



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
ENFORCEMENT AND  
COMPLIANCE ASSURANCE

JUN 14 2001

**MEMORANDUM**

SUBJECT FY 2000 RECAP Measures of Success Management Report

FROM: Frederick F Stiehl, Director *Frederick F. Stiehl*  
Enforcement Planning, Targeting and Data Division  
Office of Compliance

TO: OECA Office and Deputy Office Directors  
OECA Division Directors  
Regional Enforcement Division Directors, Regions 1,2,4,6,8  
Regional Media Division Directors, Regions 3,5,7,9,10  
Regional Counsels, Regions I - X  
Enforcement Coordinators, Regions I - X<sup>1</sup>  
MOA Coordinators, Regions I - X

This memorandum transmits the RECAP FY 2000 Measures of Success ("MOS") Management Report which covers the formal FY 2000 OECA Measures as required by the Reporting for Enforcement and Compliance Assurance Priorities (RECAP) system. The RECAP system details the formal compliance assurance and enforcement performance measures. In FY 2000, such measures included: the environmental and compliance results and impacts of EPA enforcement actions; EPA and State enforcement actions and inspections; the identification and responses to significant noncompliance; the use of supplemental environmental projects; and other data elements

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<sup>1</sup> We are providing the Enforcement Coordinators and the MOA Coordinators with 10 color copies of the report with the understanding that they will distribute copies to the relevant branch chiefs within their Regions.

This year we have added a Section on our activities within the MOA priority areas. Given that reporting on MOA priority activities is new for certain programs, it is my sense that the data in this year's report under represents the actual amount of activity occurring in our priority areas. I ask that the Regions pay particular attention to this section and to additional guidance that will be provided this summer on how this data should be reported so that the data systems present a more complete picture for FY 2001.

The MOS Management Report consists of an Executive Summary, followed by a list of the 99 tables and graphs arranged within eight sections. The actual tables and graphs then follow. While the MOS Management Report focuses on FY 2000 activity, many of the tables and graphs provide data from the FY 1998 to FY 2000 time frame to better illustrate the FY 2000 outputs and also to provide a more complete picture of activity and trends. The MOS Management Report includes several historical charts which track EPA referrals, penalty orders, and penalties since the inception of the EPA enforcement programs.

While this is a public document, we consider the level of detail provided most useful to Agency managers. The MOS Management Report provides more details than the FY 2000 Press Advisory (issued by the Agency on January 19, 2001) and more than will be contained in the soon-to-be issued FY 2000 Enforcement and Compliance Assurance Annual Report. The more extensive details provided in the MOS Management Report include break-outs by Region, by media program, by enforcement type, as well as more information on other subjects, including the need for improving the completeness and timeliness of our data entry.

The Information Utilization and Data Quality Branch, which produced this Report, is available to make presentations on, or provide further explanations of the FY 2000 MOS Management Report and other compliance assurance data if that would be helpful. If you would like to arrange such a presentation or you have suggestions for improvements regarding this Report, please contact Betsy Smidinger, at (202) 564-4017. Specific questions about individual tables or graphs or how this data was collected should be directed to Lynn Vendinello at (202) 564-7066.

cc: Sylvia Lowrance, Acting Assistant Administrator  
Information Utilization and Data Quality Branch staff  
Bruce Gelber, Chief EES, DOJ  
Walker Smith, Deputy Chief EES, DOJ

# **FY 2000 RECAP MEASURES OF SUCCESS MANAGEMENT REPORT**

## **EXECUTIVE SUMMARY**

### **Background**

This executive summary describes some of the key findings presented by the tables and graphs in each section of this Report. While this is a public document, the primary audience is Agency managers and interested staff. The Agency produces two other public, but less detailed documents that contain similar information drawn from the same data systems: the FY 2000 Press Advisory (issued by the Agency on January 19, 2000) and the soon-to-be issued FY 2000 Enforcement and Compliance Assurance Annual Report. The more extensive details provided in this Report should be most useful to Regional and OECA managers. For example, this Report includes break-outs by Region, by media program, by enforcement type, as well as more information on other subjects, including data completeness.

Most of the data displayed in this Report comes from the Agency's Civil Docket. Data in the Report obtained from sources other than Civil Docket includes State and EPA compliance monitoring activity, significant noncompliance information, State enforcement activity, compliance assistance activity and Federal criminal enforcement<sup>1</sup>. The primary non-Docket sources were the national program databases (PCS, AFS, RCRIS, and FTTS/NCDB) in accordance with established database retrievals for RECAP inspections, significant noncompliance rates and state actions. State enforcement data also was obtained from SDWIS and asbestos demolition data was taken from NARS (National Asbestos Registry). EPA inspection data for the National Totals - FY 2000 Enforcement Activity chart (page 9) were taken from an Integrated Data for Enforcement Analysis (IDEA) pull of national enforcement databases and from manual reports from each Region for program areas without a national facility database (e.g., EPCRA non-313, wetlands). Compliance assistance activity was taken from RCATS, the national compliance assistance tracking system. Capacity building, investigations and citizen complaints were produced from manual reporting.

Some charts and graphs in the Report were produced even where the available data was not complete. This is especially true for the projected environmental and compliance benefits impact data reported in Section A of this Report. The charts and graphs significantly impacted by incomplete data include footnotes indicating the limitations relative to completeness.

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<sup>1</sup>Information on EPA criminal enforcement was produced by OCEFT the Agency's Criminal Docket.

## **Section A: Projected Environmental and Compliance Outcomes**

Regions reported data on the complying actions required from EPA settlements for 79% of our 5,609 FY 2000 settlements. 17 percent of these complying actions required the defendants to perform either use reduction, industrial process changes, emission or disposal changes, remediations or removals (see page 1). Regions reported at least one of these complying actions for 16% of all FY 2000 settled cases. Since FY 1996, 4,170 EPA actions have required these types of physical actions (see page 2).

For the 15% of FY 2000 cases reporting pollutant reductions, oil and grease, ethylene glycol and lead were the three pollutants most frequently reported as being reduced through an EPA enforcement settlement (see page 7).<sup>2</sup> For the 6% of the FY 2000 civil cases reporting quantitative pollutant reductions, the largest pollutant reductions reported included expected reductions of solvents, fecal coliform and chromium (see page 8).<sup>3</sup>

## **Section B: Enforcement Outputs**

In FY 2000, EPA maintained a robust enforcement program. EPA greatly increased its issuance of Administrative Compliance Orders. This year EPA issued 3,388 orders, an 123% increase over last year's level (see page 9). The primary reason for this was the high level of activity under the Public Water Supervision Systems provisions of Safe Drinking Water Act.

EPA also increased its use of administrative penalty orders: issuing 1,763 complaints, which exceeds FY 1999 levels by 6% and FY 1998 levels by 26%. This total exceeds the FY1999 levels, which were an all time high. Region VI led the way issuing 516 APOs. Overall six Regions exceeded their last year's levels (see page 15).

While the overall number of civil referrals dropped from the FY 1999 level, the number of civil settlements increased slightly from last year's level to 219.

The criminal enforcement program referred the fourth highest number of criminal cases to DOJ (236) in history and set an annual record for defendants charged (see page 13).

The FY 2000 data shows interesting variations across the Regions and statutes in the civil program. Region V was responsible for the most civil referrals to DOJ (19%) and civil judicial settlements (21.5%). Region VI led the way with administrative penalty orders, initiating 30.4%

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<sup>2</sup> This is based on 853 civil cases (out of the 5,609 FY 2000 civil settlements).

<sup>3</sup> Of the 853 civil cases which identified a pollutant as being reduced, a quantitative estimate of the amount of pollutant expected to be reduced was reported for 327 cases (6% of all FY 2000 civil settlements).



of all new complaints and 26.8% of all settlements (see page 20). From a resource efficiency perspective, Regions IV, V and VI have been the most efficient regions in terms of judicial outputs (referrals and penalties) from the FY 1997 to FY 2000 (see page 18). Over the same period, Region VI has been the most efficient in terms of administrative penalty cases (see page 19).

In FY 2000, the Regions collectively issued 5,302 informal actions with the greatest number (48%) issued under the SDWA.

### **Section C: Dollar Values and Penalty Amounts**

Overall, EPA assessed \$84.1 million in civil penalties in FY 2000. We have now assessed civil and criminal fines and penalties for more than \$1.95 billion dollars (see page 49). The FY 2000 criminal penalties assessed were \$122 million, the highest that it has ever been and almost double last year's level (see page 26). Region X assessed the highest amount of criminal penalties at 28.7% of the National total, with almost \$35 million. Region VI was the FY 2000 civil judicial penalty leader with 33.2% of the National total, over \$18 million. For administrative penalties, Region V was the leader, assessing 21% of the National total, over \$5 million (see pages 28-29). The RCRA program was responsible for the most criminal penalties at \$38.5 million (32%) and garnered the most administrative penalties at \$2.1 million (32%). The CAA program was responsible for the most civil judicial penalties with \$21.8 million (39.8%) and for the greatest value of SEPS at \$29.2 million (52%) (see pages 31 - 32). The CERCLA program was responsible for the highest value of injunctive relief at \$655 million or 42% of the national total.

### **Section D: Supplemental Environmental Projects**

Regions frequently include Supplemental Environmental Projects (SEPs) as part of the settlement of administrative penalty actions and, to a lesser extent, judicial settlements. In FY 2000 EPA settlements produced 193 SEPs. Pollution prevention continues to be the most frequent category of SEP. In FY 2000, 10% of cases included a SEP (see page 52). One hundred and sixty-six of the FY 2000 SEPs were from administrative actions and 27 were included in judicial actions (see page 51). Region VI was responsible for the most SEPs, 34, (17.6% of the national total). Region IV had the highest rate of cases that included a SEP (15.9%). Region V had the largest dollar value of SEPs, \$24.3 million (43%) (see page 50). In FY 2000, the use of SEPs was most prevalent in the EPCRA program (16.3%) (see page 52). SEPs in the CAA cases had the highest dollar value of any one program, responsible for 52% of the FY 2000 total SEP value. Over the last three years, Region X and Region V have negotiated SEPs with the highest value, almost \$78 million and \$62 million respectively (see page 56).

## **Section E: SNC and Compliance Monitoring**

In FY 2000, the degree to which significant noncompliance (SNC) was addressed varied greatly by program area. In the RCRA program, there were 1,468 facilities in SNC of which 22% were resolved (meaning either returned to full physical compliance or meeting a compliance schedule). Region IV, which had 325 SNCS or 22% of the national total, showed the highest rate of resolution of RCRA SNCs, resolving 52% of its SNC facilities or almost half of the total number of SNCs that were addressed nationally. In the CWA program, the national rate for addressing SNCs was 88%. In the water program a SNC is addressed if the facility returns to non-SNC status on its own or received a formal order. Among the regions, Regions II, V, VI, VIII and X addressed 90% or better of their water SNCs. In the air program, in FY 2000 the national average for addressing SNCs was 53%. Among the regions, Regions IV, VIII and IX and X all addressed more than the national average. In the SDWA program, 65% of systems in SNC were addressed by a formal action. Among the Regions, Regions I, II, IV, and VII all addressed more than the national average (see page 58).

With respect to SNC duration, the CAA enforcement database, AFS, was modified in FY 2001 so that the tracking of violations over time can be monitored on a facility-wide basis. For FY 2000, OECA reported only the duration of RCRA and CWA SNCs returning to compliance (see pages 59 - 60).

The inspection coverage data varies considerably across Regions and across programs. For example, under the CAA, operating Class A sources, synthetic minors, and NESHAP minor sources, the inspection coverage data (EPA and States) ranges from a high of 80% in Region III to a low of 27% in Regions I and II. In the water program, all Regions and States showed a high coverage rate of NPDES majors inspected with Region IV having the highest rate inspecting 88% of their sources. Overall, the Regions and States inspected 31% of approved pretreatment programs, with Region IV again inspecting the highest percentage (50%) (see page 66). Overall, the Regions conducted 660 investigations in FY 2000 with the greatest number (289) occurring in the air program. The greatest number of citizen complaints were also received in the CAA program with Regions responding to 13,109 citizen complaints with the greatest number (33%) occurring under the CAA.

## **Section F: Compliance Incentives/Compliance Assistance/Capacity Building Outputs**

In FY 2000, the number of companies disclosing violations under the audit policy was at an all time high of 429, a 165% increase over FY 1999 level. The number of facilities that disclosed violations was also at an all time high at 2190, more than 120% over last year's level. The number of companies and facilities correcting violations under the audit policy also were 217 and 437 respectively. In FY 2000, the Regions collectively reached 417,377 regulated entities through

compliance assistance outreach in sector and statutory areas <sup>4</sup> The highest amount of compliance assistance activity occurred through the distribution of compliance assistance tools (80%) (see pages 71- 72).

Within the sector areas for which compliance assistance information is tracked, federal facilities and general business assistance received the highest amount of assistance (20%) (see page 73). For statutory requirements, the most compliance assistance was offered under the EPCRA program. Region VIII reached the most entities with statutory compliance assistance with over 70,000 entities reached (see page 74). Region I offered the most sector-based compliance assistance, reaching over 31,000 facilities. With respect to compliance assistance activities, Region IX offered the most workshops (18%); Region VIII developed and distributed the most tools (24% and 24% respectively); Region VIII also conducted the most on-site visits (50%) (see page 75).

In FY 2000 OECA is reporting for the second time our national efforts in the area of capacity building to states, tribes and localities. Overall, the Regions conducted 463 training courses; made 6,701 regulatory determinations, responded to 1,527 requests for assistance and conducted 1,132 assisted inspections (see page 86).

#### **Section G: Completeness of EPA Enforcement Conclusion Data**

OECA has placed a priority on strengthening reporting on the compliance and environmental benefits of our enforcement actions. In FY 1996, Regions were asked to complete case conclusion data sheets for each concluded federal action.<sup>5</sup> The first 8 pages of graphs and charts in this Report are based on case conclusion data entered into the Docket, as well as all the data on Supplemental Environmental Projects in Section D of this Report, the data on injunctive relief in Section C of this Report and the data on selected outputs for MOA Priority Areas in Section H of this Report.

The completeness of the case conclusion data remained relatively constant in FY 2000 Overall, 56% of the key fields of the data sheets were complete (see page 89). This year 15% of all settlements identified at least one pollutant reduced (a decrease from last year), while 6% of the settlements specified an amount of pollutant reduced (a decrease from last year) This year Region III showed the highest number of cases with a named pollutant and Headquarters showed the highest percentage of cases with an estimated pollutant reduction (see page 90) In FY 2000, we

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<sup>4</sup>This number may include some double counting since there is a chance that a given facility may receive more than one type of assistance

<sup>5</sup> The case conclusion data sheet covers EPA information on: the type of compliance actions associated with each case, the expected environmental and public health impacts of the settlement, the pollutants expected to be reduced, the dollar value of injunctive relief, and similar information for supplemental environmental projects

produced a guidance manual to assist regions and headquarters in calculating estimated pollutant reductions and will be offering training on this guidance in FY 2001.

The civil Docket maintained by OECA and each Region contains a component through which the status of all active civil consent decrees can be maintained, the Consent Decree Enforcement Tracking System (CDETS). Tracking the status of active decrees and following up on violations was previously listed as a material weakness in our program implementation. To address concerns about tracking consent decrees, OECA developed and published an "Agency Judicial Consent Decree Tracking and Follow-up Directive" on January 11, 1990. The directive, among other things, required each Region to maintain a database of consent decree milestones and, not less than quarterly, determine the defendant's current compliance with its decree. OECA recently committed in response to an IG finding to review its emphasis on Regional and Headquarters follow up of compliance milestones required by judicial settlements and orders.

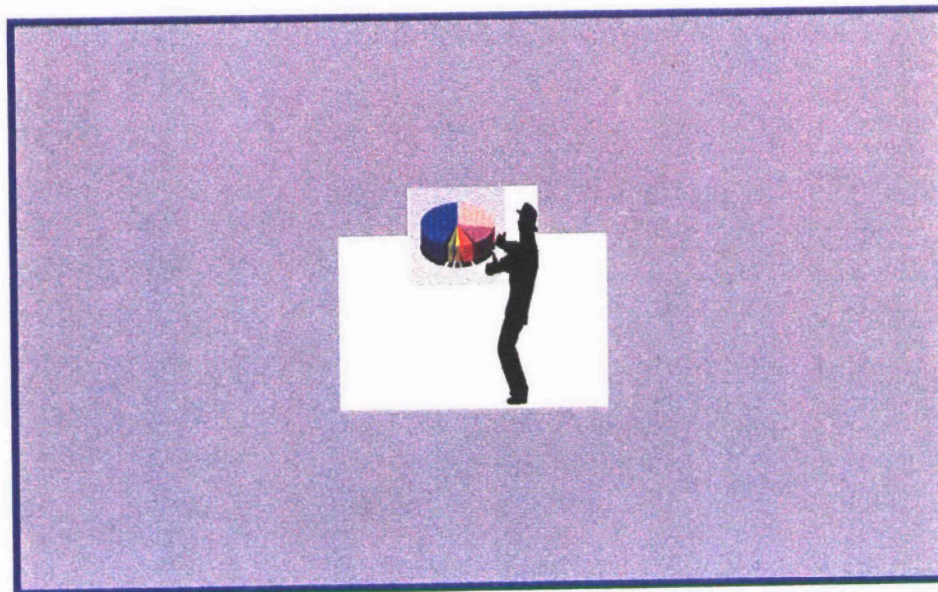
The Regions' maintenance of CDETS to track compliance with consent decree requirements has decreased sharply over the last few years. This year 59% of active consent decrees had their compliance status reported in the 4<sup>th</sup> Quarter (a decrease from FY 1999). Regions II, III, IV, V, VII, and VIII maintained the status of their active decrees for most of the fiscal year. However, Regions VI and IX failed to maintain their consent decrees in CDETS (see page 88). There continues to be a wide disparity among the Regions in terms of how frequently they refer violations of consent decrees to the Department of Justice (see page 16).

## **Section H: MOA Priority Activity**

This is the first year that this Report contains a section on activities and outcomes within our MOA priority areas. The Regions undertook 23% of their CAA Stationary Source inspections in MOA priority areas; 38% of CWA NPDES inspections in priority areas and 22% of RCRA inspections in priority areas (see pages 91 - 92). The greatest number (31%) of CAA investigations occurred in Region V, which undertook the greatest number of petroleum refining investigations of the national total (page 93). Given that the MOA priorities covered in this Report are for FY 2000/2001, the bulk of the enforcement activity is likely to occur in the out years once investigation and inspection activity has been conducted. In addition, the tracking of enforcement activity necessitates new reporting in Docket. As a result, the amount of enforcement activity that we are able to capture by MOA priority in Docket and displayed in this Report most likely under- represents actual activity. Our hope is that as regions and Headquarters become more accustomed to the new reporting, we will be better able to capture the outcomes of our compliance assurance activities in priority areas.



## FY 2000 Measures of Success Management Report



EPA Office of Enforcement and Compliance Assurance

Office of Compliance - Enforcement Planning, Targeting and Data Division - Information Utilization and Targeting Branch  
June 2001

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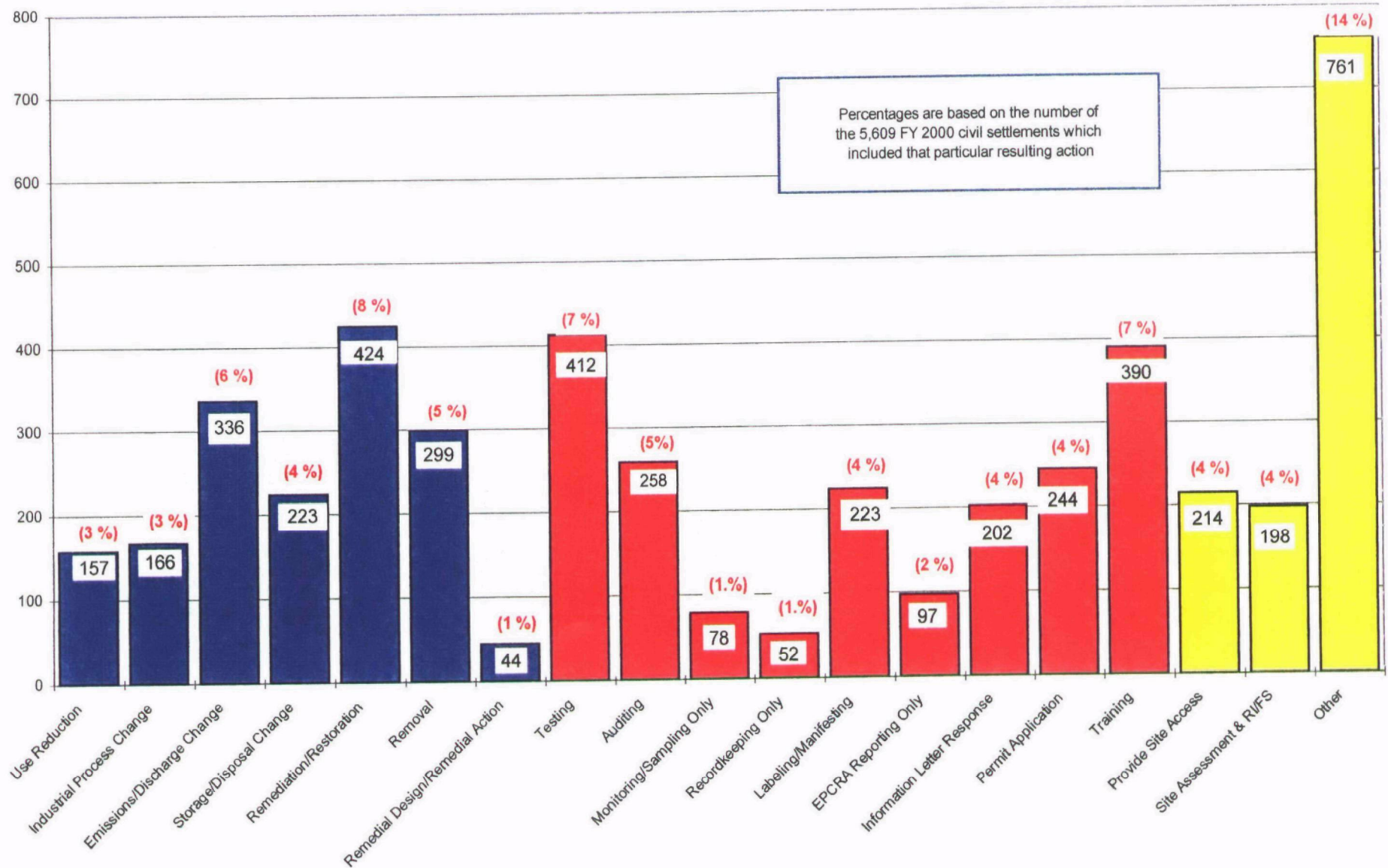
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# Results of EPA Civil Enforcement Actions Concluded in FY 2000



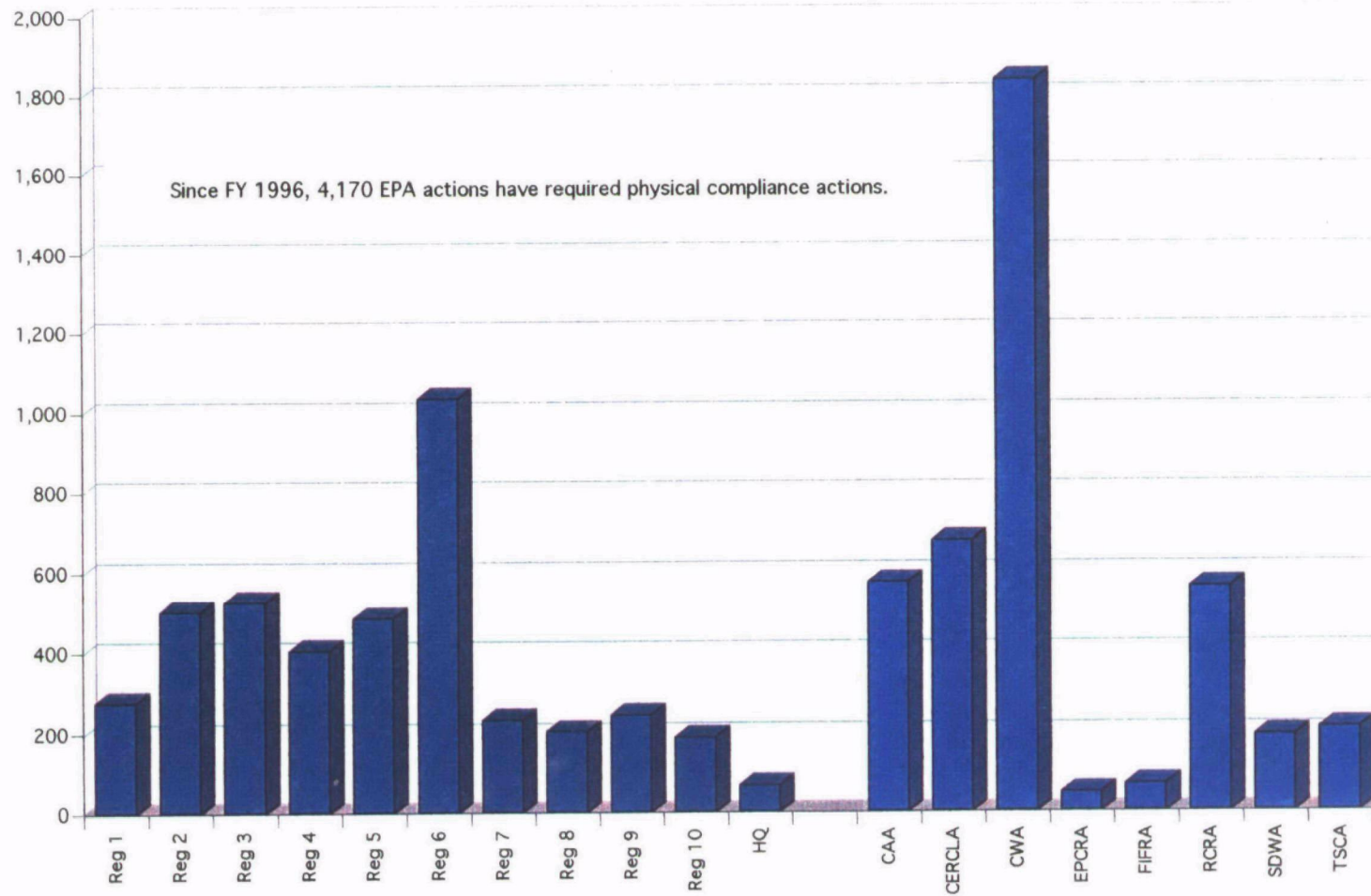
Complying actions were reported for 4,455 of the 5,609 FY 2000 settlements. Multiple complying actions were reported for many settlements.

Source: Docket



## Number of Formal Actions That Required a Physical Compliance Action Since FY 1996

(FY 1996 through FY 2000)



November 28, 2000 - OECA/OC/EPTDD/TEB

**FY 2000 Concluded EPA Enforcement Actions: Types of Compliance Activity  
- By Region (Does Not Include SEP Impacts)**

Type of Impact from FY 2000 Cases	Region I	Region II	Region III	Region IV	Region V	Region VI	Region VII	Region VIII	Region IX	Region X	HQ	TOTALS
Use Reduction	3	6	7	2	4	120	5	2	3	5	0	157
Industrial Process Change	4	4	3	4	7	121	5	9	6	2	1	166
Emissions/Discharge Change	8	26	88	6	11	145	17	9	11	15	0	336
Storage/Disposal Change	10	16	9	5	9	125	15	16	8	10	0	223
Remediation/Restoration	11	11	129	32	12	150	11	27	28	7	6	424
Removal	15	13	19	34	12	139	17	17	18	14	1	299
Remedial Design/Remedial Action	3	5	7	3	2	20	1	0	3	0	0	44
Testing	19	51	18	28	11	192	37	10	15	26	5	412
Auditing	6	2	22	22	2	127	4	4	41	11	17	258
Monitoring/Sampling Only	0	6	3	36	0	1	22	4	1	5	0	78
Total Monitoring/Sampling	28	70	32	131	14	216	115	39	32	31	6	714
Recordkeeping Only	1	11	1	8	0	0	24	0	3	3	1	52
Total Recordkeeping	24	133	115	81	24	278	120	23	37	50	12	897
Labeling/Manifesting	7	16	12	33	6	119	11	8	7	0	4	223
Reporting Only	92	447	179	159	0	136	255	89	200	5	0	1,562
Total Reporting	113	590	204	254	23	545	341	130	277	48	16	2,541
Information Letter Response	5	28	6	7	7	122	3	8	10	5	1	202
Permit Application	4	16	81	6	3	122	1	2	4	3	2	244
Training	9	28	93	17	4	200	10	7	4	5	13	390
Provide Site Access	7	11	14	20	5	122	9	8	13	4	1	214
Site Assessment	3	6	4	16	4	122	5	4	5	4	1	174
Remedial Investigation/Feasibility Study	3	5	2	8	1	0	1	2	2	0	0	24
Other Result/Impact Only	22	85	34	324	120	104	3	43	19	6	1	761
Total Other Result/Impact	38	110	120	383	208	386	8	64	29	22	7	1,375
Total # of Case Settlements/Conclusions	237	920	526	772	403	1,150	542	313	437	168	141	5,609
# of Settlements w/actions reported	189	786	424	728	215	869	487	243	361	118	35	4,455
Total # of Impact Types	354	1,179	1,030	1,115	446	3,554	739	412	604	287	98	9,818
cases were for penalty only	34	32	45	23	77	183	3	23	51	25	5	501
Multiple complying actions were reported for some settlements.												
Average Actions per Case Reported	1.9	1.5	2.4	1.5	2.1	4.1	1.5	1.7	1.7	2.4	2.8	2.2

**Frequency Distribution of Specific Complying Actions as a Percent  
of Settlements for Each Region in FY 2000**

<u>Type of Impact from FY 2000 Cases</u>	Region I	Region II	Region III	Region IV	Region V	Region VI	Region VII	Region VIII	Region IX	Region X	HQ	TOTALS
Use Reduction	1.3%	0.7%	1.3%	0.3%	1.0%	10.4%	0.9%	0.6%	0.7%	3.0%	0.0%	2.8%
Industrial Process Change	1.7%	0.4%	0.6%	0.5%	1.7%	10.5%	0.9%	2.9%	1.4%	1.2%	0.7%	3.0%
Emissions/Discharge Change	3.4%	2.8%	16.7%	0.8%	2.7%	12.6%	3.1%	2.9%	2.5%	8.9%	0.0%	6.0%
Storage/Disposal Change	4.2%	1.7%	1.7%	0.6%	2.2%	10.9%	2.8%	5.1%	1.8%	6.0%	0.0%	4.0%
Remediation/Restoration	4.6%	1.2%	24.5%	4.1%	3.0%	13.0%	2.0%	8.6%	6.4%	4.2%	4.3%	7.6%
Removal	6.3%	1.4%	3.6%	4.4%	3.0%	12.1%	3.1%	5.4%	4.1%	8.3%	0.7%	5.3%
Remedial Design/Remedial Action	1.3%	0.5%	1.3%	0.4%	0.5%	1.7%	0.2%	0.0%	0.7%	0.0%	0.0%	0.8%
Testing	8.0%	5.5%	3.4%	3.6%	2.7%	16.7%	6.8%	3.2%	3.4%	15.5%	3.5%	7.3%
Auditing	2.5%	0.2%	4.2%	2.8%	0.5%	11.0%	0.7%	1.3%	9.4%	6.5%	12.1%	4.6%
Monitoring/Sampling Only	0.0%	0.7%	0.6%	4.7%	0.0%	0.1%	4.1%	1.3%	0.2%	3.0%	0.0%	1.4%
Total Monitoring/Sampling	11.8%	7.6%	6.1%	17.0%	3.5%	18.8%	21.2%	12.5%	7.3%	18.5%	4.3%	12.7%
Recordkeeping Only	0.4%	1.2%	0.2%	1.0%	0.0%	0.0%	4.4%	0.0%	0.7%	1.8%	0.7%	0.9%
Total Recordkeeping	10.1%	14.5%	21.9%	10.5%	6.0%	24.2%	22.1%	7.3%	8.5%	29.8%	8.5%	16.0%
Labeling/Manifesting	3.0%	1.7%	2.3%	4.3%	1.5%	10.3%	2.0%	2.6%	1.6%	0.0%	2.8%	4.0%
Reporting Only	38.8%	48.6%	34.0%	20.6%	0.0%	11.8%	47.0%	28.4%	45.8%	3.0%	0.0%	27.8%
Total Reporting	47.7%	64.1%	38.8%	32.9%	5.7%	47.4%	62.9%	41.5%	63.4%	28.6%	11.3%	45.3%
Information Letter Response	2.1%	3.0%	1.1%	0.9%	1.7%	10.6%	0.6%	2.6%	2.3%	3.0%	0.7%	3.6%
Permit Application	1.7%	1.7%	15.4%	0.8%	0.7%	10.6%	0.2%	0.6%	0.9%	1.8%	1.4%	4.4%
Training	3.8%	3.0%	17.7%	2.2%	1.0%	17.4%	1.8%	2.2%	0.9%	3.0%	9.2%	7.0%
Provide Site Access	3.0%	1.2%	2.7%	2.6%	1.2%	10.6%	1.7%	2.6%	3.0%	2.4%	0.7%	3.8%
Site Assessment	1.3%	0.7%	0.8%	2.1%	1.0%	10.6%	0.9%	1.3%	1.1%	2.4%	0.7%	3.1%
Remedial Investigation/Feasibility Study	1.3%	0.5%	0.4%	1.0%	0.2%	0.0%	0.2%	0.6%	0.5%	0.0%	0.0%	0.4%
Other Result/Impact Only	9.3%	9.2%	6.5%	42.0%	29.8%	9.0%	0.6%	13.7%	4.3%	3.6%	0.7%	13.6%
Total Other Result/Impact	16.0%	12.0%	22.8%	49.6%	51.6%	33.6%	1.5%	20.4%	6.6%	13.1%	5.0%	24.5%
Total # of Case Settlements/Conclusions	237	920	526	772	403	1,150	542	313	437	168	141	5,609
# of Settlements w/actions reported	189	786	424	728	215	869	487	243	361	118	35	4,455
Total # of Impact Types	354	1,179	1,030	1,115	446	3,554	739	412	604	287	98	9,818
501 cases were for penalty only	14.3%	3.5%	8.6%	3.0%	19.1%	15.9%	0.6%	7.3%	11.7%	14.9%	3.5%	8.9%

OECA/OC/EPTDD/TEB - November 28, 2000

**FY 2000 Concluded EPA Enforcement Actions: Types of Compliance Activity  
- By Law (Does Not Include SEP Impacts)**

<u>Type of Impact from FY 2000 Cases</u>	CAA	CERCLA	CWA	EPCRA	FIFRA	RCRA	SDWA	TSCA	TOTALS
Use Reduction	12	0	123	4	5	9	0	4	157
Industrial Process Change	12	2	128	4	3	11	4	2	166
Emissions/Discharge Change	38	5	273	2	0	16	1	1	336
Storage/Disposal Change	7	2	145	1	9	40	2	17	223
Remediation/Restoration	17	29	326	1	1	28	10	12	424
Removal	6	59	186	0	9	23	0	16	299
Remedial Design/Remedial Action	0	23	19	0	0	1	1	0	44
Testing	40	15	145	0	0	138	52	22	412
Auditing	16	1	125	90	2	9	0	15	258
Monitoring/Sampling Only	0	2	38	0	0	32	6	0	78
Total Monitoring/Sampling	64	40	272	2	3	183	116	34	714
Recordkeeping Only	13	0	0	2	2	16	4	15	52
Total Recordkeeping	88	18	362	35	28	172	128	66	897
Labeling/Manifesting	10	5	120	1	42	28	2	15	223
Reporting Only	118	4	68	97	35	4	1,222	14	1,562
Total Reporting	188	22	298	203	60	66	1,664	40	2,541
Information Letter Response	18	8	148	2	2	14	8	2	202
Permit Application	7	0	232	1	0	3	1	0	244
Training	33	2	287	3	6	17	26	16	390
Provide Site Access	0	56	138	1	0	18	0	1	214
Site Assessment	0	11	138	0	2	20	2	1	174
Remedial Investigation/Feasibility Study	0	19	0	0	0	4	1	0	24
Other Result/Impact Only	28	119	193	16	60	29	313	3	761
Total Other Result/Impact	64	146	335	36	79	72	620	23	1,375
Penalty Only	72	17	204	40	69	51	7	41	501
Total # of Cases	534	381	1,264	382	264	445	2,134	205	5,609
Total # of Impact Types	692	480	4,004	426	320	923	2,645	328	9,818
# of Settlements w/ Action Listed	338	286	926	235	173	337	2019	141	4,455

Complying action data were provided for 4,956 of the 5,609 FY 2000 settlements.  
Multiple complying actions were reported for many settlements.

OECA/OC/EPTDD/TEB - November 22, 2000

**Frequency Distribution of Specific Complying Actions as a Percent  
of Settlements for each Statute in FY 2000**

**Type of Impact from FY 2000 Cases**

	CAA	CERCLA	CWA	EPCRA	FIFRA	RCRA	SDWA	TSCA	TOTALS
Use Reduction	2.2%	0.0%	9.7%	1.0%	1.9%	2.0%	0.0%	2.0%	2.8%
Industrial Process Change	2.2%	0.5%	10.1%	1.0%	1.1%	2.5%	0.2%	1.0%	3.0%
Emissions/Discharge Change	7.1%	1.3%	21.6%	0.5%	0.0%	3.6%	0.0%	0.5%	6.0%
Storage/Disposal Change	1.3%	0.5%	11.5%	0.3%	3.4%	9.0%	0.1%	8.3%	4.0%
Remediation/Restoration	3.2%	7.6%	25.8%	0.3%	0.4%	6.3%	0.5%	5.9%	7.6%
Removal	1.1%	15.5%	14.7%	0.0%	3.4%	5.2%	0.0%	7.8%	5.3%
Remedial Design/Remedial Action	0.0%	6.0%	1.5%	0.0%	0.0%	0.2%	0.0%	0.0%	0.8%
Testing	7.5%	3.9%	11.5%	0.0%	0.0%	31.0%	2.4%	10.7%	7.3%
Auditing	3.0%	0.3%	9.9%	23.6%	0.8%	2.0%	0.0%	7.3%	4.6%
Monitoring/Sampling Only	0.0%	0.5%	3.0%	0.0%	0.0%	7.2%	0.3%	0.0%	1.4%
Total Monitoring/Sampling	12.0%	10.5%	21.5%	0.5%	1.1%	41.1%	5.4%	16.6%	12.7%
Recordkeeping Only	2.4%	0.0%	0.0%	0.5%	0.8%	3.6%	0.2%	7.3%	0.9%
Total Recordkeeping	16.5%	4.7%	28.6%	9.2%	10.6%	38.7%	6.0%	32.2%	16.0%
Labeling/Manifesting	1.9%	1.3%	9.5%	0.3%	15.9%	6.3%	0.1%	7.3%	4.0%
Reporting Only	22.1%	1.0%	5.4%	25.4%	13.3%	0.9%	57.3%	6.8%	27.8%
Reporting	35.2%	5.8%	23.6%	53.1%	22.7%	14.8%	78.0%	19.5%	45.3%
Information Letter Response	3.4%	2.1%	11.7%	0.5%	0.8%	3.1%	0.4%	1.0%	3.6%
Permit Application	1.3%	0.0%	18.4%	0.3%	0.0%	0.7%	0.0%	0.0%	4.4%
Training	6.2%	0.5%	22.7%	0.8%	2.3%	3.8%	1.2%	7.8%	7.0%
Provide Site Access	0.0%	14.7%	10.9%	0.3%	0.0%	4.0%	0.0%	0.5%	3.8%
Site Assessment	0.0%	2.9%	10.9%	0.0%	0.8%	4.5%	0.1%	0.5%	3.1%
Remedial Investigation/Feasibility Study	0.0%	5.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.4%
Other Result/Impact Only	5.2%	31.2%	15.3%	4.2%	22.7%	6.5%	14.7%	1.5%	13.6%
Total Other Result/Impact	12.0%	38.3%	26.5%	9.4%	29.9%	16.2%	29.1%	11.2%	24.5%
Penalty Only	13.5%	4.5%	16.1%	10.5%	26.1%	11.5%	0.3%	20.0%	8.9%
Total # of Cases	534	381	1,264	382	264	445	2,134	205	5,609
Total # of Impact Types	692	480	4,004	426	320	923	2,645	328	9,818
# of Settlements w/ Action Listed	338	286	926	235	173	337	2,019	141	4,455

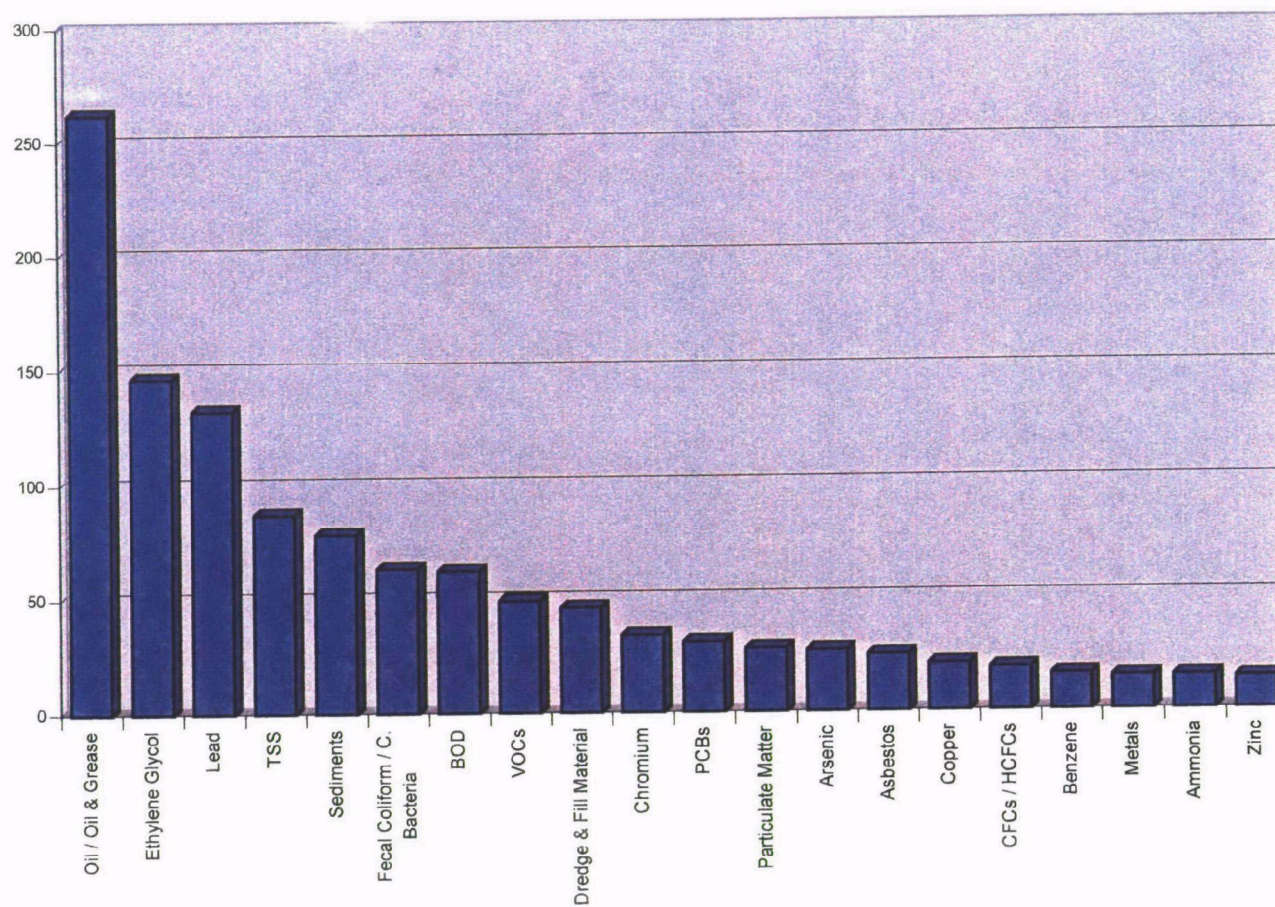
Complying action data were provided for 4,956 of the 5,609 FY 2000 settlements.

Multiple complying actions were reported for many settlements.

OECA/OC/EPTDD/TEB - November 28, 2000

# FY 2000 National Pollutant Reduction Data from Case Conclusion Data in the Docket

## Pollutants Most Frequently Identified as Required Reductions

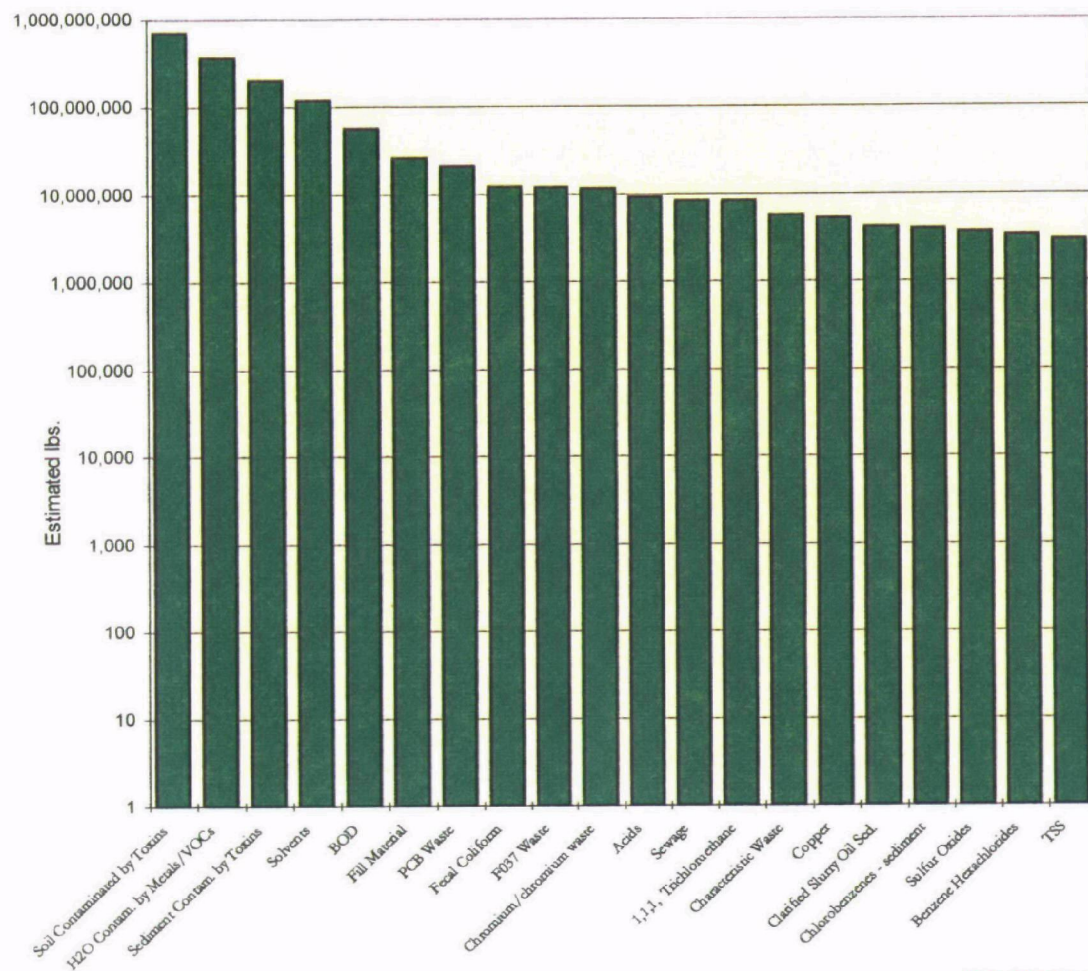


In 853 of the 5,609 FY 2000 civil settlements at least one pollutant was listed as being reduced through the enforcement action.

November 30, 2000 - OECA/OC/EPTDD/IUTB



## Twenty Pollutants with the Largest Reductions Reported for FY 2000 EPA Enforcement Settlements



Note: Chart is in Log<sub>10</sub> scale

Pollutant	Lbs. Reduced
Soil Contam. by Toxins	707,222,000
H2O Contam. w/ Metals/VOCs	366,520,000
Sediment Contam. by Toxins	198,800,000
Solvents	116,946,244
BOD	56,360,147
Fill Material	26,146,000
PCB Waste	20,886,506
Fecal Coliform	12,226,303
F037 Waste	12,000,000
Chromium/chromium waste	11,670,591
Acids	9,206,250
Sewage	8,330,000
1,1,1, Trichloroethane	8,330,000
Characteristic Waste	5,755,000
Copper	5,308,817
Clarified Slurry Oil in Sed.	4,200,000
Chlorobenzenes- sediment	4,000,000
Sulfur Oxides	3,694,600
Benzene Hexachlorides	3,400,000
TSS	3,008,847

December 1, 2000 - OECA/OC/EPTDD/IUTB

# National Totals - FY 2000 Enforcement Activity

## EPA Regional Inspections

	FY 98	FY 99	FY 00
CAA Stationary	2,722	1,406	1,284
CAA CFCs	Inc Above	1,227	579
CAA CFCs	64	39	34
Asbestos D & R	806	437	151
NPDES Minors	1,116	965	1,141
NPDES Majors	1,019	949	640
Pretreatment IUs	NA	NA	277
Pretreat. POTWs	NA	NA	115
CWA 311	1,344	1,424	1,549
CWA 404	968	1,079	964
EPCRA 313	584	513	472
EPCRA non-313	804	521	1,366
FIFRA	264	259	799
RCRA	2,727	2,214	1,524
UST	1,253	1,482	1,185
SDWA-PWSS	223	449	488
SDWA-UIC	7,760	6,880	6,227
TSCA	1,537	2,003	1,400
Total	23,237	21,847	20,195

SOURCE program databases/IDEA, manual reports

There were also 101 GLP inspections and 323 data audits by HQ (OC/AED/LDIB)

FY 1998 total includes 46 "other" inspections FY 00 projections 56 "other"

## EPA Administrative Compliance Orders Issued

SOURCE Docket

	FY 98	FY 99	FY 00
CAA	277	298	219
CERCLA	233	247	251
CWA-NPDES	770	549	596
CWA-311	5	8	29
CWA-404	74	64	102
EPCRA	4	0	1
FIFRA	18	28	64
RCRA	49	50	42
SDWA-PWSS	280	251	2,067
SDWA-UIC	7	18	17
TSCA	4	3	0
Total	1,721	1,516	3,388

In addition, there were 80 HQ CAA Mobile Source NOV's w/ penalties

## EPA Administrative Penalty Order Complaints

	FY 98	FY 99	FY 00
CAA	156	193	160
CERCLA	1	0	0
CWA-NPDES	232	192	295
CWA-311	133	204	208
CWA-404	24	40	41
EPCRA	233	285	390
FIFRA	187	274	199
RCRA	155	197	212
SDWA-PWSS	26	20	20
SDWA-UIC	39	44	41
TSCA	214	205	197
Total	1,400	1,654	1,763

SOURCE Docket,

MPRSA cases included under NPDES

## EPA Adm Penalty Settlements (Conclusions)

	FY 98	FY 99	FY 00
CAA	127	154	182
CERCLA	3	1	0
CWA-NPDES	183	186	291
CWA-311	110	148	180
CWA-404	31	31	44
EPCRA	259	244	379
FIFRA	173	223	200
RCRA	149	134	201
SDWA-PWSS	14	16	21
SDWA-UIC	29	24	27
TSCA	167	197	205
Total	1,245	1,358	1,730

SOURCE Docket,

## EPA Field Citations

	FY 98	FY 99	FY 00
UST	194	311	192

SOURCE Docket

## New EPA Civil Referrals to DOJ

	FY 98	FY 99	FY 00
CAA	113	110	125
CERCLA	138	148	121
CWA-NPDES	52	58	46
CWA-311	17	16	16
CWA-404	12	12	11
EPCRA	11	12	8
FIFRA	4	0	0
RCRA	49	39	28
SDWA-PWSS	11	4	4
SDWA-UIC	4	1	3
TSCA	0	3	6
Total	411	403	368

SOURCE Docket

## EPA Civil Judicial Settlements

	FY 98	FY 99	FY 00
CAA	46	48	53
CERCLA	148	124	130
CWA-NPDES	26	16	12
CWA-311	5	1	6
CWA-404	2	7	4
EPCRA	3	1	2
FIFRA	4	1	0
RCRA	14	11	10
SDWA-PWSS	1	5	0
SDWA-UIC	1	1	2
TSCA	3	0	0
Total	253	215	219

SOURCE Docket

## Audit Policy Notices of Decision

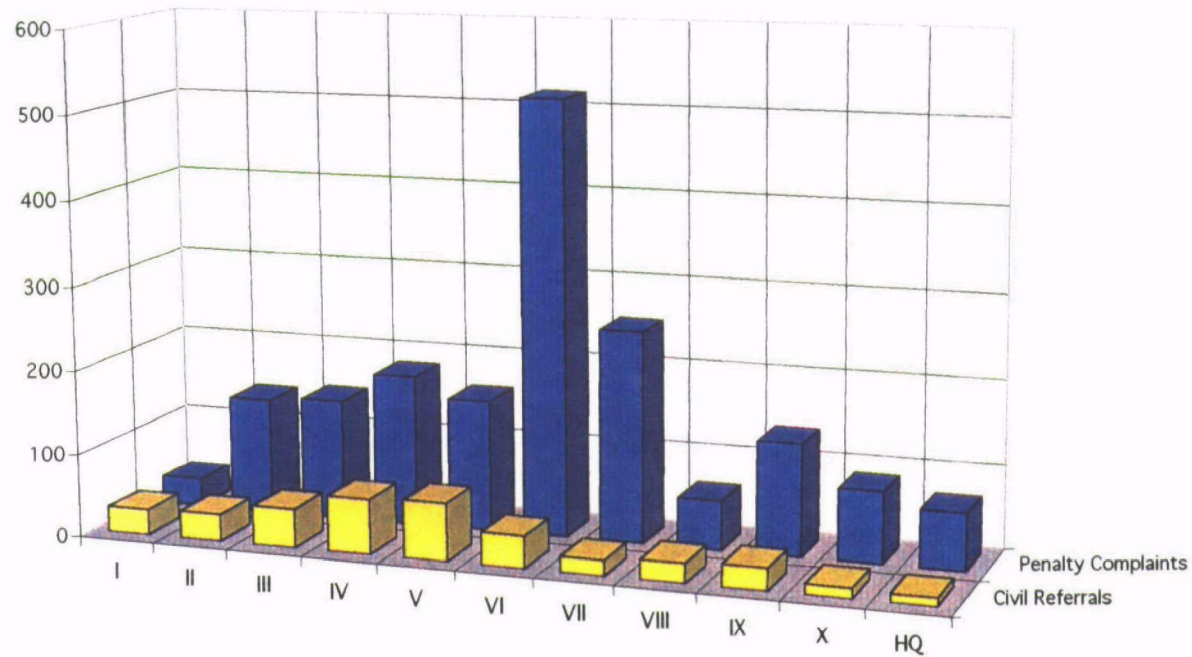
	FY 98	FY 99	FY 00
All Statutes	NA	NA	144

SOURCE Docket

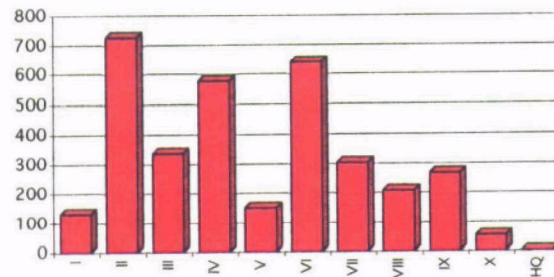
January 24, 2001 - OECA/OC/EPTDD/IUTB



# FY 2000 New Formal Enforcement Actions (by Region and Type of Case)

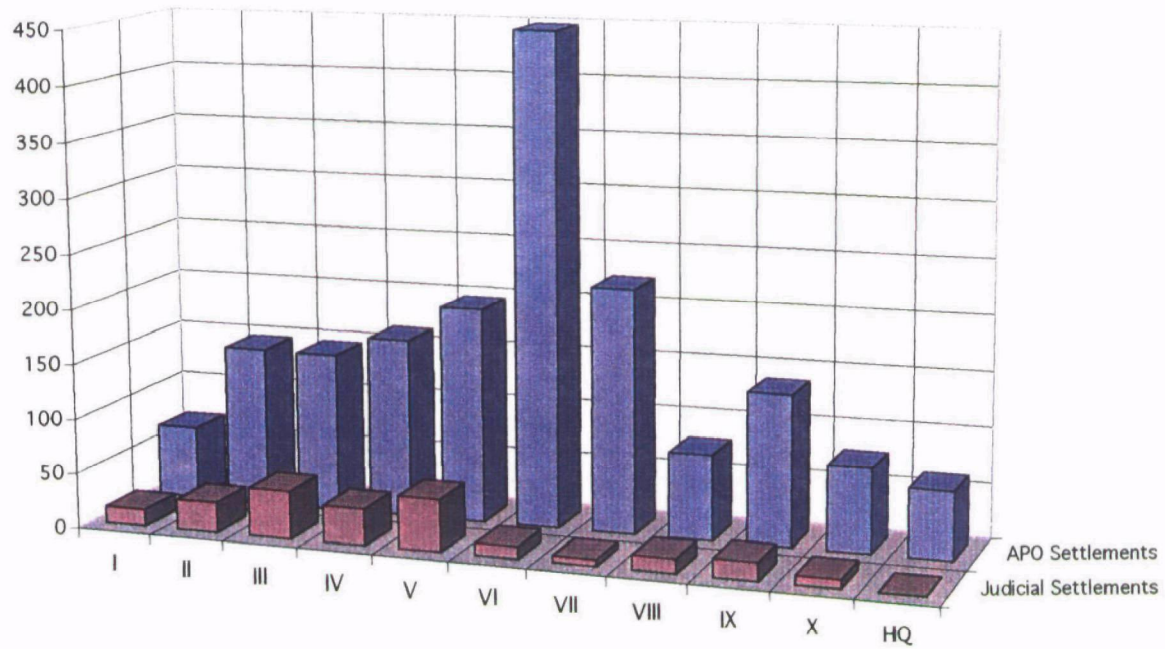


## Compliance Orders



November 24, 2000 - OECA/OC/EPTDD/IUTB

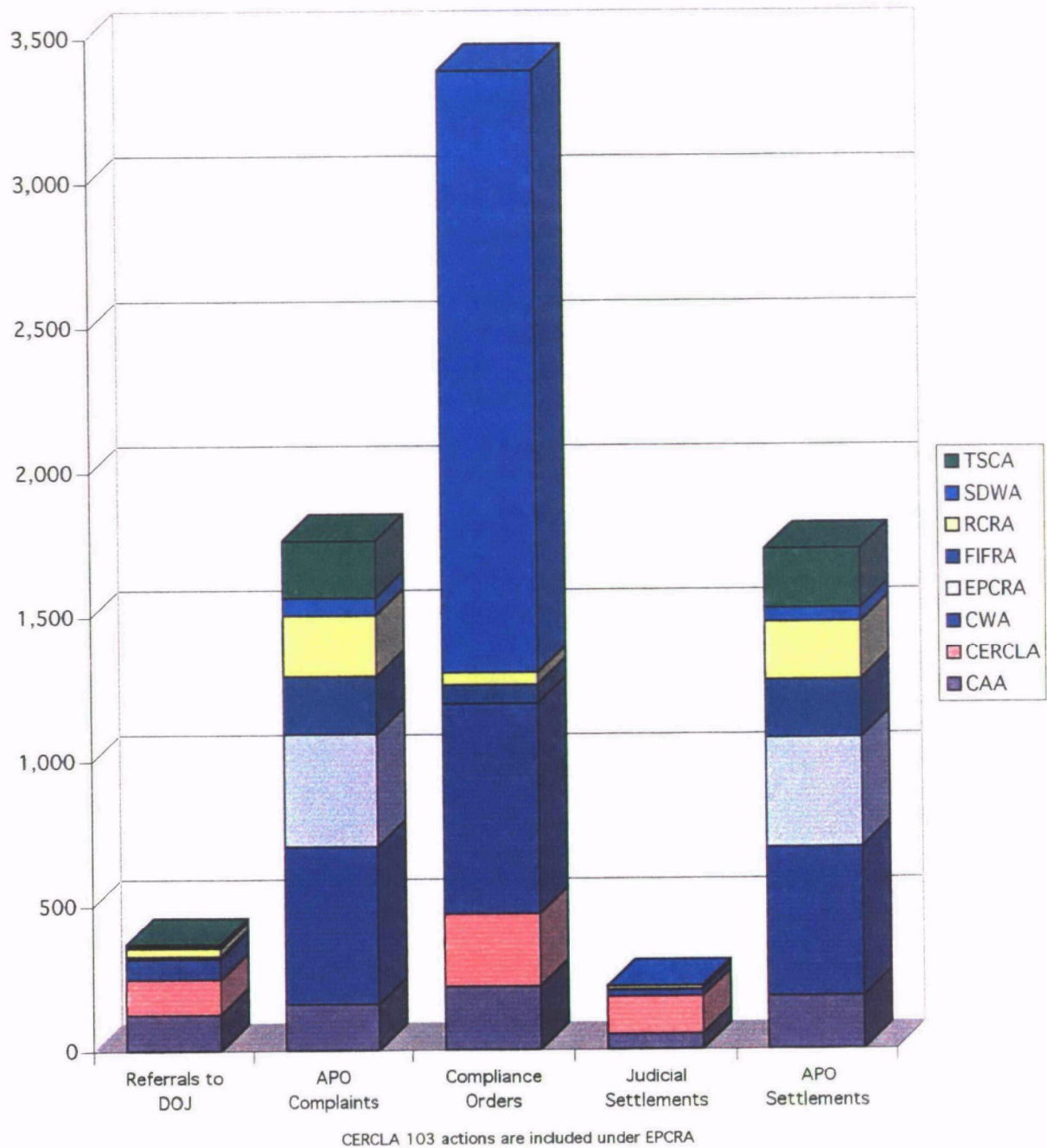
# FY 2000 Enforcement Action Conclusions/Settlements (by Region and Type of Case)



Source: Civil Docket

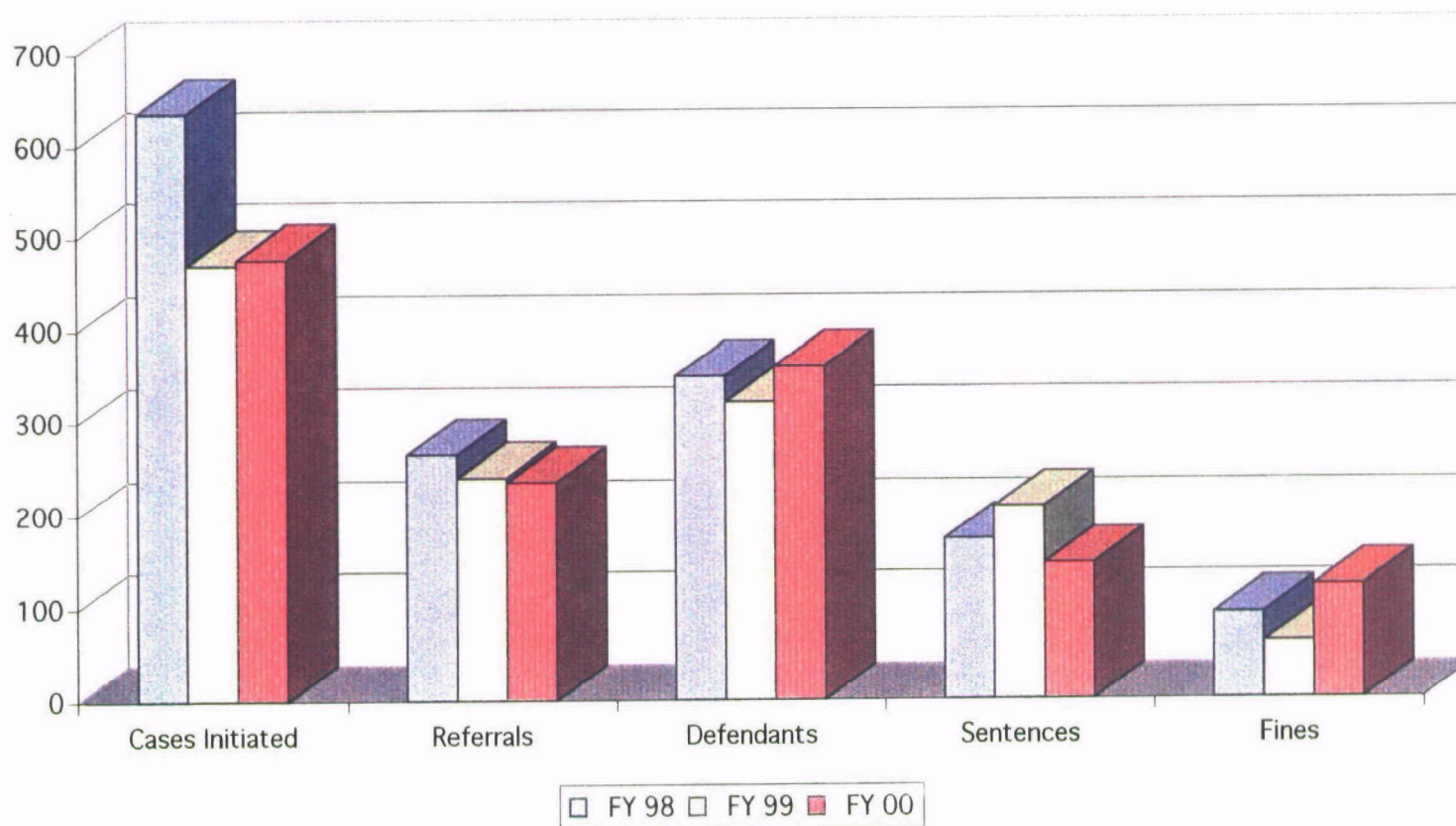
November 24, 2000 - OECA/OC/EPTDD/IUTB

# FY 2000 EPA Case Initiations and Conclusions by Statute



November 24, 2000 - OECA/OC/EPTDD/TEB

## EPA Criminal Enforcement : Major Outputs FY 1998 to FY 2000



	<u>Cases Initiated</u>	<u>Referrals</u>	<u>Defendants Charged</u>	<u>Sentences (Years)</u>	<u>Fines (\$ Millions)</u>
FY 1998	636	266	350	172.9	92.8
FY 1999	471	241	322	208.3	61.6
FY 2000	477	236	360	146.2	122.0

December 15, 2000 - OECA/OC/EPTDD/IUTB

# FY 2000 Civil Referrals to DOJ Compared to FY 1998 and FY 1999 Referrals (by Statute and Region)

	Regions																											Totals					
	I			II			III			IV			V			VI			VII			VIII			IX						X		
	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	97	98	00
CAA	6	6	4	9	8	7	15	9	11	8	9	30	26	34	19	16	14	21	6	9	4	1	3	6	12	13	11	6	3	6	113	109	125
CERCLA	7	14	13	17	17	16	23	35	23	21	27	29	35	22	17	2	5	1	7	9	9	5	8	5	7	8	3	14	3	5	138	148	121
CWA	1	12	12	7	8	5	8	10	10	12	10	3	21	21	16	7	8	9	6	4	1	8	5	6	9	4	8	2	4	1	81	87	73
EPCRA	0	0	0	0	0	0	1	1	0	1	0	0	1	2	2	1	1	1	2	4	3	0	0	0	5	3	0	0	1	0	11	12	8
FIFRA	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0
RCRA	3	1	0	2	4	3	2	2	2	10	9	3	7	13	11	10	2	5	4	2	1	7	4	2	2	2	1	2	0	0	49	39	28
SDWA	1	0	0	6	0	1	1	1	0	2	1	0	1	0	0	1	0	0	0	0	0	2	1	4	0	1	2	1	1	0	15	5	7
TSCA	0	0	1	0	0	0	0	0	0	0	0	0	0	3	3	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	3	6
Totals	18	33	30	41	37	32	50	58	46	56	56	65	93	95	68	37	30	38	25	28	18	23	21	23	35	31	26	25	12	12	411	403	368

The FY 1998 CWA total for Region IX includes one MPRSA case.

FY 1998 CAA and National totals include eight HQ Mobile Source referrals and the FY 1999 CAA totals include two HQ Mobile Source referrals.

The National FY 2000 totals include 10 HQ referrals (six CAA, two CWA and two EPCRA).

November 27, 2000 - OECA/OC/EPTDD/IUTB

# FY 2000 APO Complaints Compared to FY 1998 and FY 1999 APOs (by Statute and Region)

	Regions																																
	I			II			III			IV			V			VI			VII			VIII			IX			X			Totals		
	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00	98	99	00
CAA	6	11	5	12	13	15	20	16	4	11	27	11	41	50	20	20	20	31	22	28	48	5	6	5	15	15	11	4	6	7	156	193	160
CWA	21	31	6	35	34	39	27	37	40	39	45	34	23	16	16	184	204	333	14	12	23	14	18	10	13	8	14	19	23	26	389	436	544
EPCRA	6	10	5	21	30	24	21	18	40	56	39	48	45	49	60	37	39	47	22	55	25	4	5	4	17	25	69	4	5	17	233	285	390
FIFRA	1	4	1	6	8	10	7	16	13	25	23	25	15	25	30	46	98	43	46	10	32	5	56	11	18	26	22	4	1	7	187	274	199
RCRA	10	32	7	16	16	22	23	12	24	17	19	17	13	11	15	48	58	29	13	23	65	10	11	10	3	10	10	2	5	12	155	197	212
SDWA	0	0	0	10	8	13	0	5	2	16	27	22	17	6	6	11	9	5	0	0	0	9	7	13	1	1	0	1	1	0	65	64	61
TSCA	7	2	9	15	17	16	6	17	21	24	14	23	92	25	10	21	26	28	23	40	58	5	24	5	2	5	8	4	32	15	214	205	197
Totals	51	90	33	115	126	139	104	121	144	188	194	180	246	182	157	367	454	516	140	168	251	53	127	58	69	90	134	38	73	84	1,400	1,654	1,763

## HQ Cases

	98	99	00
CAA	0	1	3
CWA	0	8	3
EPCRA	0	10	51
FIFRA	14	7	5
RCRA	0	0	1
TSCA	15	3	4
Totals	29	29	67

Note that totals above right include HQ cases (from left chart)

EPCRA totals include CERCLA 103 complaints

Region II's FY 1998 CWA total includes two MPRSA actions, Region IX's FY 1998 CWA total includes 3 MPRSA actions

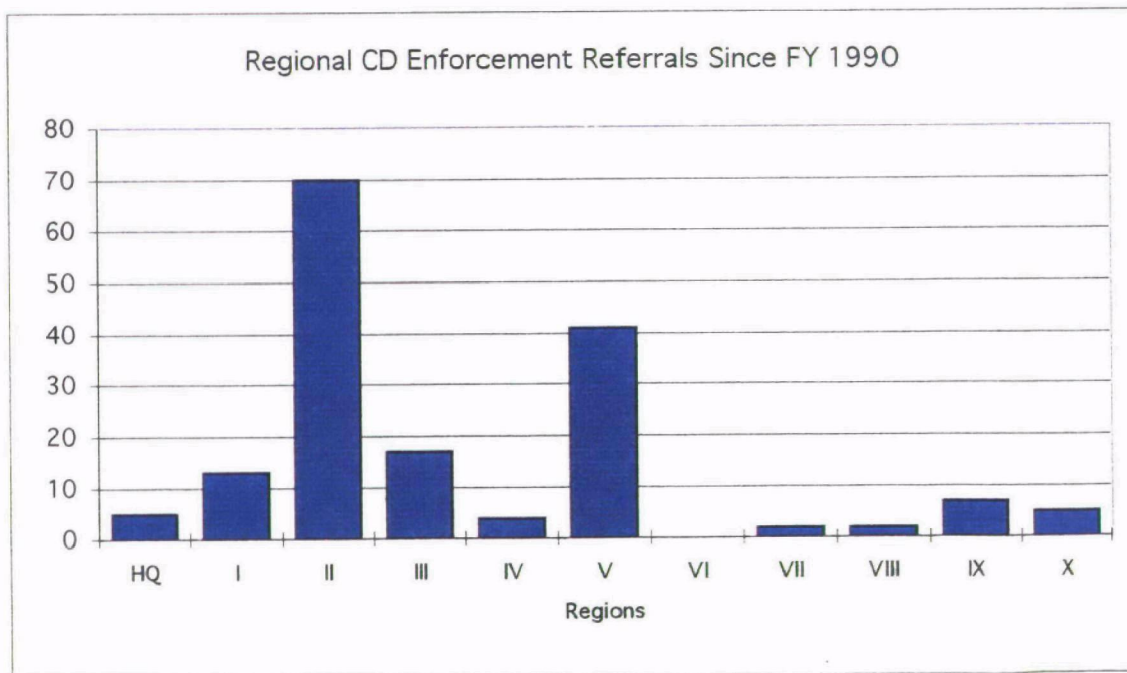
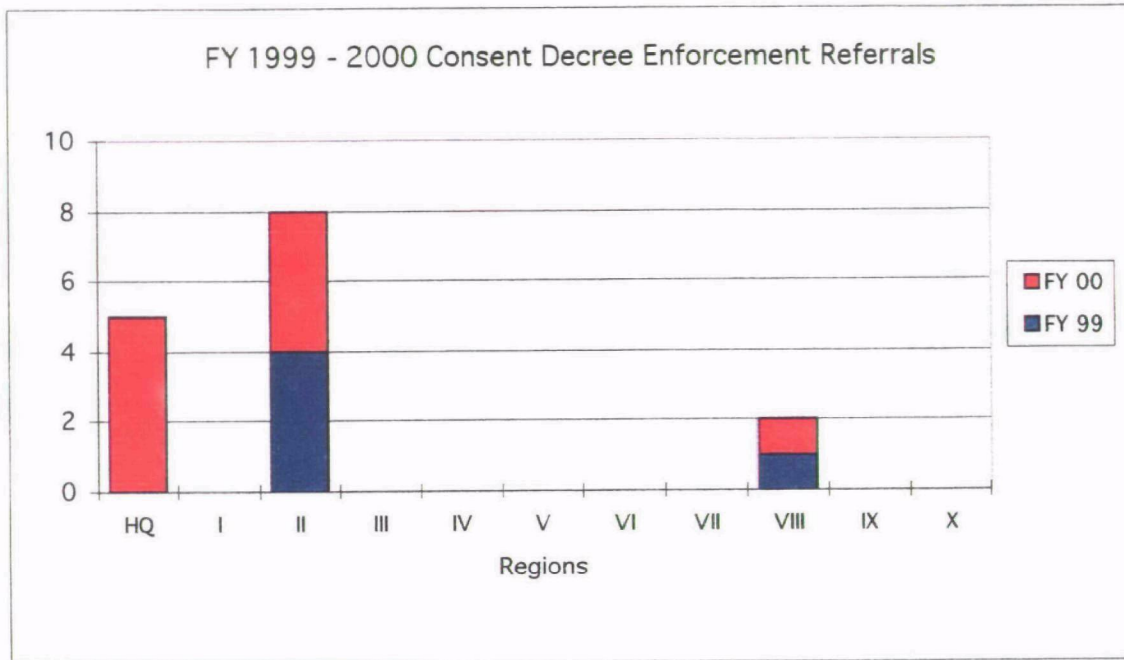
This tabulation does not include RCRA/UST field citations or CAA Mobile Source NOV's with penalty cases

Region VIII and national FY 1998 totals include one CERCLA penalty order

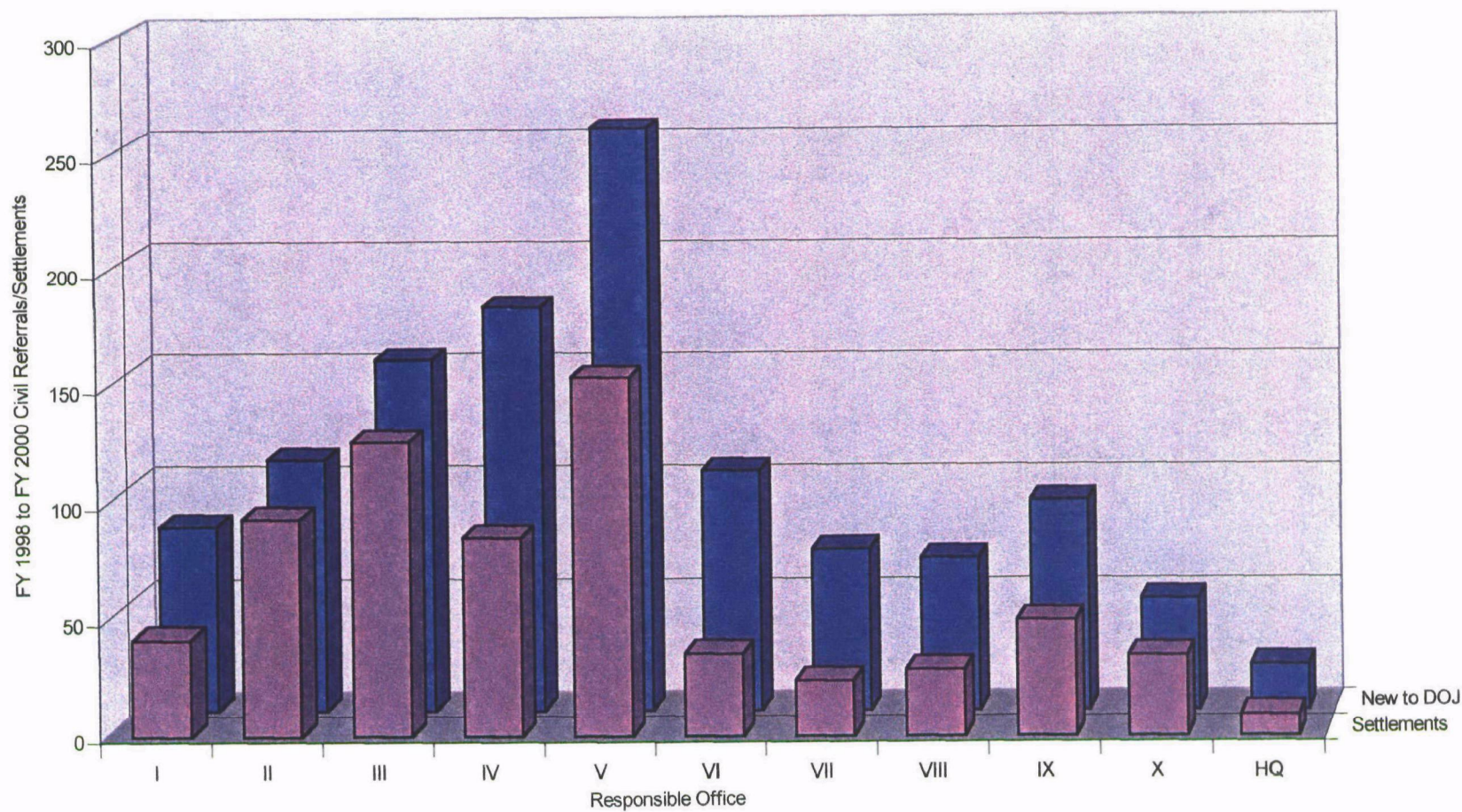
November 27, 2000 - OECA/OC/EPTDD/IUTB



## Regional Enforcement of Consent Decree Violations



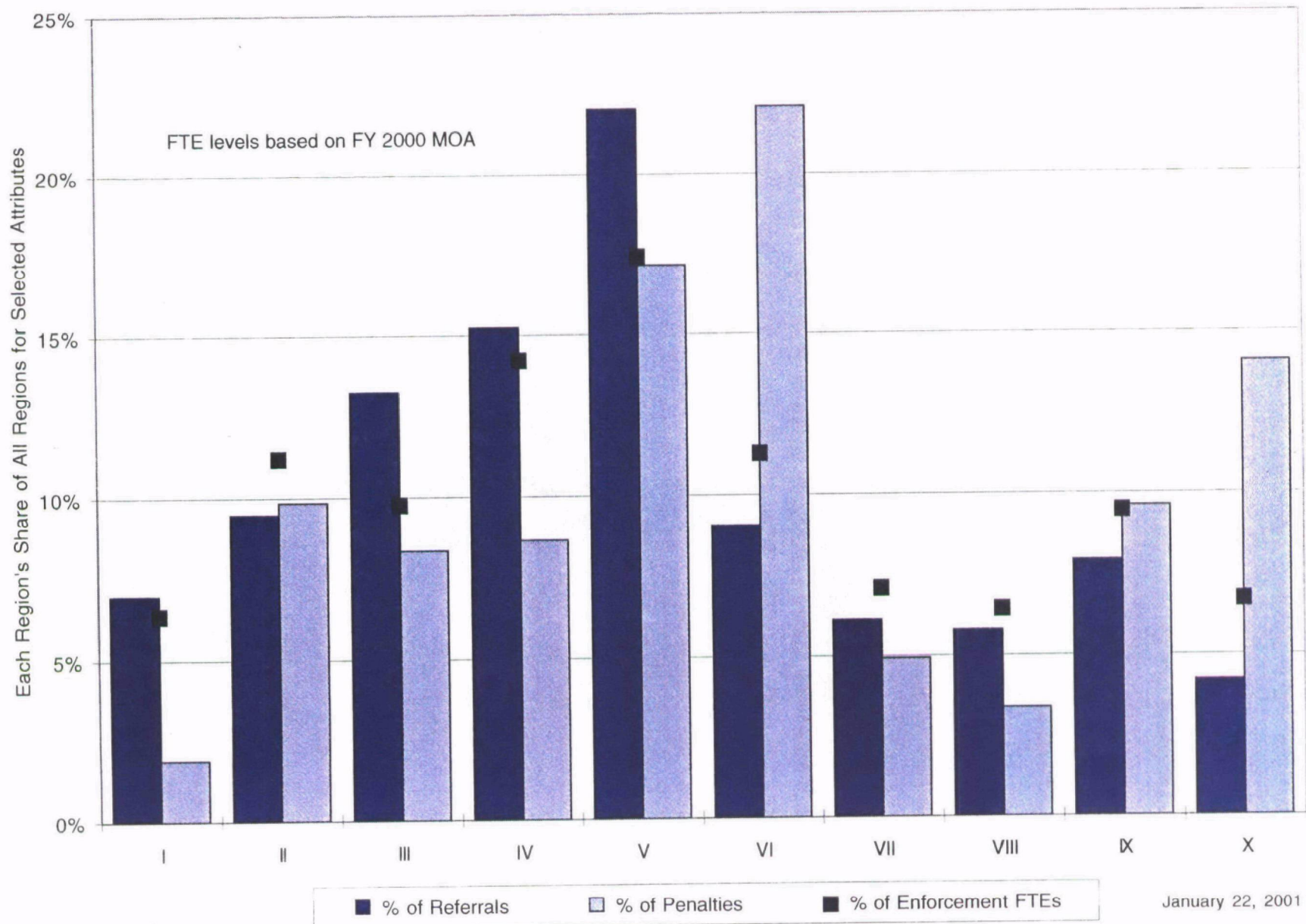
# EPA Civil Referrals to DOJ and Judicial Settlements During FY 1998 to FY 2000 (by Office)



November 27, 2000 - OECA/OC/EPTDD/IUTB

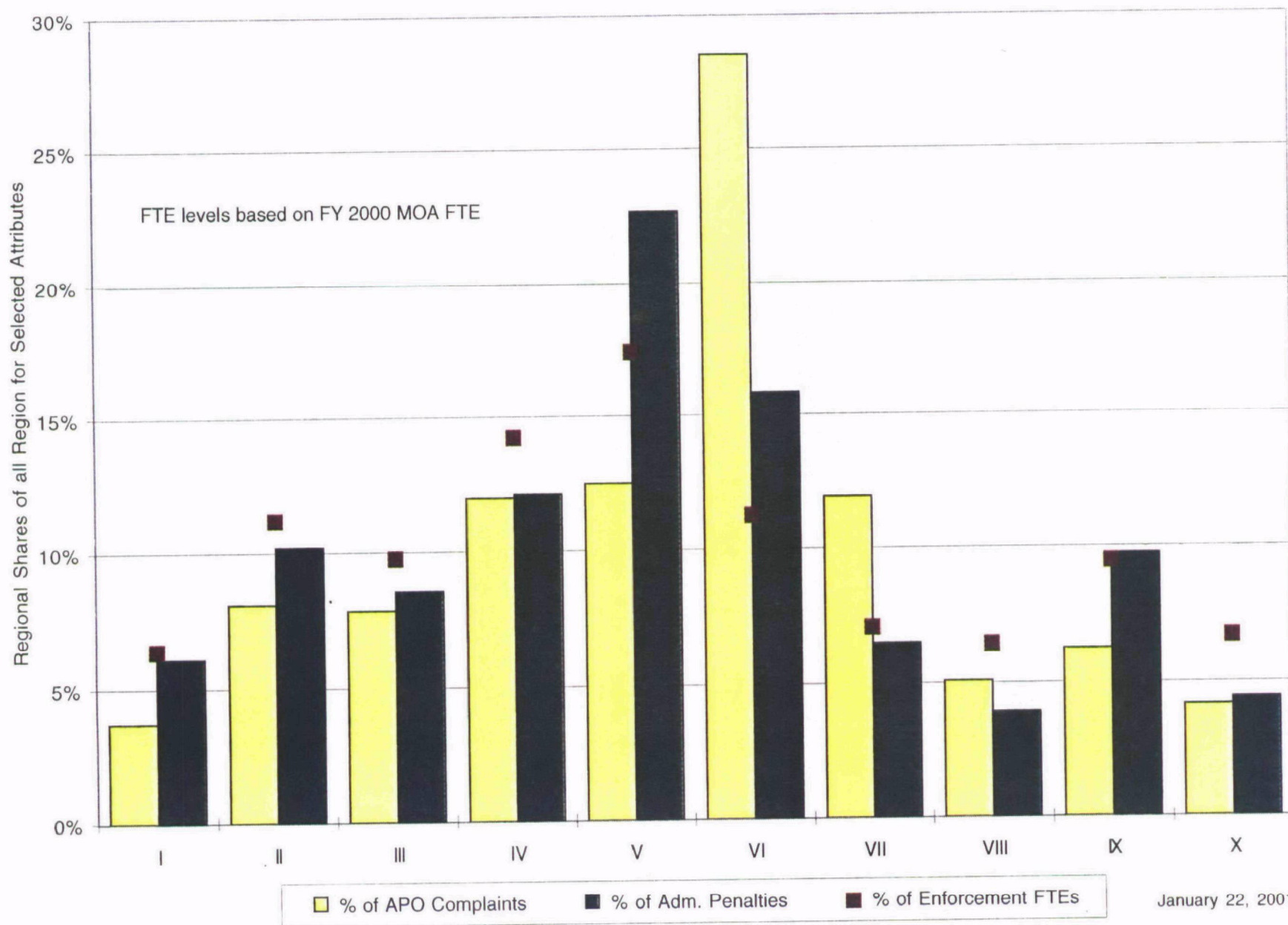


## Regional Civil Judicial Outputs FY 1998 to FY 2000 Compared to FTE Levels



January 22, 2001

# Regional Administrative Outputs FY 1998 to FY 2000 Compared to FTE Levels



January 22, 2001

## Regional Proportions of Selected Significant FY 2000 Enforcement Outputs

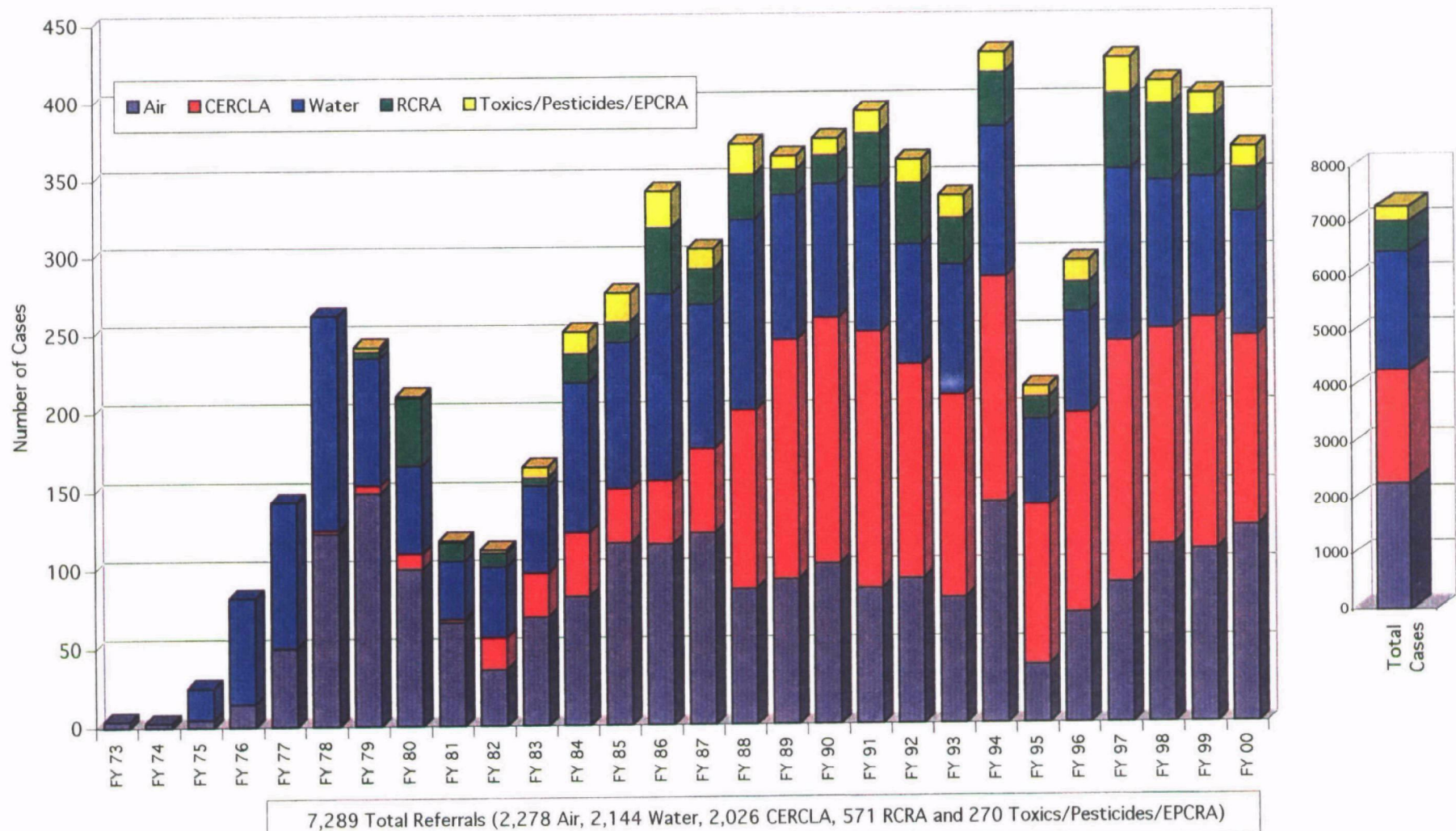
	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10
<b><u>Case Initiations</u></b>										
Civil Referrals to DOJ	8.4%	8.9%	12.8%	18.2%	19.0%	10.6%	5.0%	6.4%	7.3%	3.4%
APO Complaints	1.9%	8.2%	8.5%	10.6%	9.3%	30.4%	14.8%	3.4%	7.9%	5.0%
Criminal Referrals	1.9%	8.2%	8.5%	10.6%	9.3%	30.4%	14.8%	3.4%	7.9%	5.0%
<b><u>Case Conclusions</u></b>										
Civil Jud. Settlements	6.8%	12.3%	19.6%	15.1%	21.5%	5.0%	2.7%	5.9%	7.3%	3.7%
Final APO s Issued	4.0%	8.7%	8.6%	9.7%	11.7%	26.8%	13.2%	4.6%	8.1%	4.6%
Compliance Orders	3.9%	21.5%	9.9%	17.0%	4.4%	18.9%	8.9%	6.1%	7.9%	1.5%
<b><u>SEPs</u></b>										
# of Cases with SEPs	5.8%	13.6%	8.4%	16.2%	17.3%	17.8%	6.8%	4.2%	5.2%	4.7%
<b><u>Value of Cases</u></b>										
Dollar Value of SEPs	3.9%	9.2%	8.7%	5.9%	44.0%	22.2%	1.8%	0.3%	3.4%	0.5%
Civil Judicial Penalties	0.3%	16.7%	7.3%	6.5%	14.8%	42.3%	0.7%	4.8%	5.6%	1.0%
Administrative Penalties	6.2%	12.0%	7.4%	8.1%	25.6%	12.6%	7.7%	4.6%	10.6%	5.3%
Criminal Penalties	4.9%	6.0%	3.8%	20.4%	10.6%	14.5%	0.4%	1.8%	9.0%	28.7%
Injunctive Relief Value	25.2%	9.8%	12.0%	8.2%	10.5%	3.1%	2.8%	12.3%	15.9%	0.3%

Percentage calculation denominator is total of all Regional actions.

March 20, 2001 - OECA/OC/EPTDD/IUTB

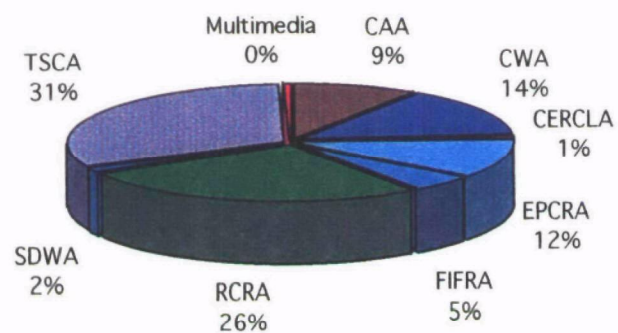


# EPA Civil Referrals to DOJ Since FY 1973



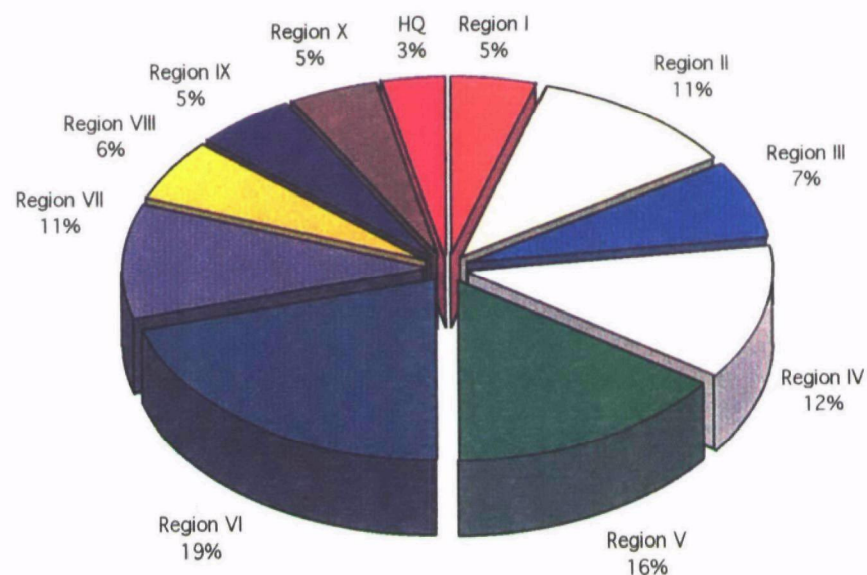
January 17, 2001 - OECA/OC/EPTDD/IUTB

EPA Administrative Penalties Since FY 1978 by Statute

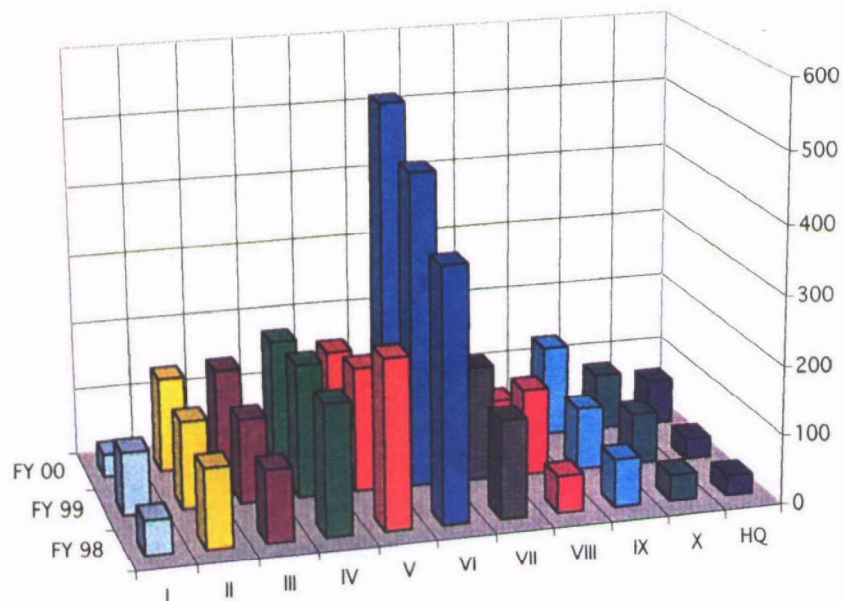


Total Administrative Penalties = \$415,427,625

% of EPA APO Complaints FY 1991 to FY 2000 by Region

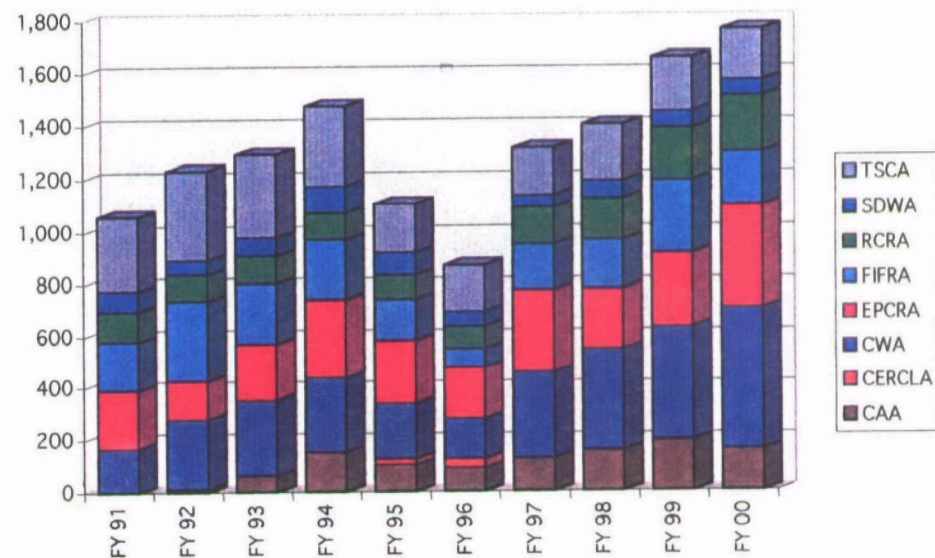


APO Complaints Since FY 1998 (by Region)



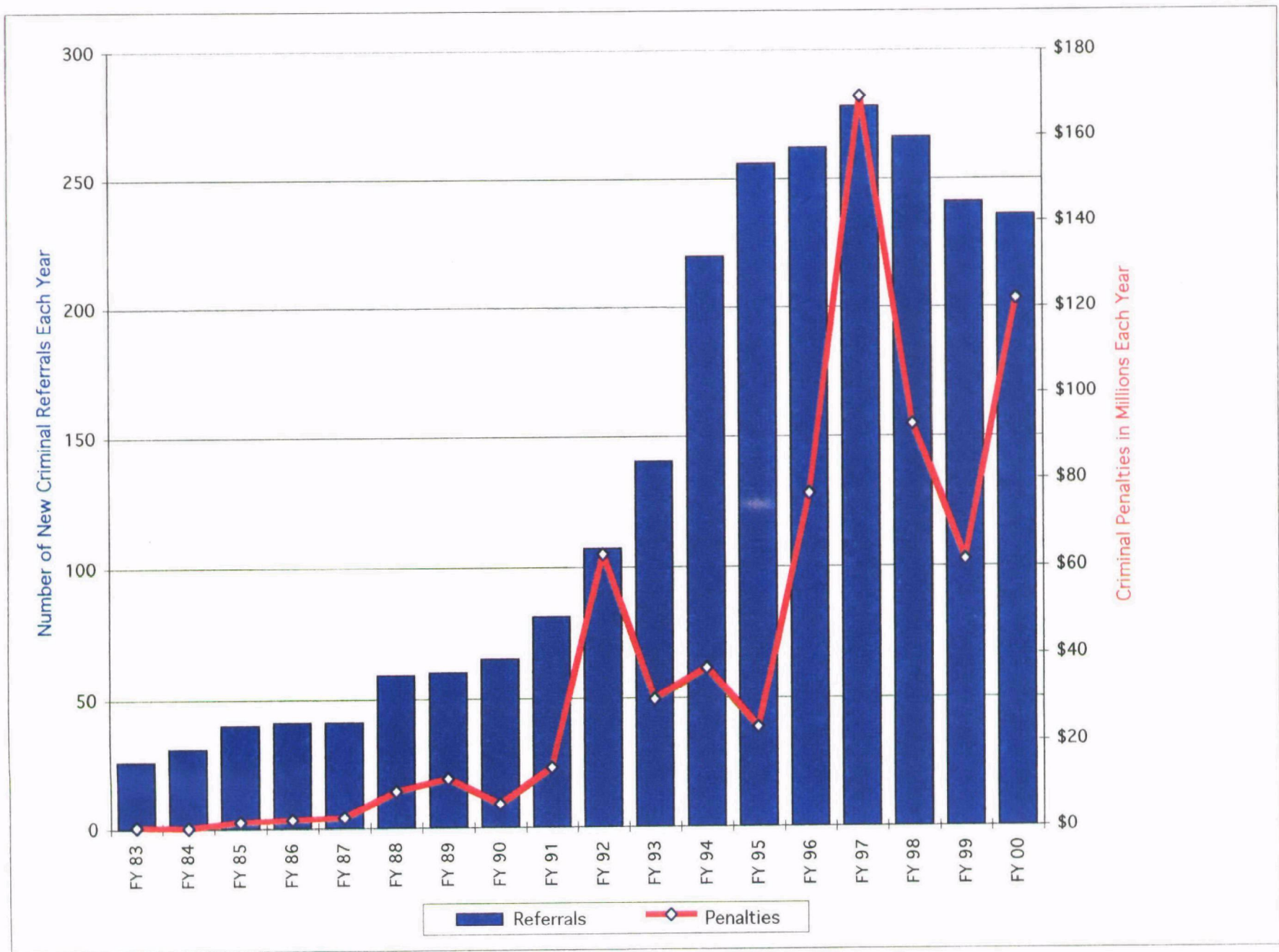
Data Source: Docket and Historical Records

EPA APO Complaints Since FY 1991 by Statute





## EPA Criminal Program Shows Consistent Growth in Key Outputs Since FY 1983



# **FY 2000 State Enforcement Activity (by Region)**

Administrative Orders	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
CAA <sup>1</sup>	91	320	189	346	147	206	75	125	191	38	1,728
CWA <sup>2</sup>	23	411	36	1,020	212	244	52	14	67	11	2,090
FIFRA <sup>3</sup>	41	68	103	185	44	15	15	2	70	66	609
SDWA (PWSS) <sup>4</sup>	104	382	61	508	63	73	207	13	80	150	1,641
SDWA (UIC)	State AO data not available										NA
RCRA <sup>5</sup>	48	169	51	285	120	154	11	37	10	63	948
<b>Total</b>	<b>307</b>	<b>1,350</b>	<b>440</b>	<b>2,344</b>	<b>586</b>	<b>692</b>	<b>360</b>	<b>191</b>	<b>418</b>	<b>328</b>	<b>7,016</b>

State Referrals	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
CAA <sup>6</sup>	9	0	6	13	29	7	12	26	0	9	111
CWA <sup>7</sup>	11	7	5	19	44	0	22	5	9	0	122
SDWA (PWSS) <sup>8</sup>	8	4	2	19	3	0	2	1	1	0	40
SDWA (UIC)	State referral data not available										NA
RCRA <sup>9</sup>	3	0	20	45	16	7	6	16	1	5	119
<b>Total</b>	<b>31</b>	<b>11</b>	<b>33</b>	<b>96</b>	<b>92</b>	<b>14</b>	<b>42</b>	<b>48</b>	<b>11</b>	<b>14</b>	<b>392</b>

<sup>1</sup>AFS field: ANT1 = 8C. National Asbestos Registry System (NARS) fields: AONCOUNT, APOCOUNT, AOSCOUNT, APSCOUNT; RPTAGENCY = S or L.  
NARS data missing from some States because the data was not submitted.

<sup>2</sup>PCS fields. ENAC = AA, AC, AE, AF, C1, 21, 22, 23, 55, 56, 62, 63, 68, 72, 75, 76, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 96, and 97; EATP = S. If the PCS Docket number was not entered for an enforcement action, that action was not counted. In addition, actions with repeat PCS Docket numbers were only counted once.

<sup>3</sup>FTTS fields: CC, LCCM, LCR, LCS & SS

<sup>4</sup>SDWIS Fields SFL, SFO.

<sup>5</sup>RCRAInfo RCRA AOs = 200 and 300 series, actions addressing the same violations only counted once.

<sup>6</sup>AFS fields ANT1 = 1E, 9C, 1D NARS fields. CRNCOUNT, CRSCOUNT; RPTAGENCY = S or L. NARS data missing from some States because the data was not submitted.

<sup>7</sup>Sent manually.

<sup>8</sup>SDWIS Fields SF8, SF9

<sup>9</sup>RCRAInfo Referrals = 400 and 500 series; actions addressing the same violations only counted once.

**FY 2000 Notices of Violation by Regions**  
(NPMS Set 9)

<u>Primary Law</u>	Region I	Region II	Region III	Region IV	Region V	Region VI	Region VII	Region VIII	Region IX	Region X	National Total
<u>CAA</u>	3	8	9	49	109	5	15	2	16	15	231
<u>CWA/NPDES</u>	0	228	1	296	4	511	0	5	0	17	1,062
<u>RCRA</u>	32	66	10	3	51	7	84	4	30	26	313
<u>EPCRA</u>	0	0	32	0	0	0	0	0	0	0	32
<u>FIFRA</u>	12	34	44	26	160	0	25	0	67	38	406
<u>TSCA</u>	11	28	25	36	100	5	357	19	74	33	688
<u>SDWA</u>	94	NR	597	65	211	991	1	31	NR	580	2,570
<b>Total NOVs</b>	<b>152</b>	<b>364</b>	<b>718</b>	<b>475</b>	<b>635</b>	<b>1,519</b>	<b>482</b>	<b>61</b>	<b>187</b>	<b>709</b>	<b>5,302</b>

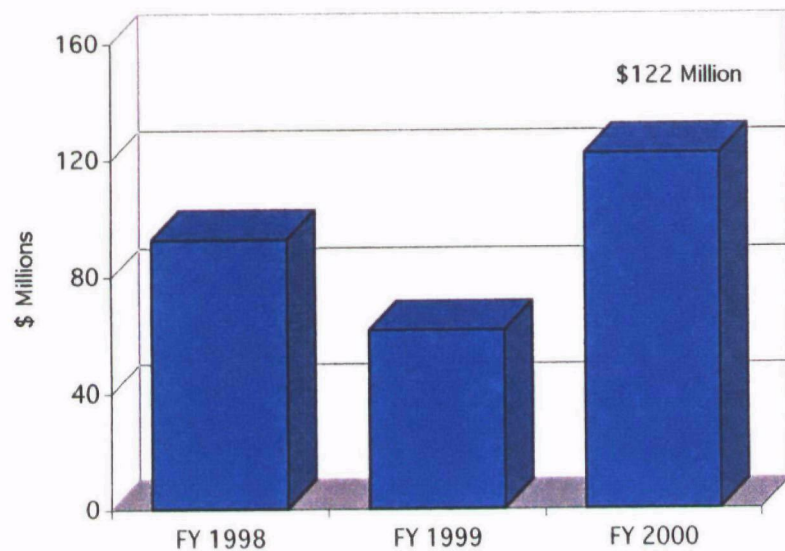
Source IDEA & SDWIS

Note	CAA(AFS) Criteria	RANT1 = 5A or 6A and RDTA1 is in FY 2000
	CWA/NPDES (PCS) Criteria	ENAC = 03, 20, A8, 98 or 99 and EATP = E and ENDT is in FY 2000
	EPCRA (NCDB) Criteria	ACTNTYP - FNN or NON and LEGISLA = E and AOISSUE is in FY 2000
	FIFRA (NCDB) Criteria	ACTNTYP = 14W, 9WR, NOV, IRE, ADL, FRE, NOI or NOD and LEGISLA = F and AOISSUE is in FY 2000
	RCRA (RCRAInfo) Criteria	ENFTYPE = HQ120 or HQ190 and ENFAGN = E or X and EDATE is in FY 2000
	TSCA (NCDB) Criteria	ACTNTYP = FNN, FNS, NON or APN and LEGISLA = T and AOISSUE is in FY 2000
	SDWA (SDWIS) Criteria	Enforcement Codes = EIA or EFJ

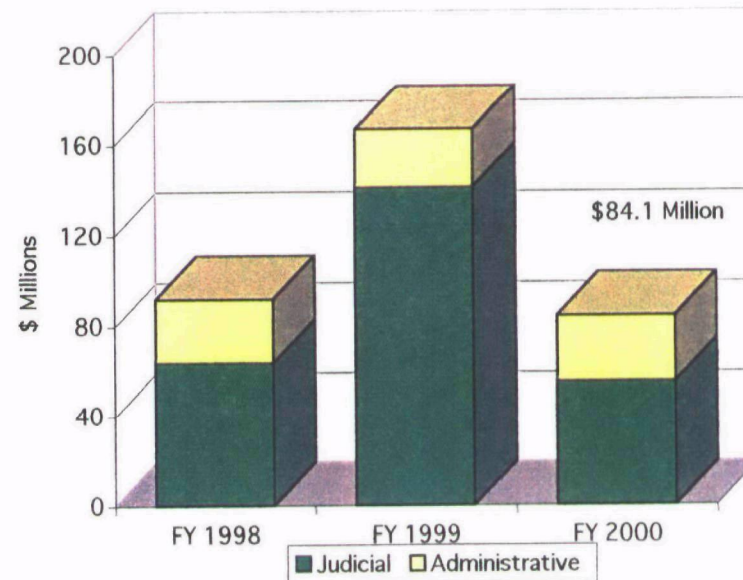


## Dollar Value of EPA Enforcement Actions Concluded in FY 2000

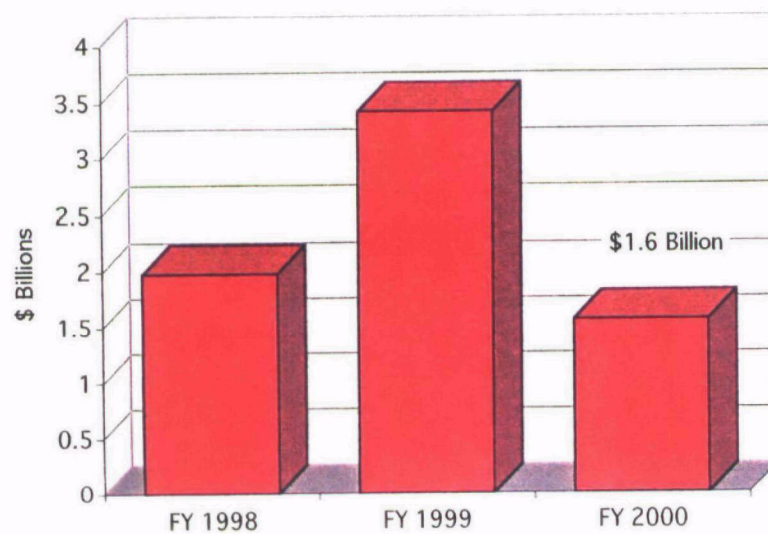
EPA Criminal Penalties



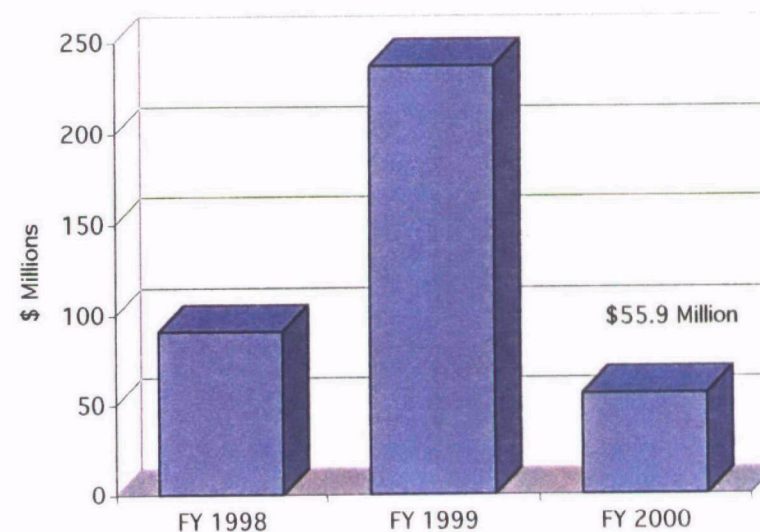
EPA Civil Penalties



Value of Injunctive Relief

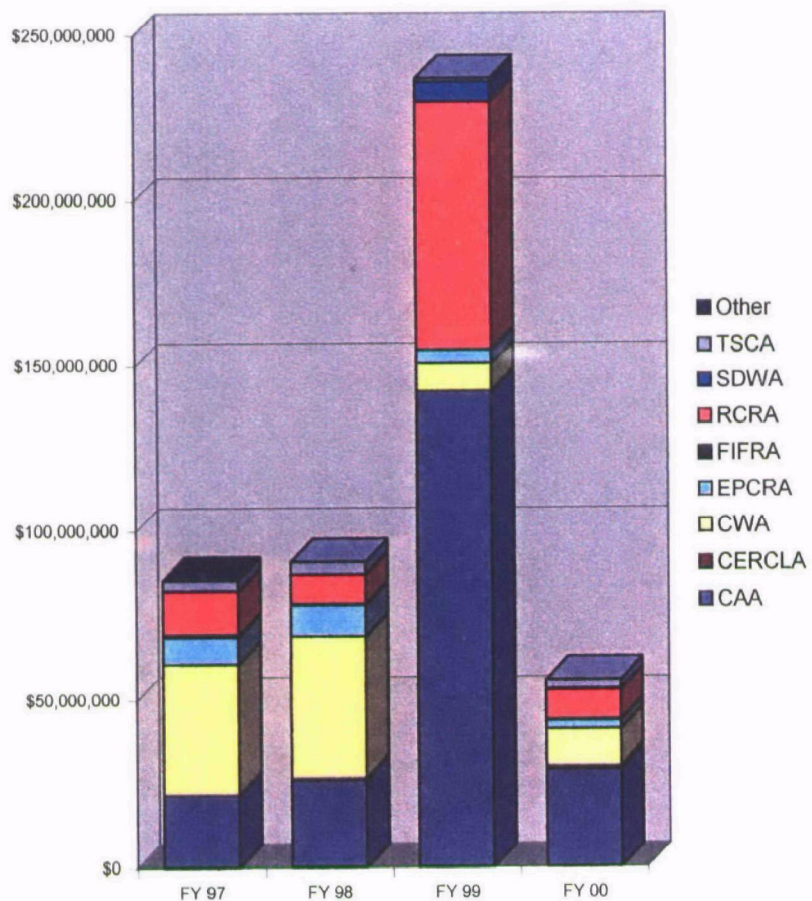


Value of EPA SEPs

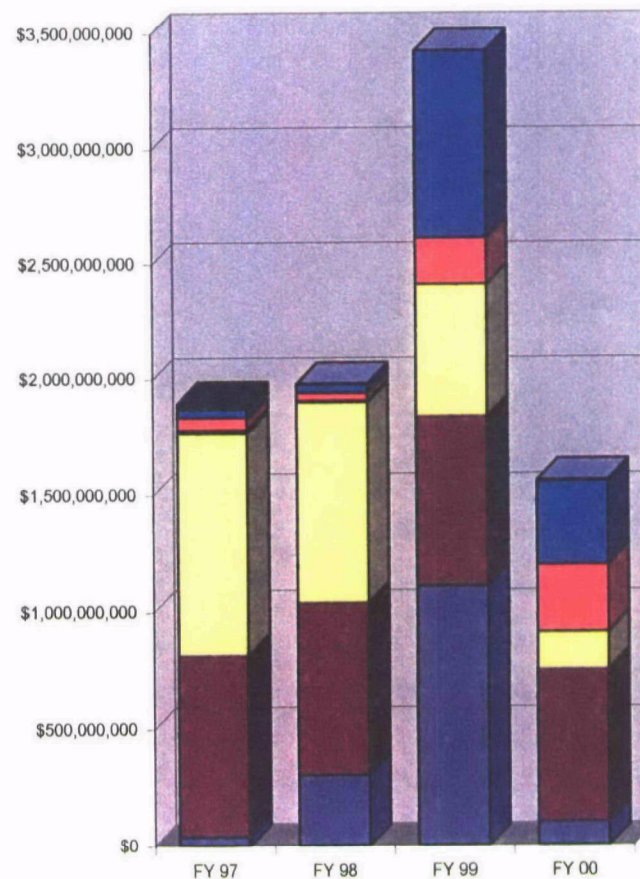


# EPA Enforcement Case Values Beyond Penalty Assessments - FY 1997 to FY 2000

## Value of SEPs Incorporated in Settlements



## Injunctive Relief Value Incorporated in Settlements



December 4, 2000 - OECA/OC/EPTDD/TEB

# Dollar Value of FY 2000 EPA Enforcement Actions (by Region)

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	\$5,938,574	\$165,000	\$1,141,903	\$393,027,188	\$2,146,584
Region II	\$7,363,469	\$9,170,500	\$1,995,799	\$152,614,114	\$5,092,573
Region III	\$4,618,730	\$4,003,493	\$2,019,148	\$187,624,663	\$4,827,194
Region IV	\$24,885,468	\$3,583,877	\$4,964,625	\$127,592,840	\$3,243,010
Region V	\$12,951,487	\$8,102,027	\$5,371,929	\$164,191,157	\$24,300,084
Region VI	\$17,633,777	\$18,218,940	\$3,984,465	\$48,820,435	\$12,232,357
Region VII	\$447,194	\$5,375,000	\$2,053,757	\$43,980,756	\$993,108
Region VIII	\$2,211,366	\$2,631,000	\$397,879	\$191,811,450	\$159,483
Region IX	\$10,945,914	\$3,054,277	\$2,116,885	\$248,992,808	\$1,900,540
Region X	\$34,978,509	\$547,651	\$693,688	\$4,028,375	\$278,463
HQ	\$0	\$0	\$769,801	\$140,578	\$715,000
Totals	\$121,974,488	\$54,851,765	\$25,509,879	\$1,562,824,364	\$55,888,396

Data comes from EPA criminal and civil dockets.

December 15, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 Enforcement Actions**  
 (% of Dollar Value of Enforcement Actions Produced by each Office)

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	4 9%	0 3%	4 5%	25 1%	3 8%
Region II	6.0%	16 7%	7 8%	9 8%	9 1%
Region III	3 8%	7 3%	7 9%	12 0%	8 6%
Region IV	20 4%	6 5%	19 5%	8 2%	5 8%
Region V	10 6%	14 8%	21 1%	10 5%	43 5%
Region VI	14 5%	33 2%	15 6%	3 1%	21 9%
Region VII	0 4%	9 8%	8 1%	2 8%	1 8%
Region VIII	1 8%	4.8%	1 6%	12 3%	0 3%
Region IX	9 0%	5 6%	8 3%	15 9%	3 4%
Region X	28 7%	1 0%	2 7%	0 3%	0 5%
HQ	0 0%	0 0%	3 0%	0 0%	1.3%
Totals	100 0%	100 0%	100 0%	100 0%	100 0%

Color Key.  = Less than 5 %  
 = More than 10%

Data comes from EPA criminal and civil dockets

December 15, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA Civil Penalties by Region**  
 (# of Settlements, Penalties Assessed, and Average Penalties)

	of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	* Admin. Penalty Order Settlements	Administrative Penalties Assessed*	Average Administrative Penalty
I	15	\$165,000	\$11,000	66	\$1,615,430	\$24,476
II	27	\$9,170,500	\$339,648	145	\$3,162,898	\$21,813
III	43	\$4,003,493	\$93,104	144	\$1,957,447	\$13,593
IV	33	\$3,583,877	\$108,602	162	\$2,153,633	\$13,294
V	47	\$8,102,027	\$172,384	195	\$6,770,679	\$34,721
VI	11	\$18,218,940	\$1,656,267	447	\$3,288,845	\$7,358
VII	6	\$5,375,000	\$895,833	221	\$2,042,727	\$9,243
VIII	13	\$2,631,000	\$202,385	77	\$1,208,846	\$15,699
IX	16	\$3,054,277	\$190,892	136	\$2,792,012	\$20,530
X	8	\$547,651	\$68,456	76	\$1,385,035	\$18,224
HQ	0	\$0	NA	61	\$2,232,443	\$36,597
Totals	219	\$54,851,765	\$250,465	1,730	\$28,609,995	\$16,538

\* The national total for administrative penalties was \$28,258,502 which included 80 HQ CAA Mobile Source NOV's with penalties of \$518,857 and 192 regional UST field citations for penalties of \$129,500

Chart data and calculations exclude CAA NOV's and UST Field Citations

December 15, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 EPA Enforcement Actions (by Statute)**

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
CAA	\$5,714,318	\$21,827,013	\$3,629,256	\$100,262,170	\$29,203,322
CERCLA	\$70,400	\$426,000	\$0	\$655,223,217	\$925,000
CWA	\$39,730,733	\$21,579,394	\$5,403,201	\$156,813,072	\$10,857,998
EPCRA	\$0	\$52,297	\$4,578,602	\$531,004	\$2,547,883
FIFRA	\$583,745	\$0	\$2,078,506	\$41,500	\$465,000
RCRA	\$38,509,153	\$10,863,061	\$9,401,878	\$285,736,136	\$8,802,318
SDWA	\$29,840,156	\$104,000	\$821,515	\$357,679,662	\$312,250
TSCA	\$1,492,084	\$0	\$3,345,544	\$6,537,603	\$2,774,625
*Title 18/Other	\$6,033,899	\$0	\$0	\$0	\$0
Totals	\$121,974,488	\$54,851,765	\$29,258,502	\$1,562,824,364	\$55,888,396

\*Criminal cases with U S Code - Title 18 or other violations

Data comes from EPA criminal and civil dockets

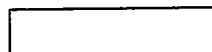
December 15, 2000 - OECA/OC/EPTDD/IUTB

# Dollar Value of FY 2000 Enforcement Actions

(% Accomplished Under Each Statute)

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
CAA	4.68%	39.79%	12.40%	6.42%	52.25%
CERCLA	0.06%	0.78%	0.00%	41.93%	1.66%
CWA	32.57%	39.34%	18.47%	10.03%	19.43%
EPCRA	0.00%	0.10%	15.65%	0.03%	4.56%
FIFRA	0.48%	0.00%	7.10%	0.00%	0.83%
RCRA	31.57%	19.80%	32.13%	18.28%	15.75%
SDWA	24.46%	0.19%	2.81%	22.89%	0.56%
TSCA	1.22%	0.00%	11.43%	0.42%	4.96%
Other	4.95%	0.00%	0.00%	0.00%	0.00%
Totals	100.0%	100.0%	100.0%	100.0%	100.0%

Color Key.



= Less than 5 %



= Over 15% Share

Data comes from EPA civil and criminal Dockets.

December 15, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA Civil Penalties by Statute**  
 (# of Cases w/Penalties, Penalties Assessed, and Average Penalties)

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin Penalty Order Settlements	Administrative Penalties Assessed*	Average Administrative Penalty
CAA	53	\$21,827,013	\$411,830	182	\$3,110,399	\$17,090
CERCLA	130	\$426,000	\$3,277	0	\$0	NA
CWA	22	\$21,579,394	\$980,882	515	\$5,403,201	\$10,492
EPCRA	2	\$52,297	\$26,149	379	\$4,578,602	\$12,081
FIFRA	0	\$0	NA	200	\$2,078,506	\$10,393
RCRA	10	\$10,863,061	\$1,086,306	201	\$9,272,228	\$46,130
SDWA	2	\$104,000	\$52,000	48	\$821,515	\$17,115
TSCA	0	\$0	NA	205	\$3,345,544	\$16,320
Totals	219	\$54,851,765	\$250,465	1,730	\$28,609,995	\$16,538

\* The national total for administrative penalties was \$29,258,502 which included 192 regional UST field citations for penalties of \$129,650 and 80 Mobile Source NOVs with penalties of \$518,857, these penalties are not included in chart

Data Source Civil Docket

December 4, 2000 OECA/OC/EPTDD/IUTB



# Dollar Value of FY 2000 Clean Air Act EPA Enforcement Actions (by Region)

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	\$941,936	\$40,000	\$439,496	\$230,500	\$24,000
Region II	\$1,486,292	\$3,340,000	\$176,545	\$682,700	\$3,000,000
Region III	\$49,554	\$3,067,493	\$344,110	\$4,873,000	\$2,101,207
Region IV	\$921,000	\$2,449,900	\$67,907	\$74,013,700	\$696,988
Region V	\$1,213,000	\$6,213,843	\$582,695	\$15,013,407	\$21,202,825
Region VI	\$54,400	\$2,640,000	\$606,658	\$500,000	\$1,377,272
Region VII	\$0	\$375,000	\$371,517	\$468,705	\$83,030
Region VIII	\$35,000	\$1,450,000	\$75,405	\$0	\$18,000
Region IX	\$1,001,100	\$1,735,777	\$360,632	\$1,500,000	\$700,000
Region X	\$12,036	\$515,000	\$85,434	\$2,904,500	\$0
HQ	\$0	\$0	\$518,857	\$75,658	\$0
Totals	\$5,714,318	\$21,827,013	\$3,629,256	\$100,262,170	\$29,203,322

Data comes from EPA civil and criminal dockets.

December 18, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA Clean Air Act Civil Penalties by Region**  
 (# of Cases w/Penalties, Penalties Assessed, and Average Penalties)

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	1	\$40,000	\$40,000	9	\$439,496	\$48,833
II	7	\$3,340,000	\$477,143	8	\$176,545	\$22,068
III	8	\$3,067,493	\$383,437	11	\$344,110	\$31,283
IV	5	\$2,449,900	\$489,980	11	\$67,907	\$6,173
V	16	\$6,213,843	\$388,365	34	\$582,695	\$17,138
VI	3	\$2,640,000	\$880,000	28	\$606,658	\$21,666
VII	2	\$375,000	\$187,500	53	\$371,517	\$7,010
VIII	3	\$1,450,000	\$483,333	6	\$75,405	\$12,568
IX	6	\$1,735,777	\$289,296	16	\$360,632	\$22,540
X	2	\$515,000	\$257,500	6	\$85,434	\$14,239
HQ	0	\$0	\$0	0	\$0	\$0
Totals	53	\$21,827,013	\$411,830	182	\$3,110,399	\$17,090

There were also 80 HQ administrative settlements for Mobile Source NOVs w/Penalties (80 cases for \$518,857 - average of \$6,486)

December 18, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 CERCLA EPA Enforcement Actions (by Region)**  
(Does not include CERCLA 103 activity which is included under EPCRA)

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	\$200	\$125,000	\$0	\$20,615,987	\$700,000
Region II	\$0	\$100,000	\$0	\$103,600,000	\$0
Region III	\$100	\$1,000	\$0	\$122,519,000	\$0
Region IV	\$100	\$0	\$0	\$38,232,000	\$0
Region V	\$0	\$0	\$0	\$122,079,384	\$0
Region VI	\$0	\$0	\$0	\$6,000	\$0
Region VII	\$0	\$0	\$0	\$41,610,846	\$0
Region VIII	\$0	\$100,000	\$0	\$3,410,000	\$0
Region IX	\$70,000	\$100,000	\$0	\$202,250,000	\$225,000
Region X	\$0	\$0	\$0	\$900,000	\$0
HQ	\$0	\$0	\$0	\$0	\$0
Totals	\$70,400	\$426,000	\$0	\$655,223,217	\$925,000

Data comes from EPA civil and criminal dockets.

December 18, 2000 - OECA/OC/EPTDD/UTB

**Dollar Value of FY 2000 Clean Water Act EPA Enforcement Actions (by Region)**

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	\$2,536,450	\$0	\$517,006	\$21,877,000	\$533,800
Region II	\$3,386,104	\$624,000	\$1,211,546	\$5,363,936	\$1,242,220
Region III	\$2,347,237	\$935,000	\$530,916	\$59,964,025	\$2,264,280
Region IV	\$1,269,500	\$1,085,000	\$207,854	\$9,443,015	\$317,538
Region V	\$10,559,473	\$824,100	\$404,745	\$10,909,500	\$2,286,181
Region VI	\$2,497,900	\$11,785,440	\$844,273	\$36,904,680	\$3,484,500
Region VII	\$417,194	\$5,000,000	\$141,760	\$131,200	\$13,009
Region VIII	\$312,500	\$927,000	\$293,338	\$8,113,760	\$40,000
Region IX	\$9,773,875	\$386,000	\$240,500	\$3,983,500	\$600,000
Region X	\$6,630,500	\$12,854	\$345,028	\$85,850	\$76,470
HQ	\$0	\$0	\$666,235	\$36,606	\$0
Totals	\$39,730,733	\$21,579,394	\$5,403,201	\$156,813,072	\$10,857,998

Data comes from EPA civil and criminal dockets

December 15, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA Clean Water Act Civil Penalties by Region**  
 (# of Cases w/Penalties, Penalties Assessed, and Average Penalties)

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	0	\$0	\$0	22	\$517,006	\$23,500
II	1	\$624,000	\$624,000	50	\$1,211,546	\$24,231
III	3	\$935,000	\$311,667	38	\$530,916	\$13,971
IV	3	\$1,085,000	\$361,667	15	\$207,854	\$13,857
V	4	\$824,100	\$206,025	17	\$404,745	\$23,809
VI	5	\$11,785,440	\$2,357,088	312	\$844,273	\$2,706
VII	1	\$5,000,000	\$5,000,000	10	\$141,760	\$14,176
VIII	2	\$927,000	\$463,500	17	\$293,338	\$17,255
IX	2	\$386,000	\$193,000	7	\$240,500	\$34,357
X	1	\$12,854	\$12,854	22	\$345,028	\$15,683
HQ	0	\$0	\$0	5	\$666,235	\$133,247
Totals	22	\$21,579,394	\$980,882	515	\$5,403,201	\$10,492

Source: Civil Docket

December 18, 2000 - OECA/OC/EPTDD/IUTB



Dollar Value of FY 2000 EPCRA EPA Enforcement Actions (by Region)

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	\$0	\$0	\$85,614	\$22,725	\$72,004
Region II	\$0	\$0	\$685,963	\$149,129	\$267,262
Region III	\$0	\$0	\$326,385	\$50,000	\$77,907
Region IV	\$0	\$0	\$337,323	\$0	\$323,111
Region V	\$0	\$0	\$692,789	\$0	\$500,784
Region VI	\$0	\$0	\$545,830	\$2,000	\$103,500
Region VII	\$0	\$0	\$400,144	\$85,880	\$758,143
Region VIII	\$0	\$0	\$11,000	\$3,000	\$0
Region IX	\$0	\$32,500	\$1,030,703	\$189,008	\$271,879
Region X	\$0	\$19,797	\$217,538	\$948	\$173,293
HQ	\$0	\$0	\$245,313	\$28,314	\$0
Totals	\$0	\$52,297	\$4,578,602	\$531,004	\$2,547,883

Data comes from EPA civil and criminal dockets

December 18, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA EPCRA Civil Penalties by Region**  
 (# of Cases w/Penalties, Penalties Assessed, and Average Penalties)

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	0	\$0	\$0	6	\$85,614	\$14,269
II	0	\$0	\$0	38	\$685,963	\$18,052
III	0	\$0	\$0	31	\$326,385	\$10,529
IV	0	\$0	\$0	56	\$337,323	\$6,024
V	0	\$0	\$0	62	\$692,789	\$11,174
VI	0	\$0	\$0	25	\$545,830	\$21,833
VII	0	\$0	\$0	30	\$400,144	\$13,338
VIII	0	\$0	\$0	4	\$11,000	\$2,750
IX	1	\$32,500	\$32,500	60	\$1,030,703	\$17,178
X	1	\$19,797	\$19,797	18	\$217,538	\$12,085
HQ	0	\$0	\$0	49	\$245,313	\$5,006
Totals	2	\$52,297	\$26,149	379	\$4,578,602	\$12,081

Source Docket

December 18, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 FIFRA EPA Enforcement Actions (by Region)**

	<b>Criminal Penalties Assessed</b>	<b>Civil Judicial Penalties Assessed</b>	<b>Administrative Penalties Assessed</b>	<b>\$ Value of Injunctive Relief</b>	<b>\$ Value of SEPs</b>
<b>Region I</b>	\$0	\$0	\$0	\$0	\$0
<b>Region II</b>	\$109,000	\$0	\$162,670	\$0	\$0
<b>Region III</b>	\$0	\$0	\$132,867	\$0	\$0
<b>Region IV</b>	\$500	\$0	\$528,003	\$11,000	\$0
<b>Region V</b>	\$0	\$0	\$260,356	\$500	\$0
<b>Region VI</b>	\$1,400	\$0	\$39,225	\$0	\$0
<b>Region VII</b>	\$0	\$0	\$135,580	\$2,000	\$0
<b>Region VIII</b>	\$461,732	\$0	\$101,300	\$11,300	\$0
<b>Region IX</b>	\$11,113	\$0	\$261,625	\$15,300	\$0
<b>Region X</b>	\$0	\$0	\$22,880	\$1,400	\$0
<b>HQ</b>	\$0	\$0	\$434,000	\$0	\$465,000
<b>Totals</b>	<b>\$583,745</b>	<b>\$0</b>	<b>\$2,078,506</b>	<b>\$41,500</b>	<b>\$465,000</b>

Data comes from EPA civil and criminal dockets.

December 18, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA FIFRA Civil Penalties by Region**  
**(# of Cases w/Penalties, Penalties Assessed, and Average Penalties)**

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin. Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	0	\$0	\$0	0	\$0	\$0
II	0	\$0	\$0	8	\$162,670	\$20,334
III	0	\$0	\$0	23	\$132,867	\$5,777
IV	0	\$0	\$0	28	\$528,003	\$18,857
V	0	\$0	\$0	36	\$260,356	\$7,232
VI	0	\$0	\$0	26	\$39,225	\$1,509
VII	0	\$0	\$0	26	\$135,580	\$5,215
VIII	0	\$0	\$0	19	\$101,300	\$5,332
IX	0	\$0	\$0	28	\$261,625	\$9,344
X	0	\$0	\$0	3	\$22,880	\$7,627
HQ	0	\$0	\$0	3	\$434,000	\$144,667
Totals	0	\$0	\$0	200	\$2,078,506	\$10,393

Source: Docket

December 18, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 EPA RCRA Enforcement Actions (by Region)**

	<b>Criminal Penalties Assessed</b>	<b>Civil Judicial Penalties Assessed</b>	<b>Administrative Penalties Assessed</b>	<b>\$ Value of Injunctive Relief</b>	<b>\$ Value of SEPs</b>
<b>Region I</b>	\$377,749	\$0	\$515,334	\$60,992	\$816,780
<b>Region II</b>	\$874,513	\$5,106,500	\$490,981	\$42,497,777	\$67,000
<b>Region III</b>	\$2,062,755	\$0	\$507,802	\$135,000	\$367,400
<b>Region IV</b>	\$19,668,268	\$48,977	\$397,080	\$2,795,000	\$84,785
<b>Region V</b>	\$428,014	\$1,014,084	\$4,240,285	\$12,874,190	\$7,996
<b>Region VI</b>	\$7,272,921	\$3,793,500	\$1,174,085	\$10,870,305	\$7,204,615
<b>Region VII</b>	\$0	\$0	\$905,239	\$1,670,375	\$130,598
<b>Region VIII</b>	\$1,402,134	\$100,000	\$136,203	\$180,214,500	\$19,483
<b>Region IX</b>	\$86,826	\$800,000	\$795,089	\$34,500,000	\$103,661
<b>Region X</b>	\$6,335,973	\$0	\$239,780	\$117,997	\$0
<b>Totals</b>	<b>\$38,509,153</b>	<b>\$10,863,061</b>	<b>\$9,401,878</b>	<b>\$285,736,136</b>	<b>\$8,802,318</b>

Data comes from EPA civil and criminal dockets.

December 18, 2000 - OECA/OC/EPTDD/IUTB



**FY 2000 EPA RCRA Civil Penalties by Region**  
**(# of Cases w/Penalties, Penalties Assessed, and Average Penalties)**

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin. Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	0	\$0	\$0	27	\$500,384	\$18,533
II	2	\$5,106,500	\$2,553,250	10	\$464,381	\$46,438
III	0	\$0	\$0	18	\$504,452	\$28,025
IV	2	\$48,977	\$24,489	12	\$397,080	\$33,090
V	1	\$1,014,084	\$1,014,084	15	\$4,235,185	\$282,346
VI	2	\$3,793,500	\$1,896,750	28	\$1,128,885	\$40,317
VII	0	\$0	\$0	62	\$899,939	\$14,515
VIII	2	\$100,000	\$50,000	10	\$132,203	\$13,220
IX	1	\$800,000	\$800,000	16	\$778,939	\$48,684
X	0	\$0	\$0	3	\$230,780	\$76,927
HQ	0	\$0	\$0	0	\$0	\$0
Totals	10	\$10,863,061	\$1,086,306	201	\$9,272,228	\$46,130

Data table excludes RCRA-UST field citations which totaled \$129,650 for 192 citations

Source Civil Docket

December 18, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 Safe Drinking Water Act EPA Enforcement Actions (by Region)**

	Criminal Penalties Assessed	Civil Judicial Penalties Assessed	Administrative Penalties Assessed	\$ Value of Injunctive Relief	\$ Value of SEPs
Region I	\$33,000	\$0	\$0	\$350,016,984	\$0
Region II	\$0	\$0	\$32,500	\$311,500	\$240,000
Region III	\$0	\$0	\$13,000	\$32,231	\$0
Region IV	\$0	\$0	\$40,621	\$51,400	\$0
Region V	\$0	\$50,000	\$96,400	\$130,057	\$0
Region VI	\$7,807,156	\$0	\$24,300	\$520,100	\$0
Region VII	\$0	\$0	\$0	\$0	\$0
Region VIII	\$0	\$54,000	\$590,350	\$58,890	\$/2,250
Region IX	\$0	\$0	\$15,344	\$6,555,000	\$0
Region X	\$22,000,000	\$0	\$9,000	\$3,500	\$0
HQ	\$0	\$0	\$0	\$0	\$0
Totals	\$29,840,156	\$104,000	\$821,515	\$357,679,662	\$312,250

Data comes from EPA civil and criminal dockets

December 18, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA Safe Drinking Water Act Civil Penalties by Region**  
**(# of Cases w/Penalties, Penalties Assessed, and Average Penalties)**

	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin. Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	0	\$0	\$0	0	\$0	\$0
II	0	\$0	\$0	10	\$32,500	\$3,250
III	0	\$0	\$0	3	\$13,000	\$4,333
IV	0	\$0	\$0	10	\$40,621	\$4,062
V	1	\$50,000	\$50,000	7	\$96,400	\$13,771
VI	0	\$0	\$0	5	\$24,300	\$4,860
VII	0	\$0	\$0	0	\$0	\$0
VIII	1	\$54,000	\$54,000	10	\$590,350	\$59,035
IX	0	\$0	\$0	2	\$15,344	\$0
X	0	\$0	\$0	1	\$9,000	\$0
HQ	0	\$0	\$0	0	\$0	\$0
Totals	2	\$104,000	\$52,000	48	\$821,515	\$17,115

Source: Civil Docket

December 18, 2000 - OECA/OC/EPTDD/IUTB

**Dollar Value of FY 2000 TSCA EPA Enforcement Actions (by Office)**

	<b>Criminal Penalties Assessed</b>	<b>Civil Judicial Penalties Assessed</b>	<b>Administrative Penalties Assessed</b>	<b>\$ Value of Injunctive Relief</b>	<b>\$ Value of SEPs</b>
<b>Region I</b>	\$749,239	\$0	\$72,930	\$203,000	\$0
<b>Region II</b>	\$1,507,560	\$0	\$429,293	\$9,072	\$276,091
<b>Region III</b>	\$0	\$0	\$105,717	\$51,407	\$16,400
<b>Region IV</b>	\$3,026,100	\$0	\$574,845	\$3,046,725	\$1,820,588
<b>Region V</b>	\$751,000	\$0	\$498,509	\$3,184,119	\$302,298
<b>Region VI</b>	\$0	\$0	\$99,674	\$17,350	\$62,470
<b>Region VII</b>	\$0	\$0	\$93,787	\$11,750	\$8,328
<b>Region VIII</b>	\$0	\$0	\$5,250	\$0	\$9,750
<b>Region IX</b>	\$0	\$0	\$104,269	\$0	\$0
<b>Region X</b>	\$0	\$0	\$474,375	\$14,180	\$28,700
<b>HQ</b>	\$0	\$0	\$886,895	\$0	\$250,000
<b>Totals</b>	<b>\$6,033,899</b>	<b>\$0</b>	<b>\$3,345,544</b>	<b>\$6,537,603</b>	<b>\$2,774,625</b>

Data comes from EPA civil and criminal dockets

December 18, 2000 - OECA/OC/EPTDD/IUTB

**FY 2000 EPA TSCA Civil Penalties by Region**  
**(# of Cases w/Penalties, Penalties Assessed, and Average Penalties)**

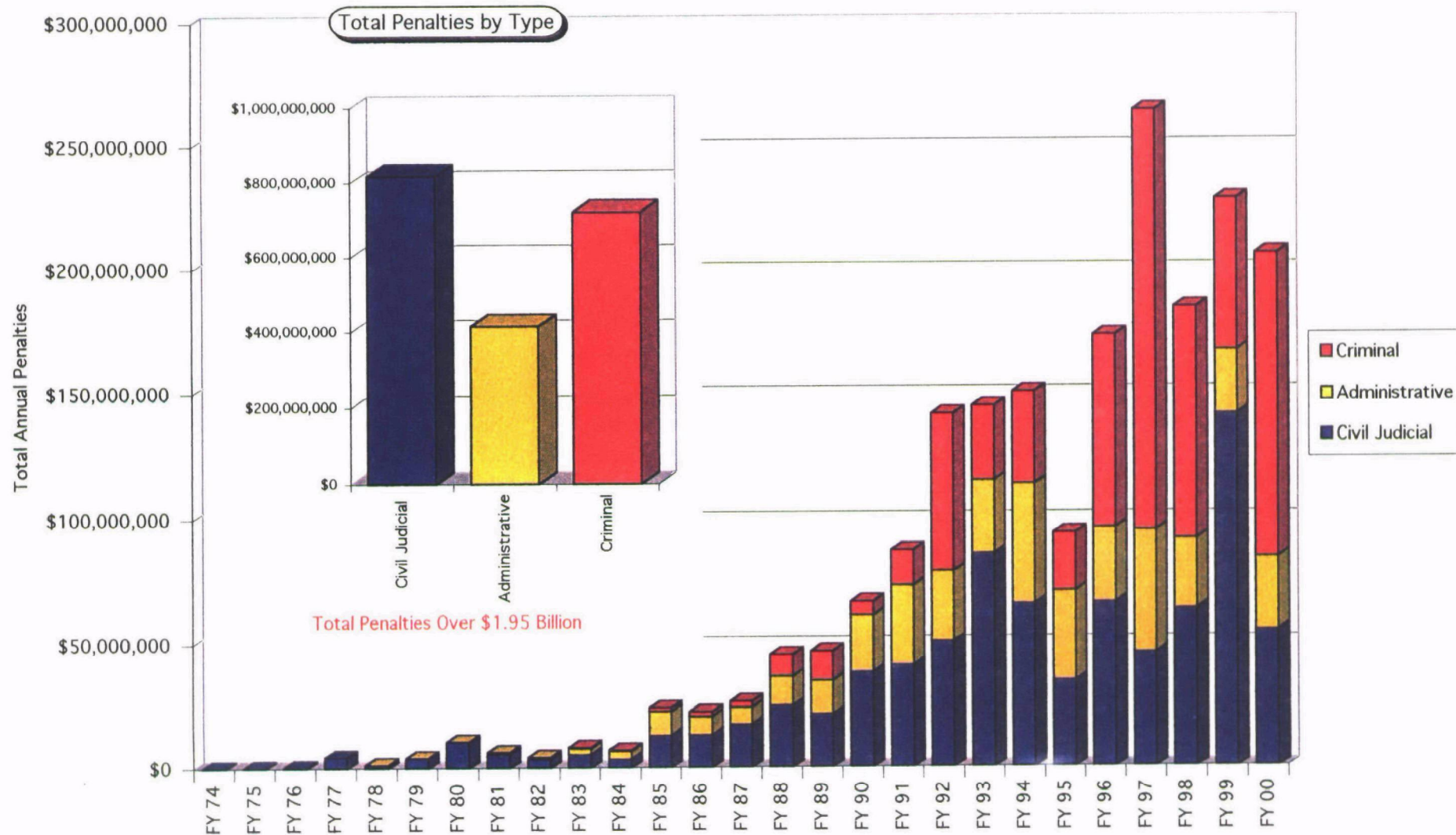
	# of Civil Judicial Settlements	Civil Judicial Penalties Assessed	Average Civil Judicial Penalty	Admin. Penalty Case Settlements	Administrative Penalties Assessed	Average Administrative Penalty
I	0	\$0	\$0	2	\$72,930	\$36,465
II	0	\$0	\$0	21	\$429,293	\$20,443
III	0	\$0	\$0	20	\$105,717	\$5,286
IV	0	\$0	\$0	30	\$574,845	\$19,162
V	0	\$0	\$0	24	\$498,509	\$20,771
VI	0	\$0	\$0	23	\$99,674	\$4,334
VII	0	\$0	\$0	40	\$93,787	\$2,345
VIII	0	\$0	\$0	11	\$5,250	\$477
IX	0	\$0	\$0	7	\$104,269	\$14,896
X	0	\$0	\$0	23	\$474,375	\$20,625
HQ	0	\$0	\$0	4	\$886,895	\$221,724
Totals	0	\$0	\$0	205	\$3,345,544	\$16,320

Source: Civil Docket

December 18, 2000 - OECA/OC/EPTDD/IUTB



## EPA Enforcement Penalties Since its Creation: By Year and Type



January 11, 2001 - OECA/OC/EPTDD/IUTB

## EPA Supplemental Environmental Projects in FY 2000

Region	# of Cases with SEPs									Cost to Implement SEP Agreements								
	CAA	CERCLA	CWA	EPCRA	FIFRA	RCRA	SDWA	TSCA	Totals	CAA	CERCLA	CWA	EPCRA	FIFRA	RCRA	SDWA	TSCA	Totals
I	1	1	2	2	0	5	0	0	11	\$24,000	\$700,000	\$533,800	\$72,004	\$0	\$816,780	\$0	\$0	\$2,146,584
II	1	0	11	6	0	1	4	3	26	\$3,000,000	\$0	\$1,242,220	\$267,262	\$0	\$67,000	\$240,000	\$276,091	\$5,092,573
III	4	0	7	1	0	3	0	1	16	\$2,101,207	\$0	\$2,264,280	\$77,907	\$0	\$367,400	\$0	\$16,400	\$4,827,194
IV	2	0	4	21	0	2	0	2	31	\$696,988	\$0	\$317,538	\$323,111	\$0	\$84,785	\$0	\$1,820,588	\$3,243,010
V	11	0	8	9	0	1	0	4	33	\$21,202,825	\$0	\$2,286,181	\$500,784	\$0	\$7,996	\$0	\$302,298	\$24,300,084
VI	10	0	7	9	0	5	0	3	34	\$1,377,272	\$0	\$3,484,500	\$103,500	\$0	\$7,204,615	\$0	\$62,470	\$12,232,357
VII	2	0	1	6	0	3	0	1	13	\$83,030	\$0	\$13,009	\$758,143	\$0	\$130,598	\$0	\$8,328	\$993,108
VIII	1	0	1	0	0	3	2	1	8	\$18,000	\$0	\$40,000	\$0	\$0	\$19,483	\$72,250	\$9,750	\$159,483
IX	2	1	1	3	0	3	0	0	10	\$700,000	\$225,000	\$600,000	\$271,879	\$0	\$103,661	\$0	\$0	\$1,900,540
X	0	0	2	5	0	0	0	2	9	\$0	\$0	\$76,470	\$173,293	\$0	\$0	\$0	\$28,700	\$278,463
HQ	0	0	0	0	1	0	0	1	2	\$0	\$0	\$0	\$0	\$465,000	\$0	\$0	\$250,000	\$715,000
Totals	34	2	44	62	1	26	6	18	193	\$29,203,322	\$925,000	\$10,857,998	\$2,547,883	\$465,000	\$8,802,318	\$312,250	\$2,774,625	\$55,888,396

Data based on case conclusion data entered into the Docket by Regional Offices.

CERCLA 103 SEPs included under EPCRA

November 13, 2000 - OECA/OC/EPTDD/IUTB

# Use of SEPs in FY 2000 EPA Enforcement Actions

(by type of SEP)

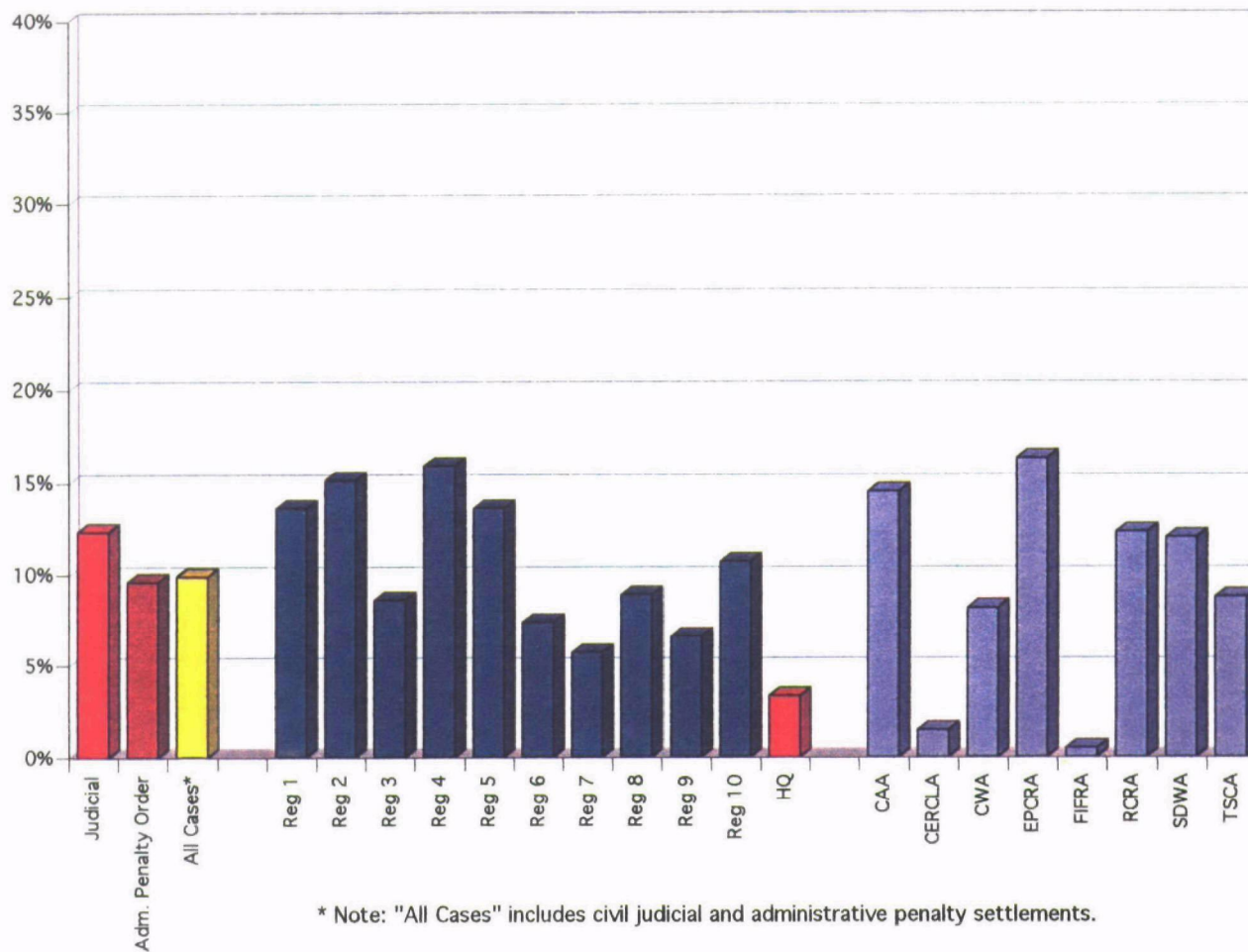
SEP Category	# included in Judicial Actions	SEP Value	# included in Admin. Actions	SEP Value	Total SEP Types	Total SEP Value
Public Health	3		18		21	
*Pollution Prevention	15		112		127	
Pollution Reduction	9		47		56	
Environmental Restoration/Protection	4		14		18	
Assessments and Audits	1		9		10	
Environmental Compliance Promotion	0		8		8	
Emergency Planning and Preparedness	2		48		50	
Other	2		18		20	
<b>Totals for all SEP types</b>	<b>36</b>	<b>\$43,192,210</b>	<b>274</b>	<b>\$12,396,186</b>	<b>310</b>	<b>\$55,588,396</b>
Number of Cases	27		166		193	

\* A single SEP can have multiple Pollution Prevention SEP categories.

Source: Civil Docket

November 14, 2000 - OECA/OC/EPTDD/IUTB

Percent of FY 2000 Judicial and APO Settlements That Included A SEP  
By Type of Action, Region and Statute



Source: Civil Docket

December 26, 2000 - OECA/OC/EPTDD/IUTB

**SEP Categories (Types) Reported for FY 2000 EPA SEPs (by Region)**

<u>Category of SEP</u>	<u>Region I</u>	<u>Region II</u>	<u>Region III</u>	<u>Region IV</u>	<u>Region V</u>	<u>Region VI</u>	<u>Region VII</u>	<u>Region VIII</u>	<u>Region IX</u>	<u>Region X</u>	<u>HQ</u>	<u>TOTALS</u>
Public Health	0	8	2	1	0	0	3	5	0	1	1	21
<u>Pollution Prevention Categories</u>												
- In-process Recycling	4	11	4	3	11	11	10	0	1	0	0	55
- Equipment/ Technology Modifications	4	1	2	1	8	2	6	0	0	1	0	25
-Process/ Procedure Modification	1	0	0	0	3	0	1	0	1	0	0	6
-Product Reformulation/ Redesign	2	0	1	0	1	1	2	1	0	0	0	8
- Raw Materials Substitution	2	8	3	0	1	1	2	2	0	0	1	20
- Improved Housekeeping/ O&M/Training	0	1	0	1	2	0	2	1	0	2	0	9
-Energy Efficiency/ Conservation	1	0	0	0	2	0	0	0	0	1	0	4
- Other Pollution Prevention	0	0	0	0	0	0	0	0	0	0	0	0
Pollution Reduction	4	8	10	5	17	0	5	0	3	4	0	56
Environmental Restoration and Protection	1	0	3	1	3	5	0	3	0	2	0	18
Assessments and Audits	3	0	2	0	0	1	0	1	2	1	0	10
Environmental Compliance Promotion	1	0	0	2	0	0	0	1	2	1	1	8
Emergency Planning and Preparedness	1	3	0	21	4	11	3	0	4	3	0	50
Other SEP Category	0	1	0	2	6	1	6	0	1	3	0	20
 Total # of Case Settlements with SEPs	 11	 26	 16	 31	 33	 34	 13	 8	 10	 9	 2	 193
Total # of SEP Categories (Types) Reported	24	41	27	37	58	33	40	14	14	19	3	310

Source: Civil Docket

OECA/OC/EPTDD/IUTB - November 13, 2000

# SEP Categories (Types) Reported for FY 2000 EPA SEPs (by Law)

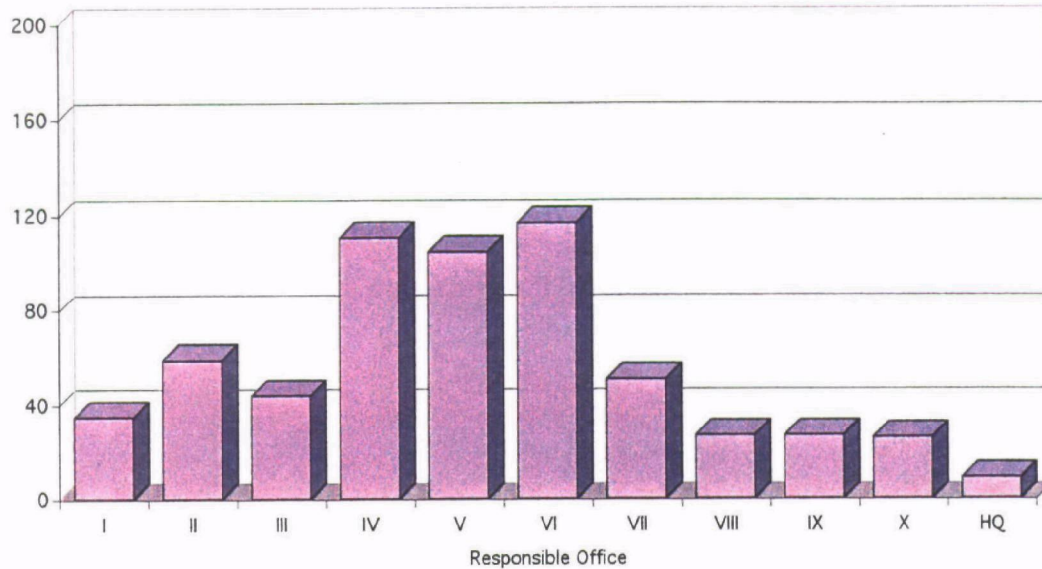
<u>Categories of SEPs</u>	CAA	CERCLA	CWA	EPORA	FIFRA	RCRA	SDWA	TSCA	TOTALS
Public Health	2	0	4	6	1	1	5	2	21
<u>Pollution Prevention Categories</u>									
- In-process Recycling	14	0	18	9	0	9	0	5	55
- Equipment/ Technology Modifications	8	1	3	7	0	6	0	0	25
-Process/ Procedure Modification	3	0	0	2	0	1	0	0	6
-Product Reformulation/ Redesign	0	0	0	3	0	4	0	1	8
- Raw Materials Substitution	0	0	10	3	0	3	0	4	20
- Improved Housekeeping/ O&M/Training	1	0	0	3	0	3	0	2	9
-Energy Efficiency/ Conservation	2	0	0	1	0	1	0	0	4
- Other Pollution Prevention	0	0	0	0	0	0	0	0	0
Pollution Reduction	10	1	11	16	0	10	0	8	56
Environmental Restoration and Protection	2	0	12	0	0	1	1	2	18
Assessments and Audits	0	1	1	0	0	7	0	1	10
Environmental Compliance Promotion	0	0	0	3	0	3	0	2	8
Emergency Planning and Preparedness	5	1	1	41	0	2	0	0	50
Other SEP Category	5	0	7	5	0	0	0	3	20
Total # of Case Settlements with SEPs	34	2	44	62	1	26	6	18	193
Total # of SEP Categories Reported	52	4	67	99	1	51	6	30	310

Source: Civil Docket

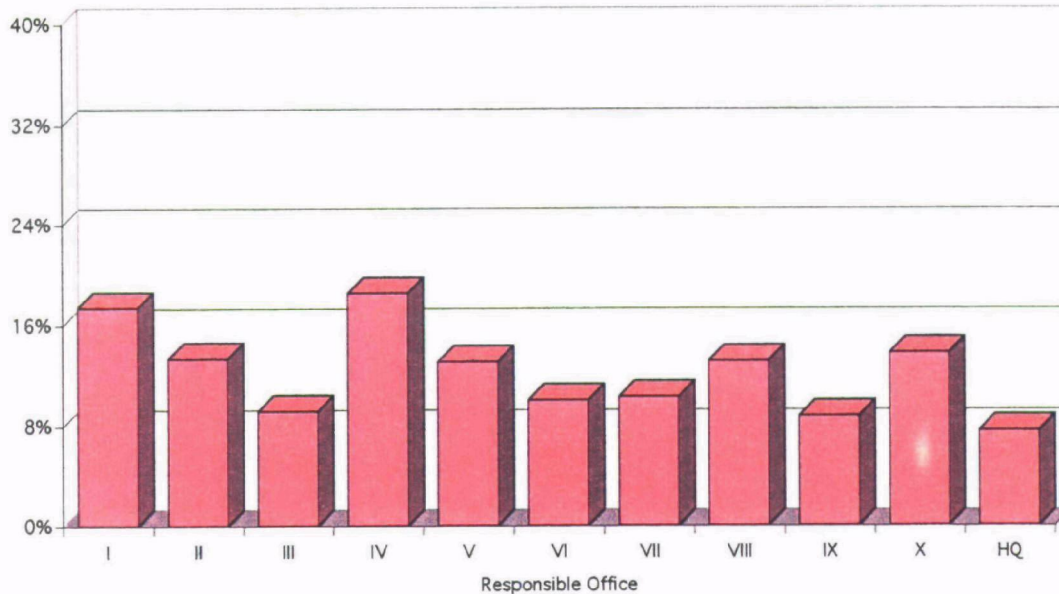
OECA/OC/EPTDD/TEB - November 13, 2000

## Use of SEPs in Judicial and Administrative Penalty Actions FY 1998 to FY 2000

Number of Enforcement Actions that Included a SEP: FY 1998 to FY 2000



Percent of Actions for Sanctions\* that Included a SEP: FY 1998 to FY 2000



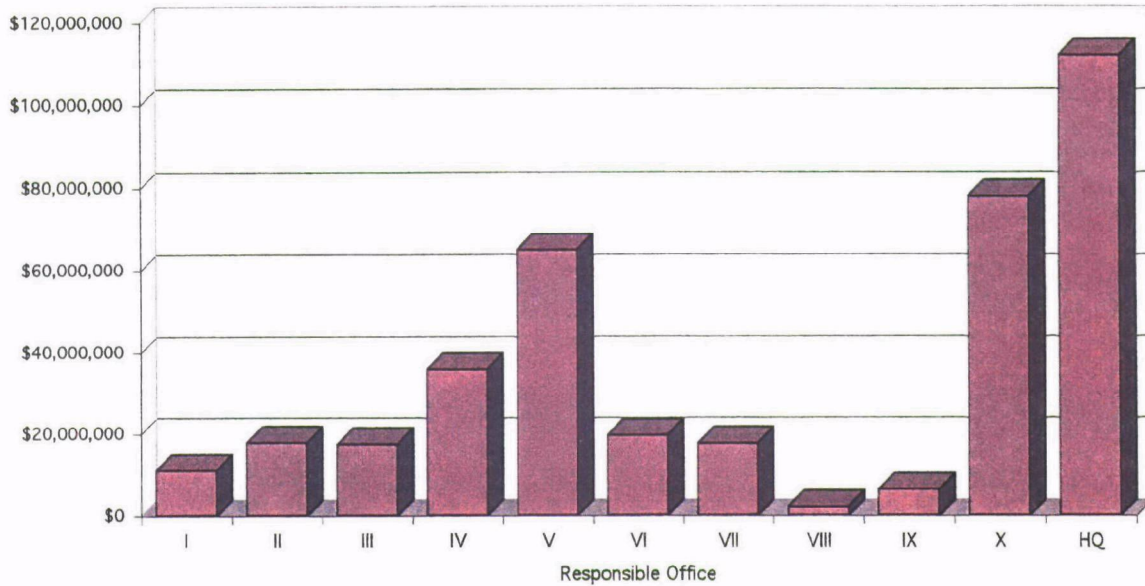
\* Actions for sanctions include civil judicial cases and administrative penalty orders.

December 26, 2000 - OECA/OC/EPTDD/IUTB

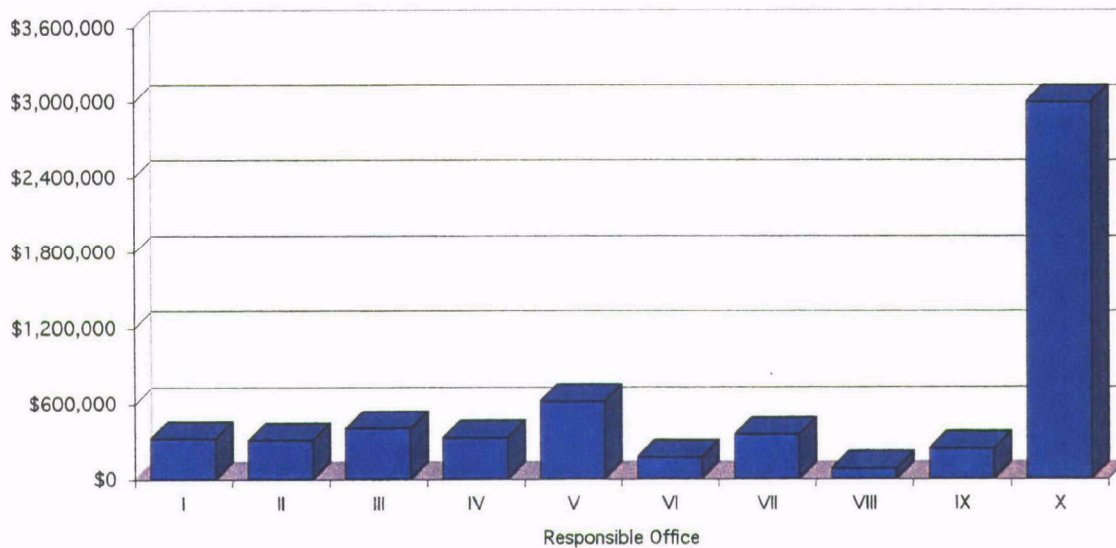


## Use of SEPs in Judicial and Administrative Penalty Actions FY 1998 to FY 2000

Dollar Value of EPA SEPs: FY 1998 to FY 2000



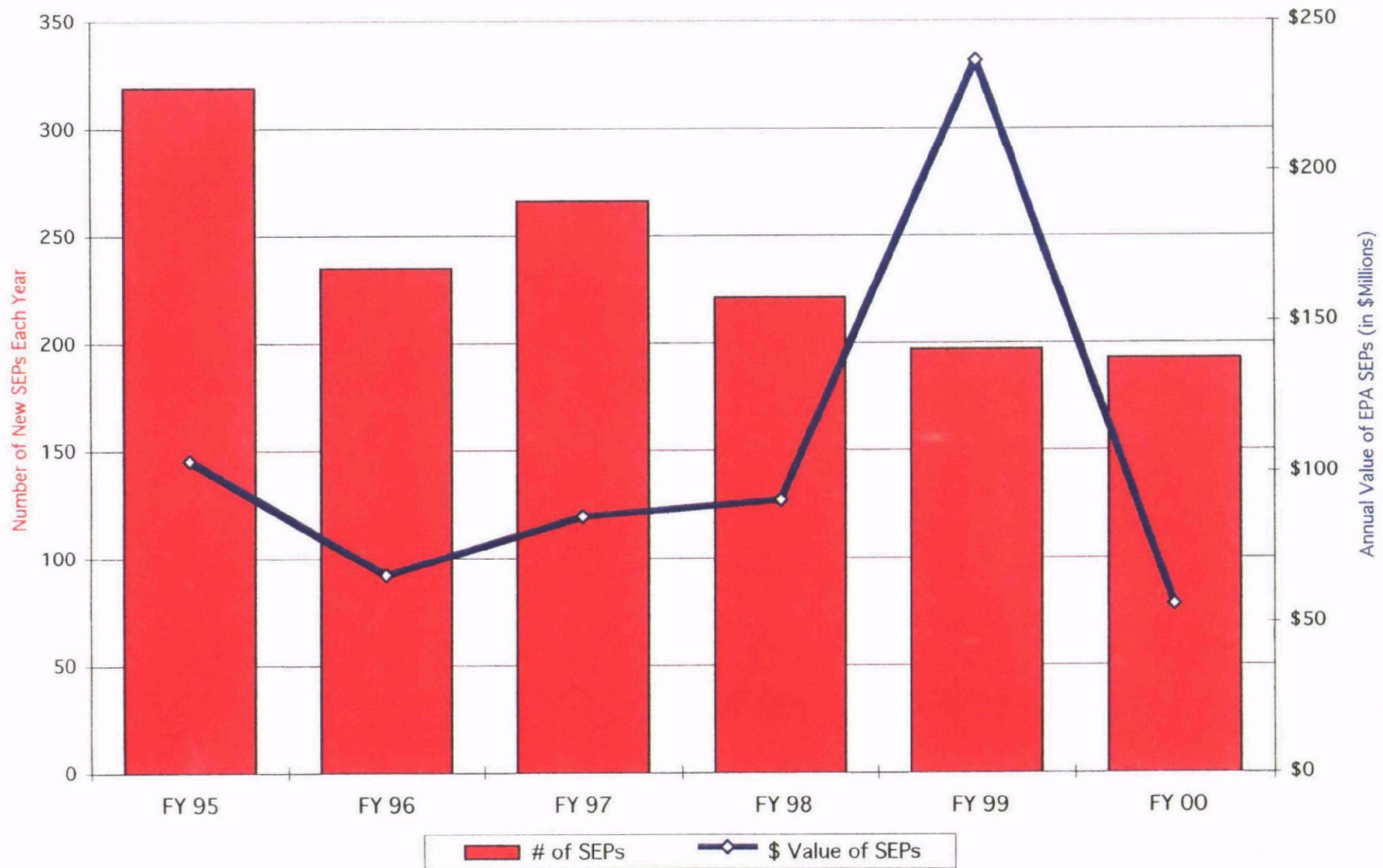
Average Value of SEPs: FY 1998 to FY 2000



The nine HQ SEPs averaged \$12.5 million over the FY 1998 to FY 2000 period.

December 26, 2000 - OECA/OC/EPTDD/IUTB

## EPAs Use of SEPs in Settlement of Formal Enforcement Actions: FY 1995 to FY 2000



**Addressed/Resolved Significant Noncompliance (FY 2000)**  
EPA and State(by Region and Program)

Region	Program	RCRA <sup>1</sup>	CAA <sup>2</sup>	CWA <sup>3</sup>	PWSS <sup>4</sup>
All	# SNC	1,468	2,880	1,657	3,649
	#Addressed/resolved	317	1,530	1,452	2,372
	% Addressed/resolved	22%	53%	88%	65%
1	# SNC	165	129	152	222
	#Addressed/resolved	24	27	131	173
	% Addressed/resolved	15%	21%	86%	78%
2	# SNC	119	292	128	457
	#Addressed/resolved	35	125	117	313
	% Addressed/resolved	29%	43%	91%	68%
3	# SNC	56	107	104	322
	#Addressed/resolved	5	48	90	180
	% Addressed/resolved	9%	45%	87%	56%
4	# SNC	325	612	302	303
	#Addressed/resolved	169	396	237	213
	% Addressed/resolved	52%	65%	78%	70%
5	# SNC	308	615	436	604
	#Addressed/resolved	35	239	394	357
	% Addressed/resolved	11%	39%	90%	59%
6	# SNC	269	361	334	181
	#Addressed/resolved	17	172	308	107
	% Addressed/resolved	6%	48%	92%	59%
7	# SNC	84	97	98	188
	#Addressed/resolved	11	47	83	168
	% Addressed/resolved	13%	48%	85%	89%
8	# SNC	44	179	43	202
	#Addressed/resolved	5	107	40	83
	% Addressed/resolved	11%	60%	93%	41%
9	# SNC	82	259	27	271
	#Addressed/resolved	11	245	22	106
	% Addressed/resolved	13%	95%	81%	39%
10	# SNC	16	229	33	899
	#Addressed/resolved	5	124	30	672
	% Addressed/resolved	31%	54%	91%	75%

For each media, the # in SNC/HPV is beginning of year + new SNCs/HPVs

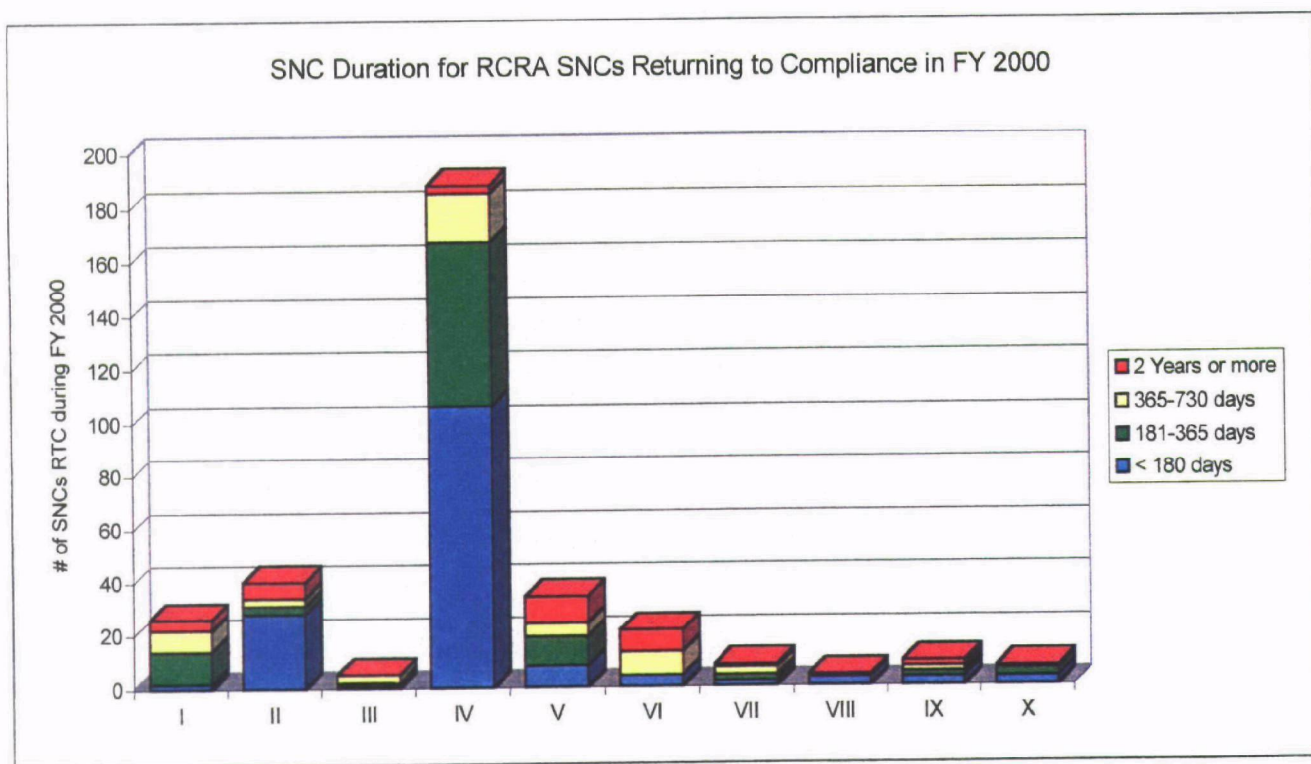
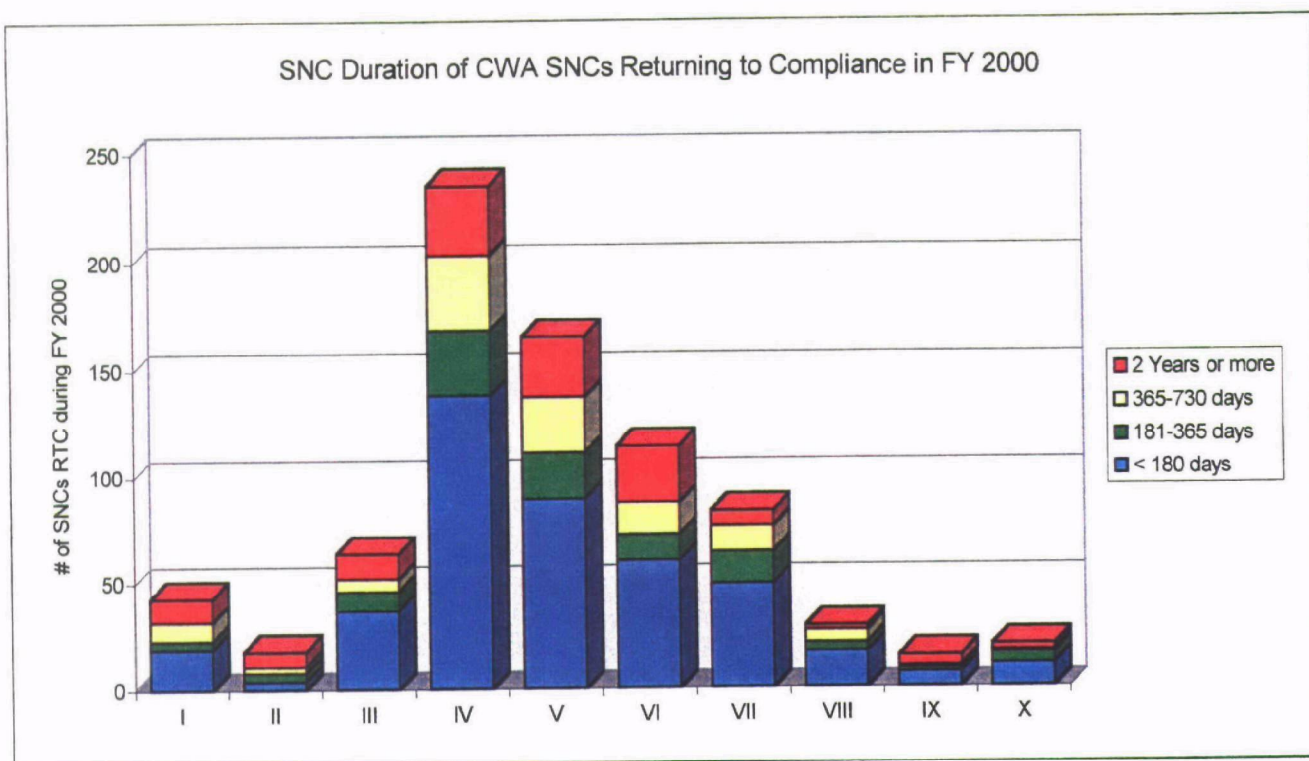
1 For RCRA, SNCs resolved means either returned to full physical compliance or meeting a schedule

2 For CAA the data is for individual violations, (SNCs) HPVs addressed means a formal enforcement action has been taken

3 For CWA, addressed means that the facility returned to non-SNC status on its own or received a formal enforcement action

4 For PWSS, addressed means formal enforcement action has been taken

## NPMS SNC Duration of SNCs (by Region)



CAA SNC duration data not available due to changes in the CAA AFS database structure

January 8, 2001 - OECA/OC/EPTDD/IUTB

**NPMS Set 6: Time to Return from Significant Noncompliance (SNC) By State  
For Facilities Returning From SNC During FY2000**

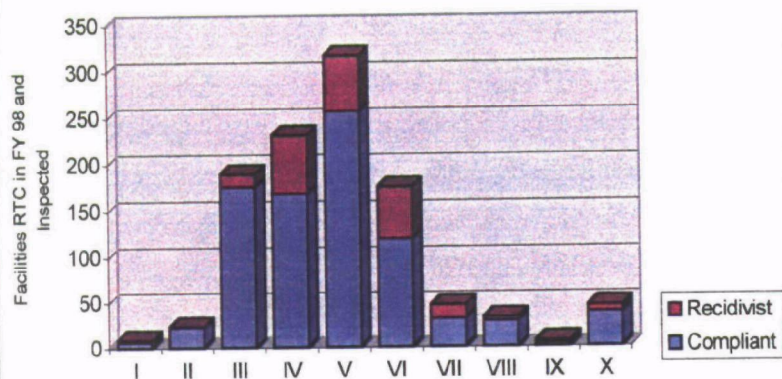
Region	State	CAA**				CWA				RCRA			
		6 mo. <				6 mo. <				6 mo. <			
		x <= 6 mo.	x <= 1 yr.	1 yr. < x <= 2 yrs.	x > 2 yrs.	x <= 6 mo.	x <= 1 yr.	1 yr. < x <= 2 yrs.	x > 2 yrs.	x <= 6 mo.	x <= 1 yr.	1 yr. < x <= 2 yrs.	x > 2 yrs.
1	CT	N/A	N/A	N/A	N/A	1		1	2				3
	MA	N/A	N/A	N/A	N/A	4	1	3	5	2	1	6	1
	ME	N/A	N/A	N/A	N/A	5	3	2	3		3		
	NH	N/A	N/A	N/A	N/A	6		1			1		
	RI	N/A	N/A	N/A	N/A	1		1	1		4	2	
	VT	N/A	N/A	N/A	N/A	2		1			3		
Region 1 Total		N/A	N/A	N/A	N/A	19	4	9	11	2	12	8	4
2	NJ	N/A	N/A	N/A	N/A					23	2		
	NY	N/A	N/A	N/A	N/A	1	4	3	7	4	1	3	4
	PR	N/A	N/A	N/A	N/A	3							2
	VT	N/A	N/A	N/A	N/A					1			
Region 2 Total		N/A	N/A	N/A	N/A	4	4	3	7	28	3	3	6
3	DC	N/A	N/A	N/A	N/A								
	DE	N/A	N/A	N/A	N/A								
	MD	N/A	N/A	N/A	N/A	3			1				
	PA	N/A	N/A	N/A	N/A	21	6	4	11	1	1	2	
	VA	N/A	N/A	N/A	N/A	3	2	1				1	
	WV	N/A	N/A	N/A	N/A	10	1	1					
Region 3 Total		N/A	N/A	N/A	N/A	37	9	6	12	1	1	3	
4	AL	N/A	N/A	N/A	N/A	21	10	16	9	4	6		2
	FL	N/A	N/A	N/A	N/A	15	6	6	12	44	20		6
	GA	N/A	N/A	N/A	N/A	11	1	4	1	27	20		4
	KY	N/A	N/A	N/A	N/A	14		1		5	2	1	1
	MS	N/A	N/A	N/A	N/A	10	2		1	3	4	2	
	NC	N/A	N/A	N/A	N/A	27	5	5	3	5		2	
	SC	N/A	N/A	N/A	N/A	7	3	2	4	11	6	1	2
	TN	N/A	N/A	N/A	N/A	33	3	1	2	7	3		
Region 4 Total		N/A	N/A	N/A	N/A	138	30	35	32	106	61	18	3
5	IL	N/A	N/A	N/A	N/A	14	4	3	4		1		
	IN	N/A	N/A	N/A	N/A	6	1	1	3		4	1	7
	MI	N/A	N/A	N/A	N/A	16	3	7	12	2	3	1	1
	MN	N/A	N/A	N/A	N/A	1		2	5	3	2		
	OH	N/A	N/A	N/A	N/A	52	13	11	4	3			1
	WI	N/A	N/A	N/A	N/A		1	2			1	3	1
Region 5 Total		N/A	N/A	N/A	N/A	89	22	26	28	8	11	5	10
6	AR	N/A	N/A	N/A	N/A	1		2	3			1	2
	LA	N/A	N/A	N/A	N/A	13		2	9	2		3	1
	NM	N/A	N/A	N/A	N/A	1		1					1
	OK	N/A	N/A	N/A	N/A	7	3	4	5	1			
	TX	N/A	N/A	N/A	N/A	38	9	6	10	1		5	4
Region 6 Total		N/A	N/A	N/A	N/A	60	12	15	27	4		9	8
7	IA	N/A	N/A	N/A	N/A	11	3	2	1				
	KS	N/A	N/A	N/A	N/A	16	4	2	4	2		1	
	MO	N/A	N/A	N/A	N/A	20	3	4	1		1		
	NE	N/A	N/A	N/A	N/A	2	5	4	1		1	2	1
Region 7 Total		N/A	N/A	N/A	N/A	49	15	12	7	2	2	3	1
8	CO	N/A	N/A	N/A	N/A	10	1		1	1			
	MT	N/A	N/A	N/A	N/A	1							
	ND	N/A	N/A	N/A	N/A								
	SD	N/A	N/A	N/A	N/A	2				1			
	UT	N/A	N/A	N/A	N/A	4	3	6	1				
	WY	N/A	N/A	N/A	N/A					1		1	
Region 8 Total		N/A	N/A	N/A	N/A	17	4	6	2	3		1	
9	AZ	N/A	N/A	N/A	N/A	3		1	1		2	1	1
	CA	N/A	N/A	N/A	N/A	4	2		4	1			1
	HI	N/A	N/A	N/A	N/A					2		1	
	NV	N/A	N/A	N/A	N/A								
Region 9 Total		N/A	N/A	N/A	N/A	7	2	1	5	3	2	2	2
10	AK	N/A	N/A	N/A	N/A	2	3						
	ID	N/A	N/A	N/A	N/A	4					1	1	
	OR	N/A	N/A	N/A	N/A	1		1	1	1			
	WA	N/A	N/A	N/A	N/A	4	2		2	2	2		
Region 10 Total		N/A	N/A	N/A	N/A	11	5	1	3	3	3	1	
National Totals		N/A	N/A	N/A	N/A	431	107	114	134	160	95	53	34

\*\* CAA NPMS Set 6 Time To Return statistics will not be run until HPV Simplification data has been implemented in AFS.

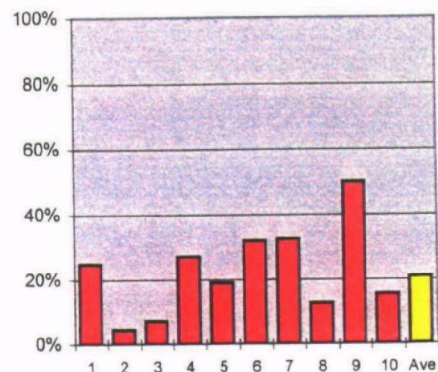


**2-Year Recidivism Rates for SNCs Which Returned to Compliance During FY 1998**  
 (CAA and RCRA Rates Only for Facilities Inspected Within 2 Years of RTC or Known to be Newly SNC)

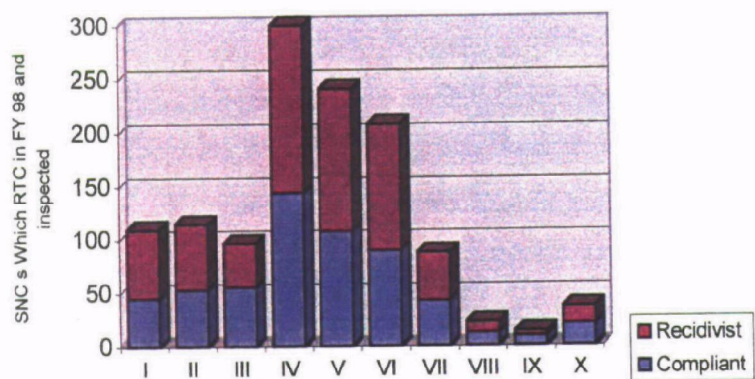
**Recidivism for CAA SNCs Which RTC in FY 1998**



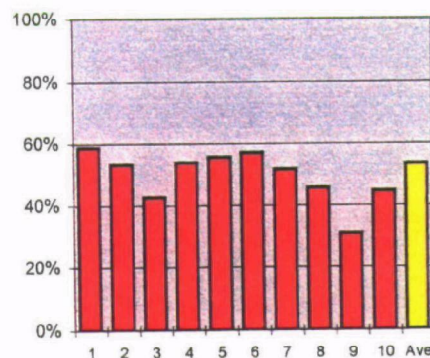
**CAA Recidivism Rates**



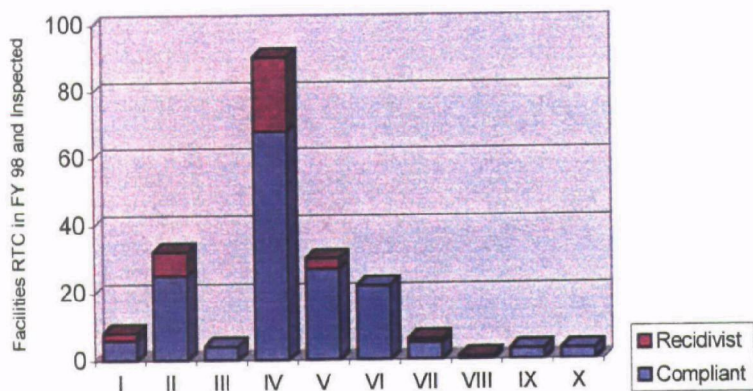
**Recidivism for CWA SNCs Which RTC in FY 1998**



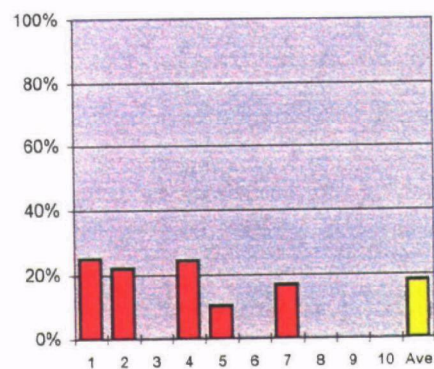
**CWA Recidivism Rates**



**Recidivism for RCRA SNCs Which RTC in FY 1998**



**RCRA Recidivism Rates**



NPMS Set 7: Significant Noncompliance Two-Year Recidivism Rates By State For Facilities (a) Returning From SNC During FY1998, and (b) Either Inspected Within Two Years of Their Return, or Whose SNC Status Was Found By Some Other Method

Region	State	CAA			CWA			RCRA		
		Facilities RTC From SNC in FY98	Facilities in SNC Again Within 2 Yrs	Rate of Recidivism	Facilities RTC From SNC in FY98	Facilities in SNC Again Within 2 Yrs	Rate of Recidivism	Facilities RTC From SNC in FY98	Facilities in SNC Again Within 2 Yrs	Rate of Recidivism
1	CT	1	1	100%	23	16	70%	2	1	50%
	MA	3		0%	32	15	47%	3		0%
	ME	2	1	50%	31	16	52%	1		0%
	NH	1		0%	12	7	58%			
	RI	1		0%	7	6	86%	1		0%
	VT				4	4	100%	1	1	100%
Region 1 Total		8	2	25%	109	64	59%	8	2	25%
2	NJ	5		0%	18	4	22%	19	5	26%
	NY	16	1	6%	90	51	57%	6	2	33%
	PR	2		0%	5	5	100%	6		0%
	VI				1	1	100%	1		0%
Region 2 Total		23	1	4%	114	61	54%	32	7	22%
3	DC	3		0%						
	DE	6		0%						
	MD	20	1	5%	12	4	33%			
	PA	67	6	9%	47	19	40%	2		0%
	VA	63	4	6%	13	6	46%			
	WV	30	2	7%	24	12	50%	2		0%
Region 3 Total		189	13	7%	96	41	43%	4		0%
4	AL	20	15	75%	51	31	61%	6		0%
	FL	43	17	40%	91	45	49%	33	7	21%
	GA	53	11	21%	24	12	50%	13	5	38%
	KY	9	1	11%	24	14	58%	11	3	27%
	MS	7	2	29%	12	5	42%	2		0%
	NC	40	3	8%	56	28	50%	4		0%
	SC	44	9	20%	29	12	41%	12	5	42%
	TN	15	5	33%	26	22	85%	9	2	22%
Region 4 Total		231	63	27%	313	169	54%	90	22	24%
5	IL	75	22	29%	36	15	42%	1		0%
	IN	62	12	19%	35	22	63%	13		0%
	MI	87	7	8%	48	21	44%	8	2	25%
	MN	8	2	25%	11	6	55%	3		0%
	OH	59	8	14%	91	63	69%	3		0%
	WI	26	9	35%	20	7	35%	2	1	50%
Region 5 Total		317	60	19%	241	134	56%	30	3	10%
6	AR	21	6	29%	14	7	50%	3		0%
	LA	27	10	37%	52	33	63%	10		0%
	NM	4		0%	3	2	67%			
	OK	8	1	13%	20	15	75%	2		0%
	TX	115	39	34%	119	62	52%	7		0%
Region 6 Total		175	56	32%	208	119	57%	22		0%
7	IA	6	1	17%	31	13	42%			
	KS	18	6	33%	14	6	43%	3	1	33%
	MO	16	6	38%	36	22	61%	1		0%
	NE	6	2	33%	6	4	67%	2		0%
Region 7 Total		46	15	33%	87	45	52%	6	1	17%
8	CO	9	1	11%	7	1	14%	1	1	100%
	MT	18	3	17%	3	2	67%			
	ND				1		0%			
	SD	2		0%	3	1	33%			
	UT	1		0%	4	4	100%			
	WY	2		0%	4	2	50%			
Region 8 Total		32	4	13%	22	10	45%	1	1	100%
9	AZ				3	3	100%	1		0%
	CA	5	3	60%	7	1	14%	2		0%
	HI									
	NV	1		0%	3		0%			
Region 9 Total		6	3	50%	13	4	31%	3		0%
10	AK	4		0%	6	4	67%			
	ID	14	2	14%	7	4	57%	1		0%
	OR	10		0%	4	2	50%			
	WA	17	5	29%	19	6	32%	2		0%
Region 10 Total		45	7	16%	36	16	44%	3		0%
National Average		1072	224	21%	1239	663	54%	199	36	18%



## FY 2000 Inspections at Regulated Facilities: EPA and State

<u>Clean Air Act</u>	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
Total EPA Program Inspections <sup>1</sup> at entire CAA universe <sup>2</sup> (excluding CFC inspections).	116	231	114	106	204	166	129	112	51	55	1,284
Total EPA CFC Inspections	21	18	132	21	138	11	200	13	16	9	579
Total EPA Site Visit Inspections <sup>3</sup> at entire CAA universe (including CFC inspections).	89	195	182	70	288	87	293	72	65	64	1,405
Total EPA Site Visit Inspections at Major, Synthetic Minor and all Part 61 NESHAP sources <sup>4</sup> .	29	78	37	46	114	46	78	52	28	37	545
Total State Site Visit Inspections <sup>5</sup> at Major, Synthetic Minor and all Part 61 NESHAP sources.	782	1,023	4,960	5,771	2,918	3,064	2,350	1,160	1,514	756	24,298
Total # of Asbestos <sup>1</sup> notifications received by EPA or State	1,772	11,974	15,441	14,847	15,042	9,085	3,072	6,013	5,570	8,588	91,404
Total # of EPA Asbestos <sup>6</sup>	0	50	120	2	10	0	0	2	2	35	221
Total # of State Asbestos	571	649	5,537	6,805	2,505	1,690	432	2,703	2,688	782	24,362

<sup>1</sup>Total Program Inspections means multiple inspections (e.g. SIP, MACT, NSR, PSD) at same facility even on the same day each get counted.

Note: Four of the EPA inspections counted in Region 6 were actually conducted by Region 9 since they were on Indian Lands which Region 9 has jurisdiction over.

<sup>2</sup>This includes inspections at all size classes (including all minors) and all operating statuses (including permanently and temporarily closed and planned). However, it does not include EPA asbestos inspections which are captured below.

<sup>3</sup>For a site visit count, inspections of the same type at different CAA programs on the same day are only counted once.

For example, even if three different Air programs were looked at by the EPA on the same day only one inspection would be counted for that day.

However, if there were both a 1A and a 2A inspection on the same day then two inspections would be counted for the site visit count for that day.

<sup>4</sup>This universe is the subset of the total regulated air universe and only includes those sources for which reporting is required by the Office of Management and Budget approved Information Collection Request. For example, it does not include inspections at all minors other than Part 61 NESHAP minors, such as dry cleaners. However, inspections at one group of federally reportable sources, NSPS minors, are not counted by this measure. Also, inspections at asbestos sources are excluded here, but captured below.

<sup>5</sup>State inspections were counted by the pulling on the codes ANT1 = 3A, 5C, 6C.

<sup>6</sup>This count is a subset of the number of inspections in row 1 and is provided for MOA tracking purposes.

<sup>6</sup>Asbestos demolition and renovation inspection data pulled from the National Asbestos Registry System.

## FY 2000 Inspections at Regulated Facilities: EPA and State

<b>RCRA<sup>1</sup></b>	<b>Reg 1</b>	<b>Reg 2</b>	<b>Reg 3</b>	<b>Reg 4</b>	<b>Reg 5</b>	<b>Reg 6</b>	<b>Reg 7</b>	<b>Reg 8</b>	<b>Reg 9</b>	<b>Reg 10</b>	<b>Total</b>
Total EPA Inspections at entire Universe	56	340	73	194	167	118	214	101	130	131	1,524
Total State Inspections at entire Universe	522	2,583	2,834	6,204	4,003	2,244	1,102	813	493	937	21,735
Total EPA Inspections at UST	161	157	125	38	265	101	118	94	65	61	1,185
Total EPA TSDF Inspections	8	44	15	52	51	16	53	22	20	43	324
Total State TSDF Inspections	31	671	457	1,295	1,002	526	208	125	137	111	4,563
Total EPA LQG Inspections	31	89	28	74	83	46	88	13	59	27	538
Total State LQG Inspections	117	535	801	1,488	1,100	462	207	122	108	288	5,228

<sup>1</sup>Universe=TSDFs, LQGs, SQGs, Transporters, Non-Notifiers, Other

<b>Clean Water Act</b>	<b>Reg 1</b>	<b>Reg 2</b>	<b>Reg 3</b>	<b>Reg 4</b>	<b>Reg 5</b>	<b>Reg 6</b>	<b>Reg 7</b>	<b>Reg 8</b>	<b>Reg 9</b>	<b>Reg 10</b>	<b>Total</b>
Total # of EPA Inspections at NPDES Majors	59	224	26	49	12	84	54	20	32	80	640
Total # of State Inspections at NPDES Majors <sup>2</sup>	429	965	1,666	2,061	2,953	713	275	243	356	169	9,830
Total # of EPA Inspections at NPDES Minors	30	87	137	110	29	302	67	93	126	160	1,141
Total # of State Inspections at NPDES Minors	364	3,152	4,392	6,046	9,676	2,431	1,930	851	633	110	29,585
Total # of EPA Inspections at CWA 311	68	208	298	329	36	165	50	95	96	204	1,549
Total # of EPA Inspections at CWA 404	22	21	225	241	54	89	12	28	185	87	964
Total # of EPA Pretreatment Audits and Inspections <sup>3</sup> at Approved Pretreatment POTWs	16	24	30	0	0	22	0	10	6	7	115
Total # of State Pretreatment Audits and Inspections <sup>3</sup> at Approved Pretreatment POTWs	11	25	37	362	112	81	22	23	15	19	707
Total # of EPA Industrial User Inspections <sup>4</sup>	59	38	68	0	6	2	45	18	27	14	277

<sup>2</sup>State inspections were counted by pulling on the inspection types, TYPI = C, S, A, B, X, D, R, L, K, W, V, Z, Y and the inspector type, INSP = S, T.

<sup>3</sup>Inspection types counted: Pretreatment Audits and Pretreatment Compliance Inspections.

<sup>4</sup>Includes EPA industrial user inspections in pretreatment cities pulled from PCS using the inspection comment field (ICOM) and EPA Industrial User inspections in non-pretreatment cities which was sent manually.

Note: CWA inspection data is for the date range: 7/1/99 - 6/30/00.

**FY 2000 Inspections at Regulated Facilities. EPA and State**

<u>EPCRA</u>	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
Total EPA Inspections at Section 313 <sup>1</sup>	12	87	92	92	14	51	4	6	47	20	472
Total EPA Inspections at Section Non-313	29	98	93	167	467	234	105	53	88	32	1,366

<sup>1</sup>Total includes 47 Headquarter inspections

Source: Manual reporting

<u>TSCA</u>	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
Total EPA Inspections <sup>2</sup>	22	220	113	96	108	38	126	317	80	262	1,400
Total State Inspections	184	146	102	206	115	40	229	139	49	0	1,210

<sup>2</sup>Total includes 18 Headquarter inspections

<u>FIFRA</u>	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
Total EPA Inspections	2	83	440	5	19	0	13	155	26	58	799
Total State Inspections	2,382	3,037	4,817	15,974	641	24,365	2,904	325	3,896	943	59,284

Source: FTTS (State FIFRA Inspections are Cooperative Agreement Inspections as reported on Form 5700-H and State Funded Inspections)

<u>SDWA</u>	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
Total EPA PWSS Sanitary Surveys	1	105	56	178	4	0	2	74	58	10	488
Total EPA UIC Inspections	0	581	2,404	1,115	455	647	94	830	75	26	6,227

Source: Manual reporting

Data Source: EPCRA, FIFRA and TSCA - NCDB

Data Source: SDWA - Manual

Inspections at Regulated Facilities =	191,172
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## FY 2000 Inspection Coverage at Regulated Facilities

CAA Coverage (NSPS/SIP/NESHAP)	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Total
a. # of Major, Synthetic Minor and all Part 61 NESHAP sources (Universe) <sup>1</sup>	2,194	3,457	4,491	7,566	8,208	5,152	4,545	2,140	2,387	1,177	41,317
b. # of facilities inspected by EPA or State <sup>2</sup>	588	921	3,597	4,458	2,282	2,594	1,975	919	1,369	585	19,288
% inspected by EPA or State in FY 2000 (b/a)	27%	27%	80%	59%	28%	50%	43%	43%	57%	50%	47%
% not inspected in last 3 years by EPA or State	40%	34%	9%	19%	50%	24%	30%	33%	20%	32%	30%
# Majors	704	1,186	2,941	4,214	5,057	3,596	2,060	717	2,085	536	23,096
% Majors not inspected in last 3 years by EPA or State	23%	20%	9%	14%	44%	22%	21%	17%	19%	26%	23%
# Synthetic Minors	1,450	2,134	1,483	3,157	2,828	1,398	2,464	1,396	200	615	17,125
% Synthetic Minors not inspected in last 3 years by EPA or State	48%	39%	7%	23%	61%	26%	38%	42%	4%	37%	36%
# Part 61 NESHAP minors	40	137	67	195	323	158	21	27	102	26	1,096
% Part 61 NESHAP minors not inspected in last 3 years by EPA or State	55%	71%	27%	69%	53%	56%	57%	52%	72%	50%	59%

<sup>1</sup>The inspection coverage universe does not include planned, under construction, and permanently closed facilities because there quite a few of these facilities, but they are inspected infrequently. Therefore including them would unfairly elevate the denominator when calculating the inspection coverage rate.

<sup>2</sup>CAA inspections were counted by the pulling on the codes ANT1 = 1A, 2A, 3A, 5C, 6C. Note: 3 facilities (Indian Lands) counted in Region 6 were actually inspected by Region 9 which had jurisdiction.

Clean Water Act Coverage	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Total
a. # of majors (Universe)	470	614	753	1,384	1,147	1,032	386	261	331	298	6,676
b. # majors inspected by EPA or State <sup>1</sup>	311	509	556	1,223	728	735	259	196	258	205	4,980
% of majors (b/a) inspected	66%	83%	74%	88%	63%	71%	67%	75%	78%	69%	75%
# minors inspected by EPA <sup>1</sup>	26	76	130	89	28	293	59	75	82	133	991
# minors inspected by State <sup>1</sup>	232	1,895	2,135	3,861	2,589	2,218	1,640	659	506	98	15,833
# minors inspected by EPA or State <sup>1</sup>	256	1,948	2,250	3,940	2,613	2,474	1,693	733	584	231	16,722
c. # of approved pretreatment POTWs (universe)	89	81	168	517	265	142	81	62	112	48	1,565
d. # audited by EPA or State <sup>2</sup>	7	26	47	86	33	40	6	20	13	8	286
% of approved pretreatment POTWs audited (d/c)	8%	32%	28%	17%	12%	28%	7%	32%	12%	17%	18%
e. # inspected by EPA or State <sup>3</sup>	19	23	20	261	66	58	10	11	6	18	492
% of approved pretreatment POTWs inspected (e/c)	21%	28%	12%	50%	25%	41%	12%	18%	5%	38%	31%
f. # audited or inspected by EPA or State <sup>4</sup>	23	49	67	346	98	95	15	31	19	26	769
% of approved pretreatment POTWs audited or inspected (f/c)	26%	60%	40%	67%	37%	67%	19%	50%	17%	54%	49%

<sup>1</sup>CWA inspections at majors and minors were counted by pulling on the inspection types, TYPI = C, S, A, B, X, D, R, L, K, W, V, Z, Y and the inspector types, INSP = R, J, S, T, C, N. Primary Industry (INCL = P) facilities and pretreatment POTWs (PRET = Y) which only received Reconnaissance inspections were backed out of these coverage counts.

<sup>2</sup>CWA audits at approved pretreatment POTWs (inspection type TYPI=G), <sup>3</sup>CWA inspections at approved pretreatment POTWs (inspection type TYPI=P), and <sup>4</sup>CWA inspections and audits at approved pretreatment POTWs (inspection type TYPI=P,G) were all pulled using inspector types, INSP = R, J, S, T, C, N.

Note: CWA inspection data is for the date range: 7/1/99 - 6/30/00.

# FY 2000 Inspection Coverage at Regulated Facilities

RCRA Coverage <sup>1</sup>	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Totals
# of TSDFs (Universe) <sup>2</sup>	236	263	268	530	643	421	176	87	292	83	2,999
a # of TSDF facilities inspected by EPA	6	40	14	48	47	16	39	18	17	26	271
% of TSDF facilities inspected by EPA	3%	15%	5%	9%	7%	4%	22%	21%	6%	31%	9%
b # of TSDF facilities inspected by the State	31	138	226	432	387	249	82	62	101	36	1,744
% of TSDF facilities inspected by the State	13%	52%	84%	82%	60%	59%	47%	71%	35%	43%	58%
c # of TSDF facilities inspected by EPA or the State	37	180	236	466	431	253	118	79	118	62	1,980
% of TSDF facilities inspected by either EPA or the State	16%	68%	88%	88%	67%	60%	67%	91%	40%	75%	66%
# of LQG (universe) <sup>3</sup>	1,357	2,554	2,120	3,091	4,928	2,198	848	400	1,965	964	20,425
a # % of LQG facilities inspected by EPA	30	87	27	68	78	41	85	11	56	25	508
% of LQG facilities inspected by EPA	2%	3%	1%	2%	2%	2%	10%	3%	3%	3%	2%
b # of LQG facilities inspected by the State	110	454	638	1,072	946	371	155	96	94	192	4,128
% of LQG facilities inspected by the State	8%	18%	30%	35%	19%	17%	18%	24%	5%	20%	20%
c # of LQG facilities inspected by EPA or the State	137	539	659	1,130	1,016	392	231	106	150	217	4,577
% of LQG facilities inspected by either EPA or the State	10%	21%	31%	37%	21%	18%	27%	27%	8%	23%	22%
d # of facilities inspected by EPA at SQG, CESQG, Transporter, Non-Notifier and Other	32	251	30	77	38	158	92	67	47	62	854
e # of facilities inspected by the State at SQG, CESQG, Transporter, Non-Notifier and Other	358	1,105	1,360	2,591	1,702	1,057	553	512	231	466	9,935
f # of facilities inspected by either EPA or the State at SQG, CESQG, Transporter, Non-Notifier and Other	390	1,356	1,390	2,668	1,740	1,215	645	579	278	528	10,789

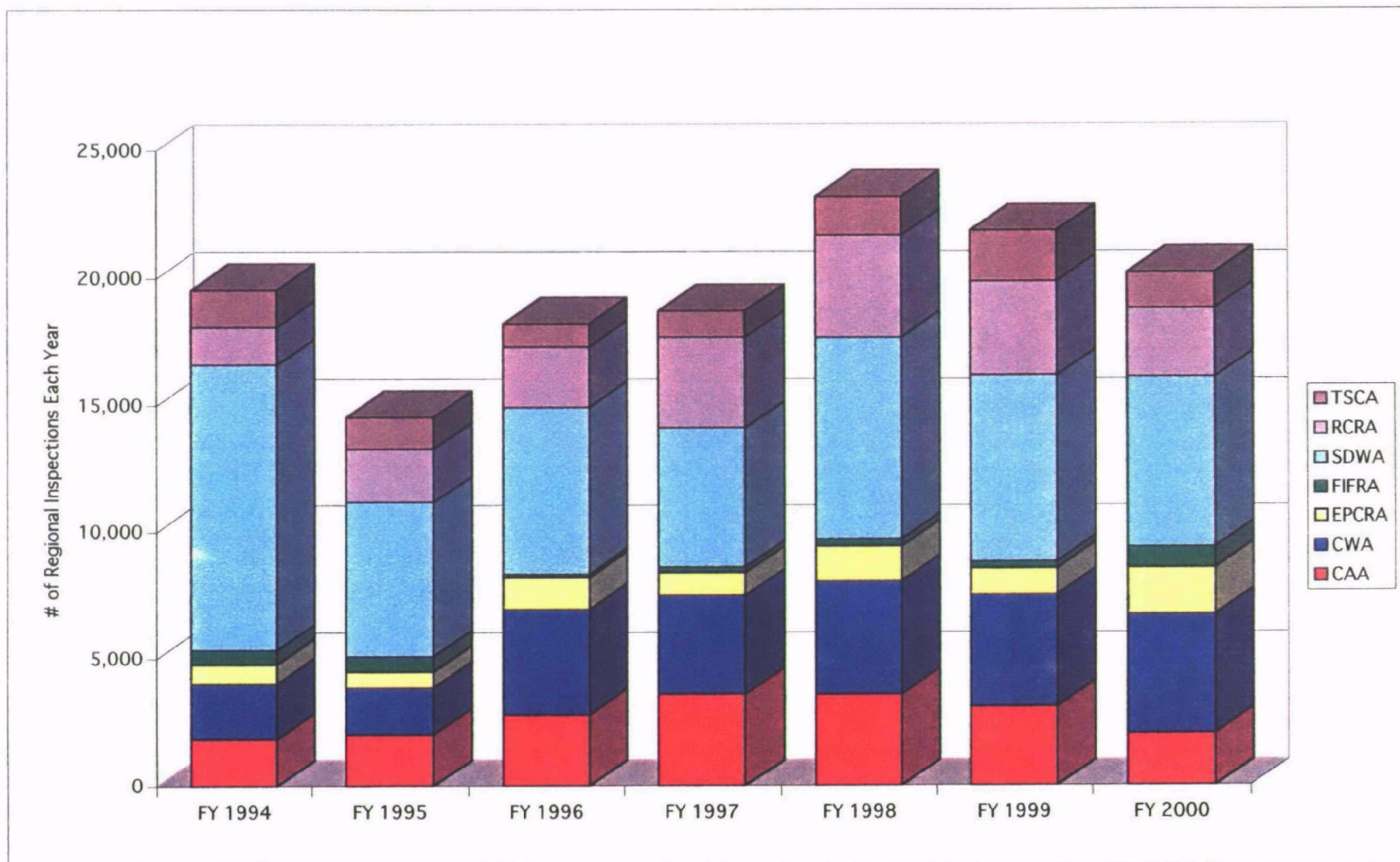
<sup>1</sup> Inspection types included, CAO, CDI, CEI, CME, SPL, FRR, NRR, CMS, CSE, OAM, MMB, MMC, MMD

<sup>2</sup> TSDs per HUSUBJCEI

<sup>3</sup> LQGs per HUFULREGGEN w/activity in 5 yrs of BRS 1997

Total # of facilities inspected by EPA or State = 59,105
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# EPA Regional Inspection Trend: FY 1994 to FY 2000



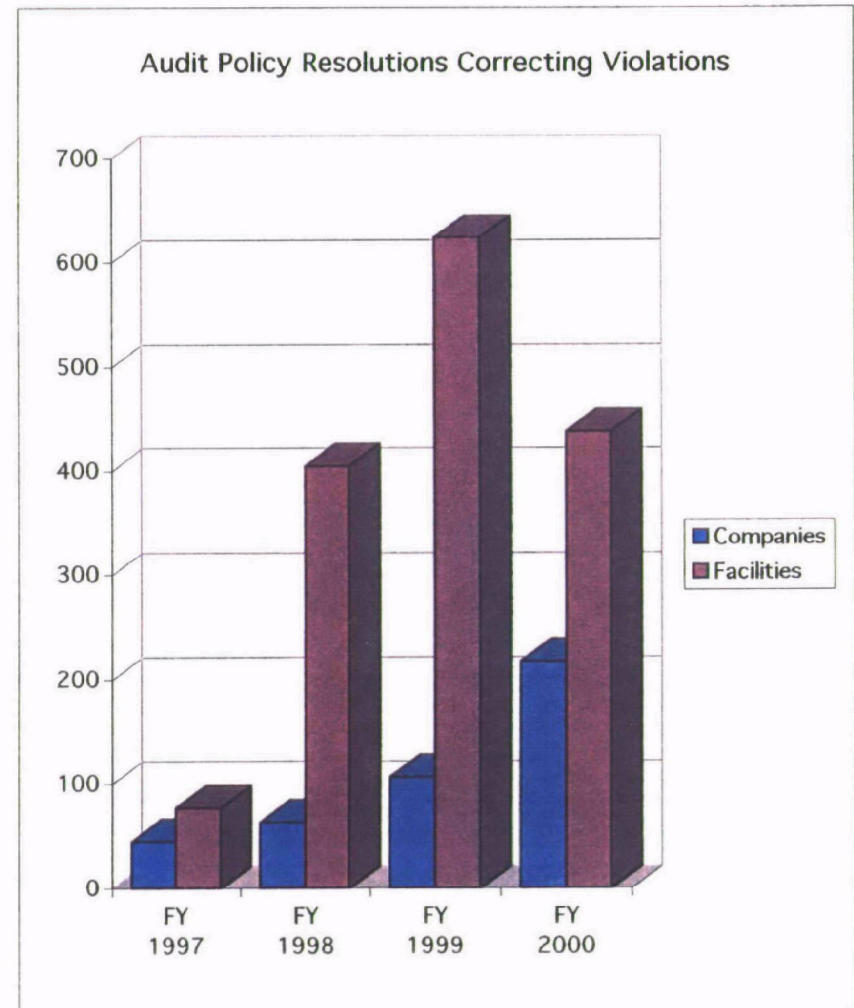
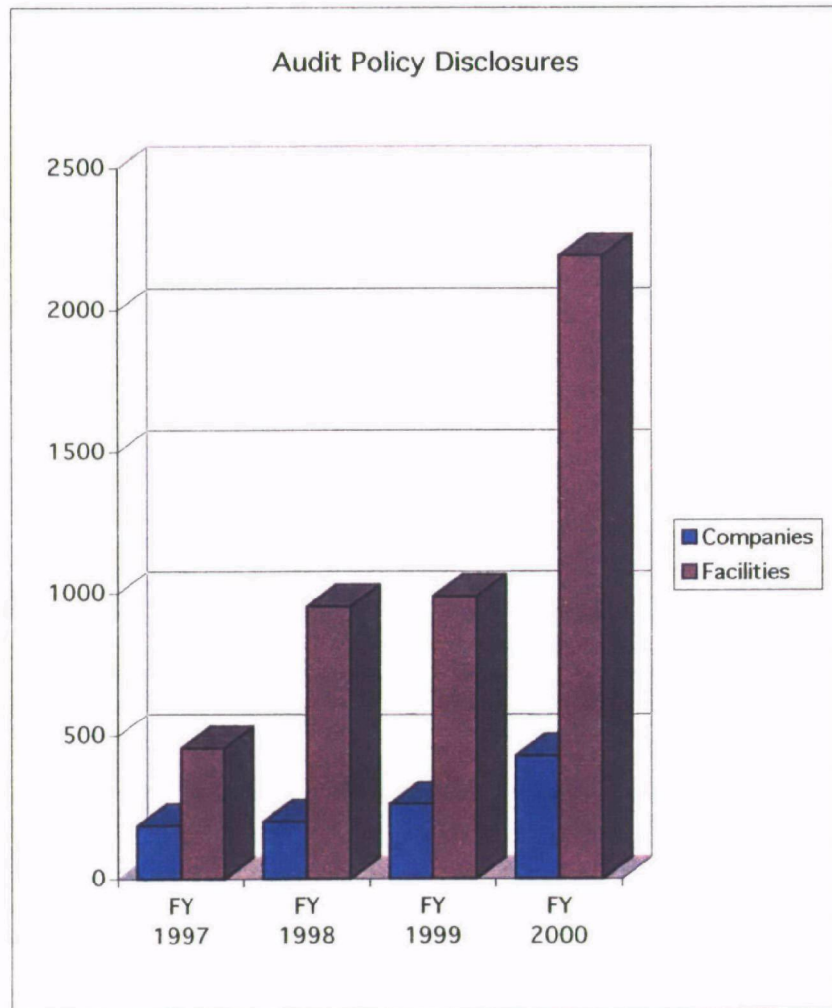
March 14, 2001 - OECA/OC/EPTDD/IUTB

NPMS Set 8 - Compliance Monitoring EOY Report for FY 2000

<u>Media Program</u>	Civil Investigations	Citizen Complaints
CAA Stationary	289	4,355
Asbestos	1	466
CAA--Mobile	128	194
CERCLA	0	599
CWA	47	2,114
EPCRA	25	44
FIFRA	32	1,120
OPA	54	1,642
RCRA	47	578
SDWA	18	654
TSCA	8	708
UST	8	540
Multimedia	3	15
Other	0	80
<b>Totals</b>	<b>660</b>	<b>13,109</b>



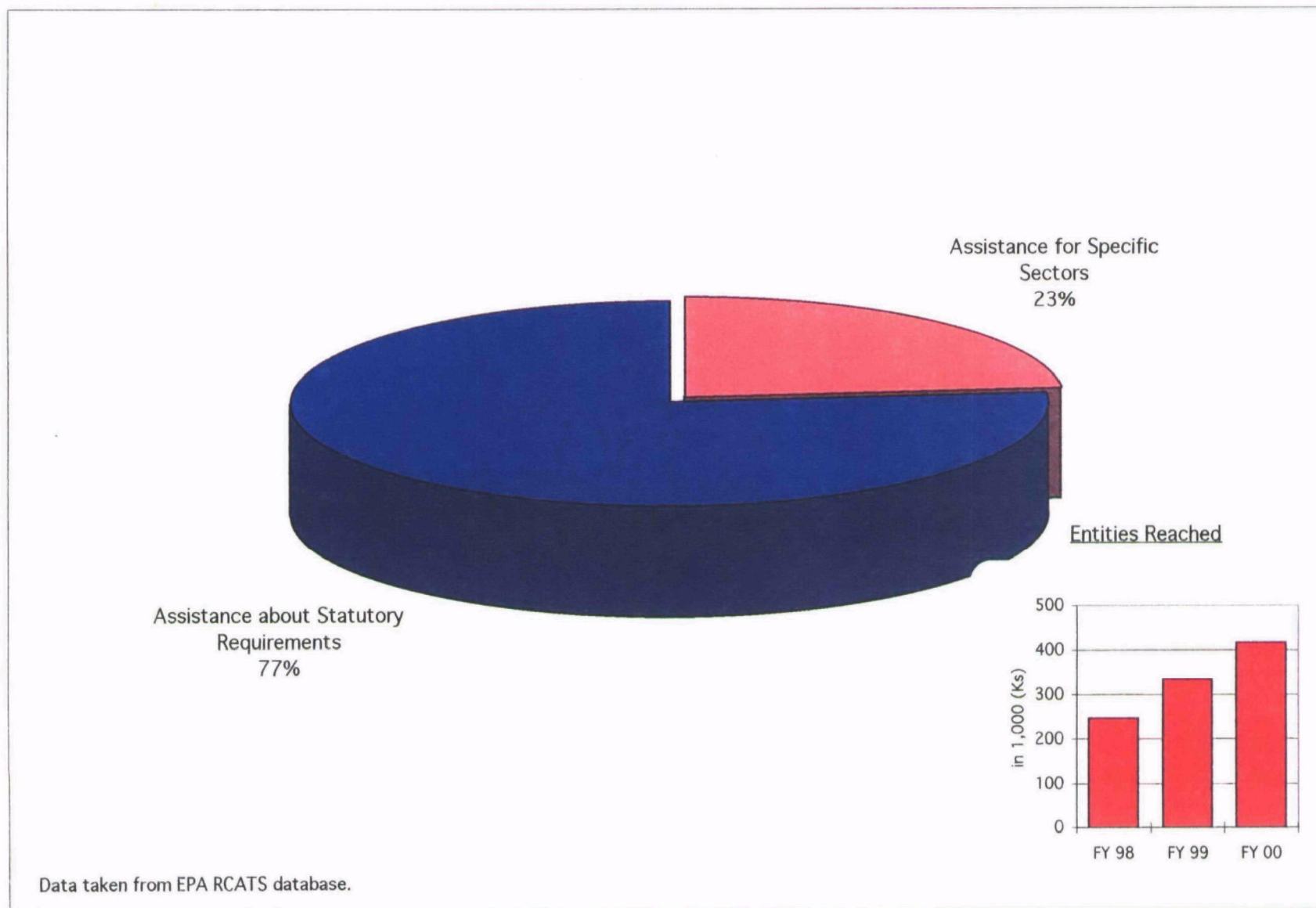
## Audit Policy: Companies Disclosing and Correcting Violations Under the Agency Audit Policy Program



Source: Office of Regulatory Enforcement

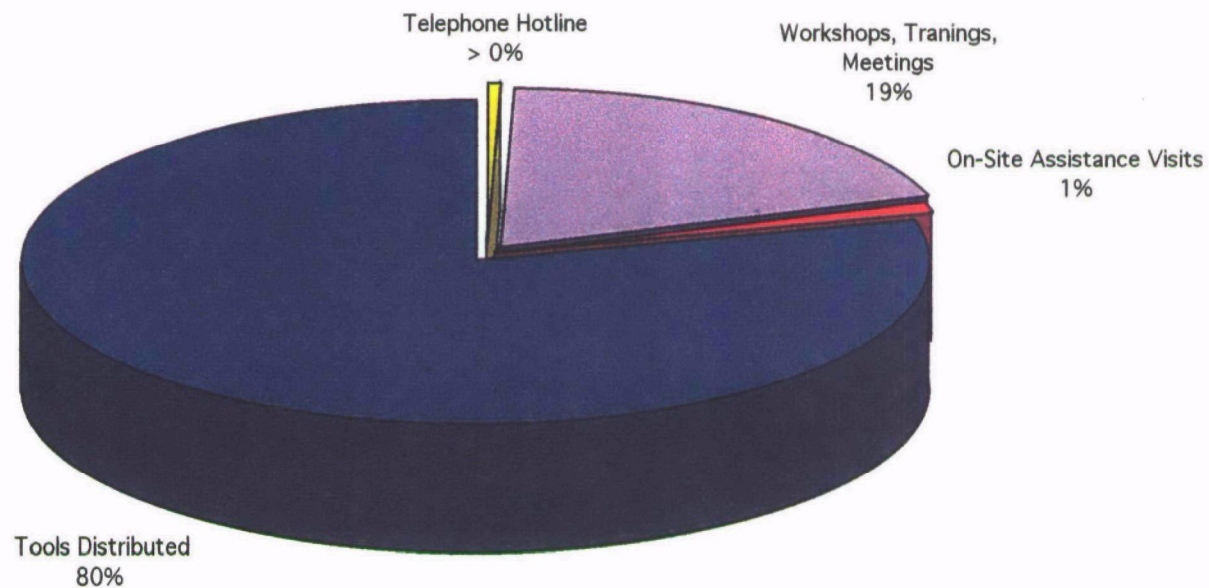
## FY 2000 National Compliance Assistance

Number of Entities Reached = 417,377



In addition, 37,891 entities were assisted with Economically Significant Rule and SBREFA Guidance.

FY 2000 National Compliance Assistance  
How 417,337 Entities Were Reached Through Compliance Assistance



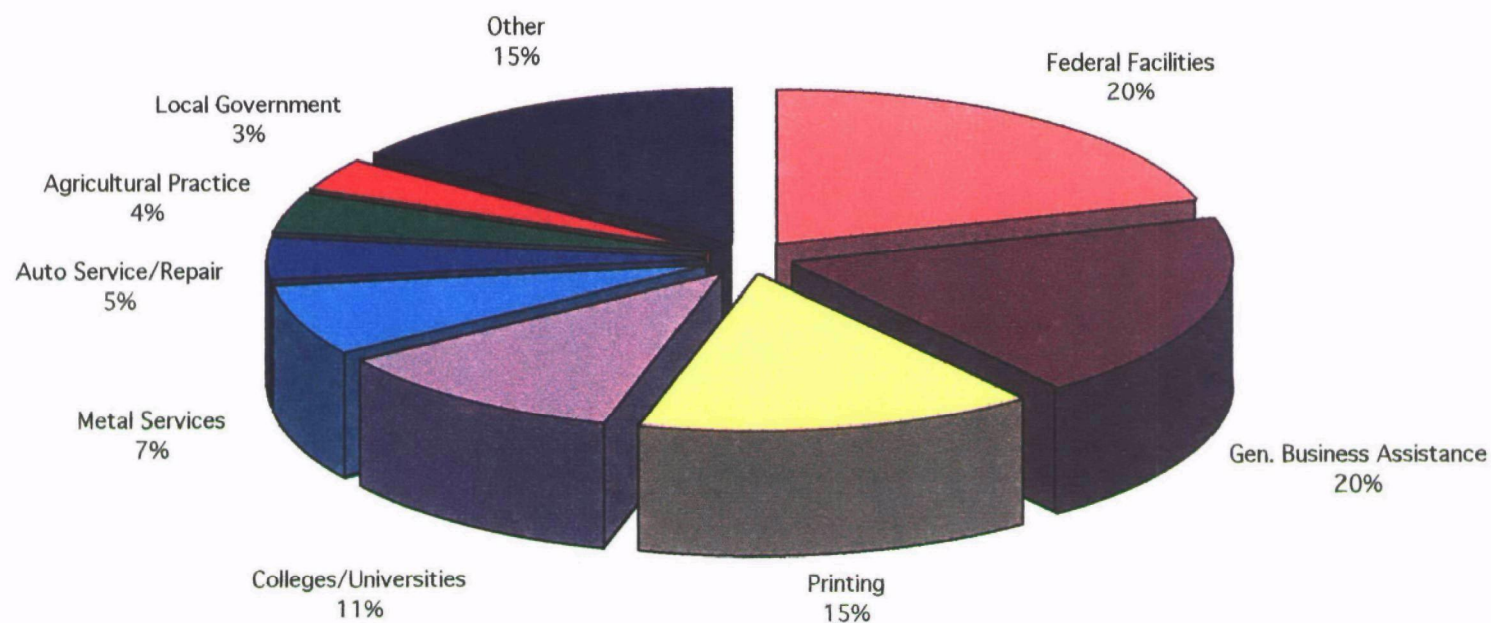
Number of Workshops, Trainings, and Meetings = 1,315  
Number of In-House Tools Developed = 140

Data taken from EPA RCATS database.

## FY 2000 Compliance Assistance for Industry/Business Sector Compliance

Entities Assisted Through EPA Compliance Assistance- by Sector

In FY 2000, 97,704 entities were provided assistance with sector compliance.

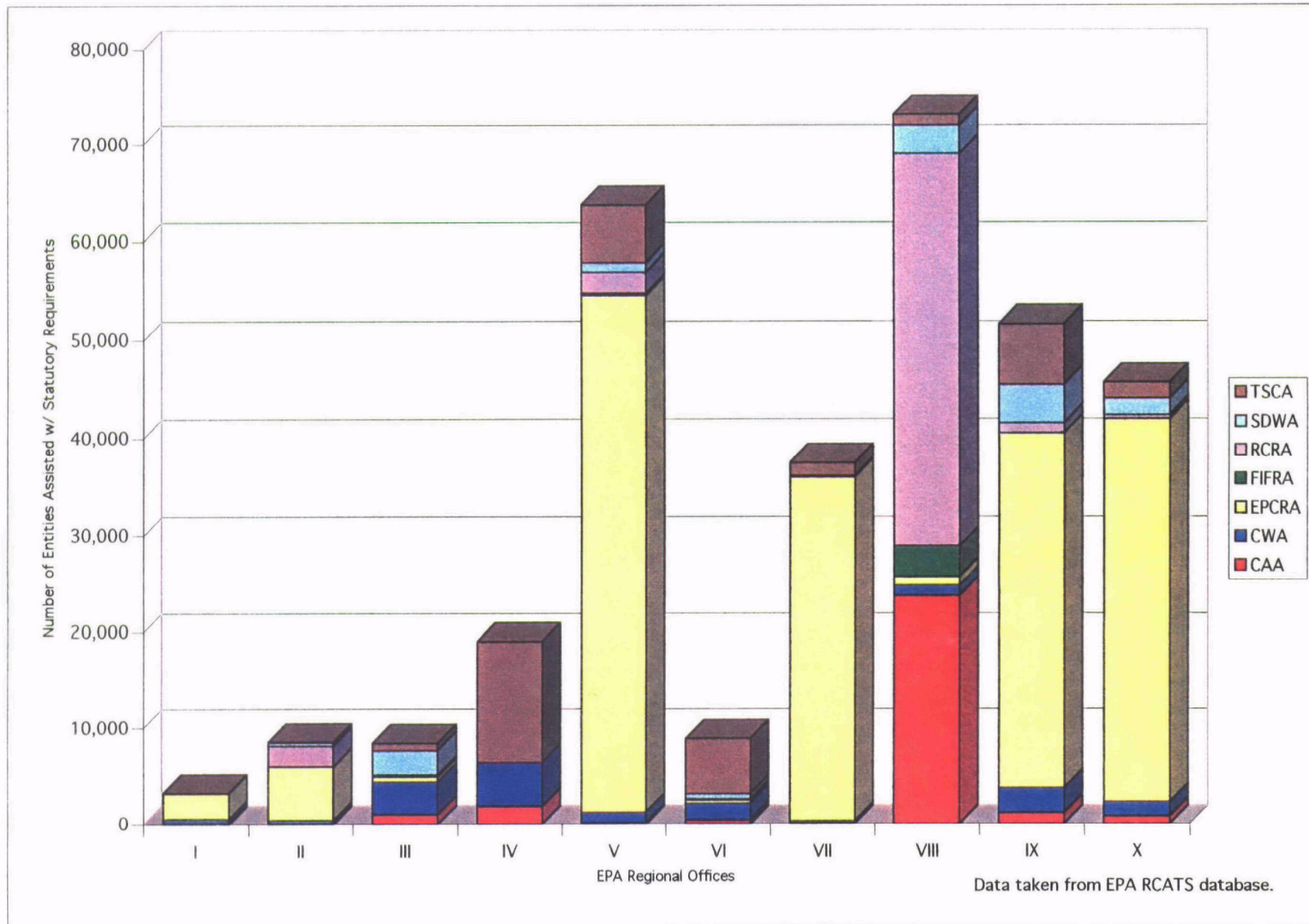


Sector assistance provided through workshops, in-house tools, hotlines, and on-sit visits.

Data taken from EPA RCATS database.



# FY 2000 Compliance Assistance with Statutory Requirements Entities Assisted by Region and Statute Addressed



Compliance assistance provided through workshops, compliance tools, hotlines and on-site visits.

### Regional Proportions of Selected FY 2000 Compliance Assistance Activities

	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>	<u>V</u>	<u>VI</u>	<u>VII</u>	<u>VIII</u>	<u>IX</u>	<u>X</u>
Workshops	17%	4%	13%	13%	9%	5%	8%	8%	18%	4%
Tools Developed	7%	10%	1%	12%	5%	1%	1%	24%	18%	22%
Tools Distributed	6%	4%	6%	7%	16%	3%	7%	24%	15%	12%
On-Site Visits	9%	2%	0%	12%	6%	2%	4%	50%	14%	1%
<b>FTE Allocation</b>	<b>8.4%</b>	<b>13.4%</b>	<b>9.6%</b>	<b>12.0%</b>	<b>17.0%</b>	<b>6.8%</b>	<b>7.3%</b>	<b>6.9%</b>	<b>9.1%</b>	<b>9.4%</b>

1. In all percentage calculations, the denominator is the national regional total.
2. Workshops and Tools Developed in-House based on % of activities.
3. Tools Distributed and on-site visits % based on # of entities reached.

# **FY 2000 Region I Compliance Assistance Outputs**

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entries Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair						34	34
Federal Facility		15	500			280	780
General Business Assistance	39	35	1,307	6	11,910	15	13,271
Local Government		25	902		523	72	1,497
Colleges & Universities		20	4,754	1	3,000		7,754
Metal Services(ElecPlat.& Coat)		36	959	1	250	1	1,210
Other		26	2,795	1	4,196	117	7,108
Regional Sector Totals	39	157	11,217	9	19,879	519	31,654
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA							0
CWA		2	500				500
CERCLA							0
RCRA							0
SDWA							0
TSCA							0
FIFRA							0
EPCRA		57	2,362		400		2,762
Regional Statute Totals	0	59	2,862	0	400	0	3,262
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS



# FY 2000 Region II Compliance Assistance Outputs

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair					2	17	19
Federal Facility	40	7	160	2	109		309
General Business Assistance		3	139	1	1,344		1,483
Local Government		1	81				81
Colleges & Universities		11	652	2	688		1,340
Printing		8	146		3,500		3,646
Dry Cleaners					8	54	62
Other		14	642	3			642
Regional Sector Totals	40	44	1,820	8	5,651	71	7,582
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		1	20	6	2		22
CWA					358		358
CERCLA							0
RCRA		1	22		2,077		2,099
SDWA					350	25	375
TSCA					25		25
FIFRA							0
EPCRA		12	580		5,051		5,631
Regional Statute Totals	0	14	622	6	7,863	25	8,510
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

# FY 2000 Region III Compliance Assistance Outputs

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Federal Facility		95	350		3,025		3,375
General Business Assistance	125	7	150				275
Colleges & Universities		8	377				377
Printing		3	28		9,000		9,028
Dry Cleaning		1	100				100
Metal Services(ElecPlat.& Coat)		10	235		1,616		1,851
Other		8	1,280		92		1,372
Regional Sector Totals	125	132	2,520	0	13,733	0	16,378
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		2	550		450		1,000
CWA		8	600		2,810		3,410
CERCLA							0
RCRA		5	152		15		167
SDWA				2	2,539		2,539
TSCA		2	60		680		740
FIFRA							0
EPCRA		15	550				550
Regional Statute Totals	0	32	1,912	2	6,494	0	8,406
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

**FY 2000 Region IV Compliance Assistance Outputs**

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair		1	15				15
Federal Facility		65	625	7	1,809	27	2,461
General Business Assistance		40	830		86	86	1,002
Local Government					1,000		1,000
Dry Cleaner					16	30	46
Metal Services(ElecPlat.& Coat)					1,200		1,200
Other	600	2	80	3	1,475	40	2,195
Regional Sector Totals	600	108	1,550	10	5,586	183	7,919
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		28	1,597	6	257	7	1,861
CWA	21	5	275		3,783	440	4,519
CERCLA							0
RCRA							0
SDWA							0
TSCA		23	1,268		11,324	38	12,630
FIFRA							0
EPCRA							0
Regional Statute Totals	21	56	3,140	6	15,364	485	19,010
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

# **FY 2000 Region V Compliance Assistance Outputs**

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Agricultural Practice		2	25				25
Federal Facility		1	75				75
Tribal Owned		2	45			15	60
Colleges & Universities		2	180				180
Primary Non-Ferrous Metal						7	7
Other		1	320		50		370
Regional Sector Totals	0	8	645	0	50	22	717
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		1	30		56	1	87
CWA	13			2	1,005	112	1,130
CERCLA							0
RCRA	1	16	621	3	1,538		2,160
SDWA		24	151		582	225	958
TSCA	6	55	5,075		817	1	5,899
FIFRA	2	2	210			1	213
EPCRA		10	7,750	2	45,576		53,326
Regional Statute Totals	22	108	13,837	7	49,574	340	63,773
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

# FY 2000 Region VI Compliance Assistance Outputs

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair					55		55
Agricultural Practice		12	56				56
Federal Facility		8	173	1	1,445	55	1,673
Petroleum Refining		9	205				205
Metal Services (Elec/Coating)		1	24		1,757		1,781
Other		1	25		1		26
Regional Sector Totals	0	31	483	1	3,258	55	3,796
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		3	400				400
CWA		15	1,228		435	60	1,723
CERCLA							0
RCRA		3	116				116
SDWA	1	1	50		468	14	533
TSCA	4	2	100		5,612	2	5,718
FIFRA							0
EPCRA		12	375				375
Regional Statute Totals	5	36	2,269	0	6,515	76	8,865
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

**FY 2000 Region VII Compliance Assistance Outputs**

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Agricultural Practice		1	374				374
Federal Facility		31	241	1	1,416		1,657
General Business Assistance							0
Local Government							0
Colleges & Universities							0
Metal Services(ElecPlat.& Coat)							0
Other		1	15			223	238
Regional Sector Totals	0	33	630	1	1,416	223	2,269
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		5	86		105		191
CWA		2	55			12	67
CERCLA							0
RCRA	17	3	104				121
SDWA							0
TSCA		8	527		825		1,352
FIFRA							0
EPCRA		45	16,358		19,319		35,677
Regional Statute Totals	17	63	17,130	0	20,249	12	37,408
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

# FY 2000 Region VIII Compliance Assistance Outputs

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair		27	395	7	639	621	1,655
Agricultural Practice		4	100	1	2,910	60	3,070
Federal Facility		18	581	9	2,433	156	3,170
General Business Assistance					646		646
Local Government		1	40				40
Tribal Owned						4	4
Other							0
Regional Sector Totals	0	50	1,116	17	6,628	841	8,585
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA		10	436		22,814	546	23,796
CWA	1	14	700		333	26	1,060
CERCLA				2			0
RCRA		1	45		40,011	21	40,077
SDWA	200	15	730	14	1,579	431	2,940
TSCA		8	250		36	860	1,146
FIFRA		2	60		3,000	81	3,141
EPCRA		6	320		600		920
Regional Statute Totals	201	56	2,541	16	68,373	1,965	73,080
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS



**FY 2000 Region IX Compliance Assistance Outputs**

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair		1	32		2,400		2,432
Federal Facility		87	1,507		2,200	68	3,775
General Business Assistance		3	150				150
Local Government		4	145				145
Tribal Owned Entites		7	215				215
Metal Services(ElecPlat.& Coat)	20			1			20
Dry Cleaners	5				19		24
Other	0	13	262		20	51	333
Regional Sector Totals	25	115	2,311	1	4,639	119	7,094
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA	80	3	350	5	400	302	1,132
CWA		39	2,415		200		2,615
CERCLA							0
RCRA	200	9	565		14	223	1,002
SDWA		23	676	2	3,180	13	3,869
TSCA	139	22	2,019	14	4,009	114	6,281
FIFRA							0
EPCRA		10	461	2	36,278		36,739
Regional Statute Totals	419	106	6,486	23	44,081	652	51,638
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig. Rule + SBREFA Guidance Development

Source: RCATS

# FY 2000 Region X Compliance Assistance Outputs

Area	Telephone Hotline	Workshops/ Meetings/Trainings		Tools Developed In-House	Tools Distributed	On-Site Visits	Total No. of Entities Reached
	# of Entities Reached	No. of Activities	# of Entities Reached	No. of Activities	# of Entities Reached	# of Entities Reached	
Sector Based							
Auto Service/Repair							0
Federal Facility						78	78
General Business Assistance							0
Local Government							0
Colleges & Universities							0
Metal Services(ElecPlat.& Coat)							0
Other							0
Regional Sector Totals	0	0	0	0	0	78	78
National Sector Totals	829	699	23,009	49	71,755	2,111	97,704
Statute Based							
CAA					790		790
CWA		11	700		800		1,500
CERCLA							0
RCRA	360	2	50				410
SDWA		21	1,628				1,628
TSCA		12	1,200		450		1,650
FIFRA							0
EPCRA		7	2,560	30	37,063		39,623
Regional Statute Totals	360	53	6,138	30	39,103	0	45,601
National Statute Totals	1,045	585	56,937	91	258,136	3,555	319,673
National Grand Totals*	1,874	*1,315	*80,375	140	*367,341	**5,678	**455,268

\* Grand Total includes HQs.

\*\* Grand Total = Sector + Statute + Economically Sig Rule + SBREFA Guidance Development

Source: RCATS

## NPMS Measure Set 11: Capacity Building Activities

<u>Capacity Building Activities</u>	<u>EPA Regions</u>										Total
	I	II	III	IV	V	VI	VII	VIII	IX	X	
Training Courses	6	59	43	69	28	23	41	84	84	26	463
Assisted Inspections	29	96	30	154	53	81	50	306	114	219	1,132
Special Assistance	49	1	6	234	555	189	201	111	136	45	1,527

<u>Regulatory Determinations</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
CAA	93	4	12	27	125	415	388	75	17	200	1,356
CWA	0	0	933	214	245	261	90	73	120	0	1,936
Pesticides	10	0	6	702	87	8	171	6	176	166	1,332
RCRA	1,072	45	2	65	6	3	0	165	50	0	1,408
SDWA	0	75	2	0	85	11	91	16	16	0	296
Toxics	0	59	0	62	23	15	53	0	0	77	289
UST	0	50	0	6	0	0	0	0	0	0	56
Other	0	0	0	8	0	13	0	0	0	7	28
Totals	1,175	233	955	1,084	571	726	793	335	379	450	6,701

Source: Manual Reports

## Consent Decree Tracking and Follow-up

### Status of Active Decrees: FY 2000 - Quarter 4 (by Region)

	I	II	III	IV	V	VI	VII	VIII	IX	X	Total	%
<u>Number of Active Decrees</u>	124	140	276	225	318	122	41	61	84	54	1,445	
<u>Status of active CDs at end of quarter:</u>												
• In compliance	51	0	261	205	210	1	7	52	0	0	787	(54.5%)
• In violation, action taken	2	2	8	6	23	0	0	1	0	0	42	(2.9%)
• In violation, action planned	1	0	4	6	12	0	0	1	0	1	25	(1.7%)
• Violation, no action planned	0	0	0	0	0	0	0	2	0	0	2	(0.1%)
• Not reported or unknown	70	138	3	8	73	121	34	5	84	53	589	(40.8%)

Regions IX has not entered the status of any consent decrees in four years (Region VI - one case in four years).

Region IX has not added or deleted (concluded) one consent decree since FY 1997.

HQ has entered no consent decrees in CDETS.

## Consent Decree Tracking and Follow-up

### % of Active Decrees with Status Maintained in Docket by Region/by Quarter for FY 2000

	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
1st Quarter Status Maintained	59%	98%	98%	0%	89%	0%	100%	93%	0%	43%	61%
2nd Quarter Status Maintained	59%	94%	98%	97%	84%	0%	100%	93%	0%	64%	75%
3rd Quarter Status Maintained	53%	96%	98%	91%	89%	0%	100%	93%	0%	2%	74%
4th Quarter Status Maintained	44%	1%	97%	96%	77%	1%	17%	92%	0%	2%	59%

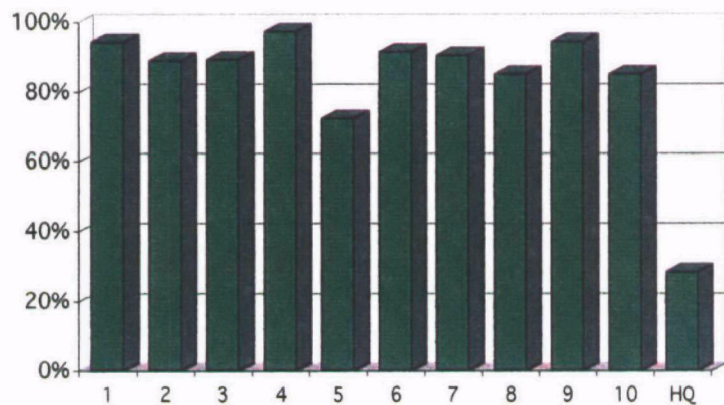
### Number of Active Consent Decrees as of 9/30/00 per Docket

<u>Active Decrees as of 9/00</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	Total
CAA	9	12	33	10	50	50	2	7	22	8	203
CERCLA	80	100	198	178	194	30	34	29	42	36	921
CWA	25	10	26	15	46	26	4	10	14	6	182
EPCRA	0	0	0	0	1	0	0	0	0	1	2
FIFRA	0	1	0	0	0	0	0	0	0	1	2
MPRSA	0	1	0	0	0	0	0	0	0	0	1
RCRA	8	12	11	18	23	12	1	7	5	2	99
SDWA	2	3	5	4	4	2	0	8	1	0	29
TSCA	0	1	3	0	0	2	0	0	0	0	6
Total	124	140	276	225	318	122	41	61	84	54	1,445

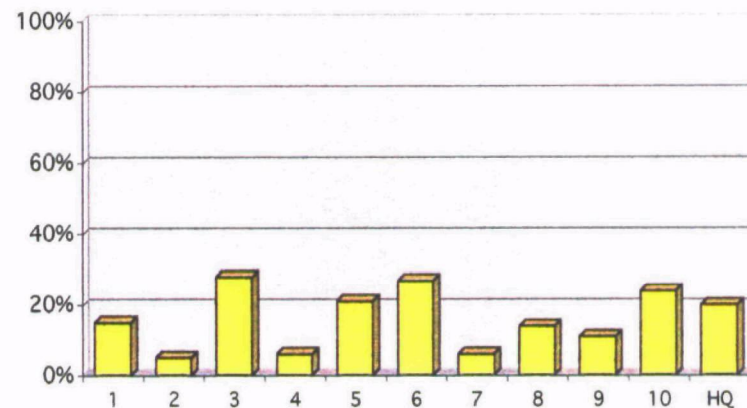
These data based on Regions' maintenance of their consent decrees' statuses in the Consent Decree Tracking System within the Docket system.

## Completeness of FY 2000 Case Conclusion Data Sheet Case Attributes in Docket (by Office)

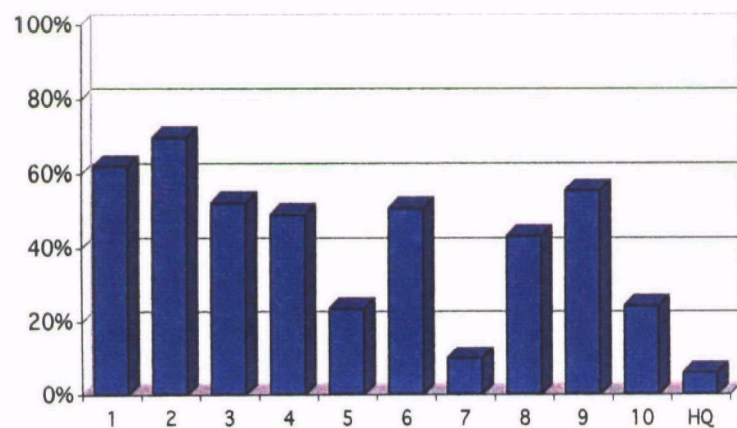
Percent of Settlements with Complying Action Data



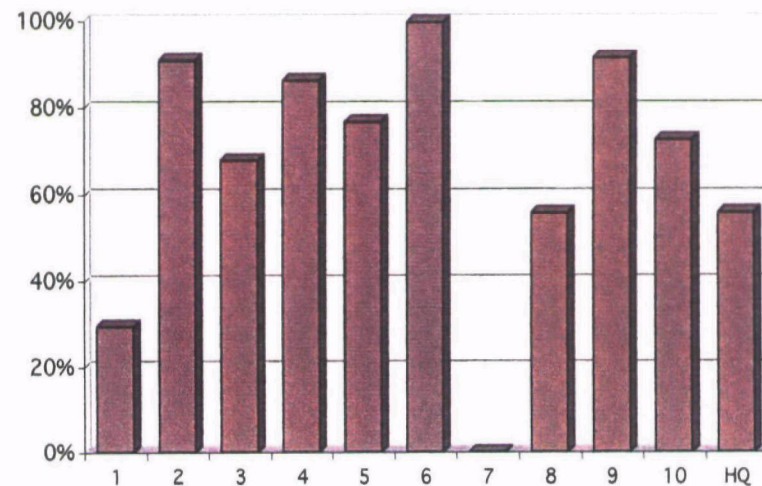
Percent of Cases with Pollutant Reduced Listed



Percent of Cases with Injunctive Relief Value



Percent of Cases with SIC Code Data



Nationally, various case attributes were reported at the following rates: complying action data - 88%; pollutant reduced data - 15%; injunctive relief data - 46%; SIC code data - 74%.

December 5, 2000 - OECA/OC/EPTDD/IUTB

## Pollutant Data Reported for FY 2000 EPA Civil Settlements

EPA Office	# of FY 2000 Settlements	# with Pollutant Listed	% of Settlements	# Cases with Amt and Unit	% of Settlements	# Pollutants w/ Amt / unit	# converted to pounds	Total Pounds
I	237	35	(15%)	15	(6%)	19	19	91,407,930
II	920	43	(5%)	24	(3%)	31	29	22,367,669
III	526	148	(28%)	18	(3%)	57	25	3,855,933
IV	772	43	(6%)	17	(2%)	24	23	4,749,196
V	403	85	(21%)	36	(9%)	71	51	747,848,324
VI	1,150	306	(27%)	126	(11%)	201	194	28,633,684
VII	542	32	(6%)	7	(1%)	12	12	121,531,458
VIII	313	44	(14%)	19	(6%)	25	25	557,875,722
IX	437	48	(11%)	19	(4%)	37	35	21,252,038
X	168	41	(24%)	18	(11%)	27	26	7,072,948
HQ	141	28	(20%)	28	(20%)	30	30	10,818
<b>Total Civil</b>	<b>5,609</b>	<b>853</b>	<b>(15%)</b>	<b>327</b>	<b>(6%)</b>	<b>534</b>	<b>469</b>	<b>1,606,605,720</b>

Primary Law	# of FY 2000 Settlements	# with Pollutant Listed	% of Settlements	# Cases with Amt and Unit	% of Settlements	# Pollutants w/ Amt / unit	# converted to pounds	Total Pounds
CAA	534	123	(23%)	65	(12%)	76	75	26,669,676
CERCLA	381	76	(20%)	38	(10%)	100	50	1,389,977,274
CWA	1,264	501	(40%)	152	(12%)	250	248	120,198,322
EPCRA	382	24	(6%)	16	(4%)	27	25	1,665,327
EFERA	264	9	(3%)	7	(3%)	8	8	1,353
RCRA	445	45	(10%)	32	(7%)	47	40	65,060,512
SDWA	2,134	46	(2%)	5	(0%)	9	6	711,750
TSCA	205	29	(14%)	12	(6%)	17	17	2,321,506
<b>Total Civil</b>	<b>5,609</b>	<b>853</b>	<b>(15%)</b>	<b>327</b>	<b>(6%)</b>	<b>534</b>	<b>469</b>	<b>1,606,605,720</b>

November 30, 2000 - OECA/OC/EPTDD/IUTB



## FY 2000 Regional Inspections in MOA Priority Areas

<u>Clean Air Act.</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	total
Air Toxics <sup>1</sup>	27	45	24	5	20	40	13	14	8	13	209
NSR/PSD	4	6	9	15	24	15	2	9	2	1	87
Totals	31	51	33	20	44	55	15	23	10	14	296

<sup>1</sup>These are only MACT inspections.

<u>CAA Investigations</u>	18	20	54	37	95	10	8	19	24	4	289
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Source: Manual reporting

<u>CWA - Wet Weather</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	total
CSO	0	0	0	0	1	0	3	0	0	0	4
CAFOs	0	0	5	17	8	98	21	9	61	65	284
SSO	0	0	0	5	1	0	1	3	12	0	22
Stormwater	0	0	102	60	1	170	0	9	29	4	375
Totals	0	0	107	82	11	268	25	21	102	69	685

Source: IDEA

### Select Logic:

CSO Inspections: Selected on inspection code: Y(CSO) for all permit types (Date range 7/1/99 - 6/30/00).

CAFO Inspections: Selected on inspection code: K(CAFO) for all permit types (Date range 7/1/99 - 6/30/00).

SSO Inspections: Selected on inspection code: V(SSO) for all permit types (Date range 7/1/99 - 6/30/00).

Stormwater Inspections: Selected on inspection code: W (Stormwater) for all permit types (Date range 7/1/99 - 6/30/00).

For all these measures the Inspector Codes: R, J, C, N were chosen for EPA inspections.

## Regional Inspections for MOA Priority Areas

<u>RCRA Permit Evaders</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	total
Waste-Derived Permit	1	0	0	4	3	0	0	NR	0	0	8
Mineral Processing	0	2	3	3	2	0	0	NR	3	2	15
Foundries	7	25	5	10	14	0	10	NR	5	0	76
Other	1	33	44	0	32	115	11	NR	0	3	239
Total	9	60	52	17	51	115	21	0	8	5	338

<u>Petroleum Refining</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	total
CWA	0	3	0	0	1	8	0	0	0	2	14
CAA	0	6	31	0	2	40	0	2	0	0	81
RCRA	0	6	5	5	2	3	0	4	9	5	39
Total	0	15	36	5	5	51	0	6	9	7	134

Source: IDEA for CWA and CAA. Manual for RCRA.

Air and Water facilities selected using SFIP (Sector Facility Index Project) facility Ids beginning with PET.

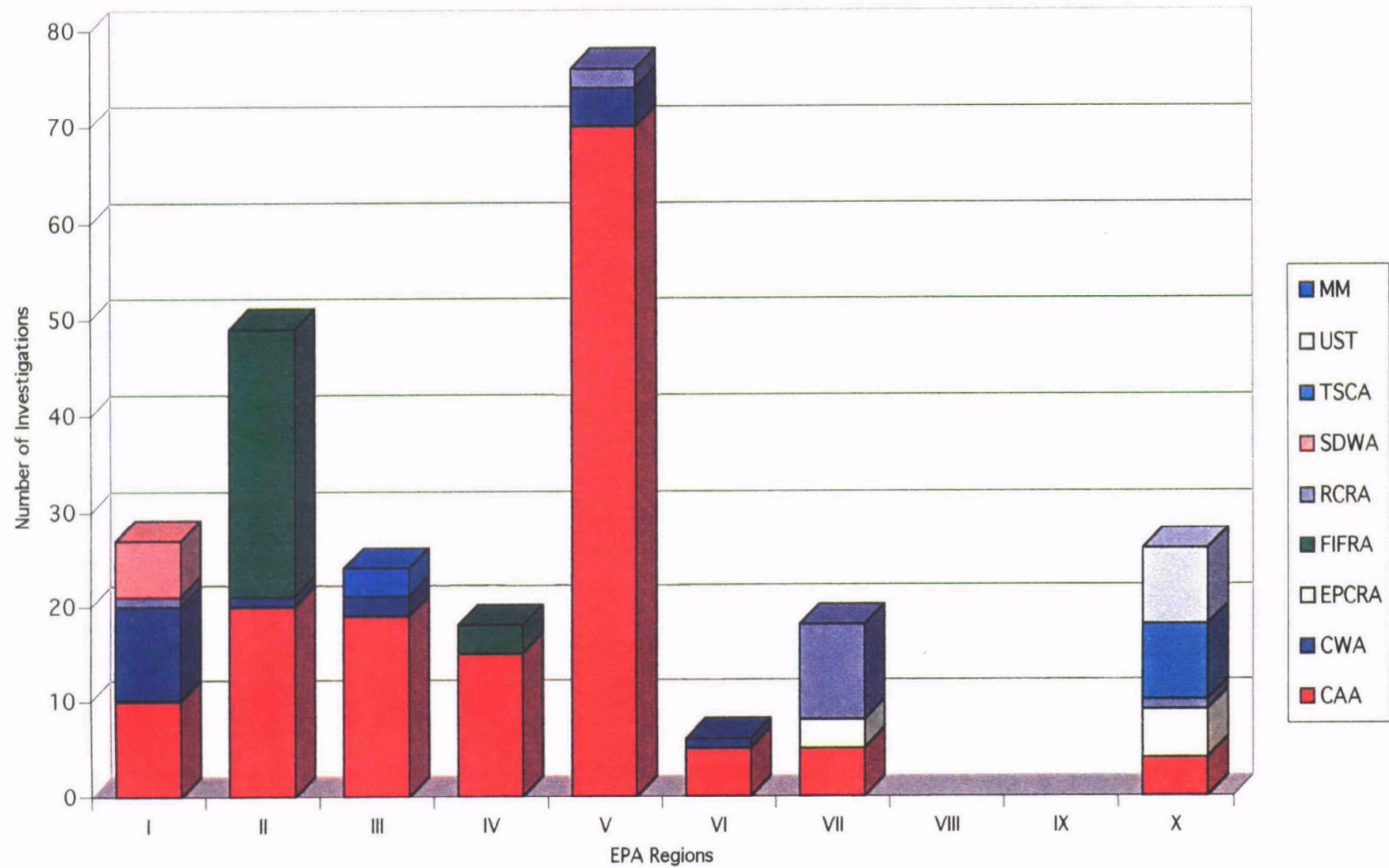
<u>Metal Finishing</u>	I	II	III	IV	V	VI	VII	VIII	IX	X	total
CWA	4	1	1	0	0	1	0	1	0	0	8
CAA	9	7	0	17	1	22	7	4	8	2	77
RCRA	12	36	8	18	26	17	0	8	0	6	131
Total	25	44	9	35	27	40	7	13	8	8	216

Source: IDEA for CWA and CAA. Manual for RCRA.

Air and Water facilities selected using SIC codes 3471 and 3479.

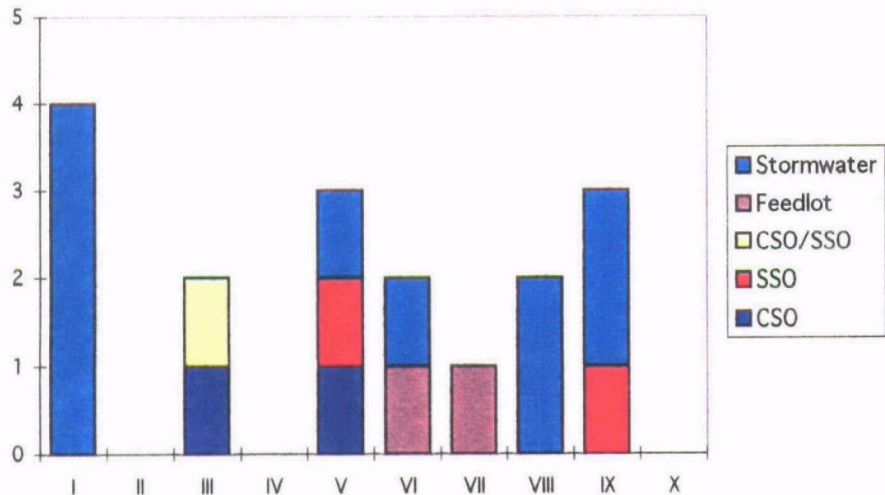
# NPMS Measure Set 8: Number of Investigations at Refineries for Selected Violations

(NSR/PSD, LDAR, Benzene Waste-NESHAPS and RCRA, and Refinery Fuel Gas)

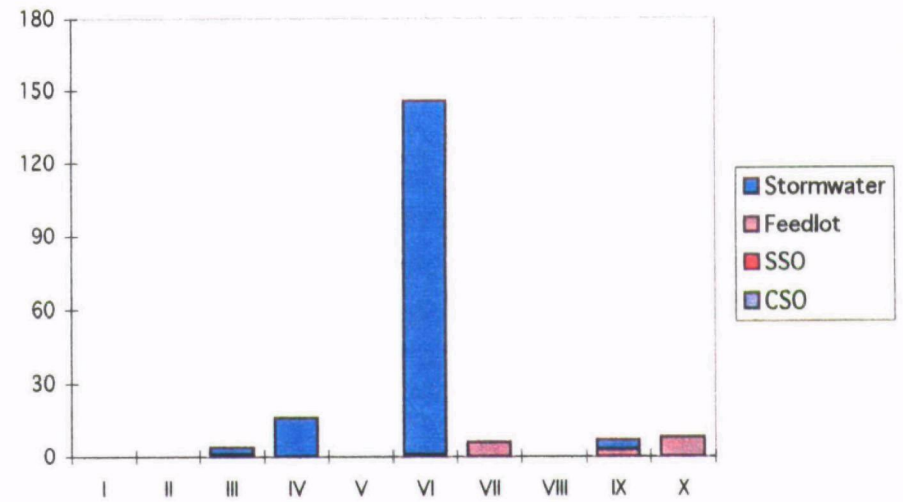


## Selected FY 2000 Outputs for MOA Priority Areas - Wet Weather

FY 2000 Wet Weather Civil Referrals

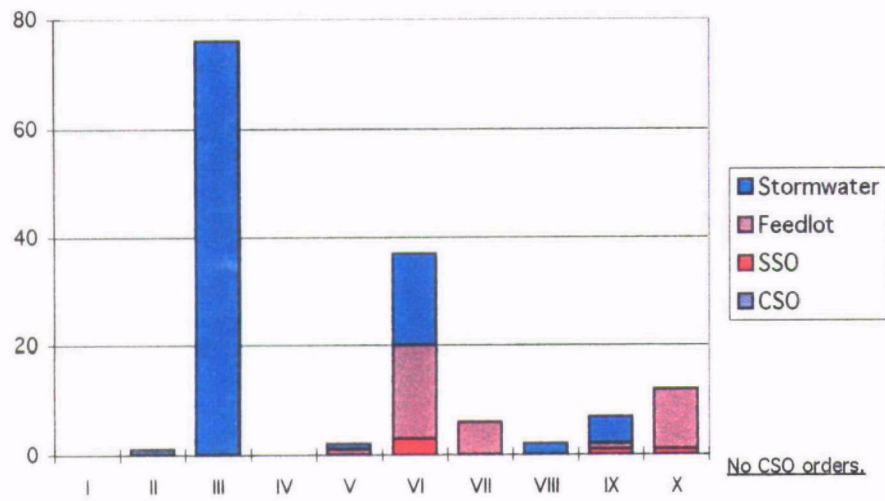


FY 2000 APO Complaints



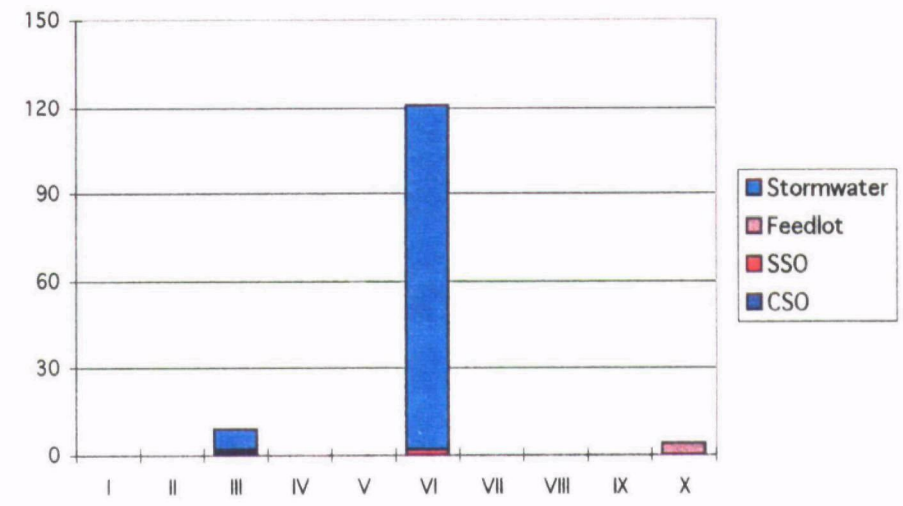
There were no CSO APO complaints and one SSO complaint (R6).

FY 2000 Non-Penalty Compliance Orders



Source: Civil Docket

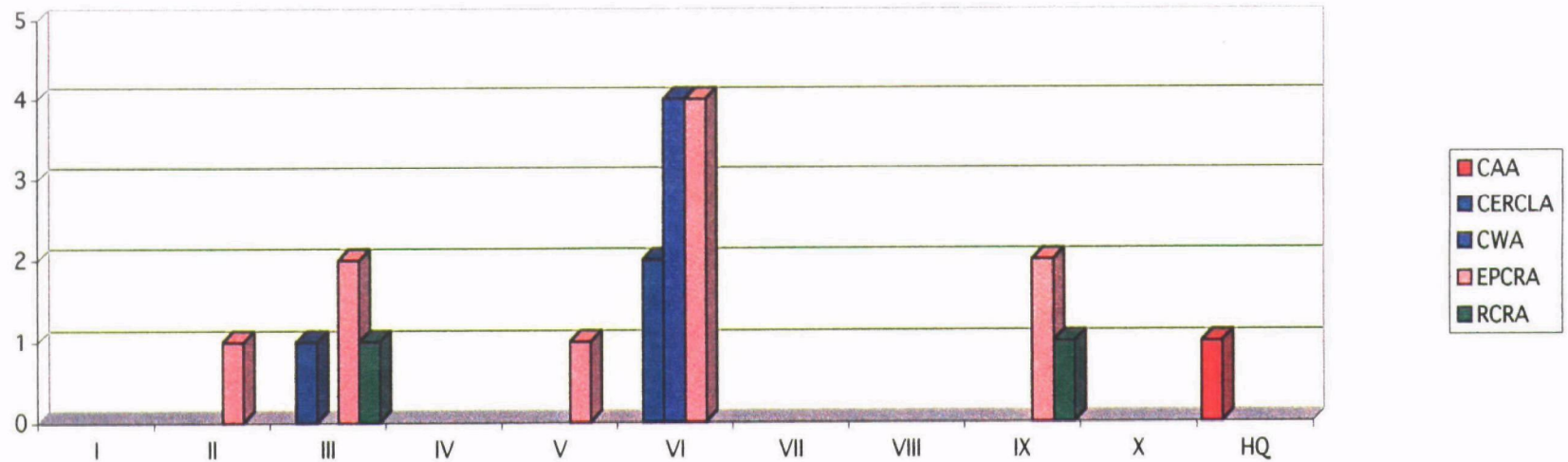
FY 2000 Final APO Settlements



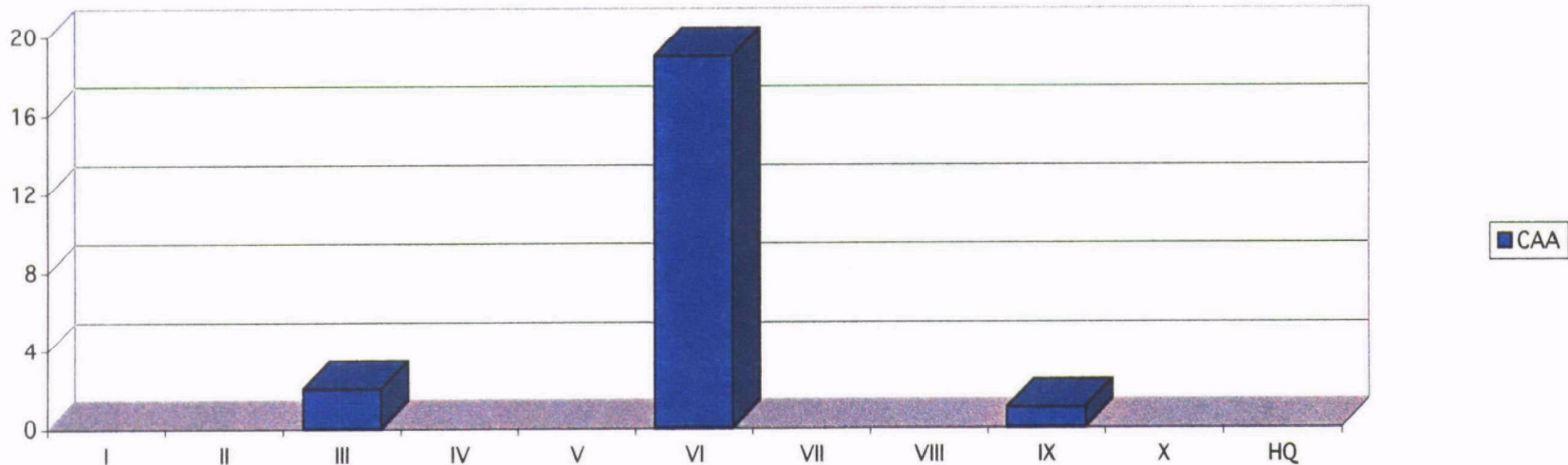
OECA/OC/EPTDD/IUTB  
5/1/01

## Selected FY 2000 Outputs for MOA Priority Areas - Petroleum Refining

FY 2000 APO Complaints at Facilities with 2911 SIC Codes

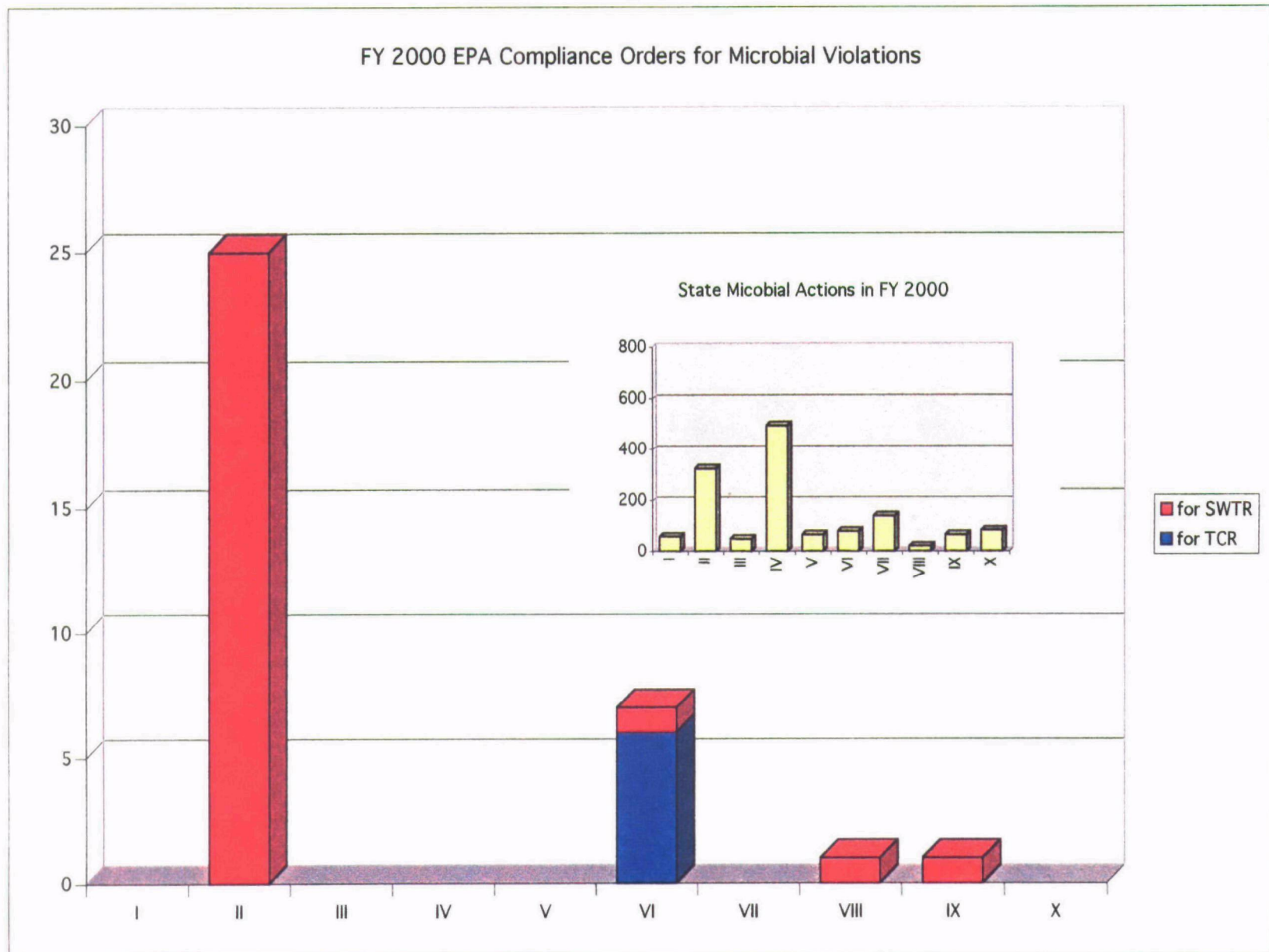


FY 2000 Civil Referrals for Facilities with 2911 SIC Codes





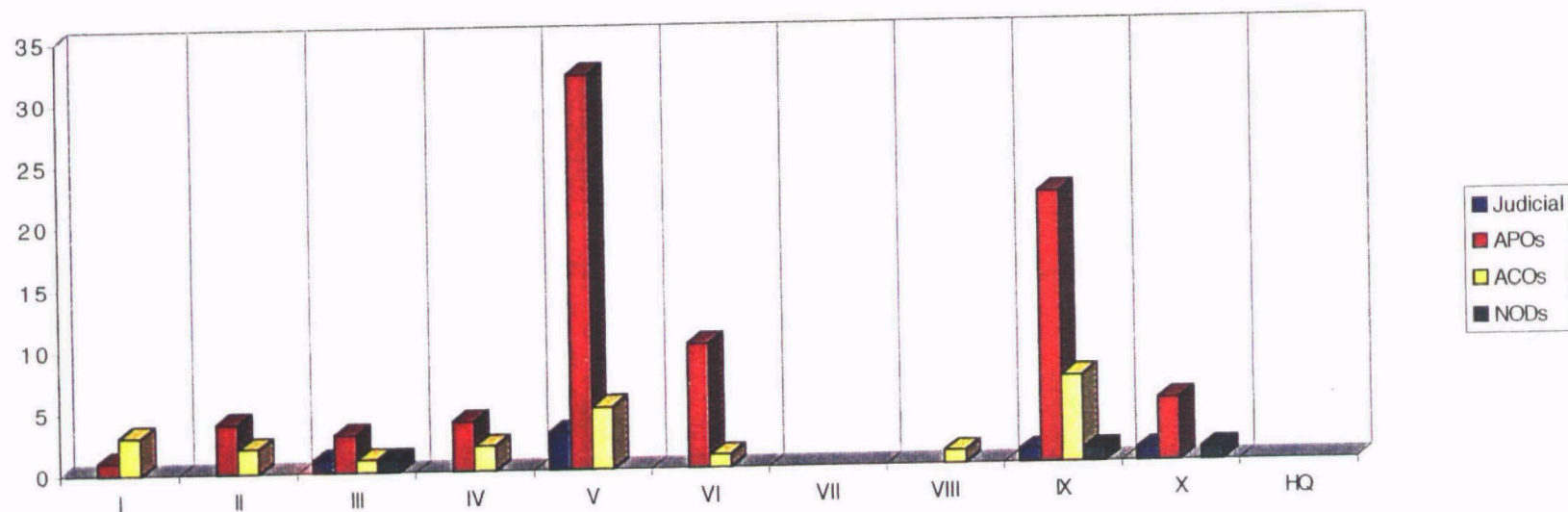
## Selected FY 2000 Outputs for MOA Priority Areas - SDWA Microbial



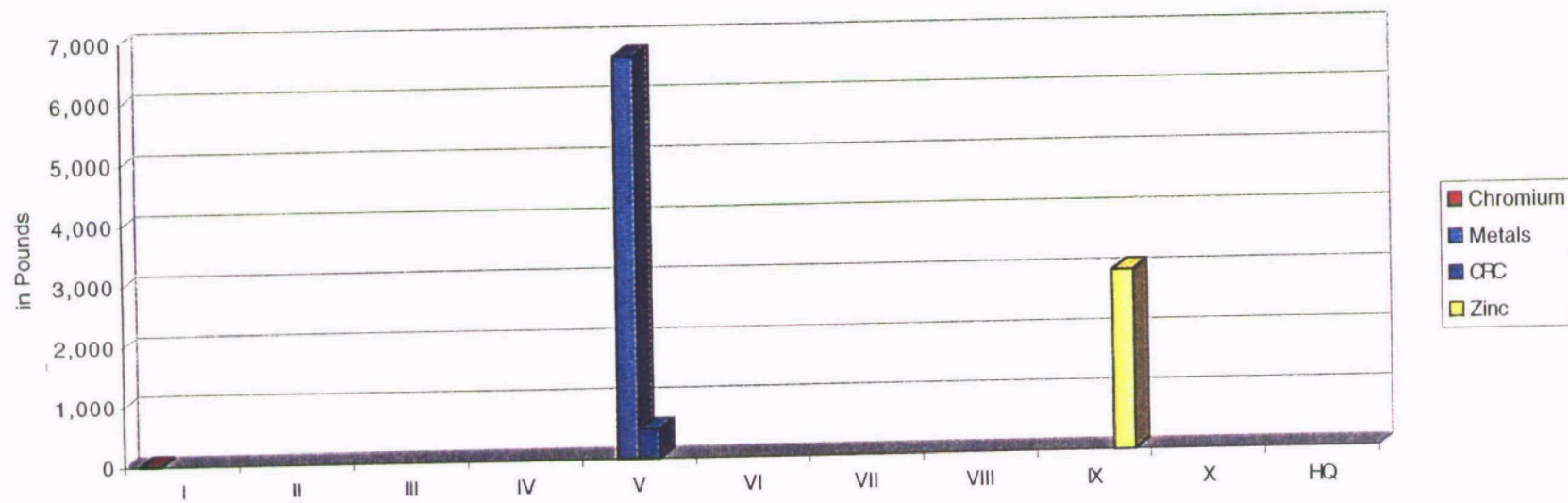
There were no EPA judicial or APO complaints in FY 2000.

# Selected FY 2000 Outputs for MOA Priorities - Metal Services

FY 2000 Settlements at Metal Services Facilities

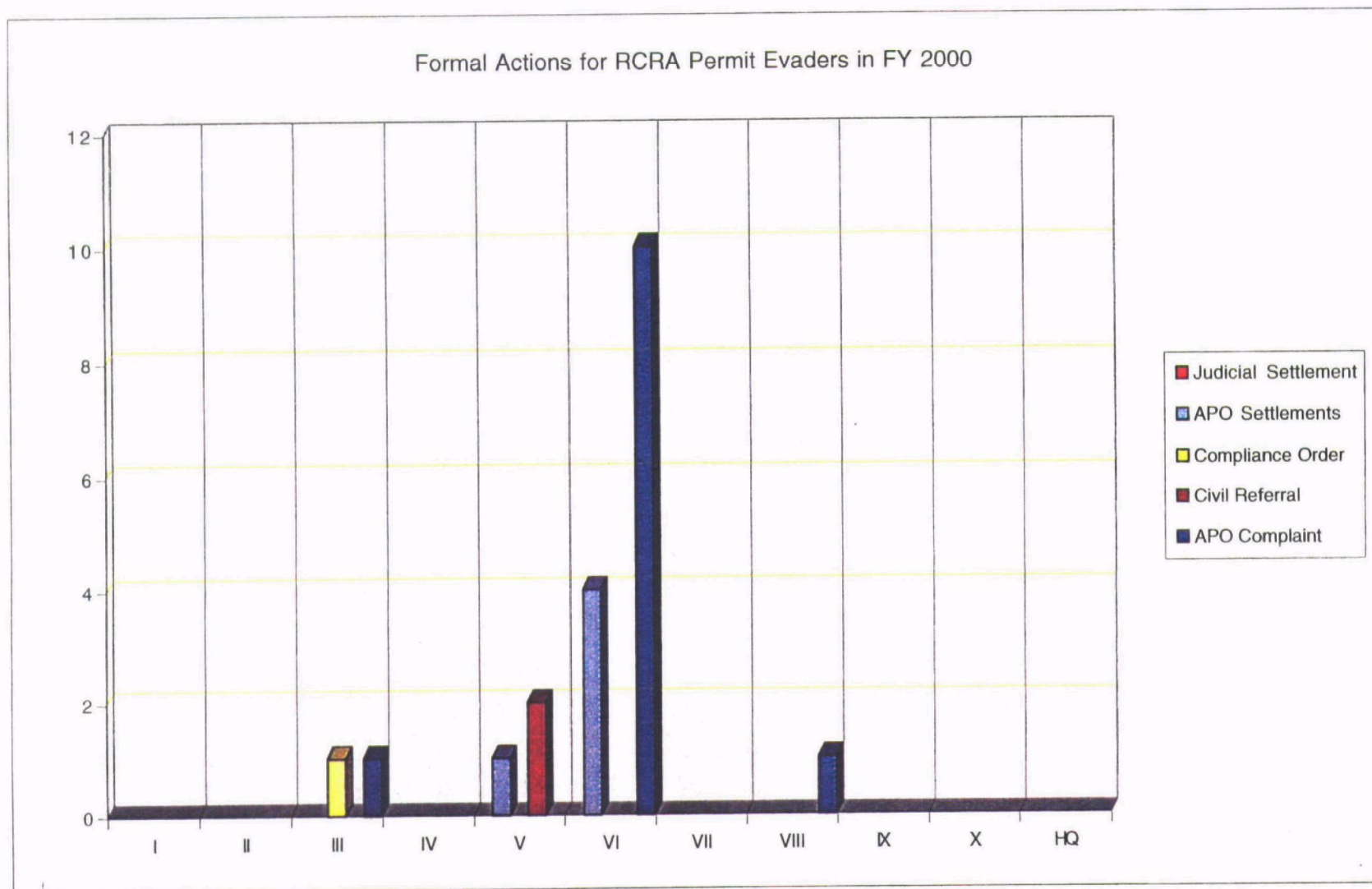


Pollutant Reductions Reported in FY 2000 for Metal Services Facilities





## Selected FY 2000 Outputs for MOA Priority Sectors - RCRA Permit Evaders



## Selected FY 2000 Outputs for MOA Priority Areas - CAA Air Toxics and NSR/PSD

CAA Reductions for Toxic HAPs Reported in FY 2000 (in Lbs.)

	I	II	III	IV	V	VI	VII	VIII	IX	X	HQ
Benzene	0	0	0	trace	17,600	2,000	0	0	0	0	0
Chromium waste	8	0	63	0	10,000,000	0	0	0	0	0	0
1,1,1 Trichloroethane	0	8,300,000	0	0	0	0	0	0	0	0	0
VHAPs	2,000	0	0	0	0	0	0	0	0	0	0

CAA Criteria Pollutant Reductions in Settlements for NSR/PSD Violations (in Tons)

	I	II	III	IV	V	VI	VII	VIII	IX	X	HQ
Particulate Matter	0	0	0	0	0	0	0	0	0	0	0
NOx	0	0	0	0	0	0	0	0	0	1,100	0
SO <sub>2</sub>	0	0	0	0	0	0	0	0	415	0	0
VOCs	5	0	0	0	121	0	0	0	0	0	0
Carbon Monoxide	0	0	0	0	0	0	0	0	0	0	0

New Cases Initiated in FY 2000 for NSR/PSD Violations

