-time events such as spills rather than actions that result in permanent reductions.³

Sources of the Data

Poisons in Our Neighborhoods is based on EPA's 1992 TRI. It may contain data entry errors committed by EPA, and it may not include revisions facilities have made since they submitted their initial reports. Only later versions of the data, which are not yet available, will contain most revisions. These data are the most recent version of the TRI available electronically.

The health effects information used in this report is based on a toxicity matrix prepared for EPA.⁴

- *Carcinogens* - Chemicals indicated as causing cancer meet one or more of the following criteria: (1) classification as human or animal positive or suspected carcinogen by the International Agency for Research on Cancer; (2) classification by EPA as known, probable or suspected carcinogen, or; (3) indication of tumor induction, based on the GENETOX on-line database.
- *Birth-defect Causing* - Chemicals are classified as causing birth defects based on reports of positive results from studies on heritable mutation in germ cells as reported to the GENETOX on-line database. In addition, chemicals that may damage the developing embryo or fetus, or cause developmental deformities are classified as causing birth defects.

³ Citizens Fund, *Poisons in Our Neighborhoods: Toxic Pollution in the United States*, 1993. Also, Citizens Fund, *Manufacturing Pollution*, 1992.

⁴ Clement Associates, *Support Documentation for the SARA Title III, Sections 313/322 Toxicity Matrix*, Draft prepared for EPA Office of Toxic Substances. August 17, 1988,

Alabama Toxics Release Inventory Summary

Releases	<u>Pounds</u>			
Air	94,922,612			
Water	5,078,042			
Land	6,144,897			
Underground Injection	6,269,431			
Transfers				
Public Sewage Treatment Plants	1,097,314			
Offsite Disposal Facilities	9,793,574			
Waste Management	<u>On-Site</u>	<u>Off-Site</u>		
Recycling	294,852,601	37,443,734		
Burning for Energy Recovery	85,075,299	11,317,763		
Treatment	620,354,050	11,102,147		
Total Production-Related Waste	1,182,354,150			
State Ranks				
Air	3			
Water	5			
Total Releases & Transfers	7			
Total Waste	7			
Cancer-Causing Waste	9			
Birth Defect-Causing Waste	7			
Changes in Total Releases and Wastes, 1991 - 1994 *				
	<u>Actual</u>	<u>Projected</u>	<u>Pct. Change</u>	
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u> <u>'91 - '92</u> <u>'92 - '93</u> <u>'93 - '94</u>
Total Releases				
121,136,703	117,520,795	107,489,481	101,035,656	-3.0% -8.5% -6.0%
Total Wastes				
1,122,901,342	1,181,813,216	1,257,964,992	1,335,160,985	5.2% 6.4% 6.1%
* The information on this section comes from the summary page of the facilities' TRI forms and may not correspond exactly with the Release and Transfer data reported above. The differences are the result of internal discrepancies in facilities' forms and the E.P.A.'s categorization of off-site disposal as a release on the summary page of the E.P.A. form but as a transfer in other sections..				

Toxic Chemical Waste by State (in pounds)

	<u>Carcinogens</u>	<u>Causing Birth Defects</u>	<u>Air</u>	<u>Water</u>	<u>Total Releases</u>	<u>Total Waste</u>
Alabama	83,092,719	281,705,653	94,922,612	5,078,042	122,208,556	1,182,354,150
Alaska	1,111,870	1,228,110	10,945,946	3,907,576	14,854,291	19,985,270
Arizona	3,232,388	20,694,833	8,392,860	5	46,261,026	578,580,275
Arkansas	9,509,692	69,100,468	28,091,101	1,434,309	48,998,091	386,704,303
California	33,289,664	135,829,216	55,864,726	10,212,654	76,514,861	651,712,315
Colorado	13,836,247	12,349,806	5,090,572	139,955	5,681,634	72,066,001
Connecticut	100,350,797	111,500,081	13,509,299	3,067,723	17,883,491	292,230,262
Delaware	17,076,384	21,592,611	5,008,493	236,887	5,431,712	112,489,998
Florida	7,178,208	56,796,768	33,533,139	3,283,487	85,221,552	390,631,304
Georgia	26,864,263	104,012,593	50,470,169	3,679,910	63,291,380	884,686,993
Hawaii	78,528	216,626	595,986	7,210	1,037,467	8,344,948
Idaho	345,602	4,589,818	5,208,084	160,405	8,279,482	36,180,890
Illinois	48,799,772	196,412,536	73,199,931	5,744,242	132,171,743	1,504,401,860
Indiana	135,016,271	324,679,218	85,931,419	1,057,170	142,364,736	1,130,000,508
Iowa	6,420,841	26,959,093	32,613,855	1,276,714	37,320,281	223,484,673
Kansas	11,672,754	121,375,412	25,534,041	733,170	96,476,951	1,258,538,690
Kentucky	106,073,332	205,232,862	38,518,630	576,039	73,648,669	523,802,214
Louisiana	410,208,309	451,287,206	89,037,222	186,329,123	468,372,603	2,580,907,292
Maine	2,327,383	12,769,406	13,218,673	591,203	16,178,824	122,451,006
Maryland	10,877,128	28,156,636	10,571,969	838,672	13,424,028	437,997,011
Massachusetts	45,898,494	92,342,819	14,357,575	74,814	16,527,147	171,205,914
Michigan	111,726,166	334,825,425	66,379,375	750,074	104,123,368	1,078,142,410
Minnesota	13,939,840	141,037,986	29,610,947	502,921	32,308,431	230,818,936
Mississippi	35,618,037	151,216,211	54,351,096	1,545,440	120,872,833	4,595,965,621
Missouri	34,706,323	173,297,582	36,365,674	1,119,222	55,034,181	837,260,805
Montana	440,014	10,862,801	2,788,614	139,875	44,042,306	136,593,815
Nebraska	2,624,661	13,747,213	12,580,582	444,578	18,313,704	87,972,027
Nevada	124,711	2,935,052	877,195	370	3,750,404	27,893,191
New Hampshire	3,314,066	12,446,472	5,999,163	74,669	6,720,467	56,980,408
New Jersey	35,656,329	116,047,711	20,406,120	415,684	24,328,548	622,707,461
New Mexico	805,135	42,850,601	1,973,690	6	20,393,449	84,614,899
New York	86,374,979	163,533,006	55,288,449	1,779,412	64,393,556	948,387,679
North Carolina	46,600,110	153,776,165	82,084,164	750,668	109,259,996	908,101,398
North Dakota	175,811	990,925	1,755,365	118,022	1,944,914	4,675,509
Ohio	85,935,215	339,781,304	90,707,214	4,774,674	174,026,388	1,791,332,844
Oklahoma	26,575,532	44,619,146	24,203,198	1,075,537	35,373,672	159,743,980
Oregon	10,727,628	19,075,068	16,386,068	507,540	22,776,458	181,804,675
Pennsylvania	62,590,128	481,245,013	61,485,060	1,351,030	95,019,862	1,173,546,707
Rhode Island	1,590,950	16,726,888	3,319,452	115,849	5,436,682	46,049,611
South Carolina	23,718,779	126,754,701	61,937,430	1,053,027	73,974,448	705,760,461
South Dakota	418,052	2,598,144	2,909,620	57,005	3,041,600	40,943,662
Tennessee	61,141,319	243,797,828	127,374,340	2,625,587	211,028,502	745,191,412
Texas	1,168,256,688	3,888,297,703	157,433,154	16,754,975	452,158,273	7,505,889,670
Utah	1,874,036	10,101,574	69,014,631	103,845	83,454,166	303,352,763
Vermont	7,145,348	9,249,931	829,974	32,363	907,363	20,099,328
Virginia	17,710,800	95,281,539	64,027,825	1,896,631	70,000,080	607,997,005
Washington	20,767,870	73,543,361	22,008,549	4,037,428	27,688,671	505,749,255
West Virginia	26,104,375	247,115,656	23,021,300	1,523,103	27,419,340	596,094,620
Wisconsin	19,570,166	92,756,310	37,015,123	676,379	50,965,823	341,912,375
Wyoming	278,200	2,367,966	2,292,899	120,529	15,030,885	19,415,473

State Rankings by Toxic Chemical Waste

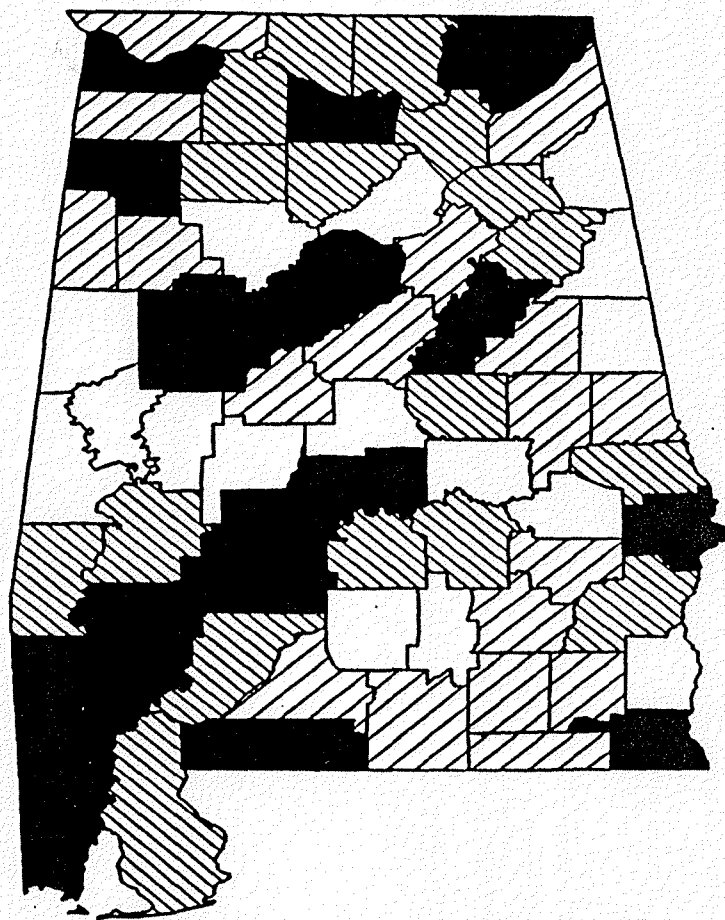
	<u>Carcinogens</u>	<u>Causing Birth Defects</u>	<u>Air</u>	<u>Water</u>	<u>Total Releases</u>	<u>Total Waste</u>
Alabama	9	7	3	5	7	7
Alaska	42	48	35	8	39	47
Arizona	37	34	37	50	24	21
Arkansas	32	27	24	17	23	26
California	18	17	14	3	15	17
Colorado	28	40	40	37	43	40
Connecticut	6	21	32	11	35	29
Delaware	26	33	41	35	45	37
Florida	33	28	21	10	13	25
Georgia	19	22	17	9	20	13
Hawaii	50	50	50	47	49	49
Idaho	46	44	39	36	41	44
Illinois	12	11	8	4	6	5
Indiana	3	6	6	22	5	9
Iowa	35	32	22	19	26	31
Kansas	29	19	25	27	11	6
Kentucky	5	10	18	30	17	22
Louisiana	2	3	5	1	1	3
Maine	39	38	33	29	37	36
Maryland	30	31	36	24	40	24
Massachusetts	14	25	31	43	36	33
Michigan	4	5	10	26	10	10
Minnesota	27	16	23	32	28	30
Mississippi	16	15	16	15	8	2
Missouri	17	12	20	20	21	14
Montana	44	41	44	38	25	35
Nebraska	38	37	34	33	34	38
Nevada	49	45	48	48	46	45
New Hampshire	36	39	38	44	42	41
New Jersey	15	20	29	34	31	18
New Mexico	43	30	46	49	33	39
New York	7	13	15	14	19	11
North Carolina	13	14	7	25	9	12
North Dakota	48	49	47	40	48	50
Ohio	8	4	4	6	4	4
Oklahoma	20	29	26	21	27	34
Oregon	31	35	30	31	32	32
Pennsylvania	10	2	13	18	12	8
Rhode Island	41	36	42	41	44	42
South Carolina	22	18	12	23	16	16
South Dakota	45	46	43	45	47	43
Tennessee	11	9	2	12	3	15
Texas	1	1	1	2	2	1
Utah	40	42	9	42	14	28
Vermont	34	43	49	46	50	46
Virginia	25	23	11	13	18	19
Washington	23	26	28	7	29	23
West Virginia	21	8	27	16	30	20
Wisconsin	24	24	19	28	22	27
Wyoming	47	47	45	39	38	48

Toxic Air Emissions in Alabama, 1992

Top 50 Facilities

Rank	Facility	Pounds
1.	Courtaulds Fibers Inc. (U.s. Hwy. 43 N. P.o. Box 141, Axis)	42,297,115
2.	3M Traffic Control Materials Div. (Hwy. 78 W., Guin)	2,463,050
3.	Scott Paper Co. (Bay Bridge Rd., Mobile)	2,416,505
4.	Mead Coated Board Inc. (Alabama Hwy. 165 S., Cottonton)	2,160,610
5.	Amoco Chemical Co. (Finley Island Rd., Decatur)	2,113,167
6.	International Paper Mobile Mill (Paper Mill Rd., Mobile)	1,818,305
7.	U.Pulp & Newsprint (Alabama Rte. 235, Coosa Pines)	1,738,394
8.	3M (State Docks Rd., Decatur)	1,667,154
9.	Union Camp Corp. (100 Jensen Rd., Prattville)	1,505,241
10.	Container Corp. Of America (Hwy. 31 S., Brewton)	1,452,310
11.	Ciba-Geigy Corp. Mcintosh Plant (Geigy Rd. Off Hwy. #43, Mc Intosh)	1,344,061
12.	International Paper Hammermill Riverdale Mill (10130 River Rd. P.o. Box 1409, Selma)	1,182,885
13.	Pemco Aeroplex Inc. (1943 50th St. N., Birmingham)	1,145,000
14.	Sony Magnetic Prods. Inc. Of America (Hwy. 84 W., Dothan)	1,059,596
15.	Macmillan Bloedel Inc. (Hwy. 10 E., Pine Hill)	1,032,610
16.	Boise Cascade Corp. White Paper Div. (307 W. Industrial Rd., Jackson)	947,965
17.	Gulf States Paper Corp. (Hwy. 80 W., Demopolis)	876,905
18.	Reynolds Metals Co. Alloys Plant (3509 E. 2nd St., Muscle Shoals)	844,810
19.	Monsanto Co. Chemical Group (Courtland Hwy. Hwy. 20, Decatur)	840,786
20.	Reynolds Metals Co. Sheffield Plant (501 W. 20th Ave., Sheffield)	829,390
21.	Madix Inc. (1537 S. Main St., Goodwater)	785,355
22.	Alabama River Pulp Co. Inc. (Off Hwy. U.s. 84, Claiborne)	770,300
23.	Alabama Reclamation Plant Alabama Reclamation Plant (Ford Rd., Sheffield)	754,910
24.	James River Corp. Naheola Mill (Hc66 Box 315, Pennington)	704,520
25.	Champion International Corp. Courtland Mill (County Line Rd. 150 County Line Rd. 150, Courtla	681,785
26.	Hoechst-Celanese Corp. (Hwy. 43 N. P.o. Box 64, Bucks)	674,021
27.	Midnight Boiler Works Inc. (5301 Hwy. 43 N. P.o. Box 489, Satsuma)	671,643
28.	Sloss Ind. Corp. Birmingham Facility (3500 35th Ave. N., Birmingham)	631,500
29.	GE Co. Plastics Burkville Operation (1 Plastics Dr., Burkville)	617,970
30.	GE Co. (2328 Eighth Street, S.e., Decatur)	571,507
31.	Steelcase Inc. (214 Durham Dr., Athens)	517,217
32.	Witco Corp. Concarb Div. (1500 E. State Docks Rd. P.o. Box 1327, Phenix City)	452,855
33.	Louisiana-Pacific Corp. Eufaula Mdf Mill (White Oak Station Rd., Clayton)	442,188
34.	Ampex Recording Media Corp. (2230 Marvyn Pky. P.o. Box 190, Opelika)	417,500
35.	Phifer Wire Prods. Inc. (4400 Kauloosa Ave., Tuscaloosa)	385,265
36.	Emco Inc. (201 Industrial Pky., Gadsden)	384,552
37.	JVC Magnetics America Co. (#1 Jvc Rd., Tuscaloosa)	373,882
38.	Quality Dinettes Inc. (Bethel Rd., Arley)	356,206
39.	American Cast Iron Pipe Co. (2930 N. 16th St., Birmingham)	345,250
40.	Blue Mountain Industries (20 Blue Mountain Ave., Blue Mountain)	343,766
41.	Mead Containerboard (Hwy. 72 E., Stevenson)	342,000
42.	Wellborn Cabinet Inc. (Hwy. 77 S., Ashland)	325,609
43.	Standard Furniture Mfg. Co. Inc. (801 Industrial Blvd., Bay Minette)	312,292
44.	Wolverine Tube Inc. (2100 Market St. N.e., Decatur)	311,445
45.	Daubert Coated Prods. Inc. (1828 Burgundy Ln. N.w., Cullman)	277,960
46.	GMC Saginaw Div. (U.s. Hwy. 31 S., Athens)	255,157
47.	Thermal Components Inc. (2760 Gunter Park Dr. W., Montgomery)	251,500
48.	Russell Corp. (Lee St. P.o. Box 272, Alexander City)	249,983
49.	Neste Resins Corp. (Hwy. 84 E., River Falls)	236,830
50.	Kerr-Mcgee Chemical Corp. (Rangeline Rd. P.o. Box 629, Theodore)	220,929

Toxic Air Releases in Alabama



Pounds (1,000)

 Less than 22

 22 to 371

 371 to 921

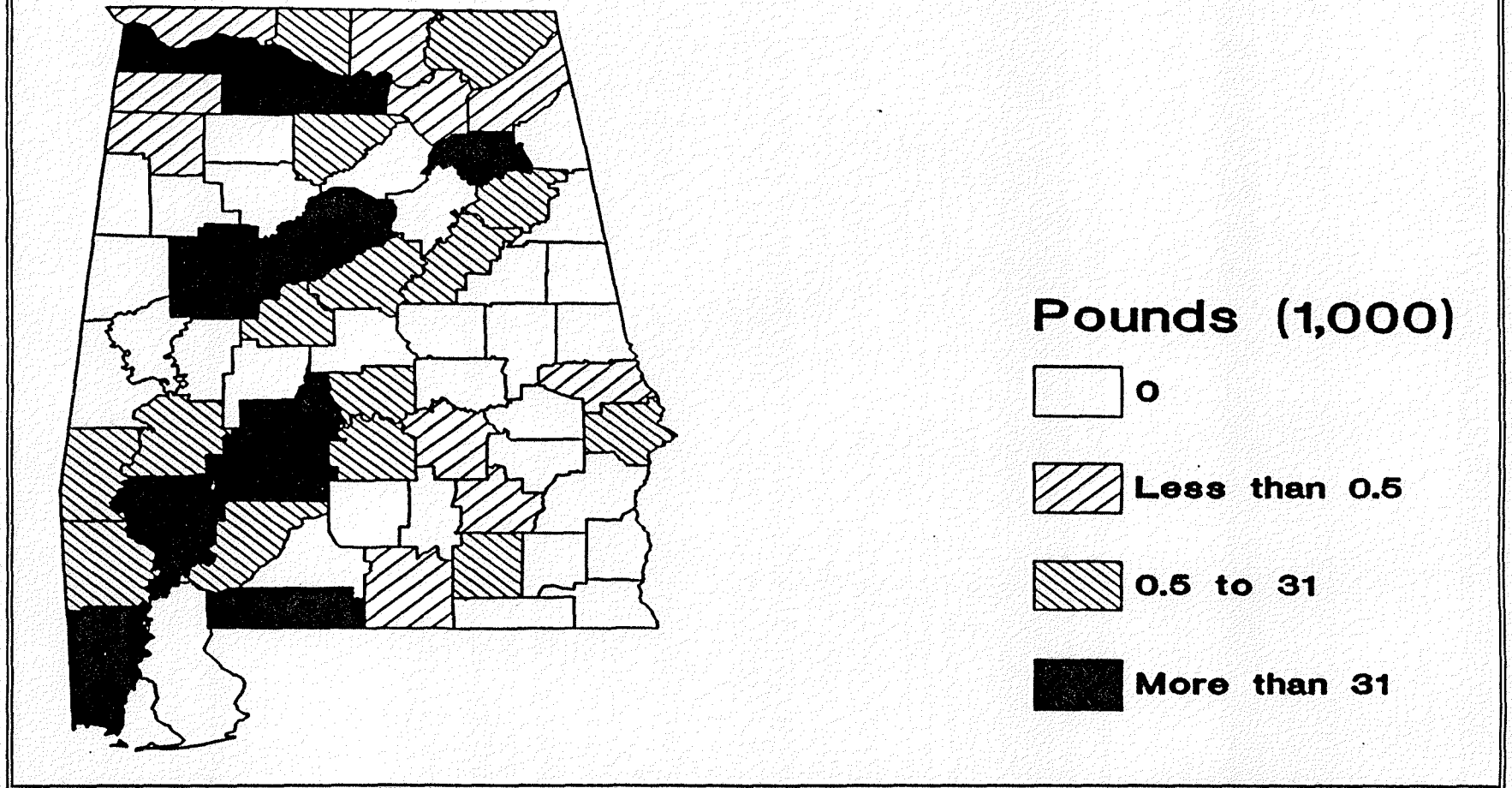
 More than 921

Toxic Chemicals Discharged into Water in Alabama, 1992

Top 50 Facilities

Rank	Facility	Pounds
1.	Monsanto Co. Chemical Group (Courtland Hwy. Hwy. 20, Decatur)	1,904,059
2.	Scott Paper Co. (Bay Bridge Rd., Mobile)	816,600
3.	U.Pulp & Newsprint (Alabama Rte. 235, Coosa Pines)	387,890
4.	International Paper Mobile Mill (Paper Mill Rd., Mobile)	312,250
5.	Laroche Ind. Inc. (County Rd. 25 P.o. Box 250, Cherokee)	288,000
6.	Gulf States Steel Inc. (174 S. 26th St., Gadsden)	262,356
7.	Container Corp. Of America (Hwy. 31 S., Brewton)	206,050
8.	Amoco Chemical Co. (Finley Island Rd., Decatur)	174,200
9.	Boise Cascade Corp. White Paper Div. (307 W. Industrial Rd., Jackson)	93,550
10.	Macmillan Bloedel Inc. (Hwy. 10 E., Pine Hill)	79,078
11.	International Paper Hammermill Riverdale Mill (10130 River Rd. P.o. Box 1409, Selma)	60,500
12.	Courtaulds Fibers Inc. (U.s. Hwy. 43 N. P.o. Box 141, Axis)	57,005
13.	Champion International Corp. Courtland Mill (County Line Rd. 150 County Line Rd. 150, Courtla	55,640
14.	Alabama River Pulp Co. Inc. (Off Hwy. U.s. 84, Claiborne)	50,050
15.	UOP Molecular Sieve Plant (Linde Dr., Chickasaw)	41,250
16.	Ciba-Geigy Corp. McIntosh Plant (Geigy Rd. Off Hwy. #43, Mc Intosh)	30,450
17.	Du Pont Mobile Plant Mobile Plant (Hwy. 43 2 Miles N. Of Axis Axis, Axis)	30,023
18.	Hunt Refining Co. (1855 Fairlawn Rd., Tuscaloosa)	28,397
19.	USS Fairfield Works Fairfield Works (5700 Valley Rd. P.o. Box 599, Fairfield)	25,287
20.	Hoechst-Celanese Corp. (Hwy. 43 N. P.o. Box 64, Bucks)	16,789
21.	Rock Wool Mfg. Co. (Pky. Dr. S.e., Leeds)	16,415
22.	Empire Coke Co. (3200 Main St. N.e., Tuscaloosa)	16,309
23.	Gulf States Paper Corp. (Hwy. 80 W., Demopolis)	14,800
24.	Union Camp Corp. (100 Jensen Rd., Prattville)	14,168
25.	Mead Containerboard (Hwy. 72 E., Stevenson)	13,810
26.	Sloss Ind. Corp. Birmingham Facility (3500 35th Ave. N., Birmingham)	12,587
27.	James River Corp. Naheola Mill (Hc66 Box 315, Pennington)	10,500
28.	Mead Coated Board Inc. (Alabama Hwy. 165 S., Cottonton)	9,796
29.	Conagra Broiler Co. (Hwy. 14 P.o. Box 1276, Enterprise)	8,900
30.	GMC Saginaw Div. (U.s. Hwy. 31 S., Athens)	3,794
31.	Degussa Corp. Alabama Group (Degussa Rd. Theodore Industrial Park, Theodore)	2,850
32.	Lawter Intl. Inc. Southern Resin Div. (Cracker Rd., Moundville)	2,460
33.	United States Pipe & Foundry Co. (2023 St. Louis Ave., Bessemer)	2,400
34.	Alabama Reclamation Plant Alabama Reclamation Plant (Ford Rd., Sheffield)	2,371
35.	Alabama Feed Products Inc. (1170 County Rd. 508, Hanceville)	2,364
36.	Gold Kist Inc. Poultry (7200 Will Pond Rd., Trussville)	2,200
37.	EIF Atochem N.a. Inc. (U.s. Hwy. 43, Axis)	2,162
38.	3M (State Docks Rd., Decatur)	2,111
39.	Gold Bond Building Prods. (U.s. Hwy. 78 W. & Coldwater Rd., Anniston)	2,100
40.	SMI Steel (101 S. 50th St., Birmingham)	2,000
41.	Goodyear Tire & Rubber Co. (922 E. Meighan Blvd., Gadsden)	1,485
42.	Golden Poultry Co. (County Hwy. No. 44, Russellville)	1,400
43.	Refractory Sales & Service Co. Inc. (1750 Hwy. 150, Bessemer)	1,000
44.	Avondale Mills Inc. Sylacauga Complex (Alabama Ave., Sylacauga)	750
45.	Mellco Inc. (Hwy. 127 N., Athens)	750
46.	IMC Fertilizer Inc. (Corner Commerce & Union St., Florence)	750
47.	Occidental Chemical Corp. (1000 N. Wilson Dam Rd. Wilson Dam Rd., Muscle Shoals)	554
48.	Cahaba Pressure Treated Forest Products (Rte. 1 Hwy. 25, Brierfield)	505
49.	Cahaba Timber Co. (Rt. 1 Hwy. 25, Brierfield)	505
50.	Peerless Coatings Inc. (1611 22nd St. S.e., Cullman)	505

Discharges of Toxic Chemicals into Water in Alabama



Releases of Toxic Chemicals to the Environment in Alabama, 1992

Top 50 Facilities

Rank	Facility	Pounds
1.	Courtaulds Fibers Inc. (U.s. Hwy. 43 N. P.o. Box 141, Axis)	42,804,120
2.	Zeneca Inc. Cold Creek Facility (U.s. Hwy. 43 N. P.o. Box 32, Bucks)	6,374,192
3.	Scott Paper Co. (Bay Bridge Rd., Mobile)	3,832,855
4.	Birmingham Steel Corp. Birmingham Alabama Steel Div. (2301 F.I. Shuttlesworth Rd., Birmingh	3,532,546
5.	Monsanto Co. Chemical Group (Courtland Hwy. Hwy. 20, Decatur)	2,787,874
6.	3M Traffic Control Materials Div. (Hwy. 78 W., Guin)	2,466,850
7.	Amoco Chemical Co. (Finley Island Rd., Decatur)	2,292,934
8.	Mead Coated Board Inc. (Alabama Hwy. 165 S., Cottonton)	2,177,212
9.	U.Pulp & Newsprint (Alabama Rte. 235, Coosa Pines)	2,162,147
10.	International Paper Mobile Mill (Paper Mill Rd., Mobile)	2,133,420
11.	Gulf States Steel Inc. (174 S. 26th St., Gadsden)	1,731,215
12.	3M (State Docks Rd., Decatur)	1,693,005
13.	Container Corp. Of America (Hwy. 31 S., Brewton)	1,671,760
14.	ABC Rail Corp. Wheel Div. (14th St. & Woodbine Ave., Calera)	1,568,870
15.	Laroche Ind. Inc. (County Rd. 25 P.o. Box 250, Cherokee)	1,542,750
16.	Union Camp Corp. (100 Jensen Rd., Prattville)	1,519,409
17.	United States Pipe & Fndy. Co. Co. (3000 30th Ave. N., Birmingham)	1,428,260
18.	Ciba-Geigy Corp. McIntosh Plant (Geigy Rd. Off Hwy. #43, Mc Intosh)	1,380,396
19.	International Paper Hammermill Riverdale Mill (10130 River Rd. P.o. Box 1409, Selma)	1,243,482
20.	Pemco Aeroplex Inc. (1943 50th St. N., Birmingham)	1,145,000
21.	Macmillan Bloedel Inc. (Hwy. 10 E., Pine Hill)	1,111,688
22.	Sony Magnetic Prods. Inc. Of America (Hwy. 84 W., Dothan)	1,059,596
23.	Boise Cascade Corp. White Paper Div. (307 W. Industrial Rd., Jackson)	1,042,206
24.	Reynolds Metals Co. Alloys Plant (3509 E. 2nd St., Muscle Shoals)	949,975
25.	Gulf States Paper Corp. (Hwy. 80 W., Demopolis)	899,255
26.	Reynolds Metals Co. Sheffield Plant (501 W. 20th Ave., Sheffield)	832,200
27.	Alabama River Pulp Co. Inc. (Off Hwy. U.s. 84, Claiborne)	830,805
28.	United States Pipe & Foundry Co. (2023 St. Louis Ave., Bessemer)	793,850
29.	Madix Inc. (1537 S. Main St., Goodwater)	785,355
30.	Alabama Reclamation Plant Alabama Reclamation Plant (Ford Rd., Sheffield)	781,080
31.	UOP Molecular Sieve Plant (Linde Dr., Chickasaw)	772,355
32.	Champion International Corp. Courtland Mill (County Line Rd. 150 County Line Rd. 150, Courtla	759,901
33.	Allied-Signal Inc. Fairfield Tar Plant (1327 Erie St., Birmingham)	753,280
34.	Griffin Wheel Co. Bessemer Plant (2100 Griffin Wheel Dr., Bessemer)	740,560
35.	James River Corp. Naheola Mill (Hc66 Box 315, Pennington)	715,020
36.	Hoechst-Celanese Corp. (Hwy. 43 N. P.o. Box 64, Bucks)	690,915
37.	Midnight Boiler Works Inc. (5301 Hwy. 43 N. P.o. Box 489, Satsuma)	671,643
38.	Sloss Ind. Corp. Birmingham Facility (3500 35th Ave. N., Birmingham)	644,087
39.	GE Co. Plastics Burkville Operation (1 Plastics Dr., Burkville)	618,047
40.	Prattville Mfg. Inc. (101 Echlin Blvd., Prattville)	614,550
41.	GE Co. (2328 Eighth Street, S.e., Decatur)	571,515
42.	Steelcase Inc. (214 Durham Dr., Athens)	552,507
43.	USS Fairfield Works Fairfield Works (5700 Valley Rd. P.o. Box 599, Fairfield)	552,427
44.	American Cast Iron Pipe Co. (2930 N. 16th St., Birmingham)	513,024
45.	Phifer Wire Prods. Inc. (4400 Kauloosa Ave., Tuscaloosa)	467,154
46.	Witco Corp. Concarb Div. (1500 E. State Docks Rd. P.o. Box 1327, Phenix City)	452,855
47.	Louisiana-Pacific Corp. Eufaula Mdf Mill (White Oak Station Rd., Clayton)	442,991
48.	Ampex Recording Media Corp. (2230 Marvyn Pky. P.o. Box 190, Opelika)	420,560
49.	Emco Inc. (201 Industrial Pky., Gadsden)	384,817
50.	JVC Magnetix America Co. (#1 Jvc Rd., Tuscaloosa)	373,882

Toxic Chemicals Discharged to Sewage Treatment Plants in Alabama, 1992 Top 50 Facilities

Rank	Facility	Pounds
1.	Vanity Fair Mills Inc. Dye Plant 6 (624 S. Alabama Ave., Monroeville)	243,214
2.	Pemco Aeroplex Inc. (1943 50th St. N., Birmingham)	140,755
3.	Dorsey Trailers Inc. (1409 Hickman Ave., Elba)	103,709
4.	Tee Jays Mfg. Co. Inc. (4129 Helton Dr., Florence)	89,585
5.	Gold Kist Inc. Poultry (Gold Kist St., Boaz)	75,000
6.	Coyne Cylinder Co. (521 Green Cove Rd., Huntsville)	71,870
7.	Russell Corp. (Lee St. P.o. Box 272, Alexander City)	63,953
8.	Borden Packaging & Industrial Products (Lock & Dam Rd., Demopolis)	41,922
9.	Merichem Co. (Black Warrior) (2701 Warrior Rd. P.o. Box 40777, Tuscaloosa)	36,300
10.	GMC Saginaw Div. (U.s. Hwy. 31 S., Athens)	25,625
11.	Nichols Wire Inc. (1547 Helton Dr., Florence)	23,211
12.	Teledyne Wah Chang (7300 Hwy. 20 W., Huntsville)	20,005
13.	Gold Kist Inc. Poultry (3500 Lake Guntersville Park Dr., Guntersville)	19,000
14.	Scottsboro Rug Mill (2601 E. Willow Rd. P.o. Box 610, Scottsboro)	18,875
15.	Tee Jays Mfg. Co. Inc. (210 Rose Dr., Florence)	14,066
16.	Borden Inc. Refrigerated Products (604 N. Oates St., Dothan)	12,387
17.	Bush Hog Research & Development Center (Selfield Industrial Park 1233 Selfield Rd., Selma)	12,026
18.	Wehadkee Yarn Mills Dye Plant Div. (Adams St. & West St., Talladega)	11,992
19.	Ansell Inc. (1500 Industrial Rd., Dothan)	11,110
20.	Sony Magnetic Prods. Inc. Of America (Hwy. 84 W., Dothan)	10,076
21.	Hyster-Yale Materials Handling Inc. (Hwy. 278 E. Po Box 577, Sulligent)	10,000
22.	Coastal Mobile Refining Co. (200 Viaduct Rd., Chickasaw)	8,079
23.	Borden Inc. Dairy (601 Clinton Ave. W., Huntsville)	4,169
24.	Rudys Farm (700 S. Wood Ave., Florence)	3,750
25.	Huls America Inc. (Degussa Rd., Theodore)	3,625
26.	Ansell Inc. (110 Henderson Hwy., Troy)	3,550
27.	Armstrong World Industries Inc. (1251 Baker St. P.o. Box 2088, Mobile)	2,065
28.	Hager Hinge Co. Montgomery (150 Folmar Pky., Montgomery)	2,022
29.	Union Fndy. Co. (1501 W. 17th St., Anniston)	1,380
30.	Wolverine Tube Inc. (2100 Market St. N.e., Decatur)	1,005
31.	Westpoint Pepperell Griffitex Chemical (1900 Cunningham Dr., Opelika)	973
32.	Birmingham Coca-Cola Bottling Co. (4600 E. Lake Blvd., Birmingham)	750
33.	Structural Wood Sys. (321 Dohrimier St., Greenville)	750
34.	Quaker Supreme Chemical Corp. (433 Sadler St., Montgomery)	750
35.	Koppers Ind. Inc. (1451 Louisville St., Montgomery)	525
36.	Master Lock Co. Door Hardware Div. (300 Webster Rd., Auburn)	510
37.	Sanders Lead Co. Inc. (100 Sanders Rd. P.o. Drawer 707, Troy)	505
38.	Kinpak Inc. (2780 Gunter Park Dr. E., Montgomery)	505
39.	Southern Phenix Textiles Inc. (Broad St. Extension, Phenix City)	505
40.	Nucor Corp. Vulcraft Div. (Valley Head Hwy. N.#137 Po Box 169, Fort Payne)	500
41.	PM Ag Prods. Inc. Dba Vms (1080 Wilbanks St., Montgomery)	500
42.	Hager Hinge Co. (Hwy. 78 W., Oxford)	375
43.	Mead Ink Products (104 National Dr., Anniston)	330
44.	All-Lock Co. Inc. (4555 Water Ave. P.o. Box 1349, Selma)	304
45.	Novacor Chemicals Inc. (Hwy. 20 W. P.o. Box 5460, Decatur)	292
46.	Parker Hannifin Corp. Instrumentation Connectors Div (9400 S. Memorial Pky., Huntsville)	260
47.	Parker Hannifin Corp. Icd (301 Wagner Dr., Boaz)	260
48.	Ampex Recording Media Corp. (2230 Marvyn Pky. P.o. Box 190, Opelika)	260
49.	Gates Rubber Co. (Rt. 1 Box 94 909 Gates St. N.w., Red Bay)	255
50.	Copeland Corp. (Thompson Rd. & I-65, Hartselle)	255

Toxic Waste in Alabama, 1992 Top 50 Facilities *

Rank	Facility	Pounds	Num. of Chems.	Pct. with Prev.
1.	Zeneca Inc. Cold Creek Facility (U.s. Hwy. 43 N. P.o. Box 32, Bucks)	215,305,562	11	45
2.	Courtaulds Fibers Inc. (U.s. Hwy. 43 N. P.o. Box 141, Axis)	193,511,120	8	12
3.	Alabama River Pulp Co. Inc. (Off Hwy. U.s. 84, Claiborne)	74,919,705	11	18
4.	Systech Environmental Corp. (Arcola Rd., Demopolis)	60,355,832	9	0
5.	International Paper Mobile Mill (Paper Mill Rd., Mobile)	50,575,920	13	0
6.	Novacor Chemicals Inc. (Hwy. 20 W. P.o. Box 5460, Decatur)	43,320,363	2	50
7.	Wolverine Tube Inc. (2100 Market St. N.e., Decatur)	29,680,495	9	0
8.	Macmillan Bloedel Inc. (Hwy. 10 E., Pine Hill)	28,133,688	10	0
9.	Monsanto Co. Chemical Group (Courtland Hwy. Hwy. 20, Decatur)	28,034,477	17	0
10.	Ciba-Geigy Corp. Mcintosh Plant (Geigy Rd. Off Hwy. #43, Mc Intosh)	27,224,515	34	38
11.	Kerr-Mcgee Chemical Corp. (Rangeline Rd. P.o. Box 629, Theodore)	25,671,904	2	0
12.	Huls America Inc. (Degussa Rd., Theodore)	21,670,331	15	66
13.	Scott Paper Co. (Bay Bridge Rd., Mobile)	20,134,458	13	0
14.	Mead Coated Board Inc. (Alabama Hwy. 165 S., Cottonton)	19,033,237	11	0
15.	Sloss Ind. Corp. Birmingham Facility (3500 35th Ave. N., Birmingham)	18,994,356	18	5
16.	Degussa Corp. Alabama Group (Degussa Rd. Theodore Industrial Park, Theodore)	18,972,948	19	31
17.	International Paper Hammermill Riverdale Mill (10130 River Rd. P.o. Box 1409, S	16,206,742	13	7
18.	Champion International Corp. Courtland Mill (County Line Rd. 150 County Line Rd	16,189,501	13	15
19.	U.Pulp & Newsprint (Alabama Rte. 235, Coosa Pines)	16,176,056	12	16
20.	Container Corp. Of America (Hwy. 31 S., Brewton)	14,912,960	11	0
21.	Reynolds Metals Co. Alloys Plant (3509 E. 2nd St., Muscle Shoals)	14,725,371	17	100
22.	James River Corp. Naheola Mill (Hc66 Box 315, Pennington)	14,210,220	11	18
23.	Union Camp Corp. (100 Jensen Rd., Prattville)	12,978,399	8	0
24.	Boise Cascade Corp. White Paper Div. (307 W. Industrial Rd., Jackson)	12,949,224	12	16
25.	Du Pont Mobile Plant Mobile Plant (Hwy. 43 2 Miles N. Of Axis Axis, Axis)	11,445,002	19	0
26.	Sony Magnetic Prods. Inc. Of America (Hwy. 84 W., Dothan)	11,192,170	7	85
27.	Avondale Mills Inc. Sylacauga Complex (Alabama Ave., Sylacauga)	10,902,150	2	100
28.	3M (State Docks Rd., Decatur)	9,788,410	30	100
29.	JVC Magnetics America Co. (#1 Jvc Rd., Tuscaloosa)	8,303,639	2	100
30.	GE Co. Plastics Burkville Operation (1 Plastics Dr., Burkville)	8,096,993	10	50
31.	Amoco Chemical Co. (Finley Island Rd., Decatur)	7,074,567	16	31
32.	Gulf States Paper Corp. (Hwy. 80 W., Demopolis)	6,479,355	10	10
33.	Empire Coke Co. (3200 Main St. N.e., Tuscaloosa)	5,476,107	10	0
34.	USS Fairfield Works Fairfield Works (5700 Valley Rd. P.o. Box 599, Fairfield)	5,464,428	12	0
35.	National-Standard Co. (104 Industrial Pky., Columbiana)	5,053,128	7	0
36.	Ampex Recording Media Corp. (2230 Marvyn Pky. P.o. Box 190, Opelika)	4,536,350	3	0
37.	Olin Corp. (Olin Rd. P.o. Box 28, Mc Intosh)	4,418,908	7	0
38.	Teledyne Wah Chang (7300 Hwy. 20 W., Huntsville)	3,944,872	5	0
39.	3M Traffic Control Materials Div. (Hwy. 78 W., Guin)	3,627,150	12	0
40.	Gulf States Steel Inc. (174 S. 26th St., Gadsden)	3,569,210	28	0
41.	Birmingham Steel Corp. Birmingham Alabama Steel Div. (2301 F.I. Shuttlesworth	3,532,546	5	0
42.	Laroché Ind. Inc. (County Rd. 25 P.o. Box 250, Cherokee)	3,344,750	7	57
43.	Cullman Products Corp. (1909 Beech Ave., Cullman)	2,833,302	5	20
44.	SMI Steel (101 S. 50th St., Birmingham)	2,383,675	5	0
45.	GMC Saginaw Div. (U.s. Hwy. 31 S., Athens)	2,347,671	16	0
46.	Reynolds Metals Co. Sheffield Plant (501 W. 20th Ave., Sheffield)	2,159,282	12	100
47.	Metalplate Galvanizing Inc. (1120 39th St. N., Birmingham)	1,761,155	3	100
48.	Pemco Aeroplex Inc. (1943 50th St. N., Birmingham)	1,644,255	7	42
49.	ABC Rail Corp. Wheel Div. (14th St. & Woodbine Ave., Calera)	1,568,870	4	0
50.	Metalplate Galvanizing Inc. (757 44th St. N., Birmingham)	1,437,250	2	100

Note: This table shows the number of chemicals the top 50 waste-generators reported and the percentage of chemicals for which they reported taking measures to prevent pollution.

Toxic Chemical Waste by County in Alabama, 1992

Top 3 Facilities

	<u>Total Waste (lbs)</u>
Autauga Co.	13,595,149
Union Camp Corp. (Prattville)	12,978,399
Prattville Mfg. Inc. (Prattville)	614,800
Continental Eagle Corp. (Prattville)	1,950
Baldwin Co.	433,832
Standard Furniture Mfg. Co. Inc. (Bay Minette)	315,320
Rohr Inc. Foley Facility (Foley)	58,364
Safety Coatings Inc. (Foley)	33,505
Barbour Co.	514,182
Louisiana-Pacific Corp. Eufaula Mdf Mill (Clayton)	444,985
American Buildings Co. (Eufaula)	40,600
Hughes Missile Electronics Inc. (Eufaula)	27,500
Bibb Co.	103,330
Cahaba Pressure Treated Forest Products (Brierfield)	101,437
Freeman Lumber Co. Inc. (Centreville)	1,337
Cahaba Timber Co. (Brierfield)	535
Blount Co.	46,334
Tyson Foods Inc. (Blountsville)	27,150
Birmingham Wood Inc. (Warrior)	18,934
Austin Powder Co. (Blountsville)	250
Bullock Co.	28,135
Continental Grain Wayne Farms (Union Springs)	28,135
Butler Co.	33,757
Union Camp Corp. (Chapman)	33,007
Structural Wood Sys. (Greenville)	750
Calhoun Co.	1,633,130
Thomas & Betts Anchor Metals Steel Structures Group (Anniston)	393,990
Blue Mountain Industries (Blue Mountain)	343,766
Union Frndy. Co. (Anniston)	170,656
Chambers Co.	118,092
Knauf Fiber Glass (Lanett)	93,306
Westpoint Pepperell Lanett Mill (Lanett)	11,843
West Point Pepperell Lanier Carter Mills (Valley)	10,141
Cherokee Co.	1,252
Chi-Vit Corp. (Leesburg)	1,252
Choctaw Co.	14,210,701
James River Corp. Naheola Mill (Pennington)	14,210,220
Hunt Refining Co. (Melvin)	481
Clarke Co.	12,949,224
Boise Cascade Corp. White Paper Div. (Jackson)	12,949,224
Clay Co.	439,716
Wellborn Cabinet Inc. (Ashland)	392,898

Toxic Chemical Waste by County in Alabama, 1992 Top 3 Facilities

	<u>Total Waste (lbs)</u>
Tru-Wood Cabinets Inc. (Ashland)	46,818
Cleburne Co.	16,950
Tyson Foods Inc. (Heflin)	16,950
Coffee Co.	700,735
Conagra Broiler Co. (Enterprise)	378,605
Dorsey Trailers Inc. (Elba)	208,319
Dura-Cast Inc. (Enterprise)	57,246
Colbert Co.	22,186,796
Reynolds Metals Co. Alloys Plant (Muscle Shoals)	14,725,371
Laroche Ind. Inc. (Cherokee)	3,344,750
Reynolds Metals Co. Sheffield Plant (Sheffield)	2,159,282
Conecuh Co.	131,706
Knud Nielson Co. Inc. (Evergreen)	131,700
Farmers Favorite Fertilizer (Evergreen)	5
Coosa Co.	1,181,116
Madix Inc. (Goodwater)	1,181,115
Covington Co.	982,032
Neste Resins Corp. (River Falls)	859,498
Shaw Ind. Inc. Plant 65 (Andalusia)	75,053
Shorewood Packaging Corp. Alabama (Andalusia)	47,481
Cullman Co.	4,278,761
Cullman Products Corp. (Cullman)	2,833,302
Alabama Feed Products Inc. (Hanceville)	457,352
Daubert Coated Prods. Inc. (Cullman)	384,341
Dale Co.	563,196
VMC Fiberglass Prods. Inc. (Daleville)	158,258
Michelin Tire Corp. (Dothan)	144,099
VMC Fiberglass Prods. Inc. (Daleville)	117,520
Dallas Co.	16,877,962
International Paper Hammermill Riverdale Mill (Selma)	16,206,742
Bush Hog Research & Development Center (Selma)	206,730
Bush Hog Corp. (Selma)	202,395
De Kalb Co.	302,350
Westinghouse Electric Corp. Electrical Components Plant (Fort Payne)	121,000
Nucor Corp. Vulcraft Div. (Fort Payne)	96,650
Varco-Pruden Buildings (Rainsville)	84,700
Elmore Co.	19,160
McP Inc. (Elmore)	17,620
Neptune Water Meter Co. (Tallassee)	1,530
Escambia Co.	14,955,944
Container Corp. Of America (Brewton)	14,912,960
Huxford Pole & Timber Co. Inc. (Huxford)	29,546
T. R. Miller Co. Inc. (Brewton)	6,021

Toxic Chemical Waste by County in Alabama, 1992

Top 3 Facilities

	<u>Total Waste (lbs)</u>
Etowah Co.	4,677,552
Gulf States Steel Inc. (Gadsden)	3,569,210
Emco Inc. (Gadsden)	498,789
Owens Plating Co. (Rainbow City)	255,015
Fayette Co.	155,771
Fayette Glove Co. Inc. Div. Of Tillotson Corp. (Fayette)	80,000
American Olean Tile Co. (Fayette)	72,897
Arvin N.a. Automotive Automotive (Fayette)	2,874
Franklin Co.	254,945
Golden Poultry Co. (Russellville)	137,650
Celotex Corp. (Russellville)	63,945
Clark Pulley Ind. (Russellville)	35,525
Geneva Co.	213,795
Reliable Prods. Inc. Hart & Cooley Inc. (Geneva)	213,795
Henry Co.	8,491
Cutler Egg Products Inc. (Abbeville)	5,400
Great Southern Wood Preserving Inc. (Abbeville)	3,091
Columbia Yeast Inc. (Headland)	0
Houston Co.	11,698,767
Sony Magnetic Prods. Inc. Of America (Dothan)	11,192,170
Ansell Inc. (Dothan)	326,310
Lilly Indl. Coatings Inc. (Dothan)	54,950
Jackson Co.	2,260,890
Mead Containerboard (Stevenson)	1,308,080
Lozier Corp. (Scottsboro)	389,412
Norandal Usa Inc. Scottsboro Div. (Scottsboro)	295,460
Jefferson Co.	45,628,534
Sloss Ind. Corp. Birmingham Facility (Birmingham)	18,994,356
USS Fairfield Works Fairfield Works (Fairfield)	5,464,428
Birmingham Steel Corp. Birmingham Alabama Steel Div. (Birmingham)	3,532,546
Lamar Co.	91,337
Marathon Equipment Co. (Delaware) (Vernon)	70,000
Hyster-Yale Materials Handling Inc. (Sulligent)	20,000
Brown Wood Preserving Co. Inc. (Kennedy)	1,317
Lauderdale Co.	1,003,998
Triangle Wire & Cable Inc. (Florence)	403,068
Gerrard & Co. Steel Div. (Florence)	234,750
Tee Jays Mfg. Co. Inc. (Florence)	89,585
Lawrence Co.	16,189,501
Champion International Corp. Courtland Mill (Courtland)	16,189,501
Lee Co.	4,979,360
Ampex Recording Media Corp. (Opelika)	4,536,350
Master Lock Co. Door Hardware Div. (Auburn)	197,222

Toxic Chemical Waste by County in Alabama, 1992 Top 3 Facilities

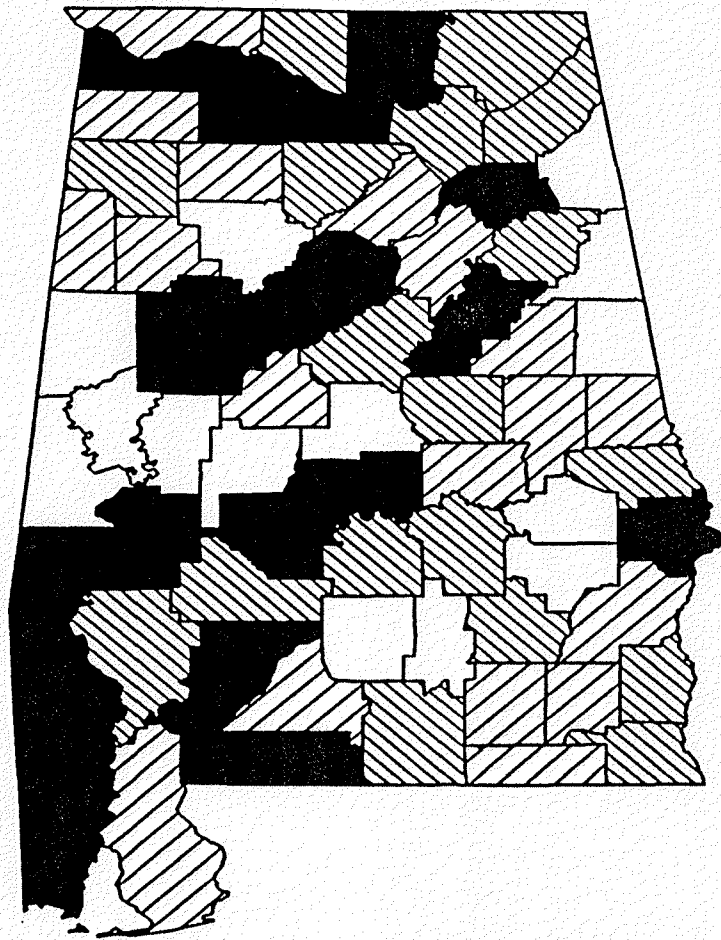
	<u>Total Waste (lbs)</u>
Opelika Frndy. Co. (Opelika)	84,059
Limestone Co.	3,985,859
GMC Saginaw Div. (Athens)	2,347,671
Steelcase Inc. (Athens)	1,032,397
Alabama Fine Wire (Elkmont)	486,837
Lowndes Co.	8,096,993
GE Co. Plastics Burkville Operation (Burkville)	8,096,993
Sylvest Farms Inc. (Hope Hull)	0
Madison Co.	9,716,747
Teledyne Wah Chang (Huntsville)	3,944,872
National Copper & Smelting Co. (Huntsville)	1,197,530
Aerovox Aero M. Inc. (Huntsville)	1,181,155
Marengo Co.	67,060,618
Systech Environmental Corp. (Demopolis)	60,355,832
Gulf States Paper Corp. (Demopolis)	6,479,355
Borden Packaging & Industrial Products (Demopolis)	225,423
Marion Co.	3,960,881
3M Traffic Control Materials Div. (Guin)	3,627,150
Speedrack Prods. Group Ltd. (Hamilton)	206,900
Ntn-Bower Corp. (Hamilton)	91,294
Marshall Co.	1,718,216
Parker Hannifin Corp. lcd (Boaz)	551,475
Dana Corp. Arab Hydraulics Plant (Arab)	431,489
Regency Supply Co. Inc. (Boaz)	193,000
Mobile Co.	566,336,868
Zeneca Inc. Cold Creek Facility (Bucks)	215,305,562
Courtaulds Fibers Inc. (Axis)	193,511,120
International Paper Mobile Mill (Mobile)	50,575,920
Monroe Co.	75,391,203
Alabama River Pulp Co. Inc. (Claiborne)	74,919,705
Vanity Fair Mills Inc. Dye Plant 6 (Monroeville)	354,110
Frisco Mfg. Co. Inc. (Frisco City)	53,772
Montgomery Co.	924,509
Thermal Components Inc. (Montgomery)	364,280
Hager Hinge Co. Montgomery (Montgomery)	187,992
Rheem Mfg. Co. (Montgomery)	143,750
Morgan Co.	120,366,166
Novacor Chemicals Inc. (Decatur)	43,320,363
Wolverine Tube Inc. (Decatur)	29,680,495
Monsanto Co. Chemical Group (Decatur)	28,034,477
Pickens Co.	627
McShan Lumber Co. Inc. (Mc Shan)	627

Toxic Chemical Waste by County in Alabama, 1992

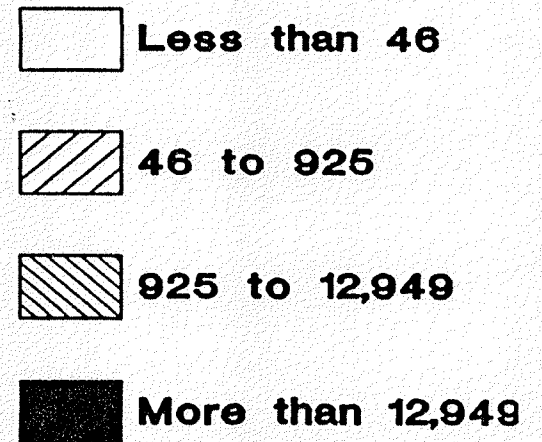
Top 3 Facilities

	<u>Total Waste (lbs)</u>
Pike Co.	1,774,073
Sanders Lead Co. Inc. (Troy)	1,388,305
Ansell Inc. (Troy)	339,050
Hudson Ind. Inc. (Troy)	27,750
Russell Co.	19,773,758
Mead Coated Board Inc. (Cottonton)	19,033,237
Witco Corp. Concarb Div. (Phenix City)	452,855
Partek Insulation Inc. (Phenix City)	224,000
Shelby Co.	7,519,153
National-Standard Co. (Columbiana)	5,053,128
ABC Rail Corp. Wheel Div. (Calera)	1,568,870
Metrock Steel & Wire Co. Inc. (Montevallo)	431,750
St Clair Co.	205,795
Culp Smelting & Refining Co. (Steele)	169,318
BM & Co. Pell City (Pell City)	15,737
WYN South Molded Prods. Inc. (Leeds)	13,800
Talladega Co.	27,164,384
U.Pulp & Newsprint (Coosa Pines)	16,176,056
Avondale Mills Inc. Sylacauga Complex (Sylacauga)	10,902,150
Flav-O-rich Inc. (Sylacauga)	34,090
Tallapoosa Co.	366,769
Russell Corp. (Alexander City)	318,699
Robinson Fndy. Inc. (Alexander City)	48,070
Tuscaloosa Co.	15,179,152
JVC Magnetics America Co. (Tuscaloosa)	8,303,639
Empire Coke Co. (Tuscaloosa)	5,476,107
Phifer Wire Prods. Inc. (Tuscaloosa)	722,701
Walker Co.	2,674
Gold Kist Inc. Feed Mill (Jasper)	1,010
Southeast Wood Treating Inc. (Nauvoo)	851
Nelson Brothers Inc. Parrish Plant (Parrish)	750
Washington Co.	31,644,433
Ciba-Geigy Corp. McIntosh Plant (Mc Intosh)	27,224,515
Olin Corp. (Mc Intosh)	4,418,908
Rockland React-Rite Inc. (Chatom)	1,010
Wilcox Co.	28,133,688
Macmillan Bloedel Inc. (Pine Hill)	28,133,688
Winston Co.	566,114
Quality Dinettes Inc. (Arley)	358,236
Quality Dinettes Inc. Haleyville Facility (Haleyville)	204,774
Free State Lumber Co. Inc. (Haleyville)	1,987

Toxic Waste in Alabama



Pounds (1,000)



Carcinogenic Toxic Waste in Alabama, 1992 Top 50 Facilities

Rank	Facility	Pounds
1.	Novacor Chemicals Inc. (Hwy. 20 W. P.o. Box 5460, Decatur)	43,319,863
2.	Monsanto Co. Chemical Group (Courtland Hwy. Hwy. 20, Decatur)	18,359,374
3.	Amoco Chemical Co. (Finley Island Rd., Decatur)	3,793,119
4.	Du Pont Mobile Plant Mobile Plant (Hwy. 43 2 Miles N. Of Axis Axis, Axis)	1,927,869
5.	Systech Environmental Corp. (Arcola Rd., Demopolis)	1,106,568
6.	Pemco Aeroplex Inc. (1943 50th St. N., Birmingham)	1,073,005
7.	Wolverine Tube Inc. (2100 Market St. N.e., Decatur)	996,335
8.	Zeneca Inc. Cold Creek Facility (U.s. Hwy. 43 N. P.o. Box 32, Bucks)	919,221
9.	Degussa Corp. Alabama Group (Degussa Rd. Theodore Industrial Park, Theodore)	881,128
10.	Empire Coke Co. (3200 Main St. N.e., Tuscaloosa)	742,694
11.	Ciba-Geigy Corp. McIntosh Plant (Geigy Rd. Off Hwy. #43, Mc Intosh)	740,041
12.	Scott Paper Co. (Bay Bridge Rd., Mobile)	694,800
13.	Mitternight Boiler Works Inc. (5301 Hwy. 43 N. P.o. Box 489, Satsuma)	572,939
14.	International Paper Hammermill Riverdale Mill (10130 River Rd. P.o. Box 1409, Selma)	550,028
15.	GE Co. Plastics Burkville Operation (1 Plastics Dr., Burkville)	546,240
16.	Louisiana-Pacific Corp. Eufaula Mdf Mill (White Oak Station Rd., Clayton)	444,985
17.	Dana Corp. Arab Hydraulics Plant (218 Arad Thompson Rd. N.e. P.o. Box C, Arab)	428,823
18.	Parker Hannifin Corp. Icd (301 Wagner Dr., Boaz)	419,565
19.	Emco Inc. (201 Industrial Pky., Gadsden)	359,861
20.	Boise Cascade Corp. White Paper Div. (307 W. Industrial Rd., Jackson)	344,800
21.	Thermal Components Inc. (2760 Gunter Park Dr. W., Montgomery)	286,010
22.	EIF Atochem N.a. Inc. (U.s. Hwy. 43, Axis)	267,905
23.	Occidental Chemical Corp. (1000 N. Wilson Dam Rd. Wilson Dam Rd., Muscle Shoals)	205,947
24.	3M (State Docks Rd., Decatur)	200,899
25.	Parker Hannifin Corp. Instrumentation Connectors Div (9400 S. Memorial Pky., Huntsville)	185,685
26.	Hager Hinge Co. Montgomery (150 Folmar Pky., Montgomery)	176,687
27.	U.Pulp & Newsprint (Alabama Rte. 235, Coosa Pines)	160,411
28.	VMC Fiberglass Prods. Inc. (3 Barnes St., Daleville)	145,787
29.	Phifer Wire Prods. Inc. (4400 Kauloosa Ave., Tuscaloosa)	113,920
30.	Viskase Corp. (3402 Stanwood Blvd. N.e., Huntsville)	113,200
31.	Snyder General Corp. (Hwy. 35 North, Scottsboro)	113,142
32.	ABC Rail Corp. Wheel Div. (14th St. & Woodbine Ave., Calera)	112,533
33.	Sterling Plumbing Group Inc. (176 Cochran Rd., Huntsville)	108,252
34.	Master Lock Co. Door Hardware Div. (300 Webster Rd., Auburn)	106,927
35.	VMC Fiberglass Prods. Inc. (Hwy. 84, Daleville)	105,820
36.	Avanti Polar Lipids Inc. (700 Industrial Park Dr., Alabaster)	105,361
37.	Seaman Timber Co. (Hwy. 25 S., Wilton)	105,233
38.	Cahaba Pressure Treated Forest Products (Rte. 1 Hwy. 25, Brierfield)	100,917
39.	Container Corp. Of America (Hwy. 31 S., Brewton)	85,400
40.	Neste Resins Corp. (Hwy. 84 E., River Falls)	84,754
41.	Gulf States Paper Corp. (Hwy. 80 W., Demopolis)	81,400
42.	Koppers Ind. Inc. (1451 Louisville St., Montgomery)	80,493
43.	GMC Saginaw Div. (U.s. Hwy. 31 S., Athens)	79,213
44.	Dorsey Trailers Inc. (1409 Hickman Ave., Elba)	76,016
45.	Champion International Corp. Courtland Mill (County Line Rd. 150 County Line Rd. 150, Courtla	71,226
46.	Alabama River Pulp Co. Inc. (Off Hwy. U.s. 84, Claiborne)	67,900
47.	Borden Packaging & Industrial Products (Lock & Dam Rd., Demopolis)	66,287
48.	Celotex Corp. (Walnut Gate Rd. Franklin County Rd. 42, Russellville)	63,945
49.	LI&e Petroleum Marketing Inc. Mobile Refinery (400 Industrial Pky. Hwy. 158 E., Saraland)	60,511
50.	American Alloy Prods. Inc. (1725 Orphans Home Rd. N.e., Cullman)	59,926

Birth-Defect Causing Toxic Waste in Alabama, 1992

Top 50 Facilities

Rank	Facility	Pounds
1.	Courtaulds Fibers Inc. (U.s. Hwy. 43 N. P.o. Box 141, Axis)	47,098,000
2.	Systech Environmental Corp. (Arcola Rd., Demopolis)	43,862,487
3.	Novacor Chemicals Inc. (Hwy. 20 W. P.o. Box 5460, Decatur)	43,319,863
4.	Wolverine Tube Inc. (2100 Market St. N.e., Decatur)	29,543,845
5.	Monsanto Co. Chemical Group (Courtland Hwy. Hwy. 20, Decatur)	18,335,850
6.	Sony Magnetic Prods. Inc. Of America (Hwy. 84 W., Dothan)	11,181,847
7.	Reynolds Metals Co. Alloys Plant (3509 E. 2nd St., Muscle Shoals)	9,891,629
8.	Sloss Ind. Corp. Birmingham Facility (3500 35th Ave. N., Birmingham)	8,425,953
9.	JVC Magnetics America Co. (#1 Jvc Rd., Tuscaloosa)	8,303,639
10.	Huls America Inc. (Degussa Rd., Theodore)	5,945,245
11.	Amoco Chemical Co. (Finley Island Rd., Decatur)	5,653,574
12.	Ampex Recording Media Corp. (2230 Marvyn Pky. P.o. Box 190, Opelika)	4,534,015
13.	Ciba-Geigy Corp. McIntosh Plant (Geigy Rd. Off Hwy. #43, Mc Intosh)	4,097,108
14.	Du Pont Mobile Plant Mobile Plant (Hwy. 43 2 Miles N. Of Axis Axis, Axis)	3,130,427
15.	3M Traffic Control Materials Div. (Hwy. 78 W., Guin)	2,234,622
16.	3M (State Docks Rd., Decatur)	1,651,356
17.	Alabama River Pulp Co. Inc. (Off Hwy. U.s. 84, Claiborne)	1,406,705
18.	Zeneca Inc. Cold Creek Facility (U.s. Hwy. 43 N. P.o. Box 32, Bucks)	1,396,720
19.	National Copper & Smelting Co. (3333 Stanwood Blvd., Huntsville)	1,197,530
20.	Reynolds Metals Co. Sheffield Plant (501 W. 20th Ave., Sheffield)	1,175,391
21.	Empire Coke Co. (3200 Main St. N.e., Tuscaloosa)	1,128,404
22.	Scott Paper Co. (Bay Bridge Rd., Mobile)	1,076,505
23.	Boise Cascade Corp. White Paper Div. (307 W. Industrial Rd., Jackson)	1,025,950
24.	Steelcase Inc. (214 Durham Dr., Athens)	907,406
25.	International Paper Hammermill Riverdale Mill (10130 River Rd. P.o. Box 1409, Selma)	870,340
26.	Sanders Lead Co. Inc. (100 Sanders Rd. P.o. Drawer 707, Troy)	862,285
27.	International Paper Mobile Mill (Paper Mill Rd., Mobile)	771,315
28.	Morton Intl. Inc. (Ipsco St. Decatur Industrial Park, Decatur)	767,700
29.	Degussa Corp. Alabama Group (Degussa Rd. Theodore Industrial Park, Theodore)	653,711
30.	Madix Inc. (1537 S. Main St., Goodwater)	640,460
31.	Mobile Paint Mfg. Co. Inc. Inc. (4775 Hamilton Blvd., Mobile)	627,698
32.	U.Pulp & Newsprint (Alabama Rte. 235, Coosa Pines)	621,074
33.	Dexter Corp. Packaging Products Div. (90 Carson Rd., Birmingham)	578,150
34.	Parker Hannifin Corp. Instrumentation Connectors Div (9400 S. Memorial Pky., Huntsville)	494,735
35.	Alabama Fine Wire (Rr 2 Hwy. 127 Box 89a, Elkmont)	486,837
36.	Champion International Corp. Courtland Mill (County Line Rd. 150 County Line Rd. 150, Courtla	462,561
37.	Louisiana-Pacific Corp. Eufaula Mdf Mill (White Oak Station Rd., Clayton)	444,985
38.	Triangle Wire & Cable Inc. (4251 Helton Dr., Florence)	397,325
39.	Mitternight Boiler Works Inc. (5301 Hwy. 43 N. P.o. Box 489, Satsuma)	396,636
40.	Emco Inc. (201 Industrial Pky., Gadsden)	388,387
41.	Daubert Coated Prods. Inc. (1828 Burgundy Ln. N.w., Cullman)	382,800
42.	Witco Corp. Concarb Div. (1500 E. State Docks Rd. P.o. Box 1327, Phenix City)	373,918
43.	Lozier Corp. (401 Taylor St., Scottsboro)	370,806
44.	National-Standard Co. (104 Industrial Pky., Columbiana)	368,868
45.	Thermal Components Inc. (2760 Gunter Park Dr. W., Montgomery)	364,280
46.	GE Co. Plastics Burkville Operation (1 Plastics Dr., Burkville)	348,987
47.	Pemco Aeroplex Inc. (1943 50th St. N., Birmingham)	326,250
48.	James River Corp. Naheola Mill (Hc66 Box 315, Pennington)	325,405
49.	GMC Saginaw Div. (U.s. Hwy. 31 S., Athens)	305,851
50.	American Cast Iron Pipe Co. (2930 N. 16th St., Birmingham)	305,429

Toxic Waste in Alabama, 1992
Top 50 Zip Codes

Rank	Zip Code (City, County)	Pounds
1.	36512 (Bucks, Mobile Co.)	216,633,634
2.	36505 (Axis, Mobile Co.)	206,504,480
3.	35601 (Decatur, Morgan Co.)	82,058,404
4.	36470 (Claiborne, Monroe Co.)	74,919,705
5.	36610 (Mobile, Mobile Co.)	70,790,233
6.	36732 (Demopolis, Marengo Co.)	67,060,618
7.	36590 (Theodore, Mobile Co.)	44,705,352
8.	35609 (Decatur, Morgan Co.)	37,822,887
9.	36553 (Mc Intosh, Washington Co.)	31,643,423
10.	36769 (Pine Hill, Wilcox Co.)	28,133,688
11.	36582 (Theodore, Mobile Co.)	22,679,360
12.	35207 (Birmingham, Jefferson Co.)	21,113,229
13.	36868 (Cottonton, Russell Co.)	19,046,097
14.	36701 (Selma, Dallas Co.)	16,468,827
15.	35618 (Courtland, Lawrence Co.)	16,189,501
16.	35044 (Coosa Pines, Talladega Co.)	16,176,056
17.	35661 (Muscle Shoals, Colbert Co.)	15,457,439
18.	36426 (Brewton, Escambia Co.)	14,918,077
19.	36916 (Pennington, Choctaw Co.)	14,210,220
20.	36067 (Prattville, Autauga Co.)	13,595,149
21.	36545 (Jackson, Clarke Co.)	12,949,224
22.	36301 (Dothan, Houston Co.)	11,238,035
23.	35150 (Sylacauga, Talladega Co.)	10,944,755
24.	35405 (Tuscaloosa, Tuscaloosa Co.)	8,303,639
25.	36752 (Burkville, Lowndes Co.)	8,096,993
26.	35064 (Fairfield, Jefferson Co.)	6,450,641
27.	35212 (Birmingham, Jefferson Co.)	5,576,622
28.	35404 (Tuscaloosa, Tuscaloosa Co.)	5,512,806
29.	35051 (Columbiana, Shelby Co.)	5,053,128
30.	36803 (Opelika, Lee Co.)	4,630,743
31.	35234 (Birmingham, Jefferson Co.)	4,386,431
32.	35806 (Huntsville, Madison Co.)	4,210,464
33.	35055 (Cullman, Cullman Co.)	3,776,991
34.	35563 (Guin, Marion Co.)	3,627,150
35.	35904 (Gadsden, Etowah Co.)	3,571,074
36.	35611 (Athens, Limestone Co.)	3,499,022
37.	35616 (Cherokee, Colbert Co.)	3,373,590
38.	35660 (Sheffield, Colbert Co.)	3,353,899
39.	36081 (Troy, Pike Co.)	1,774,073
40.	35201 (Birmingham, Jefferson Co.)	1,761,155
41.	35040 (Calera, Shelby Co.)	1,568,870
42.	35215 (Birmingham, Jefferson Co.)	1,462,670
43.	36201 (Anniston, Calhoun Co.)	1,462,522
44.	35772 (Stevenson, Jackson Co.)	1,308,080
45.	35811 (Huntsville, Madison Co.)	1,281,898
46.	35801 (Huntsville, Madison Co.)	1,192,500
47.	35072 (Goodwater, Coosa Co.)	1,181,115
48.	35224 (Birmingham, Jefferson Co.)	1,131,192
49.	35023 (Bessemer, Jefferson Co.)	1,074,502
50.	35803 (Huntsville, Madison Co.)	984,580