

Appendix K-4

2001 RPPR Annual Report

Summary of the

Toxic Catastrophe Prevention Act (TCPA)

Extraordinarily Hazardous Substance (EHS) Data

Statewide Materials Accounting Summary for 2001 - TCPA EHSs

	2001
Number of Facilities	150
Number of Forms	261
Starting Inventory	33,990,729
Starting Inventory as NPO	123,937
Manufactured	512,934,853
Brought on Site	1,083,354,663
Brought on Site as Recycled	65,518
Consumed	1,203,340,517
Shipped in/or as Product	301,320,607
Ending Inventory	35,692,709
Ending Inventory as NPO	85,155
Nonproduct Output	102,201,826
On-Site Releases	8,268,658
Stack Air Emissions	7,698,522
Fugitive Air Emissions	395,577
Surface Water Discharge	174,492
Ground Water Discharge	0
Land Disposal on-site	67
On-Site Management	92,902,231
Recycled & Reused on-site	455,721
Energy Recovered on-site	2,080,298
Destroyed on-site	90,404,994
EI(as NPO) - SI(as NPO)	-38,782
Off-Site Transfers	1,030,937
POTW Discharge	276,762
Waste Transfer - Energy Recovery	39,012
Waste Transfer - Recycling	30,309
Waste Transfer - Treatment	598,829
Waste Transfer - Disposal	85,785
Waste Transfer - Other	240
Total Substance Use or Throughput	1,606,862,950

Number of Facilities and Reports for 2001 - TCPA EHSs

COUNTY	# of Facilities	# of Reports
BERGEN	14	19
BURLINGTON	8	14
CAMDEN	4	5
CAPE MAY	1	3
CUMBERLAND	2	2
ESSEX	16	19
GLOUCESTER	17	44
HUDSON	5	10
HUNTERDON	3	6
MERCER	3	5
MIDDLESEX	24	42
MONMOUTH	2	3
MORRIS	4	4
OCEAN	1	1
PASSAIC	8	9
SALEM	11	31
SOMERSET	6	8
UNION	15	24
WARREN	6	12

Throughput Data Summary by County for 2001 - TCPA EHSs

County	# of Facilities	INPUTS			OUTPUTS					Use
		Starting Inventory	Manufactured	Brought on Site	Recycled & Reused on-site	Consumed	Shipped in/or as Product	Ending Inventory	Nonproduct Output	
BERGEN	14	785,445	81,373	13,364,719	0	10,513,571	2,643,470	819,804	298,647.00	13,455,688
BURLINGTON	8	1,785,552	83,102	65,879,008	84,000	65,070,568	89,678	1,938,738	837,007.00	65,997,253
CAMDEN	4	19,346	1,121,491	859,864	0	839,815	0	20,199	1,140,686.00	1,980,501
CAPE MAY	1	0	1,458,352	0	0	757,950	0	0	700,401.00	1,458,351
CUMBERLAND	2	18,500	43,240	180,000	0	0	0	17,500	224,240.00	224,240
ESSEX	16	440,952	2,942,544	15,257,051	29,609	14,457,001	780,130	328,491	3,046,494.00	18,283,625
GLOUCESTER	17	3,850,709	147,234,861	86,527,553	0	152,799,240	66,827,687	3,930,919	14,087,400.00	233,714,327
HUDSON	5	676,817	10,953,117	73,251,304	0	60,408,106	13,888,990	665,855	9,921,122.45	84,218,218
HUNTERDON	3	74,356	745	797,307	0	498,055	214,545	42,372	107,935.00	820,535
MERCER	3	13,501	12,546,730	122,328	444	10,383,254	31,008	12,910	2,239,155.00	12,653,417
MIDDLESEX	24	3,368,702	84,567,822	133,924,615	341,125	128,560,473	78,473,886	2,610,326	13,437,081.00	220,471,440
MONMOUTH	2	133,091	1,384	138,784	0	163,650	0	99,380	10,229.00	173,879
MORRIS	4	45,690	11,642	5,036,688	0	2,994,248	1,986,537	31,572	85,873.00	5,066,658
OCEAN	1	750	0	182,250	0	171,250	0	11,000	670,760.00	842,010
PASSAIC	8	36,521	20,235	1,123,372	0	483,788	488,151	32,452	170,286.00	1,142,225
SALEM	11	14,257,743	109,695,158	568,973,960	0	562,097,892	79,478,275	13,904,226	36,916,818.00	678,492,985
SOMERSET	6	2,726,417	100,540	30,076,960	0	24,638,234	841,231	6,934,693	497,857.00	25,977,322
UNION	15	1,360,447	142,054,056	2,779,910	543	90,929,425	49,342,935	1,024,600	16,666,067.00	156,938,427
WARREN	6	4,396,190	18,461	84,878,990	0	77,573,997	6,234,084	3,267,672	1,143,768.00	84,951,849
Sum:	150	33,990,729	512,934,853	1,083,354,663	455,721	1,203,340,517	301,320,607	35,692,709	102,201,826.45	1,606,862,950

County Releases & Transfers for 2001 - TCPA EHSS

County	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal on-site	On-Site Releases	POTW Discharge	Waste Transfer - Recycling	Waste Transfer - Energy Recovery	Waste Transfer - Treatment	Waste Transfer - Disposal	Waste Transfer - Other	Off-Site Transfers
BERGEN	61,784	1,807	0	0	0	63,591	626	0	1,143	136	1,888	0	3,793
BURLINGTON	64,266	3,742	1,502	0	0	69,510	1,752	0	0	2,338	3,041	240	7,371
CAMDEN	281,992	6,245	0	0	0	288,237	0	0	117	0	674	0	791
CAPE MAY	358,424	0	8	0	0	358,432	0	0	0	0	0	0	0
CUMBERLAND	43,369	85	0	0	0	43,454	0	0	0	0	0	0	0
ESSEX	36,136	10,527	0	0	0	46,663	85,755	0	19	179	1,645	0	87,598
GLOUCESTER	268,110	61,476	36,755	0	0	366,341	5	0	3,037	488,602	14,799	0	506,443
HUDSON	3,193,512	7,683	1,794	0	0	3,202,989	12,691	0	0	54	0	0	12,745
HUNTERDON	6,385	8,869	0	0	0	15,254	745	0	0	0	0	0	745
MERCER	2,236,639	200	32	0	0	2,236,871	0	0	0	0	1,957	0	1,957
MIDDLESEX	85,966	40,696	1,902	0	0	128,564	95,860	14,768	24	10,939	54,973	0	176,564
MONMOUTH	1,384	7,359	0	0	0	8,743	0	0	0	0	1,486	0	1,486
MORRIS	2,041	52	0	0	0	2,093	0	0	0	0	2,575	0	2,575
OCEAN	6,750	10	0	0	0	6,760	0	0	0	0	0	0	0
PASSAIC	667	2,596	0	0	0	3,263	49,898	0	0	4,999	144	0	55,041
SALEM	700,228	159,083	125,638	0	67	985,016	3	0	0	1,437	1,317	0	2,757
SOMERSET	24,350	13,320	0	0	0	37,670	12,167	1,625	5,305	552	268	0	19,917
UNION	304,566	52,768	210	0	0	357,544	17,260	9,926	29,367	71,109	88	0	127,750
WARREN	21,953	19,059	6,651	0	0	47,663	0	3,990	0	18,484	930	0	23,404
Sum:	7,698,522	395,577	174,492	0	67	8,268,658	276,762	30,309	39,012	598,829	85,785	240	1,030,937

Number of Substance Reports for 2001 - TCPA EHSs

10028-15-6	OZONE	1
106-89-8	EPICHLOROHYDRIN	3
106-99-0	1,3-BUTADIENE	4
107-05-1	ALLYL CHLORIDE	1
107-13-1	ACRYLONITRILE	7
107-18-6	ALLYL ALCOHOL	2
108-05-4	VINYL ACETATE	11
124-40-3	DIMETHYLAMINE	2
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	7
302-01-2	HYDRAZINE	4
50-00-0	FORMALDEHYDE	18
584-84-9	TOLUENE-2,4-DIISOCYANATE	1
67-66-3	CHLOROFORM	4
74-83-9	BROMOMETHANE	1
74-85-1	ETHYLENE	8
74-87-3	CHLOROMETHANE	2
75-00-3	CHLOROETHANE	3
75-01-4	VINYL CHLORIDE	3
75-07-0	ACETALDEHYDE	4
75-15-0	CARBON DISULFIDE	1
75-21-8	ETHYLENE OXIDE	5
75-35-4	VINYLDENE CHLORIDE	3

Number of Substance Reports for 2001 - TCPA EHSs

75-44-5	PHOSGENE	1
7550-45-0	TITANIUM TETRACHLORIDE	2
75-55-8	PROPYLENEIMINE	1
75-56-9	PROPYLENE OXIDE	5
7647-01-0	HYDROCHLORIC ACID	29
7664-39-3	HYDROGEN FLUORIDE	17
7664-41-7	AMMONIA	64
7697-37-2	NITRIC ACID	34
7726-95-6	BROMINE	1
7782-50-5	CHLORINE	11
79-21-0	PERACETIC ACID	1

Throughput Data Summary by Industry for 2001 - TCPA EHSs

SIC CODE 1st 2 digits	# of Facilities	INPUTS				OUTPUTS				Use
		Starting Inventory	Manufactured	Brought on Site	Recycled & Reused on-site	Consumed	Shipped in/or as Product	Ending Inventory	Nonproduct Output	
20	7	138,038	223,595	274,933	0	161,552	0	105,395	371,352.00	532,904
22	1	740	0	33,930	0	0	0	780	34,630.00	34,630
23	1	0	38,332	0	0	0	47,584	0	38,420.00	86,004
26	3	235,143	14,343	2,750,317	0	2,559,375	0	344,218	96,602.00	2,655,977
27	1	430	0	14,895	0	0	0	938	14,386.00	14,386
28	67	29,319,600	145,874,671	904,802,510	455,277	858,721,894	125,077,555	31,125,774	64,711,593.45	1,048,511,042
29	5	1,628,552	342,384,507	1,311,285	0	162,514,732	172,607,376	1,175,283	20,738,008.00	355,860,116
30	7	2,043,532	0	147,971,528	0	146,714,408	47,359	2,256,027	990,667.00	147,752,434
31	1	12,769	80,392	172,331	0	0	1,189	14,841	30,635.00	31,824
32	4	55,015	313,661	1,493,438	0	817,961	0	57,330	991,643.00	1,809,604
33	10	119,904	1,193,060	2,739,307	0	2,254,448	103,128	137,119	1,609,207.00	3,966,783
34	9	37,815	89,615	336,097	0	102,042	8,468	25,614	346,428.00	456,938
35	3	5,588	0	118,577	0	31,200	19,637	3,288	70,053.00	120,890
36	4	4,796	0	77,970	0	35,954	0	3,796	66,379.00	102,333
37	2	6,300	0	89,880	0	26,880	0	6,300	63,000.00	89,880
38	3	60,742	7,318	569,874	0	67,604	0	182,878	387,456.00	455,060
39	1	9,467	0	48,995	444	0	29,984	9,944	2,302.00	32,286
49	18	246,827	22,715,359	17,221,813	0	29,332,467	11,846	217,324	11,638,902.00	40,983,215
51	3	65,471	0	3,326,983	0	0	3,366,481	25,860	163.00	3,366,644
150		33,990,729	512,934,853	1,083,354,663	455,721	1,203,340,517	301,320,607	35,692,709	102,201,826.45	1,606,862,950

Industry Releases & Transfers for 2001 - TCPA EHSs

SIC CODE 1st 2 digits	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal on-site	On-Site Releases	POTW Discharge	Waste Transfer - Recycling	Waste Transfer - Energy Recovery	Waste Transfer - Treatment	Waste Transfer - Disposal	Waste Transfer - Other	Off-Site Transfers
20	81,497	18,090	0	0	0	99,587	10,925	0	0	0	1,486	0	12,411
22	136	271	0	0	0	407	3,722	0	0	0	0	0	3,722
23	28,749	9,583	0	0	0	38,332	0	0	0	0	88	0	88
26	13,020	109	0	0	0	13,129	22,330	589	0	14	0	0	22,933
27	0	4,460	0	0	0	4,460	0	9,926	0	0	0	0	9,926
28	322,638	283,550	150,972	0	67	757,227	195,501	14,179	13,016	81,746	71,314	240	375,996
29	83,180	49,176	20,174	0	0	152,530	0	0	25,860	1	2,062	0	27,923
30	214,332	5,861	1,489	0	0	221,682	0	0	0	33	3,053	0	3,086
31	0	7,514	0	0	0	7,514	22,534	0	0	0	587	0	23,121
32	151,100	3,193	0	0	0	154,293	0	0	117	487,930	674	0	488,721
33	8,653	1,925	0	0	0	10,578	12,237	0	0	4,999	3,496	0	20,732
34	3,768	1,570	0	0	0	5,338	0	0	0	18,173	0	0	18,173
35	0	32	0	0	0	32	0	0	0	0	0	0	0
36	7,293	713	0	0	0	8,006	0	5,615	0	0	916	0	6,531
37	0	63	0	0	0	63	0	0	0	0	0	0	0
38	16,137	1,096	0	0	0	17,233	9,513	0	19	5,921	0	0	15,453
39	18	0	0	0	0	18	0	0	0	0	1,957	0	1,957
49	6,767,999	8,354	1,857	0	0	6,778,210	0	0	0	12	8	0	20
51	2	17	0	0	0	19	0	0	0	0	144	0	144

Susbtance Releases & Transfers for 2001 - TCPA EHSs

CAS Number	Chemical Name	Stack Air Emissions	Fugitive Air Emissions	Surface Water Discharge	Ground Water Discharge	Land Disposal on-site	On-Site Releases	POTW Discharge	Waste Transfer - Recycling	Waste Transfer - Energy Recovery	Waste Transfer - Treatment	Waste Transfer - Disposal	Waste Transfer - Other	Off-Site Transfers
106-99-0	1,3-BUTADIENE	101	7,549	48	0	0	7,698	0	0	0	0	0	0	0
75-07-0	ACETALDEHYDE	1,705	5	8	0	0	1,718	0	0	24	101	0	0	125
107-13-1	ACRYLONITRILE	414	640	1	0	0	1,055	1	0	19	2,514	6	0	2,540
107-18-6	ALLYL ALCOHOL	72	7	33	0	0	112	8	0	0	0	0	0	8
107-05-1	ALLYL CHLORIDE	117	92	0	0	0	209	3	0	0	0	1,292	0	1,295
7664-41-7	AMMONIA	1,085,878	78,485	165,616	0	0	1,329,979	118,061	3,990	3,541	71,584	7,228	240	204,644
7726-95-6	BROMINE	1	103	0	0	0	104	0	0	0	0	0	0	0
74-83-9	BROMOMETHANE	2,244	92	0	0	0	2,336	14	0	0	0	0	0	14
75-15-0	CARBON DISULFIDE	38	0	1	0	7	46	0	0	0	0	0	0	0
7782-50-5	CHLORINE	16,108	173	482	0	0	16,763	15,900	0	0	0	0	0	15,900
75-00-3	CHLOROETHANE	10,682	43,160	3	0	0	53,845	0	2,409	3,037	4,694	46,907	0	57,047
67-66-3	CHLOROFORM	15,469	10,459	12	0	0	25,940	6,592	0	3,809	586	16	0	11,003
74-87-3	CHLOROMETHANE	36,747	1,092	70	0	10	37,919	0	0	0	129	8	0	137
124-40-3	DIMETHYLAMINE	46	17	0	0	0	63	458	0	0	0	0	0	458
106-89-8	EPICHLOROHYDRIN	2,969	900	7,596	0	26	11,491	49,794	0	0	0	0	0	49,794
74-85-1	ETHYLENE	27,999	39,881	0	0	0	67,880	13	0	0	0	0	0	13
75-21-8	ETHYLENE OXIDE	952	3,370	0	0	0	4,322	9,503	0	0	3	0	0	9,506
50-00-0	FORMALDEHYDE	15,788	444	4	0	0	16,236	11,597	0	2,722	1,301	6,050	0	21,670
302-01-2	HYDRAZINE	101	33	0	0	0	134	0	0	0	0	0	0	0
7647-01-0	HYDROCHLORIC ACID	6,133,539	15,725	0	0	0	6,149,264	5	13,395	0	0	7,546	0	20,946
7664-39-3	HYDROGEN FLUORIDE	268,809	153,473	0	0	0	422,282	0	0	0	19,453	0	0	19,453
7697-37-2	NITRIC ACID	13,177	19,180	579	0	0	32,936	14,707	9,926	0	491,649	4,674	0	520,956
10028-15-6	OZONE	1	48	0	0	0	49	0	0	0	0	0	0	0
79-21-0	PERACETIC ACID	2	248	0	0	0	250	0	0	0	0	0	0	0
75-44-5	PHOSGENE	2,407	73	0	0	0	2,480	0	0	0	0	0	0	0
75-55-8	PROPYLENEIMINE	56	15	3	0	0	74	0	0	0	0	3	0	3
75-56-9	PROPYLENE OXIDE	2,265	1,279	0	0	0	3,544	0	0	0	0	0	0	0
7550-45-0	TITANIUM TETRACHLORIDE	838	1,362	0	0	0	2,200	0	0	0	0	0	0	0
584-84-9	TOLUENE-2,4-DIISOCYANATE	6	0	0	0	0	6	0	0	0	0	0	0	0
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	151	541	0	0	0	692	0	0	0	31	9,255	0	9,286
108-05-4	VINYL ACETATE	36,563	9,952	0	0	0	46,515	50,106	589	25,860	1,165	2,773	0	80,493
75-01-4	VINYL CHLORIDE	23,267	7,178	36	0	0	30,481	0	0	0	219	21	0	240
75-35-4	VINYLDENE CHLORIDE	10	1	0	0	24	35	0	0	0	5,400	6	0	5,406

Top Tens (NPO) - TCPA EHSs

Top 10 Substances Generated as Nonproduct Output in 2001

CAS Number	Substance Name	NPO	% of Total
7647-01-0	HYDROCHLORIC ACID	63,532,500	62.16 %
7664-41-7	AMMONIA	14,962,673	14.64 %
7697-37-2	NITRIC ACID	12,293,455	12.03 %
7664-39-3	HYDROGEN FLUORIDE	4,538,088	4.44 %
74-85-1	ETHYLENE	2,751,119	2.69 %
7550-45-0	TITANIUM TETRACHLORIDE	851,789	0.83 %
75-01-4	VINYL CHLORIDE	719,562	0.70 %
75-44-5	PHOSGENE	533,372	0.52 %
7782-50-5	CHLORINE	397,560	0.39 %
108-05-4	VINYL ACETATE	280,609	0.27 %
Sum of Top 10:		100,860,727	98.69 %
Sum Other:		1,341,099	1.31 %
Sum All:		102,201,826	100.00 %

Top 10 Facilities Generating Nonproduct Output in 2001

Facility Name (City)	County	NPO	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	34,168,695	33.43 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	8,786,233	8.60 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	7,632,493	7.47 %
INFINEUM USA (LINDEN)	UNION	7,258,218	7.10 %
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	6,726,700	6.58 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	3,394,075	3.32 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	3,143,701	3.08 %
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	2,869,152	2.81 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	2,317,954	2.27 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	2,234,219	2.19 %
Sum of Top Ten:		78,531,440	76.84 %
Sum Other:		23,670,386	23.16 %
Sum All:		102,201,826	100.00 %

Top 10 Individual Reports of Nonproduct Output in 2001

Facility Name (City)	County	Substance Name	NPO
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HYDROCHLORIC ACID	29,328,941
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	AMMONIA	7,907,190
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	NITRIC ACID	7,632,493
INFINEUM USA (LINDEN)	UNION	HYDROCHLORIC ACID	7,105,203
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	HYDROCHLORIC ACID	6,306,906
FERRO CORP. (LOGAN TWP)	GLOUCESTER	HYDROCHLORIC ACID	3,315,725
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	HYDROCHLORIC ACID	2,986,900
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	HYDROCHLORIC ACID	2,843,512
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NITRIC ACID	2,622,175
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	AMMONIA	2,304,003

Top Tens (Releases) - TCPA EHSs

Top 10 Substances Released On-Site in 2001

CAS Number	Substance Name	On-Site Releases	% of Total
7647-01-0	HYDROCHLORIC ACID	6,149,264	74.37 %
7664-41-7	AMMONIA	1,329,979	16.08 %
7664-39-3	HYDROGEN FLUORIDE	422,282	5.11 %
74-85-1	ETHYLENE	67,880	0.82 %
75-00-3	CHLOROETHANE	53,845	0.65 %
108-05-4	VINYL ACETATE	46,515	0.56 %
74-87-3	CHLOROMETHANE	37,919	0.46 %
7697-37-2	NITRIC ACID	32,936	0.40 %
75-01-4	VINYL CHLORIDE	30,481	0.37 %
67-66-3	CHLOROFORM	25,940	0.31 %
Sum of Top Ten:		8,197,041	99.13 %
Sum Other:		71,617	0.87 %
Sum All:		8,268,658	100.00 %

Top 10 On-Site Releasers in 2001

Facility Name (City)	County	On-Site Releases	% of Total
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	3,143,689	38.02 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	2,234,219	27.02 %
CONECTIV (PENNSVILLE)	SALEM	544,594	6.59 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	358,432	4.33 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	337,531	4.08 %
COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY)	UNION	210,798	2.55 %
SGPPL-MICKLETON (MICKLETON)	GLOUCESTER	156,914	1.90 %
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	153,871	1.86 %
CAMDETT CORP (CAMDEN)	CAMDEN	124,014	1.50 %
KRAFT FOODS NORTH AMERICA INC (FAIR LAWN)	BERGEN	59,935	0.72 %
Sum of Top Ten:		7,323,997	88.58 %
Sum Other:		944,661	11.42 %
Sum All:		8,268,658	100.00 %

Top 10 Individual Reports of On-Site Releases in 2001

Facility Name (City)	County	Substance Name	On-Site Releases
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	HYDROCHLORIC ACID	2,986,900
PSEG FOSSIL LLC (HAMILTON)	MERCER	HYDROCHLORIC ACID	2,139,375
CONECTIV (PENNSVILLE)	SALEM	HYDROCHLORIC ACID	523,617
CONECTIV (BEESLEYS POINT)	CAPE MAY	HYDROCHLORIC ACID	271,931
COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY)	UNION	AMMONIA	210,798

Top Tens (Air Emissions) - TCPA EHSs

Top 10 Substances for Total Air Emissions in 2001

CAS Number	Substance Name	Total Air Emissions	% of Total
7647-01-0	HYDROCHLORIC ACID	6,149,264	75.97 %
7664-41-7	AMMONIA	1,164,363	14.39 %
7664-39-3	HYDROGEN FLUORIDE	422,282	5.22 %
74-85-1	ETHYLENE	67,880	0.84 %
75-00-3	CHLOROETHANE	53,842	0.67 %
108-05-4	VINYL ACETATE	46,515	0.57 %
74-87-3	CHLOROMETHANE	37,839	0.47 %
7697-37-2	NITRIC ACID	32,357	0.40 %
75-01-4	VINYL CHLORIDE	30,445	0.38 %
67-66-3	CHLOROFORM	25,928	0.32 %
Sum of Top Ten:		8,030,715	99.22 %
Sum Other:		63,384	0.78 %
Sum All:		8,094,099	100.00 %

Top 10 Facilities for Total Air Emissions in 2001

Facility Name (City)	County	Total Air Emissions	% of Total
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	3,141,895	38.82 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	2,234,187	27.60 %
CONECTIV (PENNSVILLE)	SALEM	544,594	6.73 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	358,424	4.43 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	211,840	2.62 %
COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY)	UNION	210,798	2.60 %
SGPPL-MICKLETON (MICKLETON)	GLOUCESTER	156,914	1.94 %
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	153,871	1.90 %
CAMDETT CORP (CAMDEN)	CAMDEN	124,014	1.53 %
KRAFT FOODS NORTH AMERICA INC (FAIR LAWN)	BERGEN	59,935	0.74 %
Sum of Top Ten:		7,196,472	88.91 %
Sum Other:		897,627	11.09 %
Sum All:		8,094,099	100.00 %

Top 10 Individual Reports of Total Air Emissions in 2001

Facility Name (City)	County	Substance Name	Total Air Emissions
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	HYDROCHLORIC ACID	2,986,900
PSEG FOSSIL LLC (HAMILTON)	MERCER	HYDROCHLORIC ACID	2,139,375
CONECTIV (PENNSVILLE)	SALEM	HYDROCHLORIC ACID	523,617
CONECTIV (BEESLEYS POINT)	CAPE MAY	HYDROCHLORIC ACID	271,931
COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY)	UNION	AMMONIA	210,798
SGPPL-MICKLETON (MICKLETON)	GLOUCESTER	AMMONIA	156,914
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HYDROGEN FLUORIDE	152,084
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	AMMONIA	145,418
CAMDETT CORP (CAMDEN)	CAMDEN	AMMONIA	124,014
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	HYDROGEN FLUORIDE	98,650

Top Tens (Stack Air Emissions) - TCPA EHSs

Top 10 Substances for Stack Air Emissions in 2001

CAS Number	Substance Name	Stack Air Emissions	% of Total
7647-01-0	HYDROCHLORIC ACID	6,133,539.00	79.67 %
7664-41-7	AMMONIA	1,085,878.00	14.11 %
7664-39-3	HYDROGEN FLUORIDE	268,809.00	3.49 %
74-87-3	CHLOROMETHANE	36,747.00	0.48 %
108-05-4	VINYL ACETATE	36,563.00	0.47 %
74-85-1	ETHYLENE	27,999.00	0.36 %
75-01-4	VINYL CHLORIDE	23,267.00	0.30 %
7782-50-5	CHLORINE	16,108.00	0.21 %
50-00-0	FORMALDEHYDE	15,788.30	0.21 %
67-66-3	CHLOROFORM	15,469.00	0.20 %
Sum of Top Ten:		7,660,167.30	99.50 %
Sum Other:		38,355.00	0.50 %
Sum All:		7,698,522.30	100.00 %

Top 10 Facilities for Stack Air Emissions in 2001

Facility Name (City)	County	Stack Air Emissions	% of Total
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	3,141,894.00	40.81 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	2,234,187.00	29.02 %
CONECTIV (PENNSVILLE)	SALEM	544,594.00	7.07 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	358,424.00	4.66 %
COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY)	UNION	208,160.00	2.70 %
SGPPL-MICKLETON (MICKLETON)	GLOUCESTER	156,914.00	2.04 %
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	150,774.00	1.96 %
CAMDETT CORP (CAMDEN)	CAMDEN	121,442.00	1.58 %
KRAFT FOODS NORTH AMERICA INC (FAIR LAWN)	BERGEN	59,935.00	0.78 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	57,878.00	0.75 %
Sum of Top Ten:		7,034,202.00	91.37 %
Sum Other:		664,320.30	8.63 %
Sum All:		7,698,522.30	100.00 %

Top 10 Individual Reports of Stack Air Emissions in 2001

Facility Name (City)	County	Substance Name	Stack Air Emissions
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	HYDROCHLORIC ACID	2,986,900.00
PSEG FOSSIL LLC (HAMILTON)	MERCER	HYDROCHLORIC ACID	2,139,375.00
CONECTIV (PENNSVILLE)	SALEM	HYDROCHLORIC ACID	523,617.00
CONECTIV (BEESLEYS POINT)	CAPE MAY	HYDROCHLORIC ACID	271,931.00
COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY)	UNION	AMMONIA	208,160.00
SGPPL-MICKLETON (MICKLETON)	GLOUCESTER	AMMONIA	156,914.00
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	AMMONIA	142,567.00
CAMDETT CORP (CAMDEN)	CAMDEN	AMMONIA	121,442.00
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	HYDROGEN FLUORIDE	98,650.00
PSEG FOSSIL LLC (HAMILTON)	MERCER	HYDROGEN FLUORIDE	92,818.00

Top Tens (Fugitive Air Emissions) - TCPA EHSs

Top 10 Substances for Fugitive Air Emissions in 2001

CAS Number	Substance Name	Fugitive Air Emissions	% of Total
7664-39-3	HYDROGEN FLUORIDE	153,473	38.80 %
7664-41-7	AMMONIA	78,485	19.84 %
75-00-3	CHLOROETHANE	43,160	10.91 %
74-85-1	ETHYLENE	39,881	10.08 %
7697-37-2	NITRIC ACID	19,180	4.85 %
7647-01-0	HYDROCHLORIC ACID	15,725	3.98 %
67-66-3	CHLOROFORM	10,459	2.64 %
108-05-4	VINYL ACETATE	9,952	2.52 %
106-99-0	1,3-BUTADIENE	7,549	1.91 %
75-01-4	VINYL CHLORIDE	7,178	1.81 %
Sum of Top Ten:		385,042	97.34 %
Sum Other:		10,535	2.66 %
Sum All:		395,577	100.00 %

Top 10 Facilities for Fugitive Air Emissions in 2001

Facility Name (City)	County	Fugitive Air Emissions	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	153,962	38.92 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	43,889	11.09 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	27,140	6.86 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	22,446	5.67 %
NITTA CASINGS INC. (SOMERVILLE)	SOMERSET	10,743	2.72 %
ROCHE VITAMINS INC. (WHITE TWP)	WARREN	10,656	2.69 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	9,664	2.44 %
N. Y. P. CORP. (ELIZABETH)	UNION	9,583	2.42 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	9,570	2.42 %
MAGNESIUM ELEKTRON INC. (KINGWOOD)	HUNTERDON	8,865	2.24 %
Sum of Top Ten:		306,518	77.49 %
Sum Other:		89,059	22.51 %
Sum All:		395,577	100.00 %

Top 10 Individual Reports of Fugitive Air Emissions in 2001

Facility Name (City)	County	Substance Name	Fugitive Air Emissions
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HYDROGEN FLUORIDE	152,025
FERRO CORP. (LOGAN TWP)	GLOUCESTER	CHLOROETHANE	43,160

Top Tens (Surface Water Discharges) - TCPA EHSs

Top 10 Substances Discharged to Surface Water in 2001

CAS Number	Substance Name	Surface Water Discharge	% of Total
7664-41-7	AMMONIA	165,616	94.91 %
106-89-8	EPICHLOROHYDRIN	7,596	4.35 %
7697-37-2	NITRIC ACID	579	0.33 %
7782-50-5	CHLORINE	482	0.28 %
74-87-3	CHLOROMETHANE	70	0.04 %
106-99-0	1,3-BUTADIENE	48	0.03 %
75-01-4	VINYL CHLORIDE	36	0.02 %
107-18-6	ALLYL ALCOHOL	33	0.02 %
67-66-3	CHLOROFORM	12	0.01 %
75-07-0	ACETALDEHYDE	8	0.00 %
Sum of Top Ten:		174,480	99.99 %
Sum Other:		12	0.01 %
Sum All:		174,492	100.00 %

Top 10 Facilities for Surface Water Discharges in 2001

Facility Name (City)	County	Surface Water Discharge	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	125,624	71.99 %
REPAUNO PRODUCTS LLC (GREENWICH TWP)	GLOUCESTER	16,970	9.73 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	14,566	8.35 %
ROCHE VITAMINS INC. (WHITE TWP)	WARREN	3,697	2.12 %
VALERO REFINING COMPANY - NEW JERSEY (GREENWICH TOWNSHIP)	GLOUCESTER	3,504	2.01 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	2,954	1.69 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	1,894	1.09 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	1,794	1.03 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	1,710	0.98 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	1,475	0.85 %
Sum of Top Ten:		174,188	99.83 %
Sum Other:		304	0.17 %
Sum All:		174,492	100.00 %

Top 10 Individual Reports of Surface Water Discharges in 2001

Facility Name (City)	County	Substance Name	Surface Water Discharge
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	AMMONIA	117,830
REPAUNO PRODUCTS LLC (GREENWICH TWP)	GLOUCESTER	AMMONIA	16,391
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	AMMONIA	14,518
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	EPICHLOROHYDRIN	7,596
VALERO REFINING COMPANY - NEW JERSEY (GREENWICH TOWNSHIP)	GLOUCESTER	AMMONIA	3,504
ROCHE VITAMINS INC. (WHITE TWP)	WARREN	AMMONIA	3,298
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	AMMONIA	2,954
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	AMMONIA	1,894
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	AMMONIA	1,794
FERRO CORP. (LOGAN TWP)	GLOUCESTER	AMMONIA	1,707

Top Reports (Ground Water Discharges) - TCPA EHSs

All Substances Discharged to Ground Water in 2001

CAS Number	Substance Name	Ground Water Discharge
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No TCPA EHSs were reported as discharged to ground waters.

All Ground Water Dischargers in 2001

Facility Name (City)	County	Ground Water Discharge
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No TCPA EHSs were reported as discharged to ground waters.

All Individual Reports of Ground Water Discharges in 2001

Facility Name (City)	County	Substance Name	Ground Water Discharge
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No TCPA EHSs were reported as discharged to ground waters.

Top Reports (On-site Land Disposals) - TCPA EHSs

Top 10 Substances for On-site Land Disposal in 2001

CAS Number	Substance Name	Land Disposal on-site	% of Total
106-89-8	EPICHLOROHYDRIN	26	38.81 %
75-35-4	VINYLDENE CHLORIDE	24	35.82 %
74-87-3	CHLOROMETHANE	10	14.93 %
75-15-0	CARBON DISULFIDE	7	10.45 %
Sum of Top Ten:		67	100.00 %
Sum Other:		0	0.00 %
Sum All:		67	100.00 %

All Facilities Reporting On-site Land Disposal

Facility Name (City)	County	Land Disposal on-site
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	67

Individual Reports of On-site Land Disposal in 2001

Facility Name (City)	County	Substance Name	Land Disposal on-site
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	EPICHLOROHYDRIN	26
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	VINYLDENE CHLORIDE	24
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CHLOROMETHANE	10
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	CARBON DISULFIDE	7

Top Tens (Transferred Off-site) - TCPA EHSs

Top 10 Substances Transferred Off-site in 2001

CAS Number	Substance Name	Off-Site Transfers	% of Total
7697-37-2	NITRIC ACID	520,956	50.53 %
7664-41-7	AMMONIA	204,644	19.85 %
108-05-4	VINYL ACETATE	80,493	7.81 %
75-00-3	CHLOROETHANE	57,047	5.53 %
106-89-8	EPICHLOROHYDRIN	49,794	4.83 %
50-00-0	FORMALDEHYDE	21,670	2.10 %
7647-01-0	HYDROCHLORIC ACID	20,946	2.03 %
7664-39-3	HYDROGEN FLUORIDE	19,453	1.89 %
7782-50-5	CHLORINE	15,900	1.54 %
67-66-3	CHLOROFORM	11,003	1.07 %
Sum of Top Ten:		1,001,906	97.18 %
Sum Other:		29,031	2.82 %
Sum All:		1,030,937	100.00 %

Top 10 Facilities with Off-site Transfers in 2001

Facility Name (City)	County	Off-Site Transfers	% of Total
MYPODIAMOND INC (GIBBSTOWN)	GLOUCESTER	487,930	47.33 %
MERCK & CO INC (RAHWAY)	UNION	82,279	7.98 %
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	73,331	7.11 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	49,783	4.83 %
CARDOLITE CORPORATION (NEWARK)	ESSEX	48,500	4.70 %
FABRICOLOR MFG CORP (PATERSON)	PASSAIC	46,176	4.48 %
INFINEUM USA (LINDEN)	UNION	25,860	2.51 %
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	23,121	2.24 %
SCHWEITZER MAUDUIT INTERNATIONAL INC (SPOTSWOOD)	MIDDLESEX	22,330	2.17 %
VICTAULIC COMPANY OF AMERICA (FRANKLIN TOWNSHIP)	WARREN	18,173	1.76 %
Sum of Top Ten:		877,483	85.12 %
Sum Other:		153,454	14.88 %
Sum All:		1,030,937	100.00 %

Top 10 Individual Reports of Off-site Transfers in 2001

Facility Name (City)	County	Substance Name	Off-Site Transfers
MYPODIAMOND INC (GIBBSTOWN)	GLOUCESTER	NITRIC ACID	487,930
MERCK & CO INC (RAHWAY)	UNION	AMMONIA	82,279
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	CHLOROETHANE	54,010
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	VINYL ACETATE	49,468
CARDOLITE CORPORATION (NEWARK)	ESSEX	EPICHLOROHYDRIN	48,500
FABRICOLOR MFG CORP (PATERSON)	PASSAIC	AMMONIA	46,176
INFINEUM USA (LINDEN)	UNION	VINYL ACETATE	25,860
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	AMMONIA	23,121
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	HYDROCHLORIC ACID	19,321
VICTAULIC COMPANY OF AMERICA (FRANKLIN TOWNSHIP)	WARREN	HYDROGEN FLUORIDE	18,173

Top Tens (POTW Discharges) - TCPA EHSs

Top 10 Substances Discharged to POTWs in 2001

CAS Number	Substance Name	POTW Discharge	% of Total
7664-41-7	AMMONIA	118,061	42.66 %
108-05-4	VINYL ACETATE	50,106	18.10 %
106-89-8	EPICHLOROHYDRIN	49,794	17.99 %
7782-50-5	CHLORINE	15,900	5.75 %
7697-37-2	NITRIC ACID	14,707	5.31 %
50-00-0	FORMALDEHYDE	11,597	4.19 %
75-21-8	ETHYLENE OXIDE	9,503	3.43 %
67-66-3	CHLOROFORM	6,592	2.38 %
124-40-3	DIMETHYLAMINE	458	0.17 %
74-83-9	BROMOMETHANE	14	0.01 %
Sum of Top Ten:		276,732	99.99 %
Sum Other:		30	0.01 %
Sum All:		276,762	100.00 %

Top 10 Facilities Discharging to POTWs in 2001

Facility Name (City)	County	POTW Discharge	% of Total
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	49,263	17.80 %
CARDOLITE CORPORATION (NEWARK)	ESSEX	48,500	17.52 %
FABRICOLOR MFG CORP (PATERSON)	PASSAIC	46,176	16.68 %
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	22,534	8.14 %
SCHWEITZER MAUDUIT INTERNATIONAL INC (SPOTSWOOD)	MIDDLESEX	22,330	8.07 %
GENERAL CHEMICAL, NEWARK WORKS (NEWARK)	ESSEX	14,707	5.31 %
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	12,691	4.59 %
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	12,237	4.42 %
MERCK & CO INC (RAHWAY)	UNION	12,059	4.36 %
NITTA CASINGS INC. (SOMERVILLE)	SOMERSET	10,925	3.95 %
Sum of Top Ten:		251,422	90.84 %
Sum Other:		25,340	9.16 %
Sum All:		276,762	100.00 %

Top 10 Individual Reports of POTW Discharges in 2001

Facility Name (City)	County	Substance Name	POTW Discharge
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	VINYL ACETATE	49,022
CARDOLITE CORPORATION (NEWARK)	ESSEX	EPICHLOROHYDRIN	48,500
FABRICOLOR MFG CORP (PATERSON)	PASSAIC	AMMONIA	46,176
SETON COMPANY LEATHER DIVISION (NEWARK)	ESSEX	AMMONIA	22,534
SCHWEITZER MAUDUIT INTERNATIONAL INC (SPOTSWOOD)	MIDDLESEX	CHLORINE	15,895
GENERAL CHEMICAL, NEWARK WORKS (NEWARK)	ESSEX	NITRIC ACID	14,707
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	AMMONIA	12,691
MERCK & CO INC (RAHWAY)	UNION	AMMONIA	12,059
FERRO CORP (SOUTH PLAINFIELD)	MIDDLESEX	FORMALDEHYDE	11,360
NITTA CASINGS INC. (SOMERVILLE)	SOMERSET	AMMONIA	10,925

Top Tens (Off-site Transfers for Recycling) - TCPA EHSs

All Substances Transferred Off-site for Recycling in 2001

CAS Number	Substance Name	Waste Transfer - Recycling	Percentage
7647-01-0	HYDROCHLORIC ACID	13,395	44.19 %
7697-37-2	NITRIC ACID	9,926	32.75 %
7664-41-7	AMMONIA	3,990	13.16 %
75-00-3	CHLOROETHANE	2,409	7.95 %
108-05-4	VINYL ACETATE	589	1.94 %
Sum of Top Ten:		30,309	100.00 %
Sum Other:		0	0.00 %
Sum All:		30,309	100.00 %

All Facilities Transferring Off-site for Recycling in 2001

Facility Name (City)	County	Waste Transfer - Recycling	% of Total
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	14,179	46.78 %
PAMARCO INC (ROSELLE)	UNION	9,926	32.75 %
CIRCUITEK DIVISION OF TRANSISTUR DEVICES (BELVIDERE)	WARREN	3,990	13.16 %
ANADIGICS INC (WARREN TWP)	SOMERSET	1,625	5.36 %
TYCO ADHESIVES - BETHAM DIVISION (MIDDLESEX)	MIDDLESEX	589	1.94 %
Sum of Top Ten:		30,309	100.00 %
Sum Other:		0	0.00 %
Sum All:		30,309	100.00 %

All Individual Reports of Transfers Off-site for Recycling in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Recycling
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	HYDROCHLORIC ACID	11,770
PAMARCO INC (ROSELLE)	UNION	NITRIC ACID	9,926
CIRCUITEK DIVISION OF TRANSISTUR DEVICES (BELVIDERE)	WARREN	AMMONIA	3,990
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	CHLOROETHANE	2,409
ANADIGICS INC (WARREN TWP)	SOMERSET	HYDROCHLORIC ACID	1,625
TYCO ADHESIVES - BETHAM DIVISION (MIDDLESEX)	MIDDLESEX	VINYL ACETATE	589

Top Tens (Off-site Transfers for Energy Recovery) - TCPA EHSs

Substances Transferred Off-site for Energy Recovery in 2001

CAS Number	Substance Name	Waste Transfer - Energy Recovery	% of Total
108-05-4	VINYL ACETATE	25,860	66.29 %
67-66-3	CHLOROFORM	3,809	9.76 %
7664-41-7	AMMONIA	3,541	9.08 %
75-00-3	CHLOROETHANE	3,037	7.78 %
50-00-0	FORMALDEHYDE	2,722	6.98 %
75-07-0	ACETALDEHYDE	24	0.06 %
107-13-1	ACRYLONITRILE	19	0.05 %
Sum of Top Ten:		39,012	100.00 %
Sum Other:		0	0.00 %
Sum All:		39,012	100.00 %

Facilities Transferring Off-site for Energy Recovery in 2001

Facility Name (City)	County	Waste Transfer - Energy Recovery	% of Total
INFINEUM USA (LINDEN)	UNION	25,860	66.29 %
FISHER SCIENTIFIC COMPANY LLC (SOMERVILLE)	SOMERSET	5,305	13.60 %
L'OREAL USA INC (CLARK TWP)	UNION	3,507	8.99 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	3,037	7.78 %
FISHER SCIENTIFIC COMPANY LLC (FAIR LAWN)	BERGEN	1,143	2.93 %
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	117	0.30 %
E I DUPONT DENEMOURS & CO INC (SAYREVILLE)	MIDDLESEX	19	0.05 %
CHEM-FLEUR INC (NEWARK CITY)	ESSEX	19	0.05 %
FIRMENICH INCORPORATED (PLAINSBORO)	MIDDLESEX	5	0.01 %
Sum of Top Ten:		39,012	100.00 %
Sum Other:		0	0.00 %
Sum All:		39,012	100.00 %

Top 10 Individual Reports of Transfers Off-site for Energy Recovery in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Energy Recovery
INFINEUM USA (LINDEN)	UNION	VINYL ACETATE	25,860.00
FISHER SCIENTIFIC COMPANY LLC (SOMERVILLE)	SOMERSET	CHLOROFORM	3,809.00
L'OREAL USA INC (CLARK TWP)	UNION	AMMONIA	3,507.00
FERRO CORP. (LOGAN TWP)	GLOUCESTER	CHLOROETHANE	3,037.00
FISHER SCIENTIFIC COMPANY LLC (SOMERVILLE)	SOMERSET	FORMALDEHYDE	1,496.00
FISHER SCIENTIFIC COMPANY LLC (FAIR LAWN)	BERGEN	FORMALDEHYDE	1,143.00
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	FORMALDEHYDE	83.00
JOHNS MANVILLE CORPORATION (WINSLOW)	CAMDEN	AMMONIA	34.00
CHEM-FLEUR INC (NEWARK CITY)	ESSEX	ACETALDEHYDE	19.00
E I DUPONT DENEMOURS & CO INC (SAYREVILLE)	MIDDLESEX	ACRYLONITRILE	19.00

Top Tens (Off-site Transfers for Treatment) - TCPA EHSs

Top 10 Substances Transferred Off-site for Treatment in 2001

CAS Number	Substance Name	Waste Transfer - Treatment	% of Total
7697-37-2	NITRIC ACID	491,649	82.10 %
7664-41-7	AMMONIA	71,584	11.95 %
7664-39-3	HYDROGEN FLUORIDE	19,453	3.25 %
75-35-4	VINYLDENE CHLORIDE	5,400	0.90 %
75-00-3	CHLOROETHANE	4,694	0.78 %
107-13-1	ACRYLONITRILE	2,514	0.42 %
50-00-0	FORMALDEHYDE	1,301	0.22 %
108-05-4	VINYL ACETATE	1,165	0.19 %
67-66-3	CHLOROFORM	586	0.10 %
75-01-4	VINYL CHLORIDE	219	0.04 %
Sum of Top Ten:		598,565	99.96 %
Sum Other:		264	0.04 %
Sum All:		598,829	100.00 %

Top 10 Facilities Transferring Off-site for Treatment in 2001

Facility Name (City)	County	Waste Transfer - Treatment	% of Total
MYPODIAMOND INC (GIBBSTOWN)	GLOUCESTER	487,930	81.48 %
MERCK & CO INC (RAHWAY)	UNION	70,220	11.73 %
VICTAULIC COMPANY OF AMERICA (FRANKLIN TOWNSHIP)	WARREN	18,173	3.03 %
E I DUPONT DENEMOURS & CO INC (SAYREVILLE)	MIDDLESEX	5,885	0.98 %
SWEPCO TUBE, LLC (CLIFTON)	PASSAIC	4,999	0.83 %
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	4,694	0.78 %
SYBRON CHEMICALS INC -NEW- (PEMBERTON TWP)	BURLINGTON	2,327	0.39 %
NOVEON, INC. (OLDMANS TWP)	SALEM	1,089	0.18 %
L'OREAL USA INC (CLARK TWP)	UNION	884	0.15 %
FISHER DIAGNOSTICS (SWEDESBORO)	GLOUCESTER	672	0.11 %
Sum of Top Ten:		596,873	99.67 %
Sum Other:		1,956	0.33 %
Sum All:		598,829	100.00 %

Top 10 Individual Reports of Transfers Off-site for Treatment in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Treatment
MYPODIAMOND INC (GIBBSTOWN)	GLOUCESTER	NITRIC ACID	487,930
MERCK & CO INC (RAHWAY)	UNION	AMMONIA	70,220
VICTAULIC COMPANY OF AMERICA (FRANKLIN TOWNSHIP)	WARREN	HYDROGEN FLUORIDE	18,173
E I DUPONT DENEMOURS & CO INC (SAYREVILLE)	MIDDLESEX	VINYLDENE CHLORIDE	5,400
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	CHLOROETHANE	4,694
SWEPCO TUBE, LLC (CLIFTON)	PASSAIC	NITRIC ACID	3,719
SYBRON CHEMICALS INC -NEW- (PEMBERTON TWP)	BURLINGTON	ACRYLONITRILE	1,327
SWEPCO TUBE, LLC (CLIFTON)	PASSAIC	HYDROGEN FLUORIDE	1,280
SYBRON CHEMICALS INC -NEW- (PEMBERTON TWP)	BURLINGTON	VINYL ACETATE	1,000
L'OREAL USA INC (CLARK TWP)	UNION	AMMONIA	884

Top Tens (Off-site Transfers for Treatment) - TCPA EHSs

Top 10 Substances Transferred Off-site for Disposal in 2001

CAS Number	Substance Name	Waste Transfer - Disposal	% of Total
75-00-3	CHLOROETHANE	46,907	54.68 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	9,255	10.79 %
7647-01-0	HYDROCHLORIC ACID	7,546	8.80 %
7664-41-7	AMMONIA	7,228	8.43 %
50-00-0	FORMALDEHYDE	6,050	7.05 %
7697-37-2	NITRIC ACID	4,674	5.45 %
108-05-4	VINYL ACETATE	2,773	3.23 %
107-05-1	ALLYL CHLORIDE	1,292	1.51 %
75-01-4	VINYL CHLORIDE	21	0.02 %
67-66-3	CHLOROFORM	16	0.02 %
Sum of Top Ten:		85,762	99.97 %
Sum Other:		23	0.03 %
Sum All:		85,785	100.00 %

Top 10 Facilities Transferring Off-site for Disposal in 2001

Facility Name (City)	County	Waste Transfer - Disposal	% of Total
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	54,453	63.48 %
AIR PRODUCTS & CHEMICALS INC (PAULSBORO)	GLOUCESTER	9,233	10.76 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	3,496	4.08 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	3,037	3.54 %
ISP CHEMICALS INC (CHATHAM)	MORRIS	2,575	3.00 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	2,062	2.40 %
CONGOLEUM CORP PLANT #2 (TRENTON)	MERCER	1,957	2.28 %
SIKA CORPORATION (LYNDHURST)	BERGEN	1,888	2.20 %
NESTLE USA (FREEHOLD BORO)	MONMOUTH	1,486	1.73 %
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	1,292	1.51 %
Sum of Top Ten:		81,479	94.98 %
Sum Other:		4,306	5.02 %
Sum All:		85,785	100.00 %

Top 10 Individual Reports of Transfers Off-site for Disposal in 2001

Facility Name (City)	County	Substance Name	Waste Transfer - Disposal
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	CHLOROETHANE	46,907
AIR PRODUCTS & CHEMICALS INC (PAULSBORO)	GLOUCESTER	TOLUENE DIISOCYANATE (MIX	9,233
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	HYDROCHLORIC ACID	7,546
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	NITRIC ACID	3,496
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	AMMONIA	2,925
ISP CHEMICALS INC (CHATHAM)	MORRIS	FORMALDEHYDE	2,575
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	AMMONIA	2,062
CONGOLEUM CORP PLANT #2 (TRENTON)	MERCER	VINYL ACETATE	1,957
SIKA CORPORATION (LYNDHURST)	BERGEN	FORMALDEHYDE	1,866
SIEGFRIED(USA), INC. (PENNSVILLE)	SALEM	ALLYL CHLORIDE	1,292

Top Tens (On-site Management) - TCPA EHSs

Top 10 Substances Managed On-site in 2001

CAS Number	Substance Name	On-Site Management	% of Total
7647-01-0	HYDROCHLORIC ACID	57,362,290	61.74 %
7664-41-7	AMMONIA	13,428,050	14.45 %
7697-37-2	NITRIC ACID	11,739,563	12.64 %
7664-39-3	HYDROGEN FLUORIDE	4,096,353	4.41 %
74-85-1	ETHYLENE	2,683,226	2.89 %
7550-45-0	TITANIUM TETRACHLORIDE	849,589	0.91 %
75-01-4	VINYL CHLORIDE	688,841	0.74 %
75-44-5	PHOSGENE	530,892	0.57 %
7782-50-5	CHLORINE	364,897	0.39 %
67-66-3	CHLOROFORM	223,847	0.24 %
Sum of Top Ten:		91,967,548	98.99 %
Sum Other:		934,683	1.01 %
Sum All:		92,902,231	100.00 %

Top 10 Facilities Managing On-site in 2001

Facility Name (City)	County	On-Site Management	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	33,831,027	36.42 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	8,750,000	9.42 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	7,622,923	8.21 %
INFINEUM USA (LINDEN)	UNION	7,173,994	7.72 %
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	6,705,286	7.22 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	3,340,861	3.60 %
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	2,859,082	3.08 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	2,278,273	2.45 %
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	2,024,028	2.18 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	1,831,048	1.97 %
Sum of Top Ten:		76,416,522	82.25 %
Sum Other:		16,485,709	17.75 %
Sum All:		92,902,231	100.00 %

Top 10 Individual Reports of On-site Management in 2001

Facility Name (City)	County	Substance Name	On-Site Management
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HYDROCHLORIC ACID	29,324,004
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	AMMONIA	7,900,000
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	NITRIC ACID	7,622,923
INFINEUM USA (LINDEN)	UNION	HYDROCHLORIC ACID	7,078,374
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	HYDROCHLORIC ACID	6,305,794
FERRO CORP. (LOGAN TWP)	GLOUCESTER	HYDROCHLORIC ACID	3,315,293
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	HYDROCHLORIC ACID	2,835,792
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NITRIC ACID	2,620,143
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	AMMONIA	2,277,211
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	HYDROCHLORIC ACID	1,623,859

Top Reports (On-site Recycling) - TCPA EHSs

Top Substances for On-site Recycled in 2001

CAS Number	Substance Name	Recycled & Reused on-site	% of Total
74-85-1	ETHYLENE	341,125	74.85 %
106-89-8	EPICHLOROHYDRIN	84,000	18.43 %
302-01-2	HYDRAZINE	29,609	6.50 %
7664-41-7	AMMONIA	543	0.12 %
108-05-4	VINYL ACETATE	444	0.10 %
Sum of Top Ten:		455,721	100.00 %
Sum Other:		0	0.00 %
Sum All:		455,721	100.00 %

Top Facilities for On-site Recycling in 2001

Facility Name (City)	County	Recycled & Reused on-site	% of Total
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	341,125	74.85 %
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	84,000	18.43 %
FAIRMOUNT CHEMICAL CO. (NEWARK)	ESSEX	29,609	6.50 %
DOCK RESINS CORP (LINDEN)	UNION	543	0.12 %
CONGOLEUM CORP PLANT #2 (TRENTON)	MERCER	444	0.10 %
Sum of Top Ten:		455,721	100.00 %
Sum Other:		0	0.00 %
Sum All:		455,721	100.00 %

Individual Reports for On-site Recycling in 2001

Facility Name (City)	County	Substance Name	Recycled & Reused on-site
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	ETHYLENE	341,125
CVC SPECIALTY CHEMICALS, INC. (MAPLE SHADE)	BURLINGTON	EPICHLOROHYDRIN	84,000
FAIRMOUNT CHEMICAL CO. (NEWARK)	ESSEX	HYDRAZINE	29,609
DOCK RESINS CORP (LINDEN)	UNION	AMMONIA	543
CONGOLEUM CORP PLANT #2 (TRENTON)	MERCER	VINYL ACETATE	444

Top Reports (On-site Energy Recovery) - TCPA EHSs

Only Substance Destroyed On-site for Energy Recovery in 2001

CAS Number	Substance Name	Energy Recovered on-site	% of Total
7664-41-7	AMMONIA	2,080,298	100.00 %
Sum of Top Ten:		2,080,298	100.00 %
Sum Other:		0	0.00 %
Sum All:		2,080,298	100.00 %

Top 10 Facilities Destroying On-site for Energy Recovery in 2001

Facility Name (City)	County	Energy Recovered on-site	% of Total
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	2,056,935	98.88 %
ELECTRO CERAMIC INDUSTRIES -CORP- (HACKENSACK)	BERGEN	23,363	1.12 %
Sum of Top Ten:		2,080,298	100.00 %
Sum Other:		0	0.00 %
Sum All:		2,080,298	100.00 %

Individual Reports of Energy Recovery On-site in 2001

Facility Name (City)	County	Substance Name	Energy Recovered on-site
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	AMMONIA	2,056,935
ELECTRO CERAMIC INDUSTRIES -CORP- (HACKENSACK)	BERGEN	AMMONIA	23,363

Top Tens (Destroyed On-site) - TCPA EHSs

Top 10 Substances Destroyed On-site in 2001

CAS Number	Substance Name	Destroyed On-site	% of Total
7647-01-0	HYDROCHLORIC ACID	57,367,634	63.46 %
7697-37-2	NITRIC ACID	11,736,494	12.98 %
7664-41-7	AMMONIA	11,343,424	12.55 %
7664-39-3	HYDROGEN FLUORIDE	4,062,630	4.49 %
74-85-1	ETHYLENE	2,342,101	2.59 %
7550-45-0	TITANIUM TETRACHLORIDE	849,589	0.94 %
75-01-4	VINYL CHLORIDE	688,841	0.76 %
75-44-5	PHOSGENE	530,892	0.59 %
7782-50-5	CHLORINE	364,897	0.40 %
67-66-3	CHLOROFORM	223,847	0.25 %
Sum of Top Ten:		89,510,349	99.01 %
Sum Other:		894,645	0.99 %
Sum All:		90,404,994	100.00 %

Top 10 Facilities that Destroyed On-site in 2001

Facility Name (City)	County	Destroyed On-site	% of Total
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	33,831,027	37.42 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	8,750,000	9.68 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	7,622,923	8.43 %
INFINEUM USA (LINDEN)	UNION	7,172,232	7.93 %
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	6,710,902	7.42 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	3,341,114	3.70 %
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	2,859,082	3.16 %
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	2,024,028	2.24 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	1,831,048	2.03 %
PG&E GENERATING (CARNEYS POINT)	SALEM	1,672,315	1.85 %
Sum of Top Ten:		75,814,671	83.86 %
Sum Other:		14,590,323	16.14 %
Sum All:		90,404,994	100.00 %

Top 10 Individual Reports of Destroyed On-site in 2001

Facility Name (City)	County	Substance Name	Destroyed On-site
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	HYDROCHLORIC ACID	29,324,004
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	AMMONIA	7,900,000
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	NITRIC ACID	7,622,923
INFINEUM USA (LINDEN)	UNION	HYDROCHLORIC ACID	7,078,374
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	HYDROCHLORIC ACID	6,311,379
FERRO CORP. (LOGAN TWP)	GLOUCESTER	HYDROCHLORIC ACID	3,315,293
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	HYDROCHLORIC ACID	2,835,792
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	NITRIC ACID	2,620,143
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	HYDROCHLORIC ACID	1,623,859
U.S. GENERATING CO. (LOGAN TWP)	GLOUCESTER	HYDROCHLORIC ACID	1,580,724

Top Twenties (Use) - TCPA EHSs

Top 20 Substances Used in 2001

CAS Number	Substance Name	Calculated Use	% of Total
75-01-4	VINYL CHLORIDE	508,408,546	31.64 %
74-85-1	ETHYLENE	348,494,906	21.69 %
7782-50-5	CHLORINE	166,502,323	10.36 %
108-05-4	VINYL ACETATE	107,193,756	6.67 %
7647-01-0	HYDROCHLORIC ACID	94,131,846	5.86 %
7697-37-2	NITRIC ACID	77,535,821	4.83 %
75-44-5	PHOSGENE	73,492,923	4.57 %
7664-41-7	AMMONIA	67,711,923	4.21 %
75-21-8	ETHYLENE OXIDE	59,315,303	3.69 %
75-56-9	PROPYLENE OXIDE	29,761,371	1.85 %
7664-39-3	HYDROGEN FLUORIDE	20,324,622	1.26 %
7550-45-0	TITANIUM TETRACHLORIDE	11,354,361	0.71 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	10,971,682	0.68 %
50-00-0	FORMALDEHYDE	10,347,061	0.64 %
106-99-0	1,3-BUTADIENE	8,492,133	0.53 %
107-13-1	ACRYLONITRILE	5,540,419	0.34 %
302-01-2	HYDRAZINE	1,676,683	0.10 %
106-89-8	EPICHLOROHYDRIN	1,510,573	0.09 %
67-66-3	CHLOROFORM	1,033,547	0.06 %
75-35-4	VINYLDENE CHLORIDE	976,024	0.06 %
Sum of Top Ten:		1,604,775,823	99.87 %
Sum Other:		2,087,127	0.13 %
Sum All:		1,606,862,950	100.00 %

Top 20 Facilities for Use in 2001

Facility Name (City)	County	Calculated Use	% of Total
OXY VINYLs LP (PEDRICKTOWN)	SALEM	371,961,879	23.15 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	217,400,645	13.53 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	146,786,233	9.13 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	82,790,204	5.15 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	80,046,103	4.98 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	78,926,843	4.91 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	76,880,062	4.78 %
KUEHNE CHEMICAL CO INC (KEARNY)	HUDSON	72,104,629	4.49 %
VALERO REFINING COMPANY - NEW JERSEY (GREENWICH TOWNSHIP)	GLOUCESTER	63,914,078	3.98 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	60,141,844	3.74 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	59,172,463	3.68 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	55,111,383	3.43 %
UNION CARBIDE CORP (SOMERSET)	SOMERSET	24,640,528	1.53 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	20,751,317	1.29 %
AUSIMONT USA INC (THOROFARE)	GLOUCESTER	15,884,090	0.99 %
REPAUNO PRODUCTS LLC (GREENWICH TWP)	GLOUCESTER	14,412,145	0.90 %
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	13,578,846	0.85 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	12,546,757	0.78 %
BENJAMIN MOORE & CO. (NEWARK)	ESSEX	11,824,352	0.74 %
COASTAL TECHNOLOGY INC. (WESTVILLE)	GLOUCESTER	11,554,758	0.72 %
Sum of Top Ten:		1,490,429,159	92.75 %
Sum Other:		116,433,791	7.25 %
Sum All:		1,606,862,950	100.00 %

Last Updated 12/23/2003

Top Twenties (Consumed in Process) - TCPA EHSs

Top 20 Substances Consumed in Process in 2001

CAS Number	Substance Name	Consumed	% of Total
75-01-4	VINYL CHLORIDE	428,797,915	35.63 %
74-85-1	ETHYLENE	173,568,343	14.42 %
7782-50-5	CHLORINE	152,216,481	12.65 %
108-05-4	VINYL ACETATE	106,604,796	8.86 %
75-44-5	PHOSGENE	72,959,551	6.06 %
75-21-8	ETHYLENE OXIDE	59,124,403	4.91 %
7697-37-2	NITRIC ACID	56,720,999	4.71 %
7664-41-7	AMMONIA	47,898,651	3.98 %
75-56-9	PROPYLENE OXIDE	29,650,794	2.46 %
7664-39-3	HYDROGEN FLUORIDE	15,685,394	1.30 %
7647-01-0	HYDROCHLORIC ACID	12,310,053	1.02 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	10,906,663	0.91 %
50-00-0	FORMALDEHYDE	9,535,380	0.79 %
7550-45-0	TITANIUM TETRACHLORIDE	8,428,363	0.70 %
106-99-0	1,3-BUTADIENE	8,051,234	0.67 %
107-13-1	ACRYLONITRILE	5,479,487	0.46 %
106-89-8	EPICHLOROHYDRIN	1,441,726	0.12 %
302-01-2	HYDRAZINE	1,091,718	0.09 %
75-35-4	VINYLDENE CHLORIDE	919,436	0.08 %
107-18-6	ALLYL ALCOHOL	456,867	0.04 %
Sum of Top Ten:		1,201,848,254	99.88 %
Sum Other:		1,492,263	0.12 %
Sum All:		1,203,340,517	100.00 %

Top 20 Facilities for Consumed in Process in 2001

Facility Name (City)	County	Consumed	% of Total
OXY VINYLs LP (PEDRICKTOWN)	SALEM	293,066,101	24.35 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	182,689,767	15.18 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	89,000,000	7.40 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	78,890,467	6.56 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	78,418,248	6.52 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	76,782,000	6.38 %
VALERO REFINING COMPANY - NEW JERSEY (GREENWICH TOWNSHIP)	GLOUCESTER	61,706,749	5.13 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	59,299,706	4.93 %
KUEHNE CHEMICAL CO INC (KEARNY)	HUDSON	58,226,628	4.84 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	41,240,933	3.43 %
UNION CARBIDE CORP (SOMERSET)	SOMERSET	24,614,735	2.05 %
AUSIMONT USA INC (THOROFARE)	GLOUCESTER	14,982,342	1.25 %
REPAUNO PRODUCTS LLC (GREENWICH TWP)	GLOUCESTER	14,381,042	1.20 %
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	13,577,732	1.13 %
BENJAMIN MOORE & CO. (NEWARK)	ESSEX	11,823,618	0.98 %
COASTAL TECHNOLOGY INC. (WESTVILLE)	GLOUCESTER	11,553,022	0.96 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	10,311,514	0.86 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	10,210,118	0.85 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	8,511,625	0.71 %
FOAMEX (EAST RUTHERFORD)	BERGEN	6,712,145	0.56 %
Sum of Top Ten:		1,145,998,492	95.23 %
Sum Other:		57,342,025	4.77 %
Sum All:		1,203,340,517	100.00 %

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Top Twenties (Shipped as or in Product) - TCPA EHSs

All Substances Shipped as (or in) Product in 2001

CAS Number	Substance Name	Shipped in/or as Product	% of Total
74-85-1	ETHYLENE	172,175,444	57.14 %
75-01-4	VINYL CHLORIDE	78,891,069	26.18 %
7647-01-0	HYDROCHLORIC ACID	18,289,293	6.07 %
7782-50-5	CHLORINE	13,888,282	4.61 %
7697-37-2	NITRIC ACID	8,521,367	2.83 %
7664-41-7	AMMONIA	4,850,599	1.61 %
7550-45-0	TITANIUM TETRACHLORIDE	2,074,209	0.69 %
50-00-0	FORMALDEHYDE	636,815	0.21 %
302-01-2	HYDRAZINE	538,655	0.18 %
67-66-3	CHLOROFORM	509,511	0.17 %
106-99-0	1,3-BUTADIENE	431,932	0.14 %
108-05-4	VINYL ACETATE	308,351	0.10 %
7664-39-3	HYDROGEN FLUORIDE	101,140	0.03 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	48,784	0.02 %
75-07-0	ACETALDEHYDE	27,842	0.01 %
75-56-9	PROPYLENE OXIDE	24,881	0.01 %
106-89-8	EPICHLOROHYDRIN	2,000	0.00 %
75-21-8	ETHYLENE OXIDE	282	0.00 %
107-13-1	ACRYLONITRILE	151	0.00 %
Sum of Top Ten:		301,320,607	100.00 %
Sum Other:		0	0.00 %
Sum All:		301,320,607	100.00 %

Top 20 Facilities Shipping Substances as (or in) Product in 2001

Facility Name (City)	County	Shipped in/or as Product	% of Total
OXY VINYL LP (PEDRICKTOWN)	SALEM	78,890,467	26.18 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	71,602,097	23.76 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	51,195,564	16.99 %
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	49,000,000	16.26 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	14,537,455	4.82 %
KUEHNE CHEMICAL CO INC (KEARNY)	HUDSON	13,878,000	4.61 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	6,223,109	2.07 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	4,607,199	1.53 %
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	2,074,209	0.69 %
ORICA USA INC (WHARTON)	MORRIS	1,986,537	0.66 %
MANHATTAN PRODUCTS, INC. (CARLSTADT)	BERGEN	1,306,456	0.43 %
L J & M LA PLACE (ELMWOOD PARK)	BERGEN	974,982	0.32 %
FISHER SCIENTIFIC COMPANY LLC (SOMERVILLE)	SOMERSET	841,231	0.28 %
VALERO REFINING COMPANY - NEW JERSEY (GREENWICH TOWNSHIP)	GLOUCESTER	809,715	0.27 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	542,183	0.18 %
FAIRMOUNT CHEMICAL CO. (NEWARK)	ESSEX	538,655	0.18 %
VOPAK USA (PATERSON)	PASSAIC	404,962	0.13 %
MATHESON GAS PRODUCTS INC -NEW- (EAST RUTHERFORD)	BERGEN	313,933	0.10 %
L'OREAL USA INC (CLARK TWP)	UNION	257,361	0.09 %
MAGNESIUM ELEKTRON INC. (KINGWOOD)	HUNTERDON	214,545	0.07 %
Sum of Top Ten:		300,198,660	99.63 %
Sum Other:		1,121,947	0.37 %
Sum All:		301,320,607	100.00 %

Last Updated 12/23/2003

Top Twenties (Brought On-site) - TCPA EHSs

Top 20 Substances Brought On-site in 2001

CAS Number	Substance Name	Brought on Site	% of Total
75-01-4	VINYL CHLORIDE	508,557,035	46.94 %
7782-50-5	CHLORINE	165,923,250	15.32 %
108-05-4	VINYL ACETATE	111,170,620	10.26 %
7697-37-2	NITRIC ACID	77,601,164	7.16 %
75-21-8	ETHYLENE OXIDE	58,785,932	5.43 %
7664-41-7	AMMONIA	34,839,266	3.22 %
75-56-9	PROPYLENE OXIDE	29,657,118	2.74 %
74-85-1	ETHYLENE	26,752,692	2.47 %
7664-39-3	HYDROGEN FLUORIDE	19,061,868	1.76 %
26471-62-5	TOLUENE DIISOCYANATE (MIXED ISOMERS)	11,043,927	1.02 %
7550-45-0	TITANIUM TETRACHLORIDE	10,493,290	0.97 %
50-00-0	FORMALDEHYDE	10,289,617	0.95 %
7647-01-0	HYDROCHLORIC ACID	6,756,228	0.62 %
107-13-1	ACRYLONITRILE	5,453,538	0.50 %
302-01-2	HYDRAZINE	1,627,712	0.15 %
106-89-8	EPICHLOROHYDRIN	1,523,260	0.14 %
67-66-3	CHLOROFORM	1,020,270	0.09 %
75-35-4	VINYLDENE CHLORIDE	981,874	0.09 %
107-18-6	ALLYL ALCOHOL	455,216	0.04 %
75-00-3	CHLOROETHANE	376,180	0.03 %
Sum of Top Ten:		1,082,370,057	99.91 %
Sum Other:		984,606	0.09 %
Sum All:		1,083,354,663	100.00 %

Top 20 Facilities Bringing Substances On-site in 2001

Facility Name (City)	County	Brought on Site	% of Total
OXY VINYLs LP (PEDRICKTOWN)	SALEM	371,956,568	34.33 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	108,632,317	10.03 %
AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP)	MIDDLESEX	79,609,282	7.35 %
POLYONE CORPORATION (OLDMANS TWP)	SALEM	78,890,467	7.28 %
BASF CORPORATION -DEL- (WASHINGTON)	WARREN	76,665,385	7.08 %
KUEHNE CHEMICAL CO INC (KEARNY)	HUDSON	72,087,128	6.65 %
COLORITE SPECIALTY RESINS (BURLINGTON)	BURLINGTON	60,335,977	5.57 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	36,301,583	3.35 %
UNION CARBIDE CORP (SOMERSET)	SOMERSET	28,758,019	2.65 %
GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE)	MIDDLESEX	20,583,317	1.90 %
AUSIMONT USA INC (THOROFARE)	GLOUCESTER	15,929,116	1.47 %
REPAUNO PRODUCTS LLC (GREENWICH TWP)	GLOUCESTER	14,512,980	1.34 %
HERCULES INCORPORATED (PARLIN)	MIDDLESEX	13,300,241	1.23 %
BENJAMIN MOORE & CO. (NEWARK)	ESSEX	11,845,360	1.09 %
COASTAL TECHNOLOGY INC. (WESTVILLE)	GLOUCESTER	11,554,758	1.07 %
MALLINCKRODT BAKER INC (PHILLIPSBURG)	WARREN	7,759,815	0.72 %
FOAMEX (EAST RUTHERFORD)	BERGEN	6,754,040	0.62 %
OLD BRIDGE CHEMICALS, INC. (OLD BRIDGE TWP)	MIDDLESEX	6,560,000	0.61 %
LIBERTY PLASTICS INC (CARNEYS POINT)	SALEM	4,746,356	0.44 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	3,248,412	0.30 %
Sum of Top Ten:		1,030,031,121	95.08 %
Sum Other:		53,323,542	4.92 %
Sum All:		1,083,354,663	100.00 %

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Top Twenties (Manufactured) - TCPA EHSs

All Substances Manufactured in 2001

CAS Number	Substance Name	Manufactured	% of Total
74-85-1	ETHYLENE	316,521,856	61.71 %
7647-01-0	HYDROCHLORIC ACID	79,989,144	15.59 %
75-44-5	PHOSGENE	73,278,840	14.29 %
7664-41-7	AMMONIA	32,281,127	6.29 %
106-99-0	1,3-BUTADIENE	8,491,438	1.66 %
7664-39-3	HYDROGEN FLUORIDE	1,127,495	0.22 %
7697-37-2	NITRIC ACID	816,124	0.16 %
75-00-3	CHLOROETHANE	110,650	0.02 %
124-40-3	DIMETHYLAMINE	97,902	0.02 %
75-55-8	PROPYLENEIMINE	83,100	0.02 %
10028-15-6	OZONE	47,810	0.01 %
74-87-3	CHLOROMETHANE	36,515	0.01 %
74-83-9	BROMOMETHANE	25,640	0.00 %
67-66-3	CHLOROFORM	14,343	0.00 %
75-07-0	ACETALDEHYDE	12,869	0.00 %
Sum of Top Ten:		512,934,853	100.00 %
Sum Other:		0	0.00 %
Sum All:		512,934,853	100.00 %

Top 20 Facilities Manufacturing Substances in 2001

Facility Name (City)	County	Manufactured	% of Total
CONOCOPHILLIPS COMPANY (LINDEN)	UNION	141,900,000	27.66 %
E I DUPONT DE NEMOURS & CO INC (PENNSVILLE)	SALEM	109,024,522	21.26 %
AMERADA-HESS PORT READING-CORPORATION (PORT READING)	MIDDLESEX	82,707,079	16.12 %
VALERO REFINING COMPANY - NEW JERSEY (GREENWICH TOWNSHIP)	GLOUCESTER	62,882,677	12.26 %
COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TOWNSHIP)	GLOUCESTER	54,894,751	10.70 %
FERRO CORP. (LOGAN TWP)	GLOUCESTER	22,774,628	4.44 %
PSEG FOSSIL LLC (HAMILTON)	MERCER	12,546,730	2.45 %
ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE)	HUDSON	6,706,411	1.31 %
PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY)	HUDSON	4,246,706	0.83 %
HOFFMANN LA ROCHE INC (NUTLEY)	ESSEX	2,862,152	0.56 %
SAFETY-KLEEN INC (LOGAN TOWNSHIP)	GLOUCESTER	2,039,679	0.40 %
U.S. GENERATING CO. (LOGAN TWP)	GLOUCESTER	1,710,014	0.33 %
SOLUTIA INC. (BRIDGEPORT)	GLOUCESTER	1,624,159	0.32 %
CONECTIV (BEESLEYS POINT)	CAPE MAY	1,458,352	0.28 %
AKZO NOBEL POLYMER CHEMICALS LLC (EDISON)	MIDDLESEX	1,235,758	0.24 %
JOHNSON MATTHEY INC (WEST DEPTFORD TWP)	GLOUCESTER	967,934	0.19 %
CAMDETT CORP (CAMDEN)	CAMDEN	807,830	0.16 %
CYTEC INDUSTRIES INC (WOODBIDGE)	MIDDLESEX	567,866	0.11 %
CONECTIV (PENNSVILLE)	SALEM	546,924	0.11 %
SHIELDALLOY MATALLURGICAL CORP (NEWFIELD)	GLOUCESTER	189,668	0.04 %
Sum of Top Ten:		511,693,840	99.76 %
Sum Other:		1,241,013	0.24 %
Sum All:		512,934,853	100.00 %

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