



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
Mail Code 5401G

JUN 19 2003

OFFICE OF
SOLID WASTE AND EMERGENCY
RESPONSE

MEMORANDUM

SUBJECT: FY 2003 Semi-Annual (Mid-Year) Activity Report

FROM: Cliff Rothenstein, Director
Office of Underground Storage Tanks

A handwritten signature in black ink, appearing to read "Cliff Rothenstein", with a large, stylized flourish at the end.

TO: UST Regional Division Directors, Regions 1 - 10

I am providing you with the FY2003 mid-year underground storage tank activity report for regions states and Indian Country.

Attachment 1 presents the corrective action and leak detection and prevention compliance measures data through March 2003. Attachment 2 provides cumulative and annual cleanup trends nationally and by region.

The mid-year 2003 report shows both improvements and challenges that need to be addressed for both compliance and cleanup activities. As expected, the number of active tanks continues to decline since the 1998 deadline for upgrading, replacing and closing tanks. As of March 2003, the number of active tanks was approximately 696,000, or about 20 percent fewer active tanks than in 1998.

As a result of improved leak detection and prevention measures, we continue to see a decline in the annual number of new releases from approximately 26,500 since the 1998 deadline to approximately 9,000 new releases through mid-year 2003. Similarly, we continue to see most facilities in significant operational compliance with 81 percent compliance with spill, overfill and corrosion protection requirements, and 72 percent compliance with leak detection through mid-year 2003.

One of our biggest challenges is to increase the number of completed cleanups and reduce the cleanup backlog. As you know, over the past three years the number of annual cleanups has declined from almost 26,000 following the 1998 deadline to just under 16,000 last year. I am pleased, however, that more than 10,000 cleanups were completed during the first half of this fiscal year. Moreover, the cleanup backlog has declined to just over 139,000 for the first time in a decade.

One further observation of this mid-year report is the large number of data corrections, particularly to the cleanup reporting measures. Given the importance of this information for LUST funding decisions and annual trends analysis, we will be working with you and your states to improve the process for reporting future data corrections. I appreciate your assistance in this effort and your continued commitment to ensure the data for our semi-annual activity reports are accurate and of high quality.

Attachments

cc: Marianne Horinko, OSWER
Barry Breen, OSWER
Devereaux Barnes
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UST Regional Program Managers 1 - 10
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Attachment 1

UST Corrective Action Measures for Mid Year FY2003 (as of March 31, 2003)

Region/State	Active Tanks	Closed Tanks	Confirmed Releases	Cleanups Initiated	Cleanups Completed	Cleanup Backlog	Emergency Responses
ONE							
CT	12,637	18,748	2,317	2,273	1,484	833	105
MA	11,586	21,409	5,859	5,650	4,224	1,635	4,778
ME	3,603	11,857	2,012	1,994	1,908	104	345
NH	3,038	10,519	2,098	2,098	1,239	859	594
RI	1,752	6,985	1,178	1,178	929	249	26
VT	2,957	5,051	1,880	1,880	1,046	834	250
SUBTOTAL	35,573	74,569	15,344	15,073	10,830	4,514	6,098
TWO							
NJ	19,748	51,535	9,061	8,204	5,299	3,762	51
NY	32,350	66,108	18,792	18,200	15,808	2,984	337
PR	4,676	5,111	990	818	319	671	164
VI	124	278	14	14	0	14	16
SUBTOTAL	56,898	123,032	28,857	27,236	21,426	7,431	568
THREE							
DC	726	2,944	755	755	496	259	222
DE	1,634	6,469	2,495	2,136	1,744	751	384
MD	9,245	26,863	11,779	10,050	8,477	3,302	327
PA	27,487	56,319	12,649	12,578	8,874	3,775	27
VA	29,268	47,232	9,670	9,605	8,726	944	63
WV	6,358	17,959	2,709	2,260	1,472	1,237	9
SUBTOTAL	74,718	157,786	40,057	37,384	29,789	10,268	1,032
FOUR							
AL	18,344	27,897	10,558	10,467	8,742	1,816	263
FL	33,498	89,809	24,991	13,885	6,489	18,502	204
GA	39,348	42,493	12,064	11,475	8,438	3,626	9
KY	13,758	33,333	12,384	12,379	9,762	2,622	148
MS	9,128	21,102	6,216	6,041	5,862	354	108
NC	31,195	61,213	22,414	21,681	15,439	6,975	478
SC	12,484	30,600	8,332	7,915	4,557	3,775	91
TN	16,588	31,346	12,099	11,441	10,800	1,299	66
SUBTOTAL	174,343	337,793	109,058	95,284	70,089	38,969	1,367

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UST Corrective Action Measures for Mid Year FY2003 (as of March 31, 2003)

Region/State	Active Tanks	Closed Tanks	Confirmed Releases	Cleanups Initiated	Cleanups Completed	Cleanup Backlog	Emergency Responses
FIVE							
IL	23,701	60,204	21,398	19,942	12,371	9,027	1,690
IN	14,425	34,114	7,720	6,692	4,022	3,698	214
MI	22,099	62,757	19,882	19,537	10,982	8,900	69
MN	13,874	28,017	9,113	8,481	7,696	1,417	387
OH	26,911	38,576	22,501	22,166	18,476	4,025	417
WI	16,925	63,340	17,822	16,992	13,494	4,328	381
SUBTOTAL	117,935	287,008	98,436	93,810	67,041	31,395	3,158
SIX							
AR	9,869	19,270	1,159	882	813	346	12
LA	14,182	30,002	2,560	1,827	1,493	1,067	508
NM	4,230	12,012	2,398	1,639	1,437	961	74
OK	11,948	23,716	3,849	3,849	3,255	594	67
TX	59,246	105,529	23,369	21,345	17,453	5,916	480
SUBTOTAL	99,475	190,529	33,335	29,542	24,451	8,884	1,141
SEVEN							
IA	7,972	21,423	5,648	5,455	3,384	2,264	0
KS	7,628	18,883	4,456	4,206	2,375	2,081	112
MO	10,660	27,019	5,775	5,566	4,413	1,362	308
NE	6,977	13,802	5,824	3,101	2,794	3,030	10
SUBTOTAL	33,237	81,127	21,703	18,328	12,966	8,737	430
EIGHT							
CO	8,305	20,246	6,057	5,853	5,008	1,049	39
MT	3,630	12,803	2,994	2,266	1,821	1,173	47
ND	2,267	6,972	818	818	760	58	3
SD	3,211	6,323	2,280	2,201	1,941	339	20
UT	4,121	12,296	3,969	3,769	3,420	549	3
WY	2,066	7,667	1,974	1,210	577	1,397	61
SUBTOTAL	23,600	66,307	18,092	16,117	13,527	4,565	173

Attachment 1

UST Corrective Action Measures for Mid Year FY2003 (as of March 31, 2003)

Region/State	Active Tanks	Closed Tanks	Confirmed Releases	Cleanups Initiated	Cleanups Completed	Cleanup Backlog	Emergency Responses
NINE							
AZ	8,914	19,272	7,969	5,474	5,432	2,537	2
CA	41,940	115,564	41,906	41,906	26,154	15,752	0
HI	1,881	4,858	1,728	1,638	1,338	390	0
NV	3,667	6,521	2,393	2,387	2,096	297	52
CNMI	71	17	9	9	0	9	0
GU	280	391	132	132	108	24	0
AS	17	45	5	5	0	5	1
SUBTOTAL	56,770	146,668	54,142	51,551	35,128	19,014	55
TEN							
AK	1,128	6,104	2,258	2,099	1,158	1,100	95
ID	3,524	9,127	1,293	1,264	1,095	198	12
OR	6,775	25,589	6,665	6,276	4,883	1,782	56
WA	9,365	35,690	6,240	5,849	4,015	2,225	37
SUBTOTAL	20,792	76,510	16,456	15,488	11,151	5,305	200
REGIONAL CORRECTIVE ACTIONS FOR INDIAN COUNTRY							
REGION 1	4	2	0	0	0	0	0
REGION 2	179	21	6	1	0	6	2
REGION 3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
REGION 4	57	53	10	10	2	8	0
REGION 5	391	969	189	186	115	71	0
REGION 6	276	172	32	31	28	4	1
REGION 7	88	90	19	14	7	12	0
REGION 8	571	1,889	427	411	215	212	5
REGION 9	927	1,155	189	139	109	80	0
REGION 10	371	816	142	132	104	38	0
SUBTOTAL	2,864	5,167	1,014	924	580	431	8
	Active Tanks	Closed Tanks	Confirmed Releases	Cleanups Initiated	Cleanups Completed	Cleanup Backlog	Emergency Responses
National Total	696,205	1,546,496	436,494	400,737	296,978	139,513	14,230

UST Leak Detection and Upgrading Compliance Measures for Mid-Year FY2003 (as of 3/31/03)

Region/State	% in Significant Operational Compliance with Release Prevention	% in Significant Operational Compliance with Leak Detection Regulations	Region/State	% in Significant Operational Compliance with Release Prevention	% in Significant Operational Compliance with Leak Detection Regulations
ONE			FIVE		
CT	91%	58%	IL	41%	39%
ME	96%	68%	IN	69%	47%
MA	67%	40%	MI	71%	50%
NH	73%	46%	MN	88%	57%
RI	92%	29%	OH	92%	89%
VT	100%	41%	WI	100%	98%
SUBTOTAL	83%	49%	SUBTOTAL	76%	64%
TWO			SIX		
NJ	63%	65%	AR	48%	52%
NY	81%	76%	LA	data not available	data not available
PR	86%	79%	NM	99%	98%
VI	85%	69%	OK	95%	95%
SUBTOTAL	75%	72%	TX	90%	74%
THREE			SUBTOTAL	86%	76%
DC	96%	73%	SEVEN		
DE	48%	65%	IA	75%	62%
MD	77%	77%	KS	95%	70%
PA	74%	62%	MO	data not available	data not available
VA	70%	63%	NE	72%	71%
WV	70%	60%	SUBTOTAL	81%	67%
SUBTOTAL	72%	64%	EIGHT		
FOUR			CO	data not available	data not available
AL	82%	81%	MT	data not available	data not available
FL	95%	93%	ND	data not available	data not available
GA	70%	72%	SD	data not available	data not available
KY	77%	77%	UT	84%	66%
MS	78%	96%	WY	data not available	data not available
NC	82%	76%	SUBTOTAL	84%	66%
SC	95%	77%			
TN	84%	83%			
SUBTOTAL	82%	81%			

UST Leak Detection and Upgrading Compliance Measures for Mid-Year FY2003 (as of 3/31/03)

Region/State	% in Significant Operational Compliance with Release Prevention	% in Significant Operational Compliance with Leak Detection Regulations	Region/State	% in Significant Operational Compliance with Release Prevention	% in Significant Operational Compliance with Leak Detection Regulations
NINE			LD Compliance Measures for Indian Country		
AZ	97%	96%	REGION 1	N/A	N/A
CA	97%	92%	REGION 2	data not available	data not available
HI	94%	84%	REGION 3	N/A	N/A
NV	91%	84%	REGION 4	100%	55%
CNMI	96%	75%	REGION 5	83%	94%
GU	73%	79%	REGION 6	90%	50%
AS	85%	85%	REGION 7	33%	33%
SUBTOTAL	96%	92%	REGION 8	66%	75%
TEN			REGION 9	70%	65%
AK	59%	57%	REGION 10	86%	57%
ID	73%	59%	SUBTOTAL	75%	67%
OR	59%	37%			
WA	76%	62%			
SUBTOTAL	69%	53%			
			NATIONAL TOTAL	81%	72%

These compliance rates indicate the percentage of facilities recently inspected that were found to be in significant operational compliance with the federal UST regulations. There may be some variety in the reporting by the states. For example, some states may have reported based on more stringent state requirements. Also, some states may have targeted non-complying facilities, so the facilities they inspected are not necessarily representative of all the facilities in their state. Please keep these variations in mind when reviewing the data. Nevertheless, these percentages can be used as baselines for future reporting periods.

FY2003 Corrective Action Trend Analysis

This attachment contains seven charts that provide analyses of FY 2003 mid-year regional and national corrective action program performance. These charts are being provided so that the regions may gain a better understanding of their mid-year cleanup program performance as it compares with past mid-year periods, other regions and national performance. The attachment contains:

Chart 1-3: Report on National and Regional Cumulative Program Totals Through Mid-Year FY 2003.

Chart 1: *National Cumulative UST Corrective Action Activity: Cumulative from FY 1992 thru Mid-Year FY 2003.*

Chart 2: *National UST Cleanups Initiated and Completed as a Percentage of Confirmed Releases.*

Chart 3: *UST Cleanup Activity by EPA Region: Cumulative from FY 1992 thru Mid-Year FY 2003.*

Charts 4-6: Comparison of National and Regional Mid-Year Performance with Past Mid-Year Averages

Chart 4: *National Mid-Year Totals for UST Confirmed Releases and Cleanups Completed: FY 2003 Compared with Recent and Historical Averages*

Chart 5: *Mid-Year FY 2003 UST Confirmed Releases by EPA Region Compared with Recent and Historical Averages*

Chart 6: *Mid-Year FY 2003 UST Cleanups Completed by EPA Region Compared with Recent and Historical Averages.*

Charts 7: UST National Backlog: FY 1990 Thru Mid-Year FY 2003.

Chart 1: National UST Corrective Action Activity

Total corrective action cumulative over time from FY1992 - Mid-Year FY2003

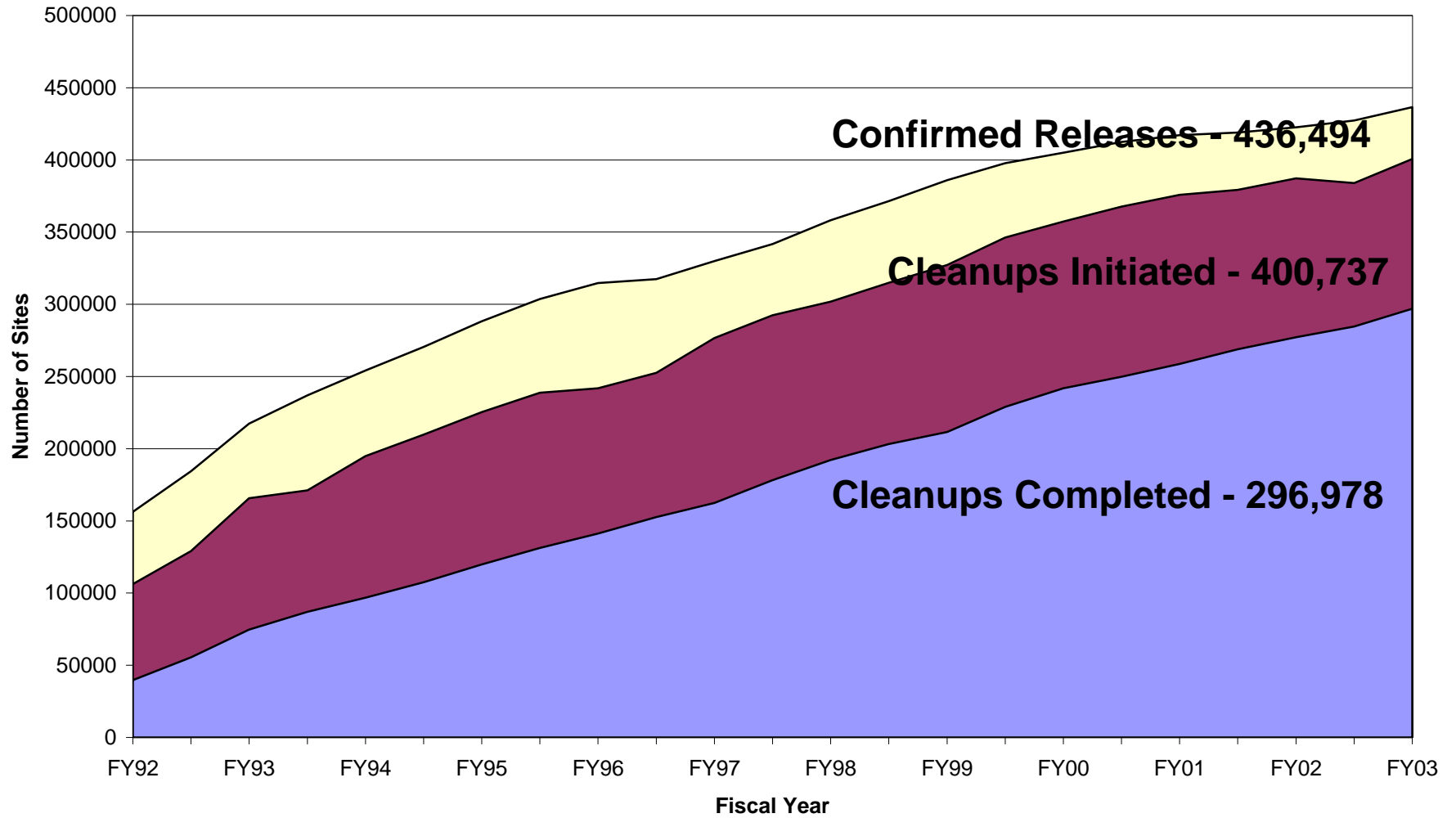


Chart 2: National UST Cleanups Initiated and Completed as a Percentage of Confirmed Releases

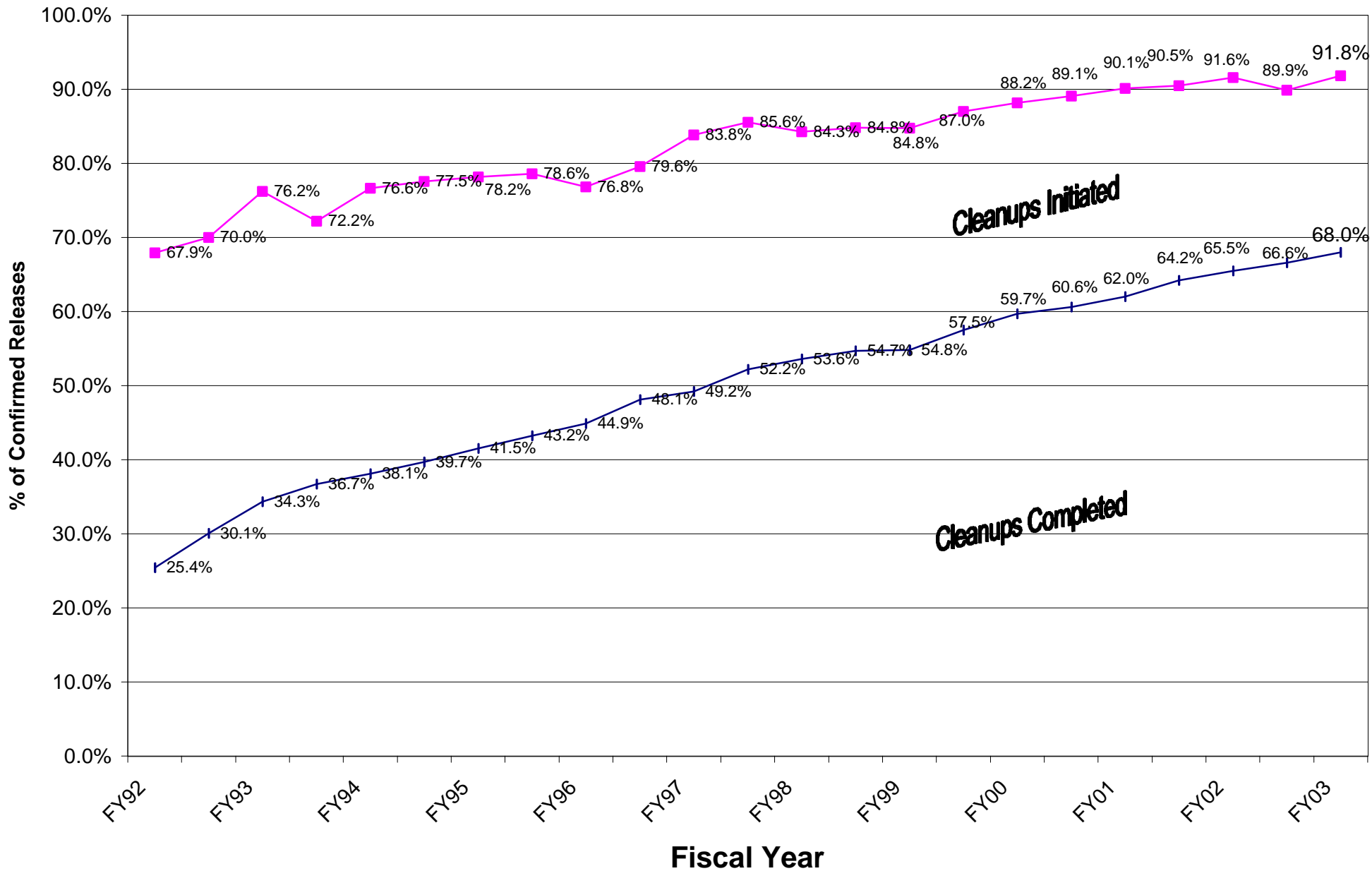
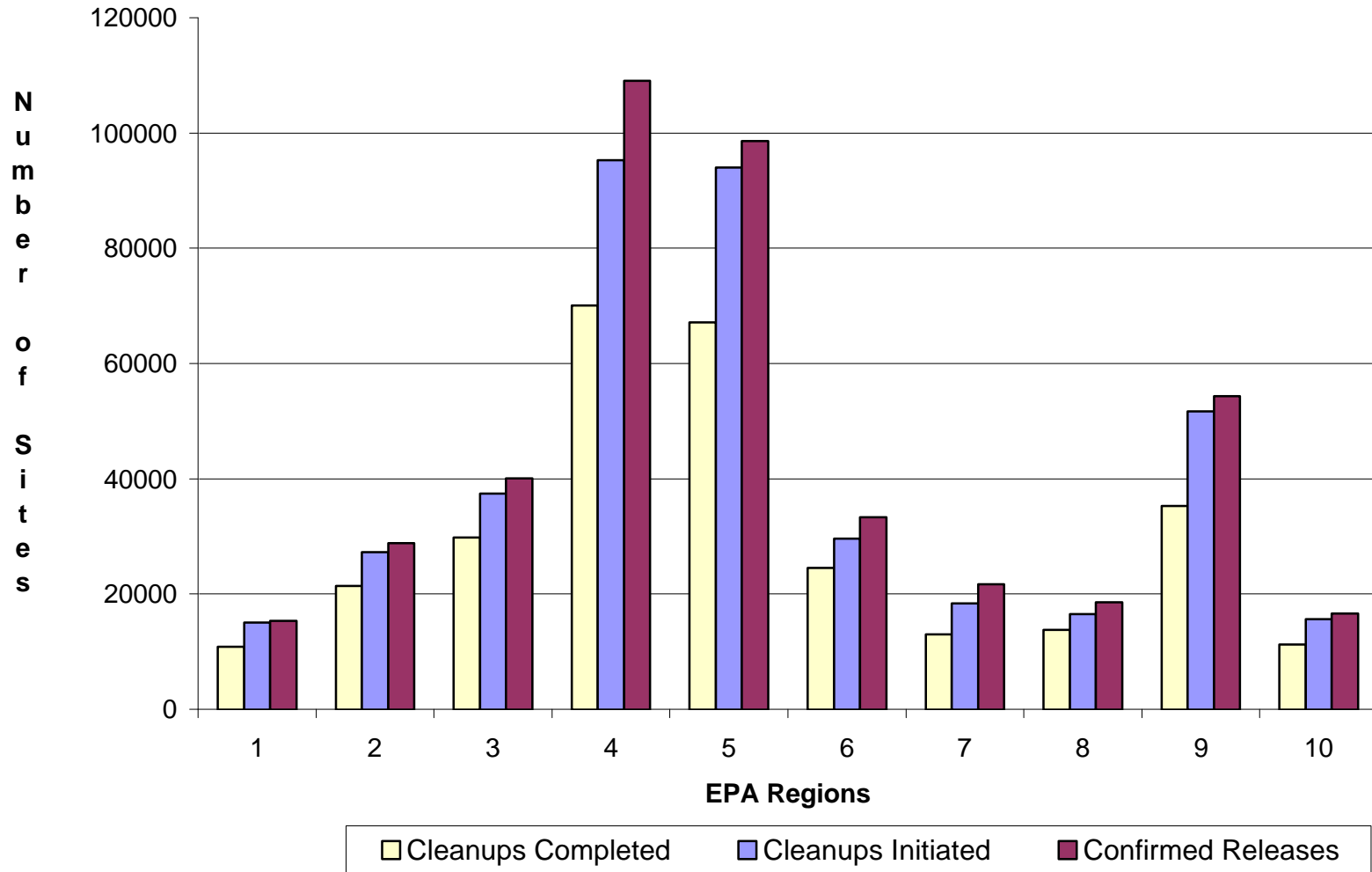


Chart 3: UST Cleanup Activity by EPA Region
Cumulative From FY1992 thru Mid-Year FY2003



**Chart 4: National Mid-Year Totals for UST Confirmed Releases and Cleanups Completed:
FY 2003 Compared with Recent and Historical Averages**

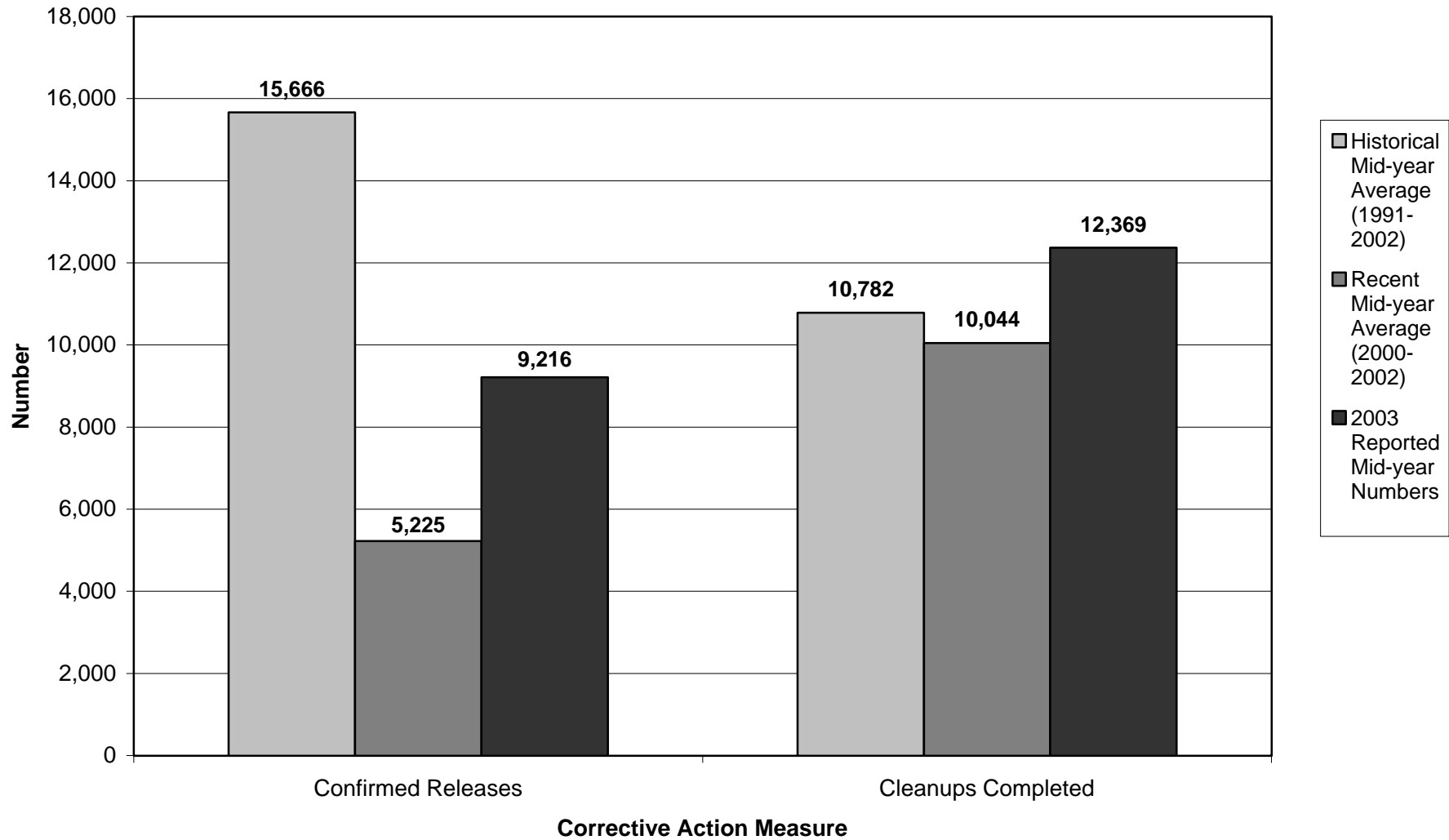
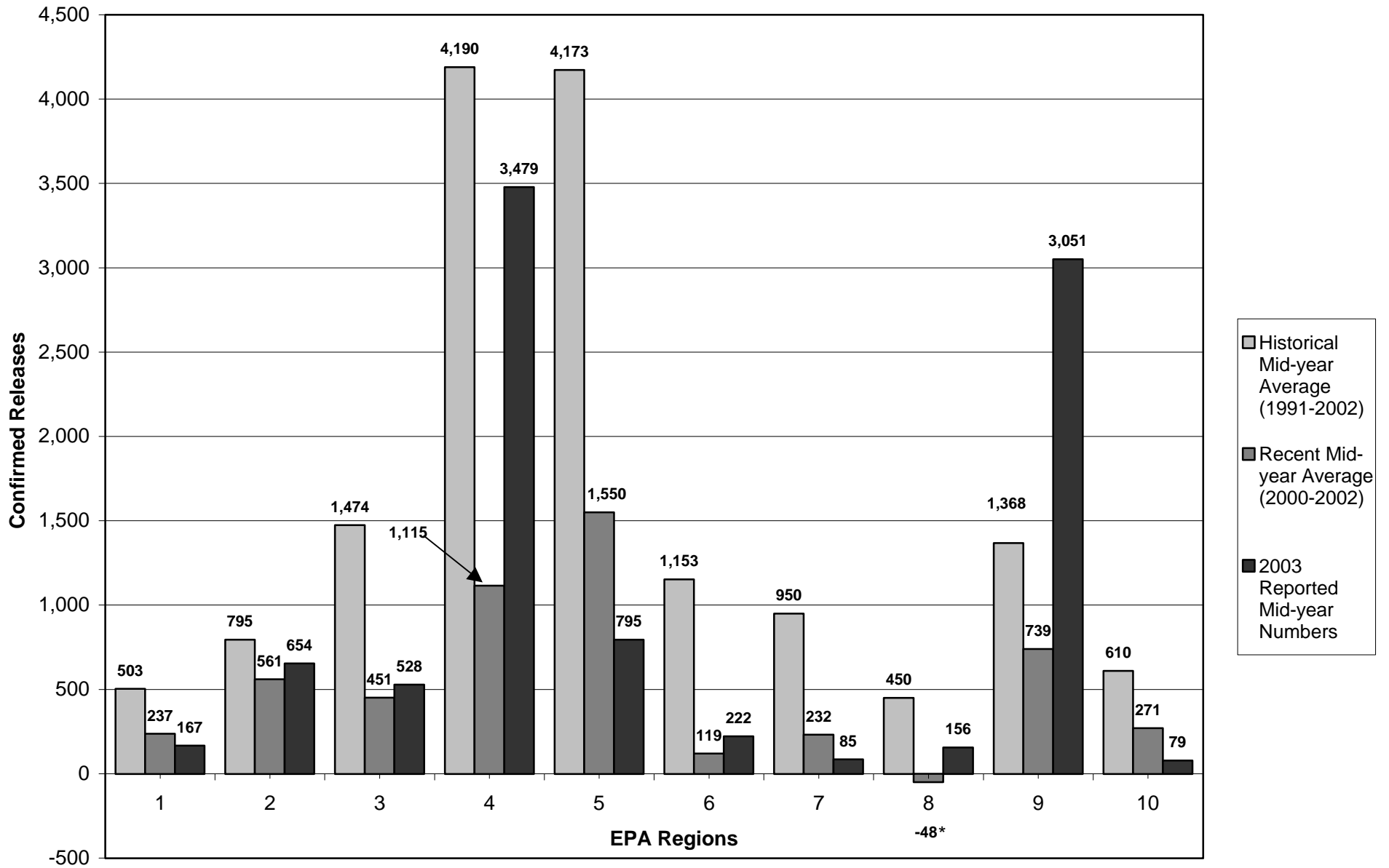


Chart 5: Mid-Year FY 2003 UST Confirmed Releases by EPA Region Compared with Recent and Historical Mid-Year Averages



* Negative numbers may result if corrections to data exceeded the actions taken for this reporting period.

Chart 6: Mid-Year FY 2003 UST Cleanups Completed by EPA Region Compared with Recent and Historical Mid-Year Averages

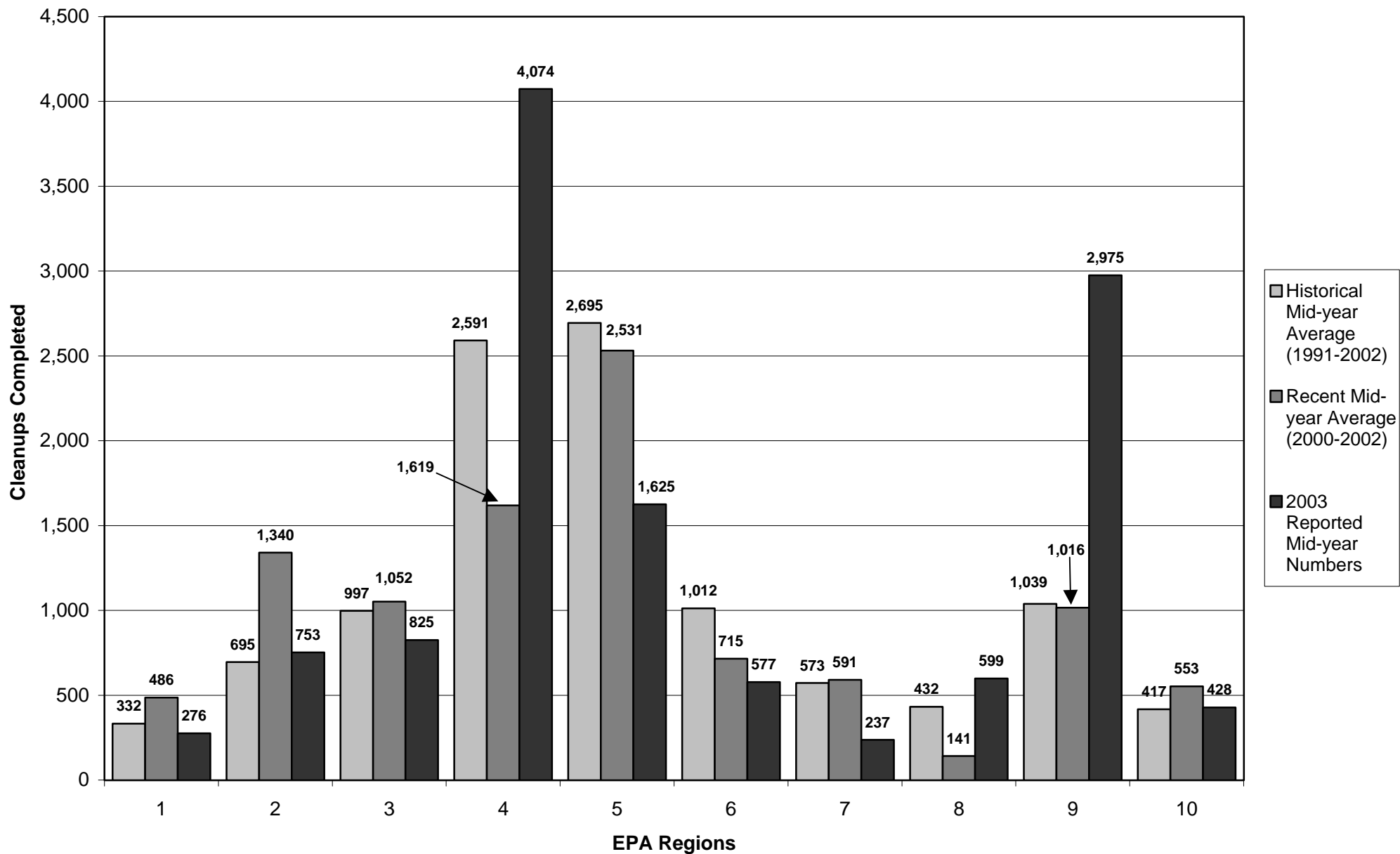


Chart 7: UST National Backlog - End-of-Year 1990 Thru Mid-Year 2003

