

Appendix K-1
2001 RPPR Annual Report
Summary of 2001 Materials Accounting Data

Statewide Materials Accounting Summary for 2001

| | 2001 |
|-----------------------------------|----------------|
| Number of Facilities | 522 |
| Number of Forms | 2363 |
| Starting Inventory | 1,176,396,712 |
| Starting Inventory as NPO | 2,455,925 |
| Manufactured | 9,565,844,288 |
| Brought on Site | 17,353,584,383 |
| Brought on Site as Recycled | 104,083,088 |
| Consumed | 3,150,105,523 |
| Shipped as (or in) Product | 23,585,082,046 |
| Ending Inventory | 1,166,134,477 |
| Ending Inventory as NPO | 2,334,168 |
| Nonproduct Output | 281,862,562 |
| On-Site Releases | 17,938,615 |
| Stack Air Emissions | 11,740,517 |
| Fugitive Air Emissions | 2,246,445 |
| Surface Water Discharge | 3,657,915 |
| Ground Water Discharge | 4 |
| Land Disposal on-site | 293,734 |
| On-Site Management | 168,521,099 |
| Recycled & Reused on-site | 15,581,709 |
| Energy Recovered on-site | 6,441,236 |
| Destroyed on-site | 146,619,912 |
| EI(as NPO) - SI(as NPO) | -121,757 |
| Off-Site Transfers | 95,402,848 |
| POTW Discharge | 21,616,630 |
| Waste Transfer - Recycling | 35,497,559 |
| Waste Transfer - Energy Recovery | 25,911,434 |
| Waste Transfer - Treatment | 5,964,057 |
| Waste Transfer - Disposal | 6,409,010 |
| Total Substance Use or Throughput | 27,017,050,131 |

Number of Facilities and Reports for 2001

| COUNTY | # of Facilities | # of Reports |
|--------------|-----------------|--------------|
| ATLANTIC | 2 | 2 |
| BERGEN | 61 | 182 |
| BURLINGTON | 27 | 122 |
| CAMDEN | 25 | 87 |
| CAPE MAY | 1 | 19 |
| CUMBERLAND | 6 | 20 |
| ESSEX | 55 | 235 |
| GLOUCESTER | 29 | 285 |
| HUDSON | 27 | 103 |
| HUNTERDON | 11 | 26 |
| MERCER | 11 | 58 |
| MIDDLESEX | 87 | 462 |
| MONMOUTH | 9 | 22 |
| MORRIS | 34 | 66 |
| OCEAN | 6 | 13 |
| PASSAIC | 38 | 118 |
| SALEM | 14 | 159 |
| SOMERSET | 21 | 78 |
| SUSSEX | 3 | 4 |
| UNION | 44 | 240 |
| WARREN | 11 | 62 |
| TOTAL | 522 | 2,363 |

Throughput Data Summary by County for 2001

| County | INPUTS | | | | OUTPUTS | | | | Use |
|------------|--------------------|---------------|-----------------|---------------------------|---------------|--------------------------|------------------|-------------------|----------------|
| | Starting Inventory | Manufactured | Brought on Site | Recycled & Reused on-site | Consumed | Shipped in/or as Product | Ending Inventory | Nonproduct Output | |
| ATLANTIC | 1,921 | 0 | 66,073 | 0 | 55,098 | 241 | 580 | 11,815 | 67,154 |
| BERGEN | 4,023,211 | 773,856 | 65,074,435 | 308,044 | 15,594,571 | 46,121,372 | 4,297,963 | 4,098,448 | 65,814,391 |
| BURLINGTON | 4,942,015 | 2,389,477 | 105,992,644 | 187,200 | 89,961,618 | 14,068,342 | 4,752,409 | 5,340,764 | 109,370,724 |
| CAMDEN | 31,046,255 | 1,157,281 | 339,060,583 | 843,932 | 5,319,153 | 329,215,639 | 35,355,023 | 3,319,161 | 337,853,953 |
| CAPE MAY | 408,567 | 1,974,689 | 783,906 | 0 | 1,034,838 | 390,721 | 444,719 | 1,296,948 | 2,722,507 |
| CUMBERLAND | 140,391 | 71,910 | 1,060,134 | 0 | 121,046 | 592,677 | 218,524 | 422,226 | 1,135,948 |
| ESSEX | 71,809,937 | 311,755,988 | 1,303,660,997 | 1,153,772 | 42,759,436 | 1,621,307,005 | 59,793,666 | 21,244,608 | 1,685,311,049 |
| GLOUCESTER | 241,771,007 | 3,773,456,243 | 3,490,100,486 | 20,951 | 938,602,075 | 6,322,131,047 | 208,225,891 | 37,718,991 | 7,298,452,112 |
| HUDSON | 7,857,042 | 12,635,248 | 162,705,438 | 1,569,081 | 76,252,386 | 76,140,521 | 10,291,564 | 14,793,386 | 167,186,292 |
| HUNTERDON | 2,371,094 | 3,391,007 | 1,246,812 | 2,415 | 519,614 | 5,222,029 | 1,413,952 | 463,831 | 6,205,474 |
| MERCER | 3,631,197 | 12,888,859 | 261,399,138 | 4,559 | 11,914,025 | 258,534,572 | 3,582,529 | 3,959,482 | 274,408,079 |
| MIDDLESEX | 365,309,005 | 988,594,713 | 5,489,985,169 | 2,777,290 | 548,152,323 | 5,886,437,288 | 353,572,456 | 64,526,886 | 6,499,116,497 |
| MONMOUTH | 11,162,143 | 1,384 | 168,571,096 | 1,514,731 | 163,650 | 169,080,563 | 10,287,446 | 1,795,768 | 171,039,981 |
| MORRIS | 10,494,044 | 80,553 | 35,741,886 | 4,121,134 | 3,439,809 | 35,576,118 | 4,829,901 | 6,534,778 | 45,550,705 |
| OCEAN | 78,429 | 0 | 782,681 | 1,806 | 171,250 | 433,037 | 179,839 | 905,976 | 1,510,263 |
| PASSAIC | 3,128,832 | 918,059 | 48,578,587 | 778,742 | 8,926,687 | 32,649,975 | 2,730,475 | 9,076,300 | 50,652,962 |
| SALEM | 28,325,721 | 244,617,712 | 610,538,935 | 9,947 | 760,281,945 | 39,919,133 | 24,071,254 | 52,999,502 | 853,200,580 |
| SOMERSET | 4,622,111 | 2,257,490 | 82,655,942 | 227,103 | 56,714,325 | 21,509,921 | 9,105,238 | 1,928,870 | 80,153,116 |
| SUSSEX | 92,823 | 0 | 388,144 | 2,201 | 0 | 0 | 82,270 | 390,848 | 390,848 |
| UNION | 377,442,233 | 4,208,023,725 | 5,068,747,329 | 2,016,959 | 510,422,813 | 8,691,792,923 | 425,962,922 | 47,025,376 | 9,249,241,112 |
| WARREN | 7,738,734 | 856,093 | 116,443,967 | 41,841 | 79,698,861 | 33,958,923 | 6,935,858 | 4,008,599 | 117,666,383 |
| Sum: | 1,176,396,712 | 9,565,844,288 | 17,353,584,383 | 15,581,709 | 3,150,105,523 | 23,585,082,046 | 1,166,134,477 | 281,862,562 | 27,017,050,131 |

County Releases & Transfers for 2001

| 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 | Off-Site Transfers |
|------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| ATLANTIC | 9,309 | 2,327 | 0 | 0 | 0 | 11,636 | 0 | 0 | 0 | 178 | 1 | 179 |
| BERGEN | 172,846 | 47,761 | 1 | 0 | 0 | 220,608 | 505,625 | 586,591 | 724,636 | 142,022 | 233,584 | 2,192,459 |
| BURLINGTON | 206,441 | 46,308 | 65,292 | 0 | 0 | 318,040 | 41,490 | 223,835 | 627,320 | 143,159 | 3,043,728 | 4,079,532 |
| CAMDEN | 339,293 | 32,546 | 1 | 0 | 0 | 371,841 | 227 | 60,021 | 404,005 | 72,453 | 15,965 | 552,672 |
| CAPE MAY | 495,046 | 0 | 1,525 | 0 | 0 | 496,571 | 0 | 0 | 0 | 0 | 61,042 | 61,042 |
| CUMBERLAND | 182,544 | 48,652 | 26 | 0 | 0 | 231,222 | 0 | 249 | 401 | 0 | 5,493 | 6,143 |
| ESSEX | 208,080 | 152,556 | 6 | 0 | 0 | 360,642 | 8,829,995 | 2,444,007 | 2,731,316 | 56,251 | 92,619 | 14,154,188 |
| GLOUCESTER | 689,749 | 332,901 | 248,077 | 0 | 0 | 1,270,727 | 56,912 | 371,994 | 1,598,313 | 833,939 | 315,299 | 3,176,457 |
| HUDSON | 3,388,772 | 51,025 | 4,119 | 0 | 34,699 | 3,478,615 | 42,313 | 696,381 | 14,028 | 99,456 | 575,652 | 1,427,829 |
| HUNTERDON | 13,363 | 11,853 | 0 | 1 | 0 | 25,217 | 745 | 110,782 | 85,878 | 0 | 110,379 | 307,784 |
| MERCER | 2,392,104 | 27,431 | 2,748 | 0 | 0 | 2,422,283 | 2 | 302,137 | 296,664 | 17,476 | 36,936 | 653,215 |
| MIDDLESEX | 1,306,004 | 494,479 | 4,061 | 3 | 3,130 | 1,807,678 | 10,592,602 | 19,340,453 | 5,793,965 | 969,952 | 469,217 | 37,166,189 |
| MONMOUTH | 12,078 | 26,528 | 0 | 0 | 0 | 38,606 | 1 | 192,716 | 0 | 37,387 | 7,767 | 237,871 |
| MORRIS | 68,132 | 37,385 | 10 | 0 | 0 | 105,528 | 72,942 | 1,267,132 | 74,511 | 2,165 | 505,439 | 1,926,347 |
| OCEAN | 8,379 | 12,469 | 0 | 0 | 0 | 20,848 | 961 | 83 | 38,406 | 20,391 | 492 | 60,333 |
| PASSAIC | 156,159 | 32,264 | 0 | 0 | 0 | 188,423 | 492,319 | 2,919,091 | 246,360 | 546,963 | 117,396 | 4,322,128 |
| SALEM | 775,371 | 148,661 | 1,180,229 | 0 | 244,503 | 2,348,764 | 112 | 882,993 | 1,710,401 | 1,646,638 | 668,985 | 4,909,130 |
| SOMERSET | 42,672 | 18,350 | 2 | 0 | 11,402 | 72,426 | 73,538 | 481,355 | 617,330 | 4,274 | 1,877 | 1,178,374 |
| SUSSEX | 37,454 | 24,870 | 0 | 0 | 0 | 62,324 | 0 | 25,723 | 8,475 | 25,795 | 0 | 59,993 |
| UNION | 967,864 | 462,744 | 1,924,447 | 0 | 0 | 3,355,055 | 670,931 | 5,169,035 | 10,178,822 | 1,175,547 | 79,604 | 17,273,940 |
| WARREN | 268,858 | 235,334 | 227,370 | 0 | 0 | 731,562 | 235,915 | 422,981 | 760,602 | 170,010 | 67,535 | 1,657,043 |
| Sum: | 11,740,517 | 2,246,445 | 3,657,915 | 4 | 293,734 | 17,938,615 | 21,616,630 | 35,497,559 | 25,911,434 | 5,964,057 | 6,409,010 | 95,402,848 |

Number of Facilities and Reports for 2001 by SIC

| SIC CODE | # of Facilities | # of Reports |
|--------------|-----------------|--------------|
| 20 | 15 | 26 |
| 22 | 10 | 19 |
| 23 | 1 | 2 |
| 24 | 2 | 4 |
| 26 | 20 | 60 |
| 27 | 17 | 26 |
| 28 | 158 | 905 |
| 29 | 14 | 168 |
| 30 | 35 | 76 |
| 31 | 2 | 7 |
| 32 | 14 | 27 |
| 33 | 49 | 172 |
| 34 | 50 | 152 |
| 35 | 17 | 43 |
| 36 | 33 | 44 |
| 37 | 7 | 48 |
| 38 | 12 | 30 |
| 39 | 5 | 13 |
| 49 | 24 | 233 |
| 51 | 37 | 308 |
| TOTAL | 522 | 2,363 |

Throughput Data Summary by Industry for 2001

| SIC CODE | # 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 | 15 | 336,804 | 493,733 | 862,705 | 220,600 | 186,502 | 325,622 | 224,128 | 992,791 | 1,504,915 |
| 22 | 10 | 66,115 | 0 | 1,049,711 | 4,346 | 48,218 | 135,174 | 52,730 | 872,037 | 1,055,429 |
| 23 | 1 | 4,500 | 38,332 | 80,846 | 0 | 0 | 128,288 | 4,500 | 38,562 | 166,850 |
| 24 | 2 | 633,384 | 0 | 8,285,168 | 0 | 1,398,503 | 7,079,484 | 423,471 | 22,298 | 8,500,285 |
| 26 | 20 | 675,233 | 232,499 | 10,821,767 | 1,093,649 | 2,746,838 | 4,129,208 | 767,017 | 12,013,121 | 18,889,167 |
| 27 | 17 | 414,400 | 0 | 2,258,214 | 3,800 | 332,287 | 338 | 423,655 | 1,828,018 | 2,160,643 |
| 28 | 158 | 102,439,353 | 765,791,334 | 1,807,630,752 | 5,758,859 | 1,615,181,433 | 822,036,491 | 93,589,046 | 136,824,108 | 2,574,042,032 |
| 29 | 14 | 559,261,866 | 8,761,130,348 | 4,717,997,059 | 54,998 | 1,299,412,671 | 12,168,340,379 | 552,660,043 | 31,157,703 | 13,498,910,753 |
| 30 | 35 | 3,605,244 | 157,560 | 182,089,855 | 535,128 | 150,378,121 | 29,573,837 | 3,377,362 | 3,751,342 | 183,703,300 |
| 31 | 2 | 124,883 | 80,392 | 1,050,558 | 0 | 595,160 | 232,795 | 61,181 | 147,336 | 975,291 |
| 32 | 14 | 322,428 | 443,280 | 5,979,520 | 530 | 1,041,525 | 3,937,409 | 343,931 | 1,425,031 | 6,403,965 |
| 33 | 49 | 72,002,328 | 10,242,042 | 541,746,125 | 6,904,314 | 4,112,217 | 590,752,516 | 59,452,607 | 30,766,771 | 625,631,504 |
| 34 | 50 | 1,753,413 | 317,593 | 15,320,881 | 24,167 | 187,920 | 5,388,223 | 1,773,940 | 9,966,217 | 15,542,360 |
| 35 | 17 | 2,338,406 | 68,911 | 13,935,401 | 26,103 | 660,396 | 12,641,683 | 1,940,883 | 1,107,750 | 14,409,829 |
| 36 | 33 | 601,238 | 53,541 | 73,323,232 | 0 | 37,664 | 59,933,026 | 570,656 | 13,561,107 | 73,531,797 |
| 37 | 7 | 6,506,809 | 89,385 | 25,407,866 | 728,604 | 115,503 | 25,702,437 | 3,855,594 | 3,051,327 | 28,869,267 |
| 38 | 12 | 263,227 | 373,977 | 2,752,873 | 187 | 176,612 | 1,375,492 | 289,646 | 1,552,476 | 3,104,580 |
| 39 | 5 | 45,971 | 0 | 435,764 | 7,680 | 166,858 | 227,185 | 49,177 | 23,501 | 417,544 |
| 49 | 24 | 8,096,450 | 25,659,605 | 80,064,797 | 0 | 73,327,096 | 1,499,563 | 8,235,424 | 31,786,700 | 106,613,359 |
| 51 | 37 | 416,904,659 | 671,756 | 9,862,491,290 | 218,743 | 0 | 9,851,642,896 | 438,039,487 | 974,367 | 9,852,617,263 |
| Sum: | 522 | 1,176,396,712 | 9,565,844,288 | 17,353,584,383 | 15,581,709 | 3,150,105,523 | 23,585,082,046 | 1,166,134,477 | 281,862,562 | 27,017,050,131 |

Industry Releases & Transfers for 2001

| SIC CODE | # of Facilities | 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 | Off-Site Transfers |
|----------|-----------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 20 | 15 | 86,071 | 45,675 | 0 | 0 | 0 | 131,746 | 307,619 | 5,737 | 22,234 | 18,059 | 1,490 | 355,139 |
| 22 | 10 | 24,747 | 2,499 | 815 | 0 | 0 | 28,061 | 26,472 | 108,888 | 79,069 | 8,243 | 0 | 222,672 |
| 23 | 1 | 28,754 | 9,588 | 0 | 0 | 0 | 38,342 | 0 | 0 | 0 | 0 | 220 | 220 |
| 24 | 2 | 11,616 | 5,371 | 0 | 0 | 0 | 16,987 | 2,302 | 0 | 2,168 | 0 | 841 | 5,311 |
| 26 | 20 | 286,571 | 187,119 | 1 | 0 | 3,096 | 476,787 | 240,136 | 50,301 | 1,966,318 | 172,558 | 181,628 | 2,610,941 |
| 27 | 17 | 172,865 | 26,364 | 0 | 0 | 0 | 199,229 | 0 | 169,101 | 53,540 | 63,129 | 13,404 | 299,174 |
| 28 | 158 | 1,258,345 | 829,235 | 1,517,199 | 3 | 244,533 | 3,849,315 | 16,591,262 | 3,410,848 | 21,451,026 | 4,314,186 | 1,596,867 | 47,364,189 |
| 29 | 14 | 643,034 | 606,900 | 2,065,610 | 0 | 4 | 3,315,548 | 1,315 | 146,059 | 400,523 | 249,803 | 40,987 | 838,687 |
| 30 | 35 | 266,582 | 54,036 | 64,812 | 0 | 0 | 385,430 | 61,121 | 236,229 | 234,475 | 22,621 | 41,601 | 596,047 |
| 31 | 2 | 2,720 | 9,059 | 0 | 0 | 0 | 11,779 | 28,048 | 0 | 0 | 0 | 107,509 | 135,557 |
| 32 | 14 | 158,516 | 4,574 | 14 | 0 | 11,402 | 174,506 | 2 | 190,078 | 368 | 488,448 | 243,263 | 922,159 |
| 33 | 49 | 114,813 | 95,427 | 192 | 1 | 0 | 210,434 | 3,451,386 | 12,740,204 | 344,895 | 433,651 | 3,354,142 | 20,324,278 |
| 34 | 50 | 378,140 | 167,957 | 0 | 0 | 0 | 546,097 | 400,692 | 2,476,644 | 1,032,732 | 63,791 | 142,247 | 4,116,107 |
| 35 | 17 | 28,056 | 7,115 | 0 | 0 | 0 | 35,171 | 287,068 | 638,825 | 11,943 | 7,592 | 30,719 | 976,147 |
| 36 | 33 | 22,320 | 4,444 | 14 | 0 | 0 | 26,778 | 214 | 13,404,700 | 2,018 | 11,475 | 13,856 | 13,436,421 |
| 37 | 7 | 759,185 | 52,943 | 0 | 0 | 0 | 812,128 | 209,117 | 890,501 | 87,412 | 10,806 | 41,268 | 1,239,104 |
| 38 | 12 | 22,230 | 2,067 | 0 | 0 | 0 | 24,297 | 9,615 | 697,395 | 139,642 | 24,030 | 7,157 | 877,840 |
| 39 | 5 | 6,094 | 1,270 | 0 | 0 | 0 | 7,364 | 8 | 0 | 58 | 2,380 | 6,053 | 8,499 |
| 49 | 24 | 7,223,264 | 10,453 | 8,450 | 0 | 34,699 | 7,276,866 | 11 | 170,054 | 1 | 20 | 531,500 | 701,586 |
| 51 | 37 | 246,593 | 124,349 | 808 | 0 | 0 | 371,750 | 242 | 161,995 | 83,011 | 73,265 | 54,258 | 372,771 |
| Sum: | 522 | 11,740,517 | 2,246,445 | 3,657,915 | 4 | 293,734 | 17,938,615 | 21,616,630 | 35,497,559 | 25,911,434 | 5,964,057 | 6,409,010 | 95,402,848 |

Number of Substance Reports for 2001

| Substance Name | CAS # | # of Reports |
|--|------------|--------------|
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 2 |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1 |
| 1,1-DICHLORO-1-FLUOROETHANE (HCFC-141B) | 1717-00-6 | 5 |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 1 |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 64 |
| 1,2-BUTYLENE OXIDE | 106-88-7 | 1 |
| 1,2-DICHLOROBENZENE | 95-50-1 | 2 |
| 1,2-DICHLOROETHANE | 107-06-2 | 2 |
| 1,2-DICHLOROETHYLENE | 540-59-0 | 1 |
| 1,2-DICHLOROPROPANE | 78-87-5 | 2 |
| 1,2-PHENYLENEDIAMINE | 95-54-5 | 1 |
| 1,3-BUTADIENE | 106-99-0 | 4 |
| 1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAA | 4080-31-3 | 1 |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1 |
| 1,3-DICHLOROPROPYLENE | 542-75-6 | 1 |
| 1,3-PHENYLENEDIAMINE | 108-45-2 | 2 |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1 |
| 1-CHLORO-1,1-DIFLUOROETHANE [HCFC-142B] | 75-68-3 | 1 |
| 2,2-DICHLORO-1,1,1-TRIFLUOROETHANE | 306-83-2 | 2 |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 2 |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1 |
| 2,4-D [(2,4-DICHLOROPHENOXY)ACETIC ACI | 94-75-7 | 2 |
| 2,4-DINITROPHENOL | 51-28-5 | 1 |
| 2,4-DINITROTOLUENE | 121-14-2 | 1 |
| 2-CHLORO-1,1,1,2-TETRAFLUOROETHANE | 2837-89-0 | 2 |
| 2-ETHOXYETHANOL | 110-80-5 | 2 |
| 2-MERCAPTOBENZOTHAZOLE [MBT] | 149-30-4 | 1 |
| 2-METHOXYETHANOL | 109-86-4 | 3 |
| 2-NITROPROPANE | 79-46-9 | 1 |
| 3,3'-DICHLOROBENZIDINE DIHYDROCHLORIDE | 612-83-9 | 3 |
| 3,3-DIMETHOXYBENZIDINE DIHYDROCHLORIDE | 20325-40-0 | 1 |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | 1 |
| 4,4-ISOPROPYLIDENEDIPHENOL | 80-05-7 | 3 |
| 4,4-METHYLENEBIS(2-CHLOROANILINE) | 101-14-4 | 1 |
| 4-NITROPHENOL | 100-02-7 | 1 |
| 5-NITRO-O-TOLUIDINE | 99-55-8 | 1 |
| ACETALDEHYDE | 75-07-0 | 4 |
| ACETONITRILE | 75-05-8 | 8 |
| ACETOPHENONE | 98-86-2 | 3 |
| ACRYLAMIDE | 79-06-1 | 4 |
| ACRYLIC ACID | 79-10-7 | 15 |

Last Updated 12/23/2003

Number of Substance Reports for 2001

| Substance Name | CAS # | # of Reports |
|--|-----------|--------------|
| ACRYLONITRILE | 107-13-1 | 7 |
| ALDRIN | 309-00-2 | 1 |
| ALLYL ALCOHOL | 107-18-6 | 2 |
| ALLYL CHLORIDE | 107-05-1 | 1 |
| ALUMINUM (FUME OR DUST) | 7429-90-5 | 7 |
| AMMONIA | 7664-41-7 | 66 |
| ANILINE (AND SALTS) | 62-53-3 | 5 |
| ANTIMONY | 7440-36-0 | 4 |
| ANTIMONY COMPOUNDS | N010 | 19 |
| ARSENIC | 7440-38-2 | 1 |
| ARSENIC COMPOUNDS | N020 | 7 |
| ASBESTOS (FRIABLE) | 1332-21-4 | 2 |
| BARIUM | 7440-39-3 | 1 |
| BARIUM COMPOUNDS [EXCEPT BARIUM SULFATE] | N040 | 23 |
| BENZAL CHLORIDE | 98-87-3 | 2 |
| BENZENE | 71-43-2 | 26 |
| BENZO(G,H,I)PERYLENE | 191-24-2 | 46 |
| BENZOIC TRICHLORIDE | 98-07-7 | 1 |
| BENZOYL PEROXIDE | 94-36-0 | 2 |
| BENZYL CHLORIDE | 100-44-7 | 4 |
| BIPHENYL | 92-52-4 | 1 |
| BIS(TRIBUTYLTIN) OXIDE | 56-35-9 | 1 |
| BROMINE | 7726-95-6 | 1 |
| BROMOMETHANE | 74-83-9 | 1 |
| BUTYL ACRYLATE | 141-32-2 | 12 |
| CADMIUM | 7440-43-9 | 1 |
| CADMIUM COMPOUNDS | N078 | 6 |
| CARBON DISULFIDE | 75-15-0 | 1 |
| CARBON TETRACHLORIDE | 56-23-5 | 1 |
| CATECHOL | 120-80-9 | 3 |
| CHLORDANE | 57-74-9 | 2 |
| CHLORINE | 7782-50-5 | 11 |
| CHLOROACETIC ACID | 79-11-8 | 2 |
| CHLOROBENZENE | 108-90-7 | 2 |
| CHLORODIFLUOROMETHANE [HCFC-22] | 75-45-6 | 7 |
| CHLOROETHANE | 75-00-3 | 3 |
| CHLOROFORM | 67-66-3 | 4 |
| CHLOROMETHANE | 74-87-3 | 2 |
| CHLOROPHENOLS | N084 | 1 |
| CHROMIUM | 7440-47-3 | 25 |
| CHROMIUM COMPOUNDS | N090 | 32 |

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Number of Substance Reports for 2001

| Substance Name | CAS # | # of Reports |
|-------------------------------------|------------|--------------|
| COBALT | 7440-48-4 | 7 |
| COBALT COMPOUNDS | N096 | 13 |
| COPPER | 7440-50-8 | 42 |
| COPPER COMPOUNDS [WITH EXCEPTIONS] | N100 | 28 |
| CREOSOTE | 8001-58-9 | 2 |
| CRESOL (MIXED ISOMERS) | 1319-77-3 | 4 |
| CUMENE | 98-82-8 | 16 |
| CUMENE HYDROPEROXIDE | 80-15-9 | 1 |
| CYANIDE COMPOUNDS | N106 | 3 |
| CYCLOHEXANE | 110-82-7 | 24 |
| CYCLOHEXANOL | 108-93-0 | 1 |
| DECABROMODIPHENYL OXIDE | 1163-19-5 | 5 |
| DI(2-ETHYLHEXYL) PHTHALATE [DEHP] | 117-81-7 | 11 |
| DIBUTYL PHTHALATE | 84-74-2 | 9 |
| DICHLOROBENZENE (MIXED ISOMERS) | 25321-22-6 | 1 |
| DICHLORODIFLUOROMETHANE [CFC-12] | 75-71-8 | 4 |
| DICHLOROMETHANE | 75-09-2 | 16 |
| DICHLOROTETRAFLUOROETHANE [CFC-114] | 76-14-2 | 1 |
| DICYCLOPENTADIENE | 77-73-6 | 1 |
| DIETHANOLAMINE | 111-42-2 | 15 |
| DIETHYL SULFATE | 64-67-5 | 5 |
| DIGLYCIDYL RESORCINOL ETHER | 101-90-6 | 2 |
| DIISOCYANATES | N120 | 17 |
| DIMETHYLAMINE | 124-40-3 | 2 |
| DIMETHYLCARBAMYL CHLORIDE | 79-44-7 | 1 |
| DIMETHYL PHTHALATE | 131-11-3 | 3 |
| DIMETHYL SULFATE | 77-78-1 | 2 |
| DIOXIN AND DIOXIN-LIKE COMPOUNDS | N150 | 19 |
| EPICHLOROHYDRIN | 106-89-8 | 3 |
| ETHYL ACRYLATE | 140-88-5 | 7 |
| ETHYLBENZENE | 100-41-4 | 51 |
| ETHYLENE | 74-85-1 | 8 |
| ETHYLENE GLYCOL | 107-21-1 | 39 |
| ETHYLENE OXIDE | 75-21-8 | 5 |
| ETHYLENE THIOUREA | 96-45-7 | 1 |
| FORMALDEHYDE | 50-00-0 | 18 |
| FORMIC ACID | 64-18-6 | 14 |
| FREON 113 | 76-13-1 | 3 |
| GLYCOL ETHERS (EXCEPT SURFACTANTS) | N230 | 66 |
| HEPTACHLOR | 76-44-8 | 1 |
| HEXACHLORO-1,3-BUTADIENE | 87-68-3 | 1 |

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Number of Substance Reports for 2001

| Substance Name | CAS # | # of Reports |
|--|-----------|--------------|
| HEXACHLOROBENZENE | 118-74-1 | 3 |
| HEXACHLOROETHANE | 67-72-1 | 2 |
| HYDRAZINE | 302-01-2 | 4 |
| HYDROCHLORIC ACID | 7647-01-0 | 29 |
| HYDROGEN FLUORIDE | 7664-39-3 | 17 |
| HYDROQUINONE | 123-31-9 | 3 |
| ISOBUTYRALDEHYDE | 78-84-2 | 2 |
| ISODRIN | 465-73-6 | 1 |
| ISOPROPYL ALCOHOL (MFG-STRONG ACID PROCE | 67-63-0 | 1 |
| LEAD | 7439-92-1 | 72 |
| LEAD COMPOUNDS | N420 | 85 |
| LITHIUM CARBONATE | 554-13-2 | 1 |
| MALEIC ANHYDRIDE | 108-31-6 | 13 |
| MANGANESE | 7439-96-5 | 14 |
| MANGANESE COMPOUNDS | N450 | 23 |
| M-CRESOL | 108-39-4 | 1 |
| M-DINITROBENZENE | 99-65-0 | 1 |
| MERCURY | 7439-97-6 | 10 |
| MERCURY COMPOUNDS | N458 | 17 |
| METHANOL | 67-56-1 | 80 |
| METHOXYCHLOR | 72-43-5 | 1 |
| METHYL ACRYLATE | 96-33-3 | 6 |
| METHYL ETHYL KETONE | 78-93-3 | 59 |
| METHYL ISOBUTYL KETONE | 108-10-1 | 41 |
| METHYL METHACRYLATE | 80-62-6 | 16 |
| METHYL TERT-BUTYL ETHER | 1634-04-4 | 21 |
| MOLYBDENUM TRIOXIDE | 1313-27-5 | 6 |
| MONOCHLOROPENTAFLUOROETHANE [CFC-115] | 76-15-3 | 2 |
| NAPHTHALENE | 91-20-3 | 23 |
| N-BUTYL ALCOHOL | 71-36-3 | 42 |
| N-HEXANE | 110-54-3 | 44 |
| NICKEL | 7440-02-0 | 23 |
| NICKEL COMPOUNDS | N495 | 21 |
| NITRATE COMPOUNDS (WATER DISSOCIABLE) | N511 | 42 |
| NITRIC ACID | 7697-37-2 | 35 |
| NITROBENZENE | 98-95-3 | 2 |
| NITROFEN | 1836-75-5 | 1 |
| N-METHYL-2-PYRROLIDONE | 872-50-4 | 15 |
| N-METHYLOLACRYLAMIDE | 924-42-5 | 6 |
| N,N-DIMETHYLANILINE | 121-69-7 | 1 |
| N,N-DIMETHYLFORMAMIDE | 68-12-2 | 9 |

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Number of Substance Reports for 2001

| Substance Name | CAS # | # of Reports |
|----------------------------------|------------|--------------|
| O-CRESOL | 95-48-7 | 1 |
| O-DINITROBENZENE | 528-29-0 | 1 |
| O-TOLUIDINE | 95-53-4 | 1 |
| O-XYLENE | 95-47-6 | 6 |
| OZONE | 10028-15-6 | 1 |
| P-CRESIDINE | 120-71-8 | 1 |
| P-CRESOL | 106-44-5 | 1 |
| P-DINITROBENZENE | 100-25-4 | 1 |
| PENDIMETHALIN | 40487-42-1 | 1 |
| PENTACHLOROBENZENE | 608-93-5 | 2 |
| PENTACHLOROPHENOL (PCP) | 87-86-5 | 1 |
| PENTOBARBITAL SODIUM | 57-33-0 | 1 |
| PERACETIC ACID | 79-21-0 | 1 |
| PERMETHRIN | 52645-53-1 | 1 |
| PHENOL | 108-95-2 | 11 |
| PHENOTHRIN | 26002-80-2 | 1 |
| PHOSGENE | 75-44-5 | 1 |
| PHOSPHORUS | 7723-14-0 | 2 |
| PHTHALIC ANHYDRIDE | 85-44-9 | 11 |
| PICRIC ACID | 88-89-1 | 1 |
| P-NITROANILINE | 100-01-6 | 2 |
| POLYCHLORINATED ALKANES | N583 | 1 |
| POLYCHLORINATED BIPHENYLS (PCBS) | 1336-36-3 | 3 |
| POLYCYCLIC AROMATIC COMPOUNDS | N590 | 69 |
| P-PHENYLENEDIAMINE | 106-50-3 | 2 |
| PROPARGYL ALCOHOL | 107-19-7 | 1 |
| PROPIONALDEHYDE | 123-38-6 | 1 |
| PROPYLENEIMINE | 75-55-8 | 1 |
| PROPYLENE OXIDE | 75-56-9 | 5 |
| PROPYLENE [PROPENE] | 115-07-1 | 9 |
| PYRIDINE | 110-86-1 | 2 |
| QUINTOZENE | 82-68-8 | 1 |
| SEC-BUTYL ALCOHOL | 78-92-2 | 6 |
| SILVER | 7440-22-4 | 3 |
| SILVER COMPOUNDS | N740 | 3 |
| SODIUM AZIDE (NA[N3]) | 26628-22-8 | 1 |
| SODIUM NITRITE | 7632-00-0 | 17 |
| SODIUM O-PHENYLPHENOXIDE | 132-27-4 | 1 |
| STYRENE | 100-42-5 | 22 |
| SULFURIC ACID | 7664-93-9 | 21 |
| TERT-BUTYL ALCOHOL | 75-65-0 | 12 |

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Number of Substance Reports for 2001

| Substance Name | CAS # | # of Reports |
|---|--------------|--------------|
| TETRACHLOROETHYLENE [PERCHLOROETHYLENE] | 127-18-4 | 6 |
| TETRACHLORVINPHOS | 961-11-5 | 1 |
| THALLIUM COMPOUNDS | N760 | 1 |
| THIRAM | 137-26-8 | 2 |
| TITANIUM TETRACHLORIDE | 7550-45-0 | 2 |
| TOLUENE | 108-88-3 | 109 |
| TOLUENE-2,4-DIISOCYANATE | 584-84-9 | 1 |
| TOLUENE DIISOCYANATE (MIXED ISOMERS) | 26471-62-5 | 7 |
| TOXAPHENE [CAMPHECHLOR] | 8001-35-2 | 1 |
| TRIBUTYLTIN METHACRYLATE | 2155-70-6 | 1 |
| TRICHLOROETHYLENE | 79-01-6 | 11 |
| TRICHLOROFLUOROMETHANE [CFC-11] | 75-69-4 | 4 |
| TRIETHYLAMINE | 121-44-8 | 5 |
| TRIFLURALIN | 1582-09-8 | 1 |
| URETHANE | 51-79-6 | 1 |
| VANADIUM COMPOUNDS | N770 | 9 |
| VANADIUM (EXCEPT WHEN IN AN ALLOY) | 7440-62-2 | 2 |
| VINYL ACETATE | 108-05-4 | 11 |
| VINYL CHLORIDE | 75-01-4 | 3 |
| VINYLDENE CHLORIDE | 75-35-4 | 3 |
| XYLENE (MIXED ISOMERS) | 1330-20-7 | 97 |
| ZINC COMPOUNDS | N982 | 78 |
| ZINC (FUME OR DUST) | 7440-66-6 | 8 |
| | TOTAL | 2,363 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|-----------|---|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 71-55-6 | 1,1,1-TRICHLOROETHANE | 10.0 | 1.0 | 6.0 | 0.0 | 0.0 | 17.0 | 0.0 | 0.0 | 0.0 | 3.0 | 4.0 | 7.0 |
| 79-00-5 | 1,1,2-TRICHLOROETHANE | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 1717-00-6 | 1,1-DICHLORO-1-FLUOROETHANE (HCFC-141B) | 11,842.0 | 13,901.0 | 0.0 | 0.0 | 0.0 | 25,743.0 | 0.0 | 70,464.0 | 0.0 | 112.0 | 841.0 | 71,417.0 |
| 120-82-1 | 1,2,4-TRICHLOROBENZENE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 115.0 | 64.0 | 0.0 | 179.0 |
| 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 117,023.0 | 40,048.0 | 18.0 | 0.0 | 0.0 | 157,089.0 | 26,365.0 | 113,432.0 | 131,878.2 | 24,788.0 | 10,130.0 | 306,593.2 |
| 106-88-7 | 1,2-BUTYLENE OXIDE | 1.0 | 28.0 | 0.0 | 0.0 | 0.0 | 29.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95-50-1 | 1,2-DICHLOROBENZENE | 858.0 | 249.0 | 14.0 | 0.0 | 542.0 | 1,663.0 | 0.0 | 0.0 | 0.0 | 27,879.0 | 440,537.0 | 468,416.0 |
| 107-06-2 | 1,2-DICHLOROETHANE | 10.0 | 1.0 | 0.0 | 0.0 | 0.0 | 11.0 | 2.0 | 0.0 | 525.0 | 67.0 | 2.0 | 596.0 |
| 540-59-0 | 1,2-DICHLOROETHYLENE | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 78-87-5 | 1,2-DICHLOROPROPANE | 56,802.0 | 6,650.0 | 20.0 | 0.0 | 0.0 | 63,472.0 | 0.0 | 0.0 | 63,610.0 | 74,355.0 | 137.0 | 138,102.0 |
| 95-54-5 | 1,2-PHENYLENEDIAMINE | 154.0 | 3.0 | 68.0 | 0.0 | 10.0 | 235.0 | 0.0 | 0.0 | 0.0 | 54,444.0 | 0.0 | 54,444.0 |
| 106-99-0 | 1,3-BUTADIENE | 101.0 | 7,549.0 | 48.0 | 0.0 | 0.0 | 7,698.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4080-31-3 | 1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-ZONIAA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 417.0 | 0.0 | 0.0 | 0.0 | 0.0 | 417.0 |
| 541-73-1 | 1,3-DICHLOROBENZENE | 9.0 | 1.0 | 0.0 | 0.0 | 0.0 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 542-75-6 | 1,3-DICHLOROPROPYLENE | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 108-45-2 | 1,3-PHENYLENEDIAMINE | 1,205.0 | 34.0 | 535.0 | 0.0 | 77.0 | 1,851.0 | 99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 99.0 |
| 106-46-7 | 1,4-DICHLOROBENZENE | 10.0 | 1.0 | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 75-68-3 | 1-CHLORO-1,1-DIFLUOROETHANE [HCFC-142B] | 1,313.0 | 216.0 | 0.0 | 0.0 | 0.0 | 1,529.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 306-83-2 | 2,2-DICHLORO-1,1,1-TRIFLUOROETHANE | 9,594.0 | 12,679.0 | 0.0 | 0.0 | 0.0 | 22,273.0 | 2,329.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,329.0 |
| 95-95-4 | 2,4,5-TRICHLOROPHENOL | 151.0 | 1.0 | 3,493.0 | 0.0 | 82.0 | 3,727.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 3.0 |
| 88-06-2 | 2,4,6-TRICHLOROPHENOL | 4.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 94-75-7 | 2,4-D [(2,4-DICHLOROPHENOXY)ACETIC ACI | 1.0 | 0.0 | 0.0 | 0.0 | 114.0 | 115.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 51-28-5 | 2,4-DINITROPHENOL | 0.0 | 0.0 | 250.0 | 0.0 | 557.0 | 807.0 | 0.0 | 0.0 | 0.0 | 0.0 | 70.0 | 70.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|------------|--|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 121-14-2 | 2,4-DINITROTOLUENE | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 2837-89-0 | 2-CHLORO-1,1,1,2-TETRAFLUOROETHANE | 0.0 | 18,858.0 | 0.0 | 0.0 | 0.0 | 18,858.0 | 0.0 | 0.0 | 0.0 | 3,228.0 | 0.0 | 3,228.0 |
| 110-80-5 | 2-ETHOXYETHANOL | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 149-30-4 | 2-MERCAPTOBENZOTHAZOLE [MBT] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 | 7.0 |
| 109-86-4 | 2-METHOXYETHANOL | 253.0 | 2.0 | 2,616.0 | 0.0 | 861.0 | 3,732.0 | 46,678.0 | 0.0 | 0.0 | 0.0 | 0.0 | 46,678.0 |
| 79-46-9 | 2-NITROPROPANE | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 612-83-9 | 3,3'-DICHLOROBENZIDINE DIHYDROCHLORIDE | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 3.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 20325-40-0 | 3,3-DIMETHOXYBENZIDINE DIHYDROCHLORIDE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55406-53-6 | 3-IODO-2-PROPYNYL BUTYLCARBAMATE | 10.0 | 44.0 | 0.0 | 0.0 | 0.0 | 54.0 | 6,300.0 | 0.0 | 0.0 | 0.0 | 6,910.0 | 13,210.0 |
| 80-05-7 | 4,4-ISOPROPYLDENEDIPHENOL | 48.0 | 5.0 | 0.0 | 0.0 | 0.0 | 53.0 | 33.0 | 0.0 | 5,826.0 | 1.0 | 132,139.0 | 137,999.0 |
| 101-14-4 | 4,4-METHYLENEBIS(2-CHLOROANILINE) | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100-02-7 | 4-NITROPHENOL | 0.0 | 0.0 | 53.0 | 0.0 | 233.0 | 286.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.0 | 31.0 |
| 99-55-8 | 5-NITRO-O-TOLUIDINE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75-07-0 | ACETALDEHYDE | 1,705.0 | 5.0 | 8.0 | 0.0 | 0.0 | 1,718.0 | 0.0 | 0.0 | 24.0 | 101.0 | 0.0 | 125.0 |
| 75-05-8 | ACETONITRILE | 5,153.0 | 4,071.0 | 292.0 | 0.0 | 139.0 | 9,655.0 | 9,916.0 | 2,000.0 | 575,087.0 | 88,180.0 | 0.0 | 675,183.0 |
| 98-86-2 | ACETOPHENONE | 88.0 | 9.0 | 0.0 | 0.0 | 0.0 | 97.0 | 3.0 | 0.0 | 50,555.0 | 0.0 | 0.0 | 50,558.0 |
| 79-06-1 | ACRYLAMIDE | 18.0 | 169.0 | 0.0 | 0.0 | 0.0 | 187.0 | 25.0 | 0.0 | 14.0 | 197.0 | 0.0 | 236.0 |
| 79-10-7 | ACRYLIC ACID | 265.0 | 209.0 | 7.0 | 0.0 | 1.0 | 482.0 | 632.0 | 0.0 | 1,073.0 | 190.0 | 0.0 | 1,895.0 |
| 107-13-1 | ACRYLONITRILE | 414.0 | 640.0 | 1.0 | 0.0 | 0.0 | 1,055.0 | 1.0 | 0.0 | 19.0 | 2,514.0 | 6.0 | 2,540.0 |
| 309-00-2 | ALDRIN | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107-18-6 | ALLYL ALCOHOL | 72.0 | 7.0 | 33.0 | 0.0 | 0.0 | 112.0 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| 107-05-1 | ALLYL CHLORIDE | 117.0 | 92.0 | 0.0 | 0.0 | 0.0 | 209.0 | 3.0 | 0.0 | 0.0 | 0.0 | 1,292.0 | 1,295.0 |
| 7429-90-5 | ALUMINUM (FUME OR DUST) | 238.0 | 8,035.0 | 0.0 | 0.0 | 0.0 | 8,273.0 | 0.0 | 0.0 | 0.0 | 0.0 | 665,330.0 | 665,330.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|-----------|--|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 7664-41-7 | AMMONIA | 1,085,878.0 | 78,510.0 | 165,616.0 | 0.0 | 0.0 | 1,330,004.0 | 118,061.0 | 3,990.0 | 3,541.0 | 71,584.0 | 7,468.0 | 204,644.0 |
| 62-53-3 | ANILINE (AND SALTS) | 1,557.0 | 111.0 | 0.0 | 0.0 | 100.0 | 1,768.0 | 13,196.0 | 0.0 | 0.0 | 0.0 | 90.0 | 13,286.0 |
| 7440-36-0 | ANTIMONY | 2.0 | 49.0 | 0.0 | 0.0 | 0.0 | 51.0 | 0.0 | 36,313.0 | 0.0 | 0.0 | 3.0 | 36,316.0 |
| N010 | ANTIMONY COMPOUNDS | 525.0 | 429.0 | 0.0 | 0.0 | 0.0 | 954.0 | 161.0 | 517.0 | 4,816.0 | 546.0 | 136,961.0 | 143,001.0 |
| 7440-38-2 | ARSENIC | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 8,919.0 | 8,919.0 |
| N020 | ARSENIC COMPOUNDS | 3,835.0 | 7.0 | 218.0 | 0.0 | 193.0 | 4,253.0 | 1.0 | 5,495.0 | 5.0 | 9.0 | 2,575.0 | 8,085.0 |
| 1332-21-4 | ASBESTOS (FRIABLE) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 117.0 | 117.0 |
| 7440-39-3 | BARIUM | 0.0 | 17.0 | 0.0 | 0.0 | 0.0 | 17.0 | 0.0 | 0.0 | 0.0 | 0.0 | 310.0 | 310.0 |
| N040 | BARIUM COMPOUNDS [EXCEPT BARIUM SULFATE] | 3,799.0 | 3,743.0 | 327.0 | 0.0 | 15,662.0 | 23,531.0 | 17,153.0 | 33,371.0 | 2,535.0 | 1,513.0 | 385,083.0 | 439,655.0 |
| 98-87-3 | BENZAL CHLORIDE | 42.0 | 201.0 | 0.0 | 0.0 | 0.0 | 243.0 | 0.0 | 0.0 | 508,669.0 | 79.0 | 1.0 | 508,749.0 |
| 71-43-2 | BENZENE | 37,074.0 | 51,145.0 | 596.0 | 0.0 | 8.0 | 88,823.0 | 114.0 | 31,871.0 | 697.0 | 1,962.0 | 763.0 | 35,407.0 |
| 191-24-2 | BENZO(G,H,I)PERYLENE | 24.1 | 2.3 | 0.1 | 0.0 | 0.0 | 26.5 | 0.0 | 36.2 | 0.1 | 1.5 | 7.4 | 45.1 |
| 98-07-7 | BENZOIC TRICHLORIDE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15,362.0 | 0.0 | 0.0 | 15,362.0 |
| 94-36-0 | BENZOYL PEROXIDE | 0.0 | 83.0 | 0.0 | 0.0 | 0.0 | 83.0 | 0.0 | 0.0 | 0.0 | 47.0 | 41.0 | 88.0 |
| 100-44-7 | BENZYL CHLORIDE | 1,481.0 | 1,050.0 | 40.0 | 0.0 | 0.0 | 2,571.0 | 0.0 | 0.0 | 584,678.0 | 2,684.0 | 1.0 | 587,363.0 |
| 92-52-4 | BIPHENYL | 0.0 | 807.0 | 717.0 | 0.0 | 0.0 | 1,524.0 | 0.0 | 0.0 | 0.0 | 3,375.0 | 0.0 | 3,375.0 |
| 56-35-9 | BIS(TRIBUTYLTIN) OXIDE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7726-95-6 | BROMINE | 1.0 | 103.0 | 0.0 | 0.0 | 0.0 | 104.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 74-83-9 | BROMOMETHANE | 2,244.0 | 92.0 | 0.0 | 0.0 | 0.0 | 2,336.0 | 14.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.0 |
| 141-32-2 | BUTYL ACRYLATE | 416.0 | 1,186.0 | 10.0 | 0.0 | 0.0 | 1,612.0 | 162.0 | 0.0 | 3,222.0 | 715.0 | 1,145.0 | 5,244.0 |
| 7440-43-9 | CADMIUM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,315.0 | 0.0 | 9.0 | 0.0 | 2,324.0 |
| N078 | CADMIUM COMPOUNDS | 28.0 | 10.0 | 2.0 | 0.0 | 0.0 | 40.0 | 11.0 | 15,108.0 | 108.0 | 534.0 | 39,504.0 | 55,265.0 |
| 75-15-0 | CARBON DISULFIDE | 38.0 | 0.0 | 1.0 | 0.0 | 7.0 | 46.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|-----------|------------------------------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 56-23-5 | CARBON TETRACHLORIDE | 5.0 | 1.0 | 0.0 | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| 120-80-9 | CATECHOL | 353.0 | 3.0 | 0.0 | 0.0 | 0.0 | 356.0 | 7,507.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7,507.0 |
| 57-74-9 | CHLORDANE | 5.2 | 1.0 | 80.0 | 0.0 | 432.0 | 518.2 | 0.0 | 0.0 | 0.0 | 0.0 | 50.3 | 50.3 |
| 7782-50-5 | CHLORINE | 16,415.0 | 173.0 | 482.0 | 0.0 | 0.0 | 17,070.0 | 15,900.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15,900.0 |
| 79-11-8 | CHLOROACETIC ACID | 130.0 | 1.0 | 0.0 | 0.0 | 0.0 | 131.0 | 27.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.0 |
| 108-90-7 | CHLOROBENZENE | 15.0 | 2.0 | 0.0 | 0.0 | 0.0 | 17.0 | 0.0 | 0.0 | 0.0 | 130.0 | 2.0 | 132.0 |
| 75-45-6 | CHLORODIFLUOROMETHANE [HCFC-22] | 24,527.0 | 76,034.0 | 0.0 | 0.0 | 0.0 | 100,561.0 | 0.0 | 0.0 | 0.0 | 392.0 | 320.0 | 712.0 |
| 75-00-3 | CHLOROETHANE | 10,682.0 | 43,160.0 | 3.0 | 0.0 | 0.0 | 53,845.0 | 0.0 | 2,409.0 | 3,037.0 | 4,694.0 | 46,907.0 | 57,047.0 |
| 67-66-3 | CHLOROFORM | 15,469.0 | 10,459.0 | 12.0 | 0.0 | 0.0 | 25,940.0 | 6,592.0 | 0.0 | 3,809.0 | 586.0 | 16.0 | 11,003.0 |
| 74-87-3 | CHLOROMETHANE | 36,747.0 | 1,092.0 | 70.0 | 0.0 | 10.0 | 37,919.0 | 0.0 | 0.0 | 0.0 | 129.0 | 8.0 | 137.0 |
| N084 | CHLOROPHENOLS | 1.0 | 18.0 | 0.0 | 0.0 | 0.0 | 19.0 | 308.0 | 0.0 | 0.0 | 0.0 | 0.0 | 308.0 |
| 7440-47-3 | CHROMIUM | 2,399.0 | 15.0 | 8.0 | 0.0 | 0.0 | 2,422.0 | 346.0 | 545,650.0 | 0.0 | 29,723.0 | 14,886.0 | 590,605.0 |
| N090 | CHROMIUM COMPOUNDS | 2,213.0 | 1,900.0 | 1,394.0 | 0.0 | 12,556.0 | 18,063.0 | 5,810.5 | 27,140.0 | 533.0 | 20,101.0 | 167,655.2 | 221,239.7 |
| 7440-48-4 | COBALT | 1,211.0 | 3.0 | 0.0 | 0.0 | 0.0 | 1,214.0 | 287.0 | 392,595.0 | 0.0 | 0.0 | 5,409.0 | 398,291.0 |
| N096 | COBALT COMPOUNDS | 593.0 | 108.0 | 25.0 | 0.0 | 1,256.0 | 1,982.0 | 326.0 | 11,858.0 | 0.0 | 91.0 | 21,900.0 | 34,175.0 |
| 7440-50-8 | COPPER | 8,067.0 | 7,326.0 | 149.0 | 1.4 | 0.0 | 15,543.4 | 619.6 | 6,573,371.8 | 0.0 | 13,098.0 | 76,632.5 | 6,663,721.9 |
| N100 | COPPER COMPOUNDS [WITH EXCEPTIONS] | 1,197.0 | 251.0 | 5,599.0 | 0.0 | 18,057.0 | 25,104.0 | 660.0 | 80,597.0 | 4,089.0 | 929.0 | 156,209.0 | 242,484.0 |
| 8001-58-9 | CREOSOTE | 348.0 | 388.0 | 0.0 | 0.0 | 0.0 | 736.0 | 2,302.0 | 0.0 | 2,168.0 | 0.0 | 0.0 | 4,470.0 |
| 1319-77-3 | CRESOL (MIXED ISOMERS) | 938.0 | 437.0 | 200.0 | 0.0 | 96.0 | 1,671.0 | 63.0 | 0.0 | 0.0 | 16,600.0 | 0.0 | 16,663.0 |
| 98-82-8 | CUMENE | 70,956.0 | 45,145.0 | 5.0 | 0.0 | 0.0 | 116,106.0 | 301.0 | 2,076.0 | 23,140.0 | 891.0 | 35.0 | 26,443.0 |
| 80-15-9 | CUMENE HYDROPEROXIDE | 87.0 | 5.0 | 0.0 | 0.0 | 0.0 | 92.0 | 0.0 | 0.0 | 225.0 | 0.0 | 0.0 | 225.0 |
| N106 | CYANIDE COMPOUNDS | 34,708.0 | 91.0 | 1,887.0 | 0.0 | 2,374.0 | 39,060.0 | 0.0 | 0.0 | 0.0 | 1,162.0 | 2,819.0 | 3,981.0 |
| 110-82-7 | CYCLOHEXANE | 29,774.0 | 30,400.0 | 56.0 | 0.0 | 0.0 | 60,230.0 | 0.0 | 5,450.0 | 66,251.0 | 73,753.0 | 126.0 | 145,580.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|------------|-------------------------------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 108-93-0 | CYCLOHEXANOL | 5.0 | 5.0 | 0.0 | 0.0 | 0.0 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1163-19-5 | DECABROMODIPHENYL OXIDE | 71.0 | 26.0 | 0.0 | 0.0 | 0.0 | 97.0 | 56.0 | 0.0 | 0.0 | 3,165.0 | 84,846.0 | 88,067.0 |
| 117-81-7 | DI(2-ETHYLHEXYL) PHTHALATE [DEHP] | 12,741.0 | 509.0 | 0.0 | 0.0 | 662.0 | 13,912.0 | 0.0 | 0.0 | 3,582.0 | 13,959.0 | 2,290.0 | 19,831.0 |
| 84-74-2 | DIBUTYL PHTHALATE | 16.1 | 243.0 | 2.0 | 0.0 | 0.0 | 261.1 | 174.0 | 0.0 | 38,516.0 | 800.0 | 1.0 | 39,491.0 |
| 25321-22-6 | DICHLOROBENZENE (MIXED ISOMERS) | 4.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75-71-8 | DICHLORODIFLUOROMETHANE [CFC-12] | 35,887.0 | 13,131.0 | 0.0 | 0.0 | 0.0 | 49,018.0 | 0.0 | 0.0 | 0.0 | 114,302.0 | 0.0 | 114,302.0 |
| 75-09-2 | DICHLOROMETHANE | 107,694.0 | 34,153.0 | 0.0 | 1.0 | 0.0 | 141,848.0 | 73,774.0 | 217,562.0 | 247,256.0 | 302,464.0 | 70.0 | 841,126.0 |
| 76-14-2 | DICHLOROTETRAFLUOROETHANE [CFC-114] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77-73-6 | DICYCLOPENTADIENE | 113.0 | 28.0 | 0.0 | 0.0 | 0.0 | 141.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 111-42-2 | DIETHANOLAMINE | 565.0 | 587.0 | 98.0 | 0.0 | 0.0 | 1,250.0 | 834.0 | 0.0 | 2,384.0 | 374.0 | 1,077.0 | 4,669.0 |
| 64-67-5 | DIETHYL SULFATE | 50.0 | 20.0 | 0.0 | 0.0 | 0.0 | 70.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 |
| 101-90-6 | DIGLYCIDYL RESORCINOL ETHER | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 961.0 | 0.0 | 1,067.0 | 0.0 | 0.0 | 2,028.0 |
| N120 | DIISOCYANATES | 636.1 | 745.0 | 0.0 | 0.0 | 0.0 | 1,381.1 | 0.0 | 150.0 | 9,161.0 | 16,777.0 | 19,833.0 | 45,921.0 |
| 124-40-3 | DIMETHYLAMINE | 46.0 | 17.0 | 0.0 | 0.0 | 0.0 | 63.0 | 458.0 | 0.0 | 0.0 | 0.0 | 0.0 | 458.0 |
| 79-44-7 | DIMETHYLCARBAMYL CHLORIDE | 97.0 | 3.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 131-11-3 | DIMETHYL PHTHALATE | 12.0 | 1.0 | 0.0 | 0.0 | 0.0 | 13.0 | 7.0 | 0.0 | 0.0 | 500.0 | 1.0 | 508.0 |
| 77-78-1 | DIMETHYL SULFATE | 12.0 | 0.0 | 1.0 | 0.0 | 0.0 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| N150 | DIOXIN AND DIOXIN-LIKE COMPOUNDS | 7.7 | 0.6 | 0.3 | 0.0 | 2.0 | 10.6 | 0.1 | 2.2 | 0.0 | 9.1 | 38.3 | 49.8 |
| 106-89-8 | EPICHLOROHYDRIN | 2,969.0 | 900.0 | 7,596.0 | 0.0 | 26.0 | 11,491.0 | 49,794.0 | 0.0 | 0.0 | 0.0 | 0.0 | 49,794.0 |
| 140-88-5 | ETHYL ACRYLATE | 492.0 | 1,701.0 | 0.0 | 0.0 | 0.0 | 2,193.0 | 9.0 | 0.0 | 199.0 | 4,305.0 | 307.0 | 4,820.0 |
| 100-41-4 | ETHYLBENZENE | 61,721.0 | 40,629.0 | 294.0 | 0.0 | 662.0 | 103,306.0 | 67.0 | 111,036.0 | 492,043.0 | 281,107.0 | 22,088.0 | 906,341.0 |
| 74-85-1 | ETHYLENE | 27,760.0 | 39,881.0 | 0.0 | 0.0 | 0.0 | 67,641.0 | 13.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.0 |
| 107-21-1 | ETHYLENE GLYCOL | 8,400.0 | 14,723.0 | 13,969.0 | 0.0 | 10.0 | 37,102.0 | 1,689,421.0 | 145,208.0 | 6,105.0 | 116,738.0 | 13,185.0 | 1,970,657.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|-----------|--|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 75-21-8 | ETHYLENE OXIDE | 952.0 | 3,370.0 | 0.0 | 0.0 | 0.0 | 4,322.0 | 9,503.0 | 0.0 | 0.0 | 3.0 | 0.0 | 9,506.0 |
| 96-45-7 | ETHYLENE THIOUREA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3,894.0 | 0.0 | 3,894.0 |
| 50-00-0 | FORMALDEHYDE | 15,788.0 | 444.0 | 4.0 | 0.0 | 0.0 | 16,236.0 | 11,597.0 | 0.0 | 2,722.0 | 1,301.0 | 6,050.0 | 21,670.0 |
| 64-18-6 | FORMIC ACID | 248.0 | 1,500.0 | 346.0 | 0.0 | 0.0 | 2,094.0 | 16.0 | 0.0 | 0.0 | 648.0 | 109.0 | 773.0 |
| 76-13-1 | FREON 113 | 831.0 | 3.0 | 5,508.0 | 0.0 | 36.0 | 6,378.0 | 0.0 | 0.0 | 4.0 | 0.0 | 0.0 | 4.0 |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 158,138.2 | 88,410.0 | 180,907.0 | 0.0 | 40,512.0 | 467,967.2 | 565,381.0 | 31,736.0 | 324,304.0 | 30,277.0 | 99,995.0 | 1,051,693.0 |
| 76-44-8 | HEPTACHLOR | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| 87-68-3 | HEXACHLORO-1,3-BUTADIENE | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 118-74-1 | HEXACHLOROBENZENE | 9.4 | 29.0 | 48.0 | 0.0 | 582.0 | 668.4 | 0.0 | 0.0 | 0.0 | 1,833.0 | 74.6 | 1,907.6 |
| 67-72-1 | HEXACHLOROETHANE | 6.0 | 1.0 | 0.0 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 302-01-2 | HYDRAZINE | 101.0 | 33.0 | 0.0 | 0.0 | 0.0 | 134.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7647-01-0 | HYDROCHLORIC ACID | 6,139,191.0 | 15,121.0 | 0.0 | 0.0 | 0.0 | 6,154,312.0 | 5.0 | 13,395.0 | 0.0 | 0.0 | 7,546.0 | 20,946.0 |
| 7664-39-3 | HYDROGEN FLUORIDE | 268,809.0 | 1,136.0 | 0.0 | 0.0 | 0.0 | 269,945.0 | 13.0 | 0.0 | 0.0 | 19,656.0 | 0.0 | 19,669.0 |
| 123-31-9 | HYDROQUINONE | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 665.0 | 665.0 |
| 78-84-2 | ISOBUTYRALDEHYDE | 2,542.0 | 7.0 | 0.0 | 0.0 | 0.0 | 2,549.0 | 0.0 | 0.0 | 0.0 | 63.0 | 0.0 | 63.0 |
| 465-73-6 | ISODRIN | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67-63-0 | ISOPROPYL ALCOHOL (MFG-STRONG ACID PROCE | 91.0 | 3,500.0 | 0.0 | 0.0 | 0.0 | 3,591.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7439-92-1 | LEAD | 2,458.6 | 243.8 | 6.0 | 0.0 | 0.0 | 2,708.3 | 209.6 | 1,925,329.9 | 1,000.0 | 548.4 | 53,971.2 | 1,985,217.1 |
| N420 | LEAD COMPOUNDS | 4,395.8 | 170.1 | 787.0 | 0.0 | 10,214.0 | 15,566.9 | 141.0 | 12,693,344.0 | 678.0 | 389,849.1 | 573,610.6 | 13,657,622.7 |
| 554-13-2 | LITHIUM CARBONATE | 10.0 | 5.0 | 0.0 | 0.0 | 0.0 | 15.0 | 0.0 | 0.0 | 0.0 | 0.0 | 200.0 | 200.0 |
| 108-31-6 | MALEIC ANHYDRIDE | 686.0 | 803.0 | 0.0 | 0.0 | 0.0 | 1,489.0 | 140.0 | 0.0 | 18.0 | 13,992.0 | 563.0 | 14,713.0 |
| 7439-96-5 | MANGANESE | 1,213.0 | 8.0 | 0.0 | 0.0 | 0.0 | 1,221.0 | 40.0 | 39,566.0 | 0.0 | 3,952.0 | 12,158.0 | 55,716.0 |
| N450 | MANGANESE COMPOUNDS | 2,855.0 | 1,106.0 | 2,182.0 | 0.0 | 19,084.0 | 25,227.0 | 486.0 | 526,606.0 | 37.0 | 45.0 | 572,257.0 | 1,099,431.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|-----------|---------------------------------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 108-39-4 | M-CRESOL | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 99-65-0 | M-DINITROBENZENE | 307.0 | 9.0 | 412.0 | 0.0 | 0.0 | 728.0 | 0.0 | 0.0 | 0.0 | 280.0 | 0.0 | 280.0 |
| 7439-97-6 | MERCURY | 275.1 | 0.8 | 0.0 | 0.0 | 0.0 | 275.8 | 0.6 | 1,653.0 | 2.0 | 7.8 | 154.0 | 1,817.4 |
| N458 | MERCURY COMPOUNDS | 480.9 | 0.2 | 12.3 | 0.0 | 74.0 | 567.4 | 0.2 | 2,170.0 | 0.0 | 45.2 | 337.0 | 2,552.4 |
| 67-56-1 | METHANOL | 352,301.0 | 85,895.0 | 1,218.0 | 1.0 | 76.0 | 439,491.0 | 12,653,466.0 | 998,753.0 | 5,951,675.0 | 727,798.0 | 2,515.0 | 20,334,207.0 |
| 72-43-5 | METHOXYCHLOR | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| 96-33-3 | METHYL ACRYLATE | 1,094.0 | 722.0 | 0.0 | 0.0 | 0.0 | 1,816.0 | 43.0 | 0.0 | 22,623.0 | 61.0 | 0.0 | 22,727.0 |
| 78-93-3 | METHYL ETHYL KETONE | 275,265.0 | 90,689.0 | 211.0 | 0.0 | 60.0 | 366,225.0 | 10.0 | 479,101.0 | 984,877.0 | 245,882.0 | 45,602.0 | 1,755,472.0 |
| 108-10-1 | METHYL ISOBUTYL KETONE | 192,946.0 | 39,107.0 | 4,394.0 | 0.0 | 216.0 | 236,663.0 | 31,476.0 | 885,573.0 | 658,638.0 | 68,978.0 | 11,235.0 | 1,655,900.0 |
| 80-62-6 | METHYL METHACRYLATE | 7,402.0 | 2,051.0 | 0.0 | 0.0 | 7.0 | 9,460.0 | 145.0 | 0.0 | 121,147.0 | 2,612.0 | 2.0 | 123,906.0 |
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 304,670.0 | 60,460.0 | 7,280.0 | 0.0 | 0.0 | 372,410.0 | 3.0 | 9,930.0 | 139.0 | 6,367.0 | 7,124.0 | 23,563.0 |
| 1313-27-5 | MOLYBDENUM TRIOXIDE | 453.0 | 9.0 | 0.0 | 0.0 | 687.0 | 1,149.0 | 0.0 | 66,859.0 | 62.0 | 20.0 | 136.0 | 67,077.0 |
| 76-15-3 | MONOCHLOROPENTAFLUOROETHANE [CFC-115] | 1,952.0 | 108,195.0 | 0.0 | 0.0 | 0.0 | 110,147.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 91-20-3 | NAPHTHALENE | 17,181.0 | 18,304.0 | 655.0 | 0.0 | 4.0 | 36,144.0 | 0.0 | 92,557.0 | 144,787.0 | 15,184.0 | 5,409.0 | 257,937.0 |
| 71-36-3 | N-BUTYL ALCOHOL | 177,910.0 | 19,722.0 | 1,538.0 | 0.0 | 430.0 | 199,600.0 | 32,025.0 | 85,567.0 | 220,501.0 | 59,262.0 | 5,142.0 | 402,497.0 |
| 110-54-3 | N-HEXANE | 92,363.0 | 129,794.0 | 77.0 | 0.0 | 0.0 | 222,234.0 | 5.0 | 122,609.0 | 24,487.0 | 19,533.0 | 2,005.0 | 168,639.0 |
| 7440-02-0 | NICKEL | 6,503.0 | 15.0 | 2.0 | 0.0 | 0.0 | 6,520.0 | 1,907.0 | 463,395.0 | 0.0 | 0.0 | 81,996.0 | 547,298.0 |
| N495 | NICKEL COMPOUNDS | 5,673.0 | 143.0 | 8,715.0 | 0.0 | 10,383.0 | 24,914.0 | 7,106.0 | 53,204.0 | 56.0 | 331.0 | 27,550.2 | 88,247.2 |
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 7.0 | 9,782.0 | 3,089,514.0 | 0.0 | 0.0 | 3,099,303.0 | 5,655,570.0 | 366,659.0 | 0.0 | 44,213.0 | 134,195.0 | 6,200,637.0 |
| 7697-37-2 | NITRIC ACID | 13,177.0 | 19,893.0 | 579.0 | 0.0 | 0.0 | 33,649.0 | 14,722.0 | 9,926.0 | 0.0 | 498,102.0 | 4,674.0 | 527,424.0 |
| 98-95-3 | NITROBENZENE | 1,475.0 | 42.0 | 100.0 | 0.0 | 180.0 | 1,797.0 | 0.0 | 0.0 | 0.0 | 15.0 | 6.0 | 21.0 |
| 1836-75-5 | NITROFEN | 500.0 | 1.0 | 0.0 | 0.0 | 0.0 | 501.0 | 0.0 | 200.0 | 0.0 | 0.0 | 5,500.0 | 5,700.0 |
| 872-50-4 | N-METHYL-2-PYRROLIDONE | 1,977.0 | 821.0 | 0.0 | 0.0 | 0.0 | 2,798.0 | 100.0 | 91,634.0 | 125,489.0 | 35,104.0 | 822.0 | 253,149.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|------------|-------------------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 924-42-5 | N-METHYLOLACRYLAMIDE | 37.0 | 286.0 | 10.0 | 0.0 | 0.0 | 333.0 | 173.0 | 0.0 | 0.0 | 156.0 | 10.0 | 339.0 |
| 121-69-7 | N,N-DIMETHYLANILINE | 0.0 | 14.0 | 0.0 | 0.0 | 0.0 | 14.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 68-12-2 | N,N-DIMETHYLFORMAMIDE | 10,116.0 | 4,601.0 | 0.0 | 0.0 | 0.0 | 14,717.0 | 101,628.0 | 0.0 | 3,402,084.0 | 28,731.0 | 0.0 | 3,532,443.0 |
| 95-48-7 | O-CRESOL | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 528-29-0 | O-DINITROBENZENE | 39.0 | 1.0 | 53.0 | 0.0 | 0.0 | 93.0 | 0.0 | 13,902.0 | 0.0 | 36.0 | 0.0 | 13,938.0 |
| 95-53-4 | O-TOLUIDINE | 80.0 | 132.0 | 0.0 | 0.0 | 0.0 | 212.0 | 0.0 | 0.0 | 0.0 | 108.0 | 0.0 | 108.0 |
| 95-47-6 | O-XYLENE | 298.0 | 52.0 | 0.0 | 0.0 | 0.0 | 350.0 | 3,785.0 | 40,040.0 | 31,372.0 | 6,525.0 | 0.0 | 81,722.0 |
| 10028-15-6 | OZONE | 1.0 | 48.0 | 0.0 | 0.0 | 0.0 | 49.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120-71-8 | P-CRESIDINE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 106-44-5 | P-CRESOL | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 100-25-4 | P-DINITROBENZENE | 11.0 | 0.0 | 72.0 | 0.0 | 0.0 | 83.0 | 0.0 | 3,791.0 | 0.0 | 10.0 | 0.0 | 3,801.0 |
| 40487-42-1 | PENDIMETHALIN | 0.0 | 0.0 | 171.0 | 0.0 | 370.0 | 541.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 608-93-5 | PENTACHLOROBENZENE | 60.2 | 0.0 | 0.0 | 0.0 | 0.0 | 60.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87-86-5 | PENTACHLOROPHENOL (PCP) | 4.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 3.0 |
| 57-33-0 | PENTOBARBITAL SODIUM | 28.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.0 | 0.0 | 0.0 | 6,507.0 | 328.0 | 0.0 | 6,835.0 |
| 79-21-0 | PERACETIC ACID | 2.0 | 248.0 | 0.0 | 0.0 | 0.0 | 250.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52645-53-1 | PERMETHRIN | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 108-95-2 | PHENOL | 59,455.0 | 2,863.0 | 368.0 | 0.0 | 9,932.0 | 72,618.0 | 207,076.0 | 0.0 | 32,552.0 | 1,241.5 | 7,365.0 | 248,234.5 |
| 26002-80-2 | PHENOTHRIN | 10.0 | 10.0 | 0.0 | 0.0 | 0.0 | 20.0 | 2,237.0 | 0.0 | 0.0 | 17,260.0 | 0.0 | 19,497.0 |
| 75-44-5 | PHOSGENE | 2,407.0 | 73.0 | 0.0 | 0.0 | 0.0 | 2,480.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7723-14-0 | PHOSPHORUS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 200.0 | 0.0 | 0.0 | 5,500.0 | 5,700.0 |
| 85-44-9 | PHTHALIC ANHYDRIDE | 4,337.0 | 1,598.0 | 0.0 | 0.0 | 0.0 | 5,935.0 | 5.0 | 0.0 | 22,049.0 | 9,988.0 | 1,515.0 | 33,557.0 |
| 88-89-1 | PICRIC ACID | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|------------|---|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| 100-01-6 | P-NITROANILINE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| N583 | POLYCHLORINATED ALKANES | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,823.0 | 2,886.0 | 0.0 | 4,709.0 |
| 1336-36-3 | POLYCHLORINATED BIPHENYLS (PCBS) | 0.1 | 0.5 | 0.0 | 0.0 | 0.0 | 0.6 | 0.8 | 0.0 | 0.0 | 0.0 | 20.5 | 21.3 |
| N590 | POLYCYCLIC AROMATIC COMPOUNDS | 2,242.7 | 798.4 | 35.8 | 0.0 | 756.0 | 3,832.8 | 0.0 | 813.1 | 1.7 | 143.9 | 386.6 | 1,345.2 |
| 106-50-3 | P-PHENYLENEDIAMINE | 43.0 | 1.0 | 19.0 | 0.0 | 6.0 | 69.0 | 595.0 | 0.0 | 0.0 | 0.0 | 0.0 | 595.0 |
| 107-19-7 | PROPARGYL ALCOHOL | 149.0 | 37.0 | 0.0 | 0.0 | 0.0 | 186.0 | 55.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55.0 |
| 123-38-6 | PROPIONALDEHYDE | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75-55-8 | PROPYLENEIMINE | 56.0 | 15.0 | 3.0 | 0.0 | 0.0 | 74.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 3.0 |
| 75-56-9 | PROPYLENE OXIDE | 2,265.0 | 1,279.0 | 0.0 | 0.0 | 0.0 | 3,544.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115-07-1 | PROPYLENE [PROPENE] | 39,482.0 | 57,545.0 | 0.0 | 0.0 | 0.0 | 97,027.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 |
| 110-86-1 | PYRIDINE | 25.0 | 4.0 | 0.0 | 0.0 | 0.0 | 29.0 | 0.0 | 0.0 | 58.0 | 318.0 | 1.0 | 377.0 |
| 82-68-8 | QUINTOZENE | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 78-92-2 | SEC-BUTYL ALCOHOL | 8,471.0 | 10,364.0 | 316.0 | 0.0 | 0.0 | 19,151.0 | 0.0 | 0.0 | 344,876.0 | 211,772.0 | 0.0 | 556,648.0 |
| 7440-22-4 | SILVER | 5.0 | 8.0 | 0.0 | 0.0 | 0.0 | 13.0 | 1.0 | 3,659.0 | 0.0 | 0.0 | 0.0 | 3,660.0 |
| N740 | SILVER COMPOUNDS | 500.0 | 0.0 | 0.0 | 0.0 | 0.0 | 500.0 | 25.0 | 96.0 | 0.0 | 0.0 | 0.0 | 121.0 |
| 26628-22-8 | SODIUM AZIDE (NA[N3]) | 1.0 | 10.0 | 0.0 | 0.0 | 0.0 | 11.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7632-00-0 | SODIUM NITRITE | 836.0 | 4,930.0 | 96,603.0 | 0.0 | 4.0 | 102,373.0 | 120,859.0 | 0.0 | 488.0 | 96.0 | 50.0 | 121,493.0 |
| 132-27-4 | SODIUM O-PHENYLPHENOXIDE | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100-42-5 | STYRENE | 164,277.0 | 6,941.0 | 200.0 | 0.0 | 0.0 | 171,418.0 | 156.0 | 554.0 | 14,742.0 | 10,382.0 | 139.0 | 25,973.0 |
| 7664-93-9 | SULFURIC ACID | 526,506.0 | 3,190.0 | 0.0 | 0.0 | 0.0 | 529,696.0 | 2,080.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2,080.0 |
| 75-65-0 | TERT-BUTYL ALCOHOL | 5,207.0 | 4,205.0 | 4,117.0 | 0.0 | 44.0 | 13,573.0 | 31,400.0 | 774.0 | 50,749.0 | 231,992.0 | 270.0 | 315,185.0 |
| 127-18-4 | TETRACHLOROETHYLENE [PERCHLOROETHYLENE] | 3,054.0 | 2,274.0 | 1.0 | 0.0 | 0.0 | 5,329.0 | 0.0 | 20,343.0 | 0.0 | 1,306.0 | 3.0 | 21,652.0 |
| 961-11-5 | TETRACHLORVINPHOS | 85.0 | 10.0 | 0.0 | 0.0 | 0.0 | 95.0 | 408.0 | 0.0 | 0.0 | 799.0 | 0.0 | 1,207.0 |

Substance Releases & Transfers for 2001

| CAS # | 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 | Off-Site Transfers |
|-------------|--------------------------------------|---------------------|------------------------|-------------------------|------------------------|-----------------------|------------------|----------------|----------------------------|----------------------------------|----------------------------|---------------------------|--------------------|
| N760 | THALLIUM COMPOUNDS | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1,140.0 | 1,140.0 |
| 137-26-8 | THIRAM | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 5,192.0 | 0.0 | 5,192.0 |
| 7550-45-0 | TITANIUM TETRACHLORIDE | 838.0 | 1,362.0 | 0.0 | 0.0 | 0.0 | 2,200.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 108-88-3 | TOLUENE | 429,716.0 | 462,272.0 | 841.0 | 1.0 | 304.0 | 893,134.0 | 5,874.0 | 398,855.0 | 8,173,016.0 | 490,163.0 | 33,820.0 | 9,101,728.0 |
| 584-84-9 | TOLUENE-2,4-DIISOCYANATE | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26471-62-5 | TOLUENE DIISOCYANATE (MIXED ISOMERS) | 151.0 | 541.0 | 0.0 | 0.0 | 0.0 | 692.0 | 0.0 | 0.0 | 0.0 | 31.0 | 9,255.0 | 9,286.0 |
| 8001-35-2 | TOXAPHENE [CAMPHECHLOR] | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 |
| 2155-70-6 | TRIBUTYLTIN METHACRYLATE | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 6,779.0 | 0.0 | 0.0 | 0.0 | 6,779.0 |
| 79-01-6 | TRICHLOROETHYLENE | 6,325.0 | 100,118.0 | 1.0 | 0.0 | 0.0 | 106,444.0 | 817.0 | 278,668.0 | 15,798.0 | 8,147.0 | 3.0 | 303,433.0 |
| 75-69-4 | TRICHLOROFLUOROMETHANE [CFC-11] | 10,525.0 | 27,743.0 | 0.0 | 0.0 | 20.0 | 38,288.0 | 0.0 | 0.0 | 0.0 | 306,507.0 | 4.0 | 306,511.0 |
| 121-44-8 | TRIETHYLAMINE | 3,994.0 | 5,443.0 | 24.0 | 0.0 | 56.0 | 9,517.0 | 0.0 | 0.0 | 5,653.0 | 58,380.0 | 0.0 | 64,033.0 |
| 1582-09-8 | TRIFLURALIN | 16.0 | 0.0 | 1.0 | 0.0 | 8.0 | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 51-79-6 | URETHANE | 0.0 | 14.0 | 0.0 | 0.0 | 0.0 | 14.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| N770 | VANADIUM COMPOUNDS | 2,920.0 | 1,418.0 | 23,154.0 | 0.0 | 4,774.0 | 32,266.0 | 0.0 | 25,939.0 | 0.0 | 1.0 | 22,309.0 | 48,249.0 |
| 7440-62-2 | VANADIUM (EXCEPT WHEN IN AN ALLOY) | 62.0 | 1.0 | 0.0 | 0.0 | 0.0 | 63.0 | 1,751.0 | 0.0 | 0.0 | 433.0 | 6.0 | 2,190.0 |
| 108-05-4 | VINYL ACETATE | 36,563.0 | 9,952.0 | 0.0 | 0.0 | 0.0 | 46,515.0 | 50,106.0 | 589.0 | 25,860.0 | 1,165.0 | 2,773.0 | 80,493.0 |
| 75-01-4 | VINYL CHLORIDE | 23,267.0 | 7,178.0 | 36.0 | 0.0 | 0.0 | 30,481.0 | 0.0 | 0.0 | 0.0 | 219.0 | 21.0 | 240.0 |
| 75-35-4 | VINYLDENE CHLORIDE | 10.0 | 1.0 | 0.0 | 0.0 | 24.0 | 35.0 | 0.0 | 0.0 | 0.0 | 5,400.0 | 6.0 | 5,406.0 |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 454,777.7 | 209,084.0 | 1,756.0 | 0.0 | 912.0 | 666,529.7 | 1,007.8 | 671,627.0 | 2,331,919.0 | 717,951.0 | 205,750.0 | 3,928,254.8 |
| N982 | ZINC COMPOUNDS | 18,733.3 | 2,841.0 | 18,718.0 | 0.0 | 139,250.0 | 179,542.3 | 4,008.0 | 1,688,506.0 | 12,716.0 | 270,876.0 | 1,970,708.0 | 3,946,814.0 |
| 7440-66-6 | ZINC (FUME OR DUST) | 9,677.0 | 9.0 | 0.0 | 0.0 | 0.0 | 9,686.0 | 166.0 | 4,952,640.0 | 0.0 | 9,693.0 | 9,196.0 | 4,971,695.0 |
| Sum: | | 11,740,517 | 2,246,445 | 3,657,915 | 4 | 293,734 | 17,938,615 | 21,616,630 | 35,497,559 | 25,911,434 | 5,964,057 | 6,409,010 | 95,402,848 |

Top Tens (NPO)

Top 10 Substances Generated as Nonproduct Output in 2001

| CAS Number | Substance Name | NPO | % of Total |
|-----------------------|---------------------------------------|--------------------|-----------------|
| 7647-01-0 | HYDROCHLORIC ACID | 63,476,733 | 22.52 % |
| 67-56-1 | METHANOL | 30,377,601 | 10.78 % |
| 108-88-3 | TOLUENE | 24,276,309 | 8.61 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 15,642,499 | 5.55 % |
| 7664-41-7 | AMMONIA | 14,989,452 | 5.32 % |
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 12,321,459 | 4.37 % |
| 7697-37-2 | NITRIC ACID | 12,320,908 | 4.37 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 9,993,037 | 3.55 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 9,682,791 | 3.44 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 9,641,373 | 3.42 % |
| Sum of Top 10: | | 202,722,162 | 71.92 % |
| Sum Other: | | 79,140,400 | 28.08 % |
| Sum All: | | 281,862,562 | 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 | 48,269,309 | 17.13 % |
| SAFETY-KLEEN INC (LOGAN TOWNSHIP) | GLOUCESTER | 17,269,085 | 6.13 % |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 14,927,204 | 5.30 % |
| DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK) | MIDDLESEX | 12,325,801 | 4.37 % |
| MERCK & CO INC (RAHWAY) | UNION | 11,990,561 | 4.25 % |
| INFINEUM USA (LINDEN) | UNION | 8,446,292 | 3.00 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 7,765,534 | 2.76 % |
| GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE) | MIDDLESEX | 7,722,319 | 2.74 % |
| ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE) | HUDSON | 6,858,950 | 2.43 % |
| GERDAU AMERISTEEL (PERTH AMBOY) | MIDDLESEX | 5,699,906 | 2.02 % |
| Sum of Top Ten: | | 141,274,961 | 50.12 % |
| Sum Other: | | 140,587,601 | 49.88 % |
| Sum All: | | 281,862,562 | 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 |
| DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK) | MIDDLESEX | LEAD & COMPOUNDS | 12,236,999 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | AMMONIA | 7,907,190 |
| GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE) | MIDDLESEX | NITRIC ACID | 7,632,493 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 7,335,016 |
| INFINEUM USA (LINDEN) | UNION | HYDROCHLORIC ACID | 7,112,371 |
| ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE) | HUDSON | HYDROCHLORIC ACID | 6,306,906 |
| MERCK & CO INC (RAHWAY) | UNION | TOLUENE | 6,006,577 |
| GERDAU AMERISTEEL (PERTH AMBOY) | MIDDLESEX | ZINC & COMPOUNDS | 4,956,844 |
| SAFETY-KLEEN INC (LOGAN TOWNSHIP) | GLOUCESTER | METHANOL | 4,050,731 |

Top Tens (Releases)

Top 10 Substances Released On-Site in 2001

| CAS Number | Substance Name | On-Site Releases | % of Total |
|------------------------|---------------------------------------|-------------------|-----------------|
| 7647-01-0 | HYDROCHLORIC ACID | 6,154,312 | 34.31 % |
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 3,099,303 | 17.28 % |
| 7664-41-7 | AMMONIA | 1,330,004 | 7.41 % |
| 108-88-3 | TOLUENE | 893,134 | 4.98 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 666,530 | 3.72 % |
| 7664-93-9 | SULFURIC ACID | 529,696 | 2.95 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 467,967 | 2.61 % |
| 67-56-1 | METHANOL | 439,491 | 2.45 % |
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 372,410 | 2.08 % |
| 78-93-3 | METHYL ETHYL KETONE | 366,225 | 2.04 % |
| Sum of Top Ten: | | 14,319,072 | 79.82 % |
| Sum Other: | | 3,619,543 | 20.18 % |
| Sum All: | | 17,938,615 | 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 | 3,333,269 | 18.58 % |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 2,325,306 | 12.96 % |
| PSEG FOSSIL LLC (HAMILTON) | MERCER | 2,320,471 | 12.94 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 1,674,347 | 9.33 % |
| CONECTIV (PENNSVILLE) | SALEM | 548,040 | 3.06 % |
| CONECTIV (BEESLEYS POINT) | CAPE MAY | 496,571 | 2.77 % |
| FORD MOTOR COMPANY (EDISON) | MIDDLESEX | 429,325 | 2.39 % |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | 394,087 | 2.20 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 342,010 | 1.91 % |
| MALLINCKRODT BAKER INC (PHILLIPSBURG) | WARREN | 285,613 | 1.59 % |
| Sum of Top Ten: | | 12,149,038 | 67.73 % |
| Sum Other: | | 5,789,577 | 32.27 % |
| Sum All: | | 17,938,615 | 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 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 1,900,000 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 804,612 |
| CONECTIV (PENNSVILLE) | SALEM | HYDROCHLORIC ACID | 523,617 |
| CONECTIV (BEESLEYS POINT) | CAPE MAY | HYDROCHLORIC ACID | 271,931 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 222,980 |
| MALLINCKRODT BAKER INC (PHILLIPSBURG) | WARREN | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 217,922 |
| COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY) | UNION | AMMONIA | 210,798 |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | TOLUENE | 200,346 |

Top Tens (Air Emissions)

Top 10 Substances for Total Air Emissions in 2001

| CAS Number | Substance Name | Total Air Emissions | % of Total |
|------------------------|------------------------------------|---------------------|-----------------|
| 7647-01-0 | HYDROCHLORIC ACID | 6,154,312 | 44.00 % |
| 7664-41-7 | AMMONIA | 1,164,388 | 8.32 % |
| 108-88-3 | TOLUENE | 891,988 | 6.38 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 663,862 | 4.75 % |
| 7664-93-9 | SULFURIC ACID | 529,696 | 3.79 % |
| 67-56-1 | METHANOL | 438,196 | 3.13 % |
| 78-93-3 | METHYL ETHYL KETONE | 365,954 | 2.62 % |
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 365,130 | 2.61 % |
| 7664-39-3 | HYDROGEN FLUORIDE | 269,945 | 1.93 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 246,548 | 1.76 % |
| Sum of Top Ten: | | 11,090,019 | 79.29 % |
| Sum Other: | | 2,896,943 | 20.71 % |
| Sum All: | | 13,986,962 | 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 | 3,294,470 | 23.55 % |
| PSEG FOSSIL LLC (HAMILTON) | MERCER | 2,317,723 | 16.57 % |
| CONECTIV (PENNSVILLE) | SALEM | 548,040 | 3.92 % |
| CONECTIV (BEESLEYS POINT) | CAPE MAY | 495,046 | 3.54 % |
| FORD MOTOR COMPANY (EDISON) | MIDDLESEX | 429,325 | 3.07 % |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 403,436 | 2.88 % |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | 388,971 | 2.78 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 327,075 | 2.34 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 249,629 | 1.78 % |
| GENERAL MOTORS CORPORATION (LINDEN) | UNION | 221,842 | 1.59 % |
| Sum of Top Ten: | | 8,675,556 | 62.03 % |
| Sum Other: | | 5,311,406 | 37.97 % |
| Sum All: | | 13,986,962 | 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 |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | TOLUENE | 200,331 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 172,545 |
| FORD MOTOR COMPANY (EDISON) | MIDDLESEX | XYLENE (MIXED ISOMERS) | 167,013 |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | METHANOL | 160,414 |
| SGPPL-MICKLETON (MICKLETON) | GLOUCESTER | AMMONIA | 156,914 |

Top Tens (Stack Air Emissions)

Top 10 Substances for Stack Air Emissions in 2001

| CAS Number | Substance Name | Stack Air Emissions | % of Total |
|------------------------|-------------------------|---------------------|-----------------|
| 7647-01-0 | HYDROCHLORIC ACID | 6,139,191 | 52.29 % |
| 7664-41-7 | AMMONIA | 1,085,878 | 9.25 % |
| 7664-93-9 | SULFURIC ACID | 526,506 | 4.48 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 454,778 | 3.87 % |
| 108-88-3 | TOLUENE | 429,716 | 3.66 % |
| 67-56-1 | METHANOL | 352,301 | 3.00 % |
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 304,670 | 2.60 % |
| 78-93-3 | METHYL ETHYL KETONE | 275,265 | 2.34 % |
| 7664-39-3 | HYDROGEN FLUORIDE | 268,809 | 2.29 % |
| 108-10-1 | METHYL ISOBUTYL KETONE | 192,946 | 1.64 % |
| Sum of Top Ten: | | 10,030,060 | 85.43 % |
| Sum Other: | | 1,710,458 | 14.57 % |
| Sum All: | | 11,740,517 | 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 | 3,294,088 | 28.06 % |
| PSEG FOSSIL LLC (HAMILTON) | MERCER | 2,317,218 | 19.74 % |
| CONECTIV (PENNSVILLE) | SALEM | 548,040 | 4.67 % |
| CONECTIV (BEESLEYS POINT) | CAPE MAY | 495,046 | 4.22 % |
| FORD MOTOR COMPANY (EDISON) | MIDDLESEX | 393,134 | 3.35 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 215,272 | 1.83 % |
| COGEN TECHNOLOGIES LINDEN VENTURE, L.P (LINDEN CITY) | UNION | 208,160 | 1.77 % |
| GENERAL MOTORS CORPORATION (LINDEN) | UNION | 207,480 | 1.77 % |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | 186,934 | 1.59 % |
| JOHNS MANVILLE CORPORATION (WINSLOW) | CAMDEN | 158,118 | 1.35 % |
| Sum of Top Ten: | | 8,023,489 | 68.34 % |
| Sum Other: | | 3,717,029 | 31.66 % |
| Sum All: | | 11,740,517 | 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 |
| 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 | 208,160 |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | METHANOL | 160,223 |
| SGPPL-MICKLETON (MICKLETON) | GLOUCESTER | AMMONIA | 156,914 |
| FORD MOTOR COMPANY (EDISON) | MIDDLESEX | XYLENE (MIXED ISOMERS) | 155,252 |
| PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY) | HUDSON | SULFURIC ACID | 145,739 |
| JOHNS MANVILLE CORPORATION (WINSLOW) | CAMDEN | AMMONIA | 142,567 |

Top Tens (Fugitive Air Emissions)

Top 10 Substances for Fugitive Air Emissions in 2001

| CAS Number | Substance Name | Fugitive Air Emissions | Percentage |
|------------------------|---------------------------------------|------------------------|-----------------|
| 108-88-3 | TOLUENE | 462,272 | 20.58 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 209,084 | 9.31 % |
| 110-54-3 | N-HEXANE | 129,794 | 5.78 % |
| 76-15-3 | MONOCHLOROPENTAFLUOROETHANE [CFC-115] | 108,195 | 4.82 % |
| 79-01-6 | TRICHLOROETHYLENE | 100,118 | 4.46 % |
| 78-93-3 | METHYL ETHYL KETONE | 90,689 | 4.04 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 88,410 | 3.94 % |
| 67-56-1 | METHANOL | 85,895 | 3.82 % |
| 7664-41-7 | AMMONIA | 78,510 | 3.49 % |
| 75-45-6 | CHLORODIFLUOROMETHANE [HCFC-22] | 76,034 | 3.38 % |
| Sum of Top Ten: | | 1,429,001 | 63.61 % |
| Sum Other: | | 817,444 | 36.39 % |
| Sum All: | | 2,246,445 | 100.00 % |

Top 10 Facilities for Fugitive Air Emissions in 2001

| Facility Name (City) | County | Fugitive Air Emissions | % of Total |
|---|------------|------------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 249,119 | 11.09 % |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | 202,037 | 8.99 % |
| CHEVRON PRODUCTS COMPANY (PERTH AMBOY) | MIDDLESEX | 156,965 | 6.99 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 141,917 | 6.32 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 111,803 | 4.98 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 90,139 | 4.01 % |
| API FOILS INC (RAHWAY) | UNION | 73,606 | 3.28 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 67,156 | 2.99 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 57,323 | 2.55 % |
| NATIONAL REFRIGERANTS, INC. (ROSENHAYN) | CUMBERLAND | 48,526 | 2.16 % |
| Sum of Top Ten: | | 1,198,591 | 53.36 % |
| Sum Other: | | 1,047,854 | 46.64 % |
| Sum All: | | 2,246,445 | 100.00 % |

Top 10 Individual Reports of Fugitive Air Emissions in 2001

| Facility Name (City) | County | Substance Name | Fugitive Air Emissions |
|---|------------|---------------------------------------|------------------------|
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | TOLUENE | 186,185 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | MONOCHLOROPENTAFLUOROETHANE [CFC-115] | 105,740 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 89,278 |
| CHEVRON PRODUCTS COMPANY (PERTH AMBOY) | MIDDLESEX | N-HEXANE | 73,410 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | PROPYLENE [PROPENE] | 55,000 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | TOLUENE | 47,000 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | XYLENE (MIXED ISOMERS) | 47,000 |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | CHLOROETHANE | 43,160 |
| API FOILS INC (RAHWAY) | UNION | METHYL ETHYL KETONE | 30,867 |
| SUN CHEMICAL CORP (NEWARK) | ESSEX | METHANOL | 29,560 |
| NATIONAL MANUFACTURING CO INC (CHATHAM) | MORRIS | TRICHLOROETHYLENE | 28,820 |

Top Tens (Fugitive Air Emissions)

Top 10 Substances Released via Fugitive Air in 2001

| CAS Number | Substance Name | Fugitive Air Emissions | % of Total |
|------------------------|---------------------------------------|------------------------|-----------------|
| 108-88-3 | TOLUENE | 462,272 | 20.58 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 209,084 | 9.31 % |
| 110-54-3 | N-HEXANE | 129,794 | 5.78 % |
| 76-15-3 | MONOCHLOROPENTAFLUOROETHANE [CFC-115] | 108,195 | 4.82 % |
| 79-01-6 | TRICHLOROETHYLENE | 100,118 | 4.46 % |
| 78-93-3 | METHYL ETHYL KETONE | 90,689 | 4.04 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 88,410 | 3.94 % |
| 67-56-1 | METHANOL | 85,895 | 3.82 % |
| 7664-41-7 | AMMONIA | 78,510 | 3.49 % |
| 75-45-6 | CHLORODIFLUOROMETHANE [HCFC-22] | 76,034 | 3.38 % |
| Sum of Top Ten: | | 1,429,001 | 63.61 % |
| Sum Other: | | 817,444 | 36.39 % |
| Sum All: | | 2,246,445 | 100.00 % |

Top 10 Fugitive Air Emitters in 2001

| Facility Name (City) | County | Fugitive Air Emissions | % of Total |
|---|------------|------------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 249,119 | 11.09 % |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | 202,037 | 8.99 % |
| CHEVRON PRODUCTS COMPANY (PERTH AMBOY) | MIDDLESEX | 156,965 | 6.99 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 141,917 | 6.32 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 111,803 | 4.98 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 90,139 | 4.01 % |
| API FOILS INC (RAHWAY) | UNION | 73,606 | 3.28 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 67,156 | 2.99 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 57,323 | 2.55 % |
| NATIONAL REFRIGERANTS, INC. (ROSENHAYN) | CUMBERLAND | 48,526 | 2.16 % |
| Sum of Top Ten: | | 1,198,591 | 53.36 % |
| Sum Other: | | 1,047,854 | 46.64 % |
| Sum All: | | 2,246,445 | 100.00 % |

Top 10 Individual Reports of Fugitive Air Emissions in 2001

| Facility Name (City) | County | Substance Name | Fugitive Air Emissions |
|---|------------|---------------------------------------|------------------------|
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | TOLUENE | 186,185 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | MONOCHLOROPENTAFLUOROETHANE [CFC-115] | 105,740 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 89,278 |
| CHEVRON PRODUCTS COMPANY (PERTH AMBOY) | MIDDLESEX | N-HEXANE | 73,410 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | PROPYLENE [PROPENE] | 55,000 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | TOLUENE | 47,000 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | XYLENE (MIXED ISOMERS) | 47,000 |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | CHLOROETHANE | 43,160 |
| API FOILS INC (RAHWAY) | UNION | METHYL ETHYL KETONE | 30,867 |
| SUN CHEMICAL CORP (NEWARK) | ESSEX | METHANOL | 29,560 |

Top Tens (Surface Water Discharges)

Top 10 Substances Discharged to Surface Water in 2001

| CAS Number | Substance Name | Surface Water Discharge | % of Total |
|------------------------|--|-------------------------|-----------------|
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 3,089,514 | 84.46 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 180,907 | 4.95 % |
| 7664-41-7 | AMMONIA | 165,616 | 4.53 % |
| 7632-00-0 | SODIUM NITRITE | 96,603 | 2.64 % |
| 7440-62-2 & N770 | VANADIUM & COMPOUNDS (EXCEPT WHEN IN AN ALLOY) | 23,154 | 0.63 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 18,718 | 0.51 % |
| 107-21-1 | ETHYLENE GLYCOL | 13,969 | 0.38 % |
| 7440-02-0 & N495 | NICKEL & COMPOUNDS | 8,717 | 0.24 % |
| 106-89-8 | EPICHLOROHYDRIN | 7,596 | 0.21 % |
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 7,280 | 0.20 % |
| Sum of Top Ten: | | 3,612,074 | 98.75 % |
| Sum Other: | | 45,841 | 1.25 % |
| Sum All: | | 3,657,915 | 100.00 % |

Top 10 Facilities for Surface Water Discharges in 2001

| Facility Name (City) | County | Surface Water Discharge | % of Total |
|--|------------|-------------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 1,921,870 | 52.54 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 1,180,215 | 32.26 % |
| MALLINCKRODT BAKER INC (PHILLIPSBURG) | WARREN | 221,427 | 6.05 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 123,133 | 3.37 % |
| REPAUNO PRODUCTS LLC (GREENWICH TWP) | GLOUCESTER | 108,211 | 2.96 % |
| COLORITE SPECIALTY RESINS (BURLINGTON) | BURLINGTON | 64,798 | 1.77 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 14,935 | 0.41 % |
| ROCHE VITAMINS INC. (WHITE TWP) | WARREN | 5,116 | 0.14 % |
| PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY) | HUDSON | 4,100 | 0.11 % |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 3,392 | 0.09 % |
| Sum of Top Ten: | | 3,647,197 | 99.71 % |
| Sum Other: | | 10,718 | 0.29 % |
| Sum All: | | 3,657,915 | 100.00 % |

Top 10 Individual Reports of Surface Water Discharges in 2001

| Facility Name (City) | County | Substance Name | Surface Water Discharge |
|--|------------|--|-------------------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 1,900,000 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 804,612 |
| MALLINCKRODT BAKER INC (PHILLIPSBURG) | WARREN | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 217,922 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 180,902 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | AMMONIA | 117,830 |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 102,560 |
| REPAUNO PRODUCTS LLC (GREENWICH TWP) | GLOUCESTER | SODIUM NITRITE | 91,241 |
| COLORITE SPECIALTY RESINS (BURLINGTON) | BURLINGTON | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 63,323 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | VANADIUM & COMPOUNDS (EXCEPT WHEN IN AN ALLOY) | 18,000 |
| REPAUNO PRODUCTS LLC (GREENWICH TWP) | GLOUCESTER | AMMONIA | 16,391 |

Top Ground Water Discharges

All Substances Discharged to Ground Water in 2001

| CAS Number | Substance Name | Ground Water Discharge |
|------------------|--------------------------------------|------------------------|
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 1.37 |
| 75-09-2 | DICHLOROMETHANE | 1.00 |
| 67-56-1 | METHANOL | 1.00 |
| 108-88-3 | TOLUENE | 1.00 |

All Facilities for Ground Water Discharges in 2001

| Facility Name (City) | County | Ground Water Discharge |
|--|-----------|------------------------|
| E R SQUIBB & SONS INC (NORTH BRUNSWICK TWP) | MIDDLESEX | 3.00 |
| UNITED STATES BRONZE POWDERS INC. (RARITAN TOWNSHIP) | HUNTERDON | 1.37 |

All Individual Reports of Ground Water Discharges in 2001

| Facility Name (City) | County | Substance Name | Ground Water Discharge |
|--|-----------|--------------------------|------------------------|
| UNITED STATES BRONZE POWDERS INC. (RARITAN TOWNSHIP) | HUNTERDON | COPPER & COMPOUNDS (WITH | 1.37 |
| E R SQUIBB & SONS INC (NORTH BRUNSWICK TWP) | MIDDLESEX | DICHLOROMETHANE | 1.00 |
| E R SQUIBB & SONS INC (NORTH BRUNSWICK TWP) | MIDDLESEX | METHANOL | 1.00 |
| E R SQUIBB & SONS INC (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 1.00 |

Top On-site Land Disposals

Top 10 Substances for On-site Land Disposal in 2001

| CAS Number | Substance Name | Land Disposal on-site | % of Total |
|------------------------|--|-----------------------|-----------------|
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 139,250 | 47.41 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 40,512 | 13.79 % |
| 7439-96-5 & N450 | MANGANESE & COMPOUNDS | 19,084 | 6.50 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 18,057 | 6.15 % |
| 7440-39-3 & N040 | BARIUM & COMPOUNDS | 15,662 | 5.33 % |
| 7440-47-3 & N090 | CHROMIUM & COMPOUNDS | 12,556 | 4.27 % |
| 7440-02-0 & N495 | NICKEL & COMPOUNDS | 10,383 | 3.53 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 10,214 | 3.48 % |
| 108-95-2 | PHENOL | 9,932 | 3.38 % |
| 7440-62-2 & N770 | VANADIUM & COMPOUNDS (EXCEPT WHEN IN AN ALLOY) | 4,774 | 1.63 % |
| Sum of Top Ten: | | 280,424 | 95.47 % |
| Sum Other: | | 13,310 | 4.53 % |
| Sum All: | | 293,734 | 100.00 % |

All Facilities Reporting On-site Land Disposal in 2001

| Facility Name (City) | County | Land Disposal on-site |
|---|-----------|-----------------------|
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 236,161 |
| PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY) | HUDSON | 34,699 |
| 3 M CORPORATION (MONTGOMERY TWP) | SOMERSET | 11,402 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 3,096 |
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | 30 |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 4 |

Top 10 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 | ZINC & COMPOUNDS | 132,458 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 40,512 |
| PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY) | HUDSON | BARIUM & COMPOUNDS | 15,662 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 15,305 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | MANGANESE & COMPOUNDS | 10,726 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | PHENOL | 9,932 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | LEAD & COMPOUNDS | 9,650 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | NICKEL & COMPOUNDS | 7,912 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | CHROMIUM & COMPOUNDS | 6,868 |
| 3 M CORPORATION (MONTGOMERY TWP) | SOMERSET | MANGANESE & COMPOUNDS | 6,248 |

Top Tens (Transferred Off-site)

Top 10 Substances Transferred Off-site in 2001

| CAS Number | Substance Name | Off-Site Transfers | % of Total |
|------------------------|---------------------------------------|--------------------|-----------------|
| 67-56-1 | METHANOL | 20,334,207 | 21.31 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 15,642,840 | 16.40 % |
| 108-88-3 | TOLUENE | 9,101,728 | 9.54 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 8,918,509 | 9.35 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 6,906,206 | 7.24 % |
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 6,200,637 | 6.50 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 3,928,255 | 4.12 % |
| 68-12-2 | N,N-DIMETHYLFORMAMIDE | 3,532,443 | 3.70 % |
| 107-21-1 | ETHYLENE GLYCOL | 1,970,657 | 2.07 % |
| 78-93-3 | METHYL ETHYL KETONE | 1,755,472 | 1.84 % |
| Sum of Top Ten: | | 78,290,953 | 82.06 % |
| Sum Other: | | 17,111,894 | 17.94 % |
| Sum All: | | 95,402,848 | 100.00 % |

Top 10 Facilities with Off-site Transfers in 2001

| Facility Name (City) | County | Off-Site Transfers | % of Total |
|---|------------|--------------------|-----------------|
| DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK) | MIDDLESEX | 12,272,816 | 12.86 % |
| MERCK & CO INC (RAHWAY) | UNION | 9,923,958 | 10.40 % |
| GERDAU AMERISTEEL (PERTH AMBOY) | MIDDLESEX | 5,695,227 | 5.97 % |
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | 5,625,911 | 5.90 % |
| FAIRMOUNT CHEMICAL CO. (NEWARK) | ESSEX | 3,937,956 | 4.13 % |
| FERRO CORP (SOUTH PLAINFIELD) | MIDDLESEX | 3,300,539 | 3.46 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 3,066,947 | 3.21 % |
| GRIFFIN PIPE PRODUCTS CO. (FLORENCE) | BURLINGTON | 2,404,772 | 2.52 % |
| CHEM-FLEUR INC (NEWARK CITY) | ESSEX | 2,326,341 | 2.44 % |
| PENICK CORPORATION (NEWARK) | ESSEX | 1,782,426 | 1.87 % |
| Sum of Top Ten: | | 50,336,893 | 52.76 % |
| Sum Other: | | 45,065,955 | 47.24 % |
| Sum All: | | 95,402,848 | 100.00 % |

Top 10 Individual Reports of Off-site Transfers in 2001

| Facility Name (City) | County | Substance Name | Off-Site Transfers |
|--|-----------|---------------------------------------|--------------------|
| DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK) | MIDDLESEX | LEAD & COMPOUNDS | 12,236,500 |
| GERDAU AMERISTEEL (PERTH AMBOY) | MIDDLESEX | ZINC & COMPOUNDS | 4,952,640 |
| MERCK & CO INC (RAHWAY) | UNION | TOLUENE | 4,664,321 |
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 4,025,835 |
| FAIRMOUNT CHEMICAL CO. (NEWARK) | ESSEX | METHANOL | 3,836,328 |
| MERCK & CO INC (RAHWAY) | UNION | N,N-DIMETHYLFORMAMIDE | 3,413,001 |
| FERRO CORP (SOUTH PLAINFIELD) | MIDDLESEX | METHANOL | 3,102,132 |
| CHEM-FLEUR INC (NEWARK CITY) | ESSEX | METHANOL | 2,326,322 |
| PENICK CORPORATION (NEWARK) | ESSEX | METHANOL | 1,782,426 |
| PHELPS DODGE SPECIALTY COPPER PRODUCTS (ELIZABETH) | UNION | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 1,773,138 |

Top Tens (POTW Discharges)

Top 10 Substances Discharged to POTWs in 2001

| CAS Number | Substance Name | POTW Discharge | % of Total |
|------------------------|---------------------------------------|-------------------|-----------------|
| 67-56-1 | METHANOL | 12,653,466 | 58.54 % |
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 5,655,570 | 26.16 % |
| 107-21-1 | ETHYLENE GLYCOL | 1,689,421 | 7.82 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 565,381 | 2.62 % |
| 108-95-2 | PHENOL | 207,076 | 0.96 % |
| 7632-00-0 | SODIUM NITRITE | 120,859 | 0.56 % |
| 7664-41-7 | AMMONIA | 118,061 | 0.55 % |
| 68-12-2 | N,N-DIMETHYLFORMAMIDE | 101,628 | 0.47 % |
| 75-09-2 | DICHLOROMETHANE | 73,774 | 0.34 % |
| 108-05-4 | VINYL ACETATE | 50,106 | 0.23 % |
| Sum of Top Ten: | | 21,235,342 | 98.24 % |
| Sum Other: | | 381,288 | 1.76 % |
| Sum All: | | 21,616,630 | 100.00 % |

Top Ten Facilities Discharging to POTWs in 2001

| Facility Name (City) | County | POTW Discharge | % of Total |
|--|-----------|-------------------|-----------------|
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | 5,624,241 | 26.02 % |
| FAIRMOUNT CHEMICAL CO. (NEWARK) | ESSEX | 3,937,956 | 18.22 % |
| FERRO CORP (SOUTH PLAINFIELD) | MIDDLESEX | 3,252,572 | 15.05 % |
| PENICK CORPORATION (NEWARK) | ESSEX | 1,782,426 | 8.25 % |
| SUN CHEMICAL CORP (NEWARK) | ESSEX | 1,400,000 | 6.48 % |
| TROY CHEMICAL CORP INC. (NEWARK) | ESSEX | 645,522 | 2.99 % |
| HOFFMANN LA ROCHE INC (NUTLEY) | ESSEX | 492,883 | 2.28 % |
| PFISTER CHEMICAL INC (RIDGEFIELD) | BERGEN | 434,137 | 2.01 % |
| MERCK & CO INC (RAHWAY) | UNION | 316,423 | 1.46 % |
| AKCROS CHEMICALS AMERICA (NEW BRUNSWICK) | MIDDLESEX | 312,363 | 1.45 % |
| Sum of Top Ten: | | 18,198,523 | 84.19 % |
| Sum Other: | | 3,418,107 | 15.81 % |
| Sum All: | | 21,616,630 | 100.00 % |

Top 10 Individual Reports of POTW Discharges in 2001

| Facility Name (City) | County | Substance Name | POTW Discharge |
|--|-----------|---------------------------------------|----------------|
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 4,025,835 |
| FAIRMOUNT CHEMICAL CO. (NEWARK) | ESSEX | METHANOL | 3,836,328 |
| FERRO CORP (SOUTH PLAINFIELD) | MIDDLESEX | METHANOL | 3,102,132 |
| PENICK CORPORATION (NEWARK) | ESSEX | METHANOL | 1,782,426 |
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | ETHYLENE GLYCOL | 1,422,774 |
| SUN CHEMICAL CORP (NEWARK) | ESSEX | METHANOL | 1,400,000 |
| TROY CHEMICAL CORP INC. (NEWARK) | ESSEX | METHANOL | 631,848 |
| PFISTER CHEMICAL INC (RIDGEFIELD) | BERGEN | METHANOL | 369,940 |
| AKCROS CHEMICALS AMERICA (NEW BRUNSWICK) | MIDDLESEX | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 265,687 |
| HOFFMANN LA ROCHE INC (NUTLEY) | ESSEX | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 259,046 |

Top Tens (Off-site Transfers for Recycling)

Top 10 Substances Transferred Off-site for Recycling in 2001

| CAS Number | Substance Name | Waste Transfer - Recycling | % of Total |
|------------------------|--------------------------------------|----------------------------|-----------------|
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 14,618,674 | 41.18 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 6,653,969 | 18.74 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 6,641,146 | 18.71 % |
| 67-56-1 | METHANOL | 998,753 | 2.81 % |
| 108-10-1 | METHYL ISOBUTYL KETONE | 885,573 | 2.49 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 671,627 | 1.89 % |
| 7440-47-3 & N090 | CHROMIUM & COMPOUNDS | 572,790 | 1.61 % |
| 7439-96-5 & N450 | MANGANESE & COMPOUNDS | 566,172 | 1.59 % |
| 7440-02-0 & N495 | NICKEL & COMPOUNDS | 516,599 | 1.46 % |
| 78-93-3 | METHYL ETHYL KETONE | 479,101 | 1.35 % |
| Sum of Top Ten: | | 32,604,404 | 91.85 % |
| Sum Other: | | 2,893,155 | 8.15 % |
| Sum All: | | 35,497,559 | 100.00 % |

Top 10 Facilities Transferring Off-site for Recycling in 2001

| Facility Name (City) | County | Waste Transfer - Recycling | % of Total |
|--|-----------|----------------------------|-----------------|
| DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK) | MIDDLESEX | 12,271,808 | 34.57 % |
| GERDAU AMERISTEEL (PERTH AMBOY) | MIDDLESEX | 5,695,227 | 16.04 % |
| PHELPS DODGE SPECIALTY COPPER PRODUCTS (ELIZABETH) | UNION | 1,773,651 | 5.00 % |
| HUSSEY FABRICATED PRODUCTS (KENILWORTH) | UNION | 1,410,000 | 3.97 % |
| THE OKONITE CO, INC (PATERSON) | PASSAIC | 1,384,307 | 3.90 % |
| HOFFMANN LA ROCHE INC (NUTLEY) | ESSEX | 1,227,680 | 3.46 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 838,450 | 2.36 % |
| NEW JERSEY GALVANIZING & TINNING WORKS (NEWARK) | ESSEX | 762,192 | 2.15 % |
| ATLANTIC BATTERY CORP. (PATERSON) | PASSAIC | 672,111 | 1.89 % |
| INTERNATIONAL PAINT, INC. (UNION) | UNION | 648,762 | 1.83 % |
| Sum of Top Ten: | | 26,684,188 | 75.17 % |
| Sum Other: | | 8,813,371 | 24.83 % |
| Sum All: | | 35,497,559 | 100.00 % |

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

| Facility Name (City) | County | Substance Name | Waste Transfer - Recycling |
|--|-----------|--------------------------------------|----------------------------|
| DELPHI AUTOMOTIVE SYSTEMS (NEW BRUNSWICK) | MIDDLESEX | LEAD & COMPOUNDS | 12,235,495 |
| GERDAU AMERISTEEL (PERTH AMBOY) | MIDDLESEX | ZINC & COMPOUNDS | 4,952,640 |
| PHELPS DODGE SPECIALTY COPPER PRODUCTS (ELIZABETH) | UNION | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 1,771,336 |
| HUSSEY FABRICATED PRODUCTS (KENILWORTH) | UNION | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 1,410,000 |
| THE OKONITE CO, INC (PATERSON) | PASSAIC | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 999,598 |
| HOFFMANN LA ROCHE INC (NUTLEY) | ESSEX | METHANOL | 901,426 |
| NEW JERSEY GALVANIZING & TINNING WORKS (NEWARK) | ESSEX | ZINC & COMPOUNDS | 756,094 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | METHYL ISOBUTYL KETONE | 722,358 |
| ATLANTIC BATTERY CORP. (PATERSON) | PASSAIC | LEAD & COMPOUNDS | 672,111 |
| ELECTRUM RECOVERY WORKS INC (RAHWAY) | UNION | LEAD & COMPOUNDS | 565,299 |

Top Tens (Off-site Transfers for Energy Recovery)

Top 10 Substances Transferred Off-site for Energy Recovery in 2001

| CAS Number | Substance Name | Waste Transfer - Energy Recovery | % of Total |
|------------------------|------------------------|----------------------------------|-----------------|
| 108-88-3 | TOLUENE | 8,173,016 | 31.54 % |
| 67-56-1 | METHANOL | 5,951,675 | 22.97 % |
| 68-12-2 | N,N-DIMETHYLFORMAMIDE | 3,402,084 | 13.13 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 2,331,919 | 9.00 % |
| 78-93-3 | METHYL ETHYL KETONE | 984,877 | 3.80 % |
| 108-10-1 | METHYL ISOBUTYL KETONE | 658,638 | 2.54 % |
| 100-44-7 | BENZYL CHLORIDE | 584,678 | 2.26 % |
| 75-05-8 | ACETONITRILE | 575,087 | 2.22 % |
| 98-87-3 | BENZAL CHLORIDE | 508,669 | 1.96 % |
| 100-41-4 | ETHYLBENZENE | 492,043 | 1.90 % |
| Sum of Top Ten: | | 23,662,686 | 91.32 % |
| Sum Other: | | 2,248,748 | 8.68 % |
| Sum All: | | 25,911,434 | 100.00 % |

Top 10 Facilities Transferring Off-site for Energy Recovery in 2001

| Facility Name (City) | County | Waste Transfer - Energy Recovery | % of Total |
|---|------------|----------------------------------|-----------------|
| MERCK & CO INC (RAHWAY) | UNION | 9,075,453 | 35.02 % |
| CHEM-FLEUR INC (NEWARK CITY) | ESSEX | 2,233,997 | 8.62 % |
| SIEGFRIED(USA), INC. (PENNSVILLE) | SALEM | 1,641,669 | 6.34 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 1,531,639 | 5.91 % |
| MOBIL CHEMICAL COMPANY (EDISON) | MIDDLESEX | 1,466,017 | 5.66 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 1,184,573 | 4.57 % |
| CIBA SPECIALTY CHEMICALS (OLD BRIDGE TOWNSHIP) | MIDDLESEX | 1,026,068 | 3.96 % |
| STEPAN COMPANY (FIELDSBORO) | BURLINGTON | 533,661 | 2.06 % |
| TRANSFER PRINT FOILS INC. (EAST BRUNSWICK TOWNSHIP) | MIDDLESEX | 506,180 | 1.95 % |
| JAME FINE CHEMICAL INC (BOUND BROOK) | SOMERSET | 406,238 | 1.57 % |
| Sum of Top Ten: | | 19,605,495 | 75.66 % |
| Sum Other: | | 6,305,939 | 24.34 % |
| Sum All: | | 25,911,434 | 100.00 % |

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

| Facility Name (City) | County | Substance Name | Waste Transfer - Energy Recovery |
|---|------------|------------------------|----------------------------------|
| MERCK & CO INC (RAHWAY) | UNION | TOLUENE | 4,555,645 |
| MERCK & CO INC (RAHWAY) | UNION | N,N-DIMETHYLFORMAMIDE | 3,394,072 |
| CHEM-FLEUR INC (NEWARK CITY) | ESSEX | METHANOL | 2,233,978 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 1,523,814 |
| MOBIL CHEMICAL COMPANY (EDISON) | MIDDLESEX | XYLENE (MIXED ISOMERS) | 980,825 |
| CIBA SPECIALTY CHEMICALS (OLD BRIDGE TOWNSHIP) | MIDDLESEX | METHANOL | 819,927 |
| MERCK & CO INC (RAHWAY) | UNION | METHANOL | 790,694 |
| SIEGFRIED(USA), INC. (PENNSVILLE) | SALEM | METHANOL | 770,950 |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | BENZYL CHLORIDE | 584,678 |
| SIEGFRIED(USA), INC. (PENNSVILLE) | SALEM | TOLUENE | 565,076 |

Top Tens (Off-site Transfers for Treatment)

Top 10 Substances Transferred Off-site for Treatment in 2001

| CAS Number | Substance Name | Waste Transfer - Treatment | % of Total |
|------------------------|---------------------------------|----------------------------|-----------------|
| 67-56-1 | METHANOL | 727,798 | 12.20 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 717,951 | 12.04 % |
| 7697-37-2 | NITRIC ACID | 498,102 | 8.35 % |
| 108-88-3 | TOLUENE | 490,163 | 8.22 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 390,398 | 6.55 % |
| 75-69-4 | TRICHLOROFLUOROMETHANE [CFC-11] | 306,507 | 5.14 % |
| 75-09-2 | DICHLOROMETHANE | 302,464 | 5.07 % |
| 100-41-4 | ETHYLBENZENE | 281,107 | 4.71 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 280,569 | 4.70 % |
| 78-93-3 | METHYL ETHYL KETONE | 245,882 | 4.12 % |
| Sum of Top Ten: | | 4,240,941 | 71.11 % |
| Sum Other: | | 1,723,116 | 28.89 % |
| Sum All: | | 5,964,057 | 100.00 % |

Top 10 Facilities Transferring Off-site for Treatment in 2001

| Facility Name (City) | County | Waste Transfer - Treatment | % of Total |
|---|------------|----------------------------|-----------------|
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 1,614,177 | 27.07 % |
| MADISON INDUSTRIES INC (OLD BRIDGE TWP) | MIDDLESEX | 572,400 | 9.60 % |
| MERCK & CO INC (RAHWAY) | UNION | 529,482 | 8.88 % |
| MORTON INTERNATIONAL (PATERSON) | PASSAIC | 503,551 | 8.44 % |
| MYPODIAMOND INC (GIBBSTOWN) | GLOUCESTER | 487,930 | 8.18 % |
| SCHERING CORPORATION (KENILWORTH) | UNION | 420,809 | 7.06 % |
| JOHNSON MATTHEY INC (WEST DEPTFORD TWP) | GLOUCESTER | 306,396 | 5.14 % |
| INFINEUM USA (LINDEN) | UNION | 212,247 | 3.56 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 138,831 | 2.33 % |
| BASF CORPORATION (BELVIDERE) | WARREN | 109,159 | 1.83 % |
| Sum of Top Ten: | | 4,894,982 | 82.07 % |
| Sum Other: | | 1,069,075 | 17.93 % |
| Sum All: | | 5,964,057 | 100.00 % |

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

| Facility Name (City) | County | Substance Name | Waste Transfer - Treatment |
|---|------------|---------------------------------|----------------------------|
| MYPODIAMOND INC (GIBBSTOWN) | GLOUCESTER | NITRIC ACID | 487,930 |
| MORTON INTERNATIONAL (PATERSON) | PASSAIC | XYLENE (MIXED ISOMERS) | 427,912 |
| MADISON INDUSTRIES INC (OLD BRIDGE TWP) | MIDDLESEX | LEAD & COMPOUNDS | 353,800 |
| SCHERING CORPORATION (KENILWORTH) | UNION | TRICHLOROFLUOROMETHANE [CFC-11] | 306,507 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | METHANOL | 300,114 |
| JOHNSON MATTHEY INC (WEST DEPTFORD TWP) | GLOUCESTER | METHANOL | 286,184 |
| MERCK & CO INC (RAHWAY) | UNION | DICHLOROMETHANE | 273,634 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | TERT-BUTYL ALCOHOL | 230,813 |
| MADISON INDUSTRIES INC (OLD BRIDGE TWP) | MIDDLESEX | ZINC & COMPOUNDS | 218,600 |
| INFINEUM USA (LINDEN) | UNION | SEC-BUTYL ALCOHOL | 211,522 |

Top Tens (Off-site Transfers for Disposal)

Top 10 Substances Transferred Off-site for Disposal in 2001

| CAS Number | Substance Name | Waste Transfer - Disposal | % of Total |
|------------------------|--------------------------------------|---------------------------|-----------------|
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 1,979,904 | 30.89 % |
| 7429-90-5 | ALUMINUM (FUME OR DUST) | 665,330 | 10.38 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 627,582 | 9.79 % |
| 7439-96-5 & N450 | MANGANESE & COMPOUNDS | 584,415 | 9.12 % |
| 95-50-1 | 1,2-DICHLOROBENZENE | 440,537 | 6.87 % |
| 7440-39-3 & N040 | BARIUM & COMPOUNDS | 385,393 | 6.01 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 232,842 | 3.63 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 205,750 | 3.21 % |
| 7440-47-3 & N090 | CHROMIUM & COMPOUNDS | 182,541 | 2.85 % |
| 7440-36-0 & N010 | ANTIMONY & COMPOUNDS | 136,964 | 2.14 % |
| Sum of Top Ten: | | 5,441,257 | 84.90 % |
| Sum Other: | | 967,752 | 15.10 % |
| Sum All: | | 6,409,010 | 100.00 % |

Top 10 Facilities Transferring Off-site for Disposal in 2001

| Facility Name (City) | County | Waste Transfer - Disposal | % of Total |
|--|------------|---------------------------|-----------------|
| GRIFFIN PIPE PRODUCTS CO. (FLORENCE) | BURLINGTON | 2,404,772 | 37.52 % |
| UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON) | BURLINGTON | 615,967 | 9.61 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 614,320 | 9.59 % |
| CLEAN EARTH OF NEW JERSEY (KEARNY) | HUDSON | 416,828 | 6.50 % |
| OLD BRIDGE CHEMICALS, INC. (OLD BRIDGE TWP) | MIDDLESEX | 272,710 | 4.26 % |
| MYPODIAMOND INC (GIBBSTOWN) | GLOUCESTER | 196,519 | 3.07 % |
| HOWMET CORPORATION (ROCKAWAY TWP) | MORRIS | 157,606 | 2.46 % |
| ELEMENTIS SPECIALTIES (JERSEY CITY) | HUDSON | 148,259 | 2.31 % |
| SIKA CORPORATION (LYNDHURST) | BERGEN | 137,104 | 2.14 % |
| LAMTEC CORPORATION (MOUNT OLIVE TWP) | MORRIS | 116,909 | 1.82 % |
| Sum of Top Ten: | | 5,080,994 | 79.28 % |
| Sum Other: | | 1,328,016 | 20.72 % |
| Sum All: | | 6,409,010 | 100.00 % |

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

| Facility Name (City) | County | Substance Name | Waste Transfer - Disposal |
|--|------------|--|---------------------------|
| GRIFFIN PIPE PRODUCTS CO. (FLORENCE) | BURLINGTON | ZINC & COMPOUNDS | 1,479,127 |
| GRIFFIN PIPE PRODUCTS CO. (FLORENCE) | BURLINGTON | ALUMINUM (FUME OR DUST) | 640,404 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 1,2-DICHLOROBENZENE | 440,536 |
| CLEAN EARTH OF NEW JERSEY (KEARNY) | HUDSON | LEAD & COMPOUNDS | 300,360 |
| UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON) | BURLINGTON | MANGANESE & COMPOUNDS | 291,145 |
| UNITED STATES PIPE AND FOUNDRY CO INC (BURLINGTON) | BURLINGTON | BARIUM & COMPOUNDS | 276,622 |
| GRIFFIN PIPE PRODUCTS CO. (FLORENCE) | BURLINGTON | MANGANESE & COMPOUNDS | 221,344 |
| OLD BRIDGE CHEMICALS, INC. (OLD BRIDGE TWP) | MIDDLESEX | ZINC & COMPOUNDS | 140,550 |
| HOWMET CORPORATION (ROCKAWAY TWP) | MORRIS | 4,4-ISOPROPYLDENEDIPHENC L | 132,034 |
| MYPODIAMOND INC (GIBBSTOWN) | GLOUCESTER | NITRATE COMPOUNDS (WATEI DISSOCIABLE) | 129,619 |

Top Tens (On-site Management)

Top 10 Substances Managed as NPO On-site in 2001

| CAS Number | Substance Name | On-Site Management | % of Total |
|------------------------|------------------------|--------------------|-----------------|
| 7647-01-0 | HYDROCHLORIC ACID | 57,301,475 | 34.00 % |
| 108-88-3 | TOLUENE | 14,281,447 | 8.47 % |
| 7664-41-7 | AMMONIA | 13,454,804 | 7.98 % |
| 7697-37-2 | NITRIC ACID | 11,759,835 | 6.98 % |
| 67-56-1 | METHANOL | 9,603,903 | 5.70 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 5,398,252 | 3.20 % |
| 78-93-3 | METHYL ETHYL KETONE | 5,348,687 | 3.17 % |
| 7664-39-3 | HYDROGEN FLUORIDE | 4,169,100 | 2.47 % |
| 115-07-1 | PROPYLENE [PROPENE] | 3,461,171 | 2.05 % |
| 7664-93-9 | SULFURIC ACID | 3,243,296 | 1.92 % |
| Sum of Top Ten: | | 128,021,970 | 75.97 % |
| Sum Other: | | 40,499,129 | 24.03 % |
| Sum All: | | 168,521,099 | 100.00 % |

Top 10 Facilities Managing NPO On-site in 2001

| Facility Name (City) | County | On-Site Management | % of Total |
|---|------------|--------------------|-----------------|
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 43,528,015 | 25.83 % |
| SAFETY-KLEEN INC (LOGAN TOWNSHIP) | GLOUCESTER | 17,266,927 | 10.25 % |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 12,577,430 | 7.46 % |
| GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE) | MIDDLESEX | 7,702,262 | 4.57 % |
| INFINEUM USA (LINDEN) | UNION | 7,689,767 | 4.56 % |
| ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE) | HUDSON | 6,833,386 | 4.05 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 5,889,223 | 3.49 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 3,702,511 | 2.20 % |
| PRECISION ROLLED PRODUCTS INC (EAST HANOVER TWP) | MORRIS | 3,212,798 | 1.91 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 3,031,639 | 1.80 % |
| Sum of Top Ten: | | 111,433,958 | 66.12 % |
| Sum Other: | | 57,087,141 | 33.88 % |
| Sum All: | | 168,521,099 | 100.00 % |

Top 10 Individual Reports of On-site NPO 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 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 5,503,122 |
| SAFETY-KLEEN INC (LOGAN TOWNSHIP) | GLOUCESTER | METHANOL | 4,050,401 |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | HYDROCHLORIC ACID | 3,315,293 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | PROPYLENE [PROPENE] | 3,000,000 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 2,844,420 |

Top Tens (On-site Recycling)

Top 10 Substances Recycled On-site in 2001

| CAS Number | Substance Name | Recycled & Reused on-site | % of Total |
|------------------------|--------------------------------------|---------------------------|-----------------|
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 2,701,997 | 17.34 % |
| 7440-02-0 & N495 | NICKEL & COMPOUNDS | 2,598,854 | 16.68 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 2,138,440 | 13.72 % |
| 108-88-3 | TOLUENE | 1,969,322 | 12.64 % |
| 7440-47-3 & N090 | CHROMIUM & COMPOUNDS | 962,519 | 6.18 % |
| 107-21-1 | ETHYLENE GLYCOL | 952,717 | 6.11 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 606,110 | 3.89 % |
| 7440-48-4 & N096 | COBALT & COMPOUNDS | 577,672 | 3.71 % |
| 117-81-7 | DI(2-ETHYLHEXYL) PHTHALATE [DEHP] | 509,819 | 3.27 % |
| 68-12-2 | N,N-DIMETHYLFORMAMIDE | 458,326 | 2.94 % |
| Sum of Top Ten: | | 13,475,776 | 86.48 % |
| Sum Other: | | 2,105,933 | 13.52 % |
| Sum All: | | 15,581,709 | 100.00 % |

Top 10 Facilities Recycling On-site in 2001

| Facility Name (City) | County | Recycled & Reused on-site | % of Total |
|---|-----------|---------------------------|-----------------|
| PRECISION ROLLED PRODUCTS INC (EAST HANOVER TWP) | MORRIS | 3,212,798 | 20.62 % |
| KEARNY SMELTING & REFINING CORP. (KEARNY) | HUDSON | 1,475,138 | 9.47 % |
| ACUPOWDER INTERNATIONAL L L C (UNION) | UNION | 1,205,185 | 7.73 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 1,077,423 | 6.91 % |
| THE SHERWIN-WILLIAMS COMPANY (EDISON) | MIDDLESEX | 1,062,029 | 6.82 % |
| HONEYWELL-PRESTONE PRODUCTS (FREEHOLD TWP) | MONMOUTH | 980,751 | 6.29 % |
| COOK COMPOSITES AND POLYMERS COMPANY (PENNSAUKEN) | CAMDEN | 761,672 | 4.89 % |
| HOWMET CORPORATION (ROCKAWAY TWP) | MORRIS | 728,604 | 4.68 % |
| HUSSEY FABRICATED PRODUCTS (KENILWORTH) | UNION | 684,000 | 4.39 % |
| CARDOLITE CORPORATION (NEWARK) | ESSEX | 600,000 | 3.85 % |
| Sum of Top Ten: | | 11,787,600 | 75.65 % |
| Sum Other: | | 3,794,109 | 24.35 % |
| Sum All: | | 15,581,709 | 100.00 % |

Top 10 Individual Reports of On-site Recycling in 2001

| Facility Name (City) | County | Substance Name | Recycled & Reused on-site |
|---|-----------|--------------------------------------|---------------------------|
| PRECISION ROLLED PRODUCTS INC (EAST HANOVER TWP) | MORRIS | NICKEL & COMPOUNDS | 2,014,981 |
| ACUPOWDER INTERNATIONAL L L C (UNION) | UNION | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 1,205,136 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 1,077,423 |
| HONEYWELL-PRESTONE PRODUCTS (FREEHOLD TWP) | MONMOUTH | ETHYLENE GLYCOL | 946,139 |
| KEARNY SMELTING & REFINING CORP. (KEARNY) | HUDSON | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 808,874 |
| PRECISION ROLLED PRODUCTS INC (EAST HANOVER TWP) | MORRIS | CHROMIUM & COMPOUNDS | 764,523 |
| HUSSEY FABRICATED PRODUCTS (KENILWORTH) | UNION | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 684,000 |
| COOK COMPOSITES AND POLYMERS COMPANY (PENNSAUKEN) | CAMDEN | XYLENE (MIXED ISOMERS) | 609,178 |
| CARDOLITE CORPORATION (NEWARK) | ESSEX | XYLENE (MIXED ISOMERS) | 600,000 |
| KEARNY SMELTING & REFINING CORP. (KEARNY) | HUDSON | ZINC & COMPOUNDS | 594,634 |

Top Tens (On-site Energy Recovery)

Top 10 Substances Destroyed On-site for Energy Recovery in 2001

| CAS Number | Substance Name | Energy Recovered on-site | % of Total |
|------------------------|------------------------------------|--------------------------|-----------------|
| 108-88-3 | TOLUENE | 2,381,685 | 36.98 % |
| 7664-41-7 | AMMONIA | 2,080,298 | 32.30 % |
| 78-93-3 | METHYL ETHYL KETONE | 551,299 | 8.56 % |
| 67-56-1 | METHANOL | 533,908 | 8.29 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 277,243 | 4.30 % |
| 108-10-1 | METHYL ISOBUTYL KETONE | 239,886 | 3.72 % |
| 71-36-3 | N-BUTYL ALCOHOL | 205,268 | 3.19 % |
| N230 | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 136,523 | 2.12 % |
| N590 | POLYCYCLIC AROMATIC COMPOUNDS | 24,672 | 0.38 % |
| 100-42-5 | STYRENE | 6,734 | 0.10 % |
| Sum of Top Ten: | | 6,437,516 | 99.94 % |
| Sum Other: | | 3,720 | 0.06 % |
| Sum All: | | 6,441,236 | 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 TWP) | GLOUCESTER | 2,056,935 | 31.93 % |
| MERCK & CO INC (RAHWAY) | UNION | 1,981,709 | 30.77 % |
| API FOILS INC (RAHWAY) | UNION | 1,163,469 | 18.06 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 522,339 | 8.11 % |
| SILGAN CONTAINER CORPORATION (EDISON) | MIDDLESEX | 245,675 | 3.81 % |
| WEBTECH INC (ROBINSVILLE) | MERCER | 120,100 | 1.86 % |
| C W C INDUSTRIES, INC. (NEWARK) | ESSEX | 119,368 | 1.85 % |
| CUSTOM LAMINATIONS INC (PATERSON) | PASSAIC | 71,000 | 1.10 % |
| BWAY CORPORATION (ELIZABETH) | UNION | 56,333 | 0.87 % |
| CONGRESS INDUSTRIES INC (HAWTHORNE) | PASSAIC | 32,228 | 0.50 % |
| Sum of Top Ten: | | 6,369,156 | 98.88 % |
| Sum Other: | | 72,080 | 1.12 % |
| Sum All: | | 6,441,236 | 100.00 % |

Top 10 Individual Reports of On-site Energy Recovery in 2001

| Facility Name (City) | County | Substance Name | Energy Recovered on-site |
|---|------------|------------------------------------|--------------------------|
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | AMMONIA | 2,056,935 |
| MERCK & CO INC (RAHWAY) | UNION | TOLUENE | 1,318,816 |
| MERCK & CO INC (RAHWAY) | UNION | METHANOL | 479,038 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 468,012 |
| API FOILS INC (RAHWAY) | UNION | TOLUENE | 426,985 |
| API FOILS INC (RAHWAY) | UNION | METHYL ETHYL KETONE | 412,383 |
| API FOILS INC (RAHWAY) | UNION | XYLENE (MIXED ISOMERS) | 183,509 |
| SILGAN CONTAINER CORPORATION (EDISON) | MIDDLESEX | N-BUTYL ALCOHOL | 129,529 |
| API FOILS INC (RAHWAY) | UNION | METHYL ISOBUTYL KETONE | 116,747 |
| SILGAN CONTAINER CORPORATION (EDISON) | MIDDLESEX | GLYCOL ETHERS (EXCEPT SURFACTANTS) | 116,146 |

Top Tens (Destroyed On-site)

Top 10 Substances Destroyed On-site in 2001

| CAS Number | Substance Name | Destroyed On-site | % of Total |
|------------------------|---------------------------------------|--------------------|-----------------|
| 7647-01-0 | HYDROCHLORIC ACID | 57,306,819 | 39.09 % |
| 7697-37-2 | NITRIC ACID | 11,756,766 | 8.02 % |
| 7664-41-7 | AMMONIA | 11,370,178 | 7.75 % |
| 108-88-3 | TOLUENE | 9,919,390 | 6.77 % |
| 67-56-1 | METHANOL | 8,795,739 | 6.00 % |
| 78-93-3 | METHYL ETHYL KETONE | 4,608,398 | 3.14 % |
| 7664-39-3 | HYDROGEN FLUORIDE | 4,135,377 | 2.82 % |
| 115-07-1 | PROPYLENE [PROPENE] | 3,461,171 | 2.36 % |
| 7664-93-9 | SULFURIC ACID | 3,243,296 | 2.21 % |
| N511 | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 3,018,556 | 2.06 % |
| Sum of Top Ten: | | 117,615,690 | 80.22 % |
| Sum Other: | | 29,004,222 | 19.78 % |
| Sum All: | | 146,619,912 | 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 | 43,542,078 | 29.70 % |
| SAFETY-KLEEN INC (LOGAN TOWNSHIP) | GLOUCESTER | 17,266,927 | 11.78 % |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 12,577,430 | 8.58 % |
| GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE) | MIDDLESEX | 7,702,262 | 5.25 % |
| INFINEUM USA (LINDEN) | UNION | 7,688,005 | 5.24 % |
| ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE) | HUDSON | 6,839,031 | 4.66 % |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | 4,289,461 | 2.93 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 3,722,432 | 2.54 % |
| HOFFMANN LA ROCHE INC (NUTLEY) | ESSEX | 2,859,082 | 1.95 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 2,485,099 | 1.69 % |
| Sum of Top Ten: | | 108,971,807 | 74.32 % |
| Sum Other: | | 37,648,105 | 25.68 % |
| Sum All: | | 146,619,912 | 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 |
| SAFETY-KLEEN INC (LOGAN TOWNSHIP) | GLOUCESTER | METHANOL | 4,050,401 |
| PERMACEL, A NITTO DENKO COMPANY (NORTH BRUNSWICK TWP) | MIDDLESEX | TOLUENE | 3,957,687 |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | HYDROCHLORIC ACID | 3,315,293 |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | PROPYLENE [PROPENE] | 3,000,000 |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | NITRATE COMPOUNDS (WATER DISSOCIABLE) | 2,844,420 |

Top Twenties (Use)

Top 20 Substances Used in 2001

| CAS Number | Substance Name | Calculated Use | % of Total |
|---------------------------|--------------------------------------|-----------------------|-----------------|
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 5,308,753,819 | 19.65 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 4,625,014,527 | 17.12 % |
| 108-88-3 | TOLUENE | 4,163,478,827 | 15.41 % |
| 110-54-3 | N-HEXANE | 2,037,529,026 | 7.54 % |
| 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 1,296,941,270 | 4.80 % |
| 100-41-4 | ETHYLBENZENE | 1,251,039,975 | 4.63 % |
| 71-43-2 | BENZENE | 1,127,816,785 | 4.17 % |
| 115-07-1 | PROPYLENE [PROPENE] | 1,047,040,375 | 3.88 % |
| 91-20-3 | NAPHTHALENE | 878,949,973 | 3.25 % |
| 110-82-7 | CYCLOHEXANE | 657,653,704 | 2.43 % |
| 98-82-8 | CUMENE | 434,501,168 | 1.61 % |
| 75-01-4 | VINYL CHLORIDE | 429,518,079 | 1.59 % |
| 74-85-1 | ETHYLENE | 348,494,667 | 1.29 % |
| 7664-93-9 | SULFURIC ACID | 318,843,950 | 1.18 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 303,188,909 | 1.12 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 266,959,938 | 0.99 % |
| 100-42-5 | STYRENE | 217,515,291 | 0.81 % |
| 107-21-1 | ETHYLENE GLYCOL | 187,220,039 | 0.69 % |
| 7782-50-5 | CHLORINE | 166,521,890 | 0.62 % |
| 75-65-0 | TERT-BUTYL ALCOHOL | 157,779,164 | 0.58 % |
| Sum of Top Twenty: | | 25,224,761,376 | 93.37 % |
| Sum Other: | | 1,792,288,755 | 6.63 % |
| Sum All: | | 27,017,050,131 | 100.00 % |

Top 20 Facilities For Use in 2001

| Facility Name (City) | County | Calculated Use | % of Total |
|--|------------|-----------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 6,235,847,523 | 23.08 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 2,846,313,619 | 10.54 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 2,626,777,494 | 9.72 % |
| MOTIVA ENTERPRISES LLC (SEWAREN) | MIDDLESEX | 2,528,832,646 | 9.36 % |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 1,672,437,577 | 6.19 % |
| CITGO PETROLEUM CORPORATION (LINDEN) | UNION | 1,253,249,271 | 4.64 % |
| EXXON MOBIL OIL CORPORATION (LINDEN) | UNION | 1,095,920,957 | 4.06 % |
| MOBIL OIL CORPORATION (PAULSBORO) | GLOUCESTER | 702,043,235 | 2.60 % |
| BP PRODUCTS NORTH AMERICA INC (CARTERET) | MIDDLESEX | 680,415,969 | 2.52 % |
| MOTIVA ENTERPRISES, LLC (NEWARK) | ESSEX | 663,081,014 | 2.45 % |
| GULF OIL LIMITED PARTNERSHIP (THOROFARE) | GLOUCESTER | 589,790,739 | 2.18 % |
| GULF OIL LIMITED PARTNERSHIP (LINDEN) | UNION | 491,345,591 | 1.82 % |
| AMERADA HESS CORP. (PERTH AMBOY) | MIDDLESEX | 464,126,907 | 1.72 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 399,320,187 | 1.48 % |
| GETTY PETROLEUM MARKETING INC (NEWARK) | ESSEX | 332,001,447 | 1.23 % |
| GENERAL CHEMICAL, NEWARK WORKS (NEWARK) | ESSEX | 304,295,127 | 1.13 % |
| AMERADA HESS CORP. (PENNSAUKEN) | CAMDEN | 302,568,159 | 1.12 % |
| OXY VINYL LP (PEDRICKTOWN) | SALEM | 293,071,412 | 1.08 % |
| CO-STEEL SAYREVILLE (SAYREVILLE) | MIDDLESEX | 287,499,982 | 1.06 % |
| EXXONMOBIL OIL CORPORATION (TRENTON) | MERCER | 249,532,057 | 0.92 % |
| Sum of Top Twenty: | | 24,018,470,913 | 88.90 % |
| Sum Other: | | 2,998,579,218 | 11.10 % |
| Sum All: | | 27,017,050,131 | 100.00 % |

Last Updated 12/23/2003

Top Twenties (Consumed in Process)

Top 20 Substances Consumed in Process in 2001

| CAS Number | Substance Name | Consumed | % of Total |
|---------------------------|-----------------------|----------------------|-----------------|
| 75-01-4 | VINYL CHLORIDE | 428,797,915 | 13.61 % |
| 115-07-1 | PROPYLENE [PROPENE] | 422,557,093 | 13.41 % |
| 110-54-3 | N-HEXANE | 257,764,893 | 8.18 % |
| 110-82-7 | CYCLOHEXANE | 241,209,166 | 7.66 % |
| 100-42-5 | STYRENE | 200,427,448 | 6.36 % |
| 71-43-2 | BENZENE | 194,648,671 | 6.18 % |
| 74-85-1 | ETHYLENE | 173,568,343 | 5.51 % |
| 7782-50-5 | CHLORINE | 152,216,481 | 4.83 % |
| 108-05-4 | VINYL ACETATE | 106,604,796 | 3.38 % |
| 75-44-5 | PHOSGENE | 72,959,551 | 2.32 % |
| 75-21-8 | ETHYLENE OXIDE | 59,124,403 | 1.88 % |
| 7697-37-2 | NITRIC ACID | 56,785,377 | 1.80 % |
| 85-44-9 | PHTHALIC ANHYDRIDE | 56,164,000 | 1.78 % |
| 67-56-1 | METHANOL | 55,913,820 | 1.77 % |
| 71-55-6 | 1,1,1-TRICHLOROETHANE | 49,622,525 | 1.58 % |
| 7664-41-7 | AMMONIA | 47,958,406 | 1.52 % |
| 108-88-3 | TOLUENE | 43,908,046 | 1.39 % |
| 99-65-0 | M-DINITROBENZENE | 43,873,042 | 1.39 % |
| 98-95-3 | NITROBENZENE | 38,528,106 | 1.22 % |
| 140-88-5 | ETHYL ACRYLATE | 37,213,738 | 1.18 % |
| Sum of Top Twenty: | | 2,739,845,820 | 86.98 % |
| Sum Other: | | 410,259,703 | 13.02 % |
| Sum All: | | 3,150,105,523 | 100.00 % |

Top 20 Facilities Consuming Substances in Process in 2001

| Facility Name (City) | County | Consumed | % of Total |
|--|------------|----------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 499,850,480 | 15.87 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 464,494,461 | 14.75 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 312,195,755 | 9.91 % |
| OXY VINYLs LP (PEDRICKTOWN) | SALEM | 293,066,101 | 9.30 % |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 215,080,932 | 6.83 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 191,334,931 | 6.07 % |
| BASF CORPORATION DEL (SOUTH BRUNSWICK TWP) | MIDDLESEX | 178,738,862 | 5.67 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 119,942,078 | 3.81 % |
| SOLVAY SOLEXIS (THOROFARE) | GLOUCESTER | 87,995,663 | 2.79 % |
| AIR PRODUCTS POLYMERS, L.P. (SOUTH BRUNSWICK TWP) | MIDDLESEX | 80,154,206 | 2.54 % |
| POLYONE CORPORATION (OLDMANS TWP) | SALEM | 79,950,782 | 2.54 % |
| BASF CORPORATION -DEL- (WASHINGTON) | WARREN | 78,798,081 | 2.50 % |
| COLORITE SPECIALTY RESINS (BURLINGTON) | BURLINGTON | 59,337,391 | 1.88 % |
| KUEHNE CHEMICAL CO INC (KEARNY) | HUDSON | 58,226,628 | 1.85 % |
| NOVEON, INC. (OLDMANS TWP) | SALEM | 54,456,560 | 1.73 % |
| UNION CARBIDE CORP (SOMERSET) | SOMERSET | 53,370,844 | 1.69 % |
| COASTAL TECHNOLOGY INC. (WESTVILLE) | GLOUCESTER | 24,922,337 | 0.79 % |
| GENERAL CHEMICAL, NEWARK WORKS (NEWARK) | ESSEX | 15,618,000 | 0.50 % |
| PG&E GENERATING (CARNEYS POINT) | SALEM | 15,189,092 | 0.48 % |
| ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE) | HUDSON | 15,114,971 | 0.48 % |
| Sum of Top Twenty: | | 2,897,838,155 | 91.99 % |
| Sum Other: | | 252,267,368 | 8.01 % |
| Sum All: | | 3,150,105,523 | 100.00 % |

Last Updated 12/23/2003

Top Twenties (Shipped as or in Product)

Top 20 Substances Shipped as(or in) Product in 2001

| CAS Number | Substance Name | Shipped in/or as Product | % of Total |
|---------------------------|--------------------------------------|--------------------------|-----------------|
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 5,307,507,849 | 22.50 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 4,606,714,425 | 19.53 % |
| 108-88-3 | TOLUENE | 4,095,294,472 | 17.36 % |
| 110-54-3 | N-HEXANE | 1,778,992,279 | 7.54 % |
| 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 1,295,896,410 | 5.49 % |
| 100-41-4 | ETHYLBENZENE | 1,247,712,403 | 5.29 % |
| 71-43-2 | BENZENE | 932,493,097 | 3.95 % |
| 91-20-3 | NAPHTHALENE | 871,700,674 | 3.70 % |
| 115-07-1 | PROPYLENE [PROPENE] | 620,925,083 | 2.63 % |
| 98-82-8 | CUMENE | 423,308,638 | 1.79 % |
| 110-82-7 | CYCLOHEXANE | 415,800,637 | 1.76 % |
| 7664-93-9 | SULFURIC ACID | 298,156,811 | 1.26 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 290,465,952 | 1.23 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 256,373,593 | 1.09 % |
| 107-21-1 | ETHYLENE GLYCOL | 173,512,444 | 0.74 % |
| 74-85-1 | ETHYLENE | 172,175,444 | 0.73 % |
| 75-65-0 | TERT-BUTYL ALCOHOL | 155,641,709 | 0.66 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 125,424,002 | 0.53 % |
| N590 | POLYCYCLIC AROMATIC COMPOUNDS | 63,929,683 | 0.27 % |
| 7632-00-0 | SODIUM NITRITE | 51,757,219 | 0.22 % |
| Sum of Top Twenty: | | 23,183,782,824 | 98.30 % |
| Sum Other: | | 401,299,223 | 1.70 % |
| Sum All: | | 23,585,082,046 | 100.00 % |

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

| Facility Name (City) | County | Shipped in/or as Product | % of Total |
|--|------------|--------------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 5,721,069,839 | 24.26 % |
| MOTIVA ENTERPRISES LLC (SEWAREN) | MIDDLESEX | 2,528,737,636 | 10.72 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 2,504,025,457 | 10.62 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 2,378,420,987 | 10.08 % |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 1,456,088,144 | 6.17 % |
| CITGO PETROLEUM CORPORATION (LINDEN) | UNION | 1,253,158,272 | 5.31 % |
| EXXON MOBIL OIL CORPORATION (LINDEN) | UNION | 1,095,886,932 | 4.65 % |
| MOBIL OIL CORPORATION (PAULSBORO) | GLOUCESTER | 702,036,803 | 2.98 % |
| BP PRODUCTS NORTH AMERICA INC (CARTERET) | MIDDLESEX | 680,200,000 | 2.88 % |
| MOTIVA ENTERPRISES, LLC (NEWARK) | ESSEX | 663,061,838 | 2.81 % |
| GULF OIL LIMITED PARTNERSHIP (THOROFARE) | GLOUCESTER | 589,766,955 | 2.50 % |
| GULF OIL LIMITED PARTNERSHIP (LINDEN) | UNION | 491,318,050 | 2.08 % |
| AMERADA HESS CORP. (PERTH AMBOY) | MIDDLESEX | 464,112,306 | 1.97 % |
| GETTY PETROLEUM MARKETING INC (NEWARK) | ESSEX | 331,998,593 | 1.41 % |
| AMERADA HESS CORP. (PENNSAUKEN) | CAMDEN | 302,554,549 | 1.28 % |
| GENERAL CHEMICAL, NEWARK WORKS (NEWARK) | ESSEX | 288,656,538 | 1.22 % |
| CO-STEEL SAYREVILLE (SAYREVILLE) | MIDDLESEX | 287,492,521 | 1.22 % |
| EXXONMOBIL OIL CORPORATION (TRENTON) | MERCER | 249,524,892 | 1.06 % |
| SUNOCO PARTNERS MARKETING & TERMINAL LP (PISCATAWAY TWP) | MIDDLESEX | 219,989,155 | 0.93 % |
| AMROD CORP (NEWARK) | ESSEX | 169,695,000 | 0.72 % |
| Sum of Top Twenty: | | 22,377,794,467 | 94.88 % |
| Sum Other: | | 1,207,287,579 | 5.12 % |
| Sum All: | | 23,585,082,046 | 100.00 % |

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Top Twenties (Brought On-site)

Top 20 Substances Brought On-site in 2001

| CAS Number | Substance Name | Brought on Site | % of Total |
|---------------------------|--------------------------------------|-----------------------|-----------------|
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 5,120,029,947 | 29.50 % |
| 108-88-3 | TOLUENE | 2,377,129,453 | 13.70 % |
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 2,186,471,605 | 12.60 % |
| 110-54-3 | N-HEXANE | 1,751,179,686 | 10.09 % |
| 71-43-2 | BENZENE | 725,708,613 | 4.18 % |
| 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 678,766,450 | 3.91 % |
| 91-20-3 | NAPHTHALENE | 588,146,199 | 3.39 % |
| 100-41-4 | ETHYLBENZENE | 543,295,430 | 3.13 % |
| 75-01-4 | VINYL CHLORIDE | 429,666,568 | 2.48 % |
| 110-82-7 | CYCLOHEXANE | 321,153,986 | 1.85 % |
| 7440-66-6 & N982 | ZINC & COMPOUNDS | 268,593,578 | 1.55 % |
| 7440-50-8 & N100 | COPPER & COMPOUNDS (WITH EXCEPTIONS) | 226,804,510 | 1.31 % |
| 100-42-5 | STYRENE | 218,295,380 | 1.26 % |
| 107-21-1 | ETHYLENE GLYCOL | 185,471,149 | 1.07 % |
| 7782-50-5 | CHLORINE | 165,923,250 | 0.96 % |
| 75-65-0 | TERT-BUTYL ALCOHOL | 156,076,518 | 0.90 % |
| 7439-92-1 & N420 | LEAD & COMPOUNDS | 140,197,811 | 0.81 % |
| 108-05-4 | VINYL ACETATE | 111,170,620 | 0.64 % |
| 67-56-1 | METHANOL | 108,578,602 | 0.63 % |
| N590 | POLYCYCLIC AROMATIC COMPOUNDS | 97,513,714 | 0.56 % |
| Sum of Top Twenty: | | 16,400,173,069 | 94.51 % |
| Sum Other: | | 953,411,315 | 5.49 % |
| Sum All: | | 17,353,584,383 | 100.00 % |

Top 20 Facilities Bringing Substances On-site in 2001

| Facility Name (City) | County | Brought on Site | % of Total |
|--|------------|-----------------------|-----------------|
| MOTIVA ENTERPRISES LLC (SEWAREN) | MIDDLESEX | 2,489,818,600 | 14.35 % |
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 2,054,807,063 | 11.84 % |
| CITGO PETROLEUM CORPORATION (LINDEN) | UNION | 1,269,997,107 | 7.32 % |
| EXXON MOBIL OIL CORPORATION (LINDEN) | UNION | 1,095,886,932 | 6.32 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 1,084,062,487 | 6.25 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 791,742,968 | 4.56 % |
| MOBIL OIL CORPORATION (PAULSBORO) | GLOUCESTER | 702,036,803 | 4.05 % |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 688,975,047 | 3.97 % |
| BP PRODUCTS NORTH AMERICA INC (CARTERET) | MIDDLESEX | 680,400,000 | 3.92 % |
| MOTIVA ENTERPRISES, LLC (NEWARK) | ESSEX | 670,033,019 | 3.86 % |
| GULF OIL LIMITED PARTNERSHIP (THOROFARE) | GLOUCESTER | 584,570,294 | 3.37 % |
| AMERADA HESS CORP. (PERTH AMBOY) | MIDDLESEX | 504,174,203 | 2.91 % |
| GULF OIL LIMITED PARTNERSHIP (LINDEN) | UNION | 486,392,198 | 2.80 % |
| GETTY PETROLEUM MARKETING INC (NEWARK) | ESSEX | 328,671,388 | 1.89 % |
| AMERADA HESS CORP. (PENNSAUKEN) | CAMDEN | 305,768,554 | 1.76 % |
| OXY VINYL LP (PEDRICKTOWN) | SALEM | 293,066,101 | 1.69 % |
| CO-STEEL SAYREVILLE (SAYREVILLE) | MIDDLESEX | 291,852,625 | 1.68 % |
| EXXONMOBIL OIL CORPORATION (TRENTON) | MERCER | 249,524,892 | 1.44 % |
| SUNOCO PARTNERS MARKETING & TERMINAL LP (PISCATAWAY TWP) | MIDDLESEX | 219,989,155 | 1.27 % |
| BASF CORPORATION DEL (SOUTH BRUNSWICK TWP) | MIDDLESEX | 179,003,426 | 1.03 % |
| Sum of Top Twenty: | | 14,970,772,862 | 86.27 % |
| Sum Other: | | 2,382,811,521 | 13.73 % |
| Sum All: | | 17,353,584,383 | 100.00 % |

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Top Twenties (Manufactured)

Top 20 Substances Manufactured in 2001

| CAS Number | Substance Name | Manufactured | % of Total |
|---------------------------|---|----------------------|-----------------|
| 1330-20-7 | XYLENE (MIXED ISOMERS) | 2,441,278,007 | 25.52 % |
| 108-88-3 | TOLUENE | 1,749,518,730 | 18.29 % |
| 115-07-1 | PROPYLENE [PROPENE] | 1,039,484,186 | 10.87 % |
| 100-41-4 | ETHYLBENZENE | 707,850,208 | 7.40 % |
| 95-63-6 | 1,2,4-TRIMETHYLBENZENE | 626,408,638 | 6.55 % |
| 71-43-2 | BENZENE | 409,761,218 | 4.28 % |
| 98-82-8 | CUMENE | 343,438,388 | 3.59 % |
| 110-82-7 | CYCLOHEXANE | 336,860,448 | 3.52 % |
| 74-85-1 | ETHYLENE | 316,521,856 | 3.31 % |
| 7664-93-9 | SULFURIC ACID | 307,417,814 | 3.21 % |
| 91-20-3 | NAPHTHALENE | 293,870,624 | 3.07 % |
| 110-54-3 | N-HEXANE | 281,828,384 | 2.95 % |
| 1634-04-4 | METHYL TERT-BUTYL ETHER | 183,117,042 | 1.91 % |
| 7647-01-0 | HYDROCHLORIC ACID | 79,926,209 | 0.84 % |
| 75-44-5 | PHOSGENE | 73,278,840 | 0.77 % |
| 100-44-7 | BENZYL CHLORIDE | 56,872,150 | 0.59 % |
| 7632-00-0 | SODIUM NITRITE | 50,193,276 | 0.52 % |
| 99-65-0 | M-DINITROBENZENE | 44,394,532 | 0.46 % |
| 98-95-3 | NITROBENZENE | 38,608,229 | 0.40 % |
| 75-68-3 | 1-CHLORO-1,1-DIFLUOROETHANE [HCFC-142B] | 33,032,179 | 0.35 % |
| Sum of Top Twenty: | | 9,413,660,958 | 98.41 % |
| Sum Other: | | 152,183,330 | 1.59 % |
| Sum All: | | 9,565,844,288 | 100.00 % |

Top 20 Facilities Manufacturing Substances in 2001

| Facility Name (City) | County | Manufactured | % of Total |
|--|------------|----------------------|-----------------|
| CONOCOPHILLIPS COMPANY (LINDEN) | UNION | 4,206,838,345 | 43.98 % |
| VALERO REFINING COMPANY NEW JERSEY (GREENWICH TWP) | GLOUCESTER | 1,840,007,146 | 19.24 % |
| COASTAL EAGLE POINT OIL COMPANY (WEST DEPTFORD TWP) | GLOUCESTER | 1,733,405,503 | 18.12 % |
| AMERADA-HESS PORT READING-CORPORATION (PORT READING) | MIDDLESEX | 963,921,304 | 10.08 % |
| GENERAL CHEMICAL, NEWARK WORKS (NEWARK) | ESSEX | 303,748,600 | 3.18 % |
| E I DUPONT DE NEMOURS & CO INC (PENNSVILLE) | SALEM | 243,735,178 | 2.55 % |
| FERRO CORP. (LOGAN TWP) | GLOUCESTER | 83,195,817 | 0.87 % |
| REPAUNO PRODUCTS LLC (GREENWICH TWP) | GLOUCESTER | 50,193,276 | 0.52 % |
| SOLVAY SOLEXIS (THOROFARE) | GLOUCESTER | 35,661,963 | 0.37 % |
| CITGO ASPHALT REFINING CO. (WEST DEPTFORD TWP) | GLOUCESTER | 16,958,049 | 0.18 % |
| PSEG FOSSIL LLC (HAMILTON) | MERCER | 12,888,859 | 0.13 % |
| GREENTREE CHEMICAL TECHNOLOGIES (SAYREVILLE) | MIDDLESEX | 8,076,926 | 0.08 % |
| ASAHI GLASS FLUOROPOLYMERS USA, INC (BAYONNE) | HUDSON | 6,706,411 | 0.07 % |
| GEO SPECIALTY CHEMICALS (GIBBSTOWN) | GLOUCESTER | 6,502,911 | 0.07 % |
| PUBLIC SERVICE ELECTRIC & GAS CO (JERSEY CITY) | HUDSON | 5,860,075 | 0.06 % |
| HERCULES INCORPORATED (PARLIN) | MIDDLESEX | 5,592,844 | 0.06 % |
| OLD BRIDGE CHEMICALS, INC. (OLD BRIDGE TWP) | MIDDLESEX | 5,052,100 | 0.05 % |
| UNITED STATES BRONZE POWDERS INC. (RARITAN TOWNSHIP) | HUNTERDON | 3,390,240 | 0.04 % |
| TROY CHEMICAL CORP INC. (NEWARK) | ESSEX | 3,177,745 | 0.03 % |
| HOFFMANN LA ROCHE INC (NUTLEY) | ESSEX | 2,907,012 | 0.03 % |
| Sum of Top Twenty: | | 9,537,820,303 | 99.71 % |
| Sum Other: | | 28,023,984 | 0.29 % |
| Sum All: | | 9,565,844,288 | 100.00 % |

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