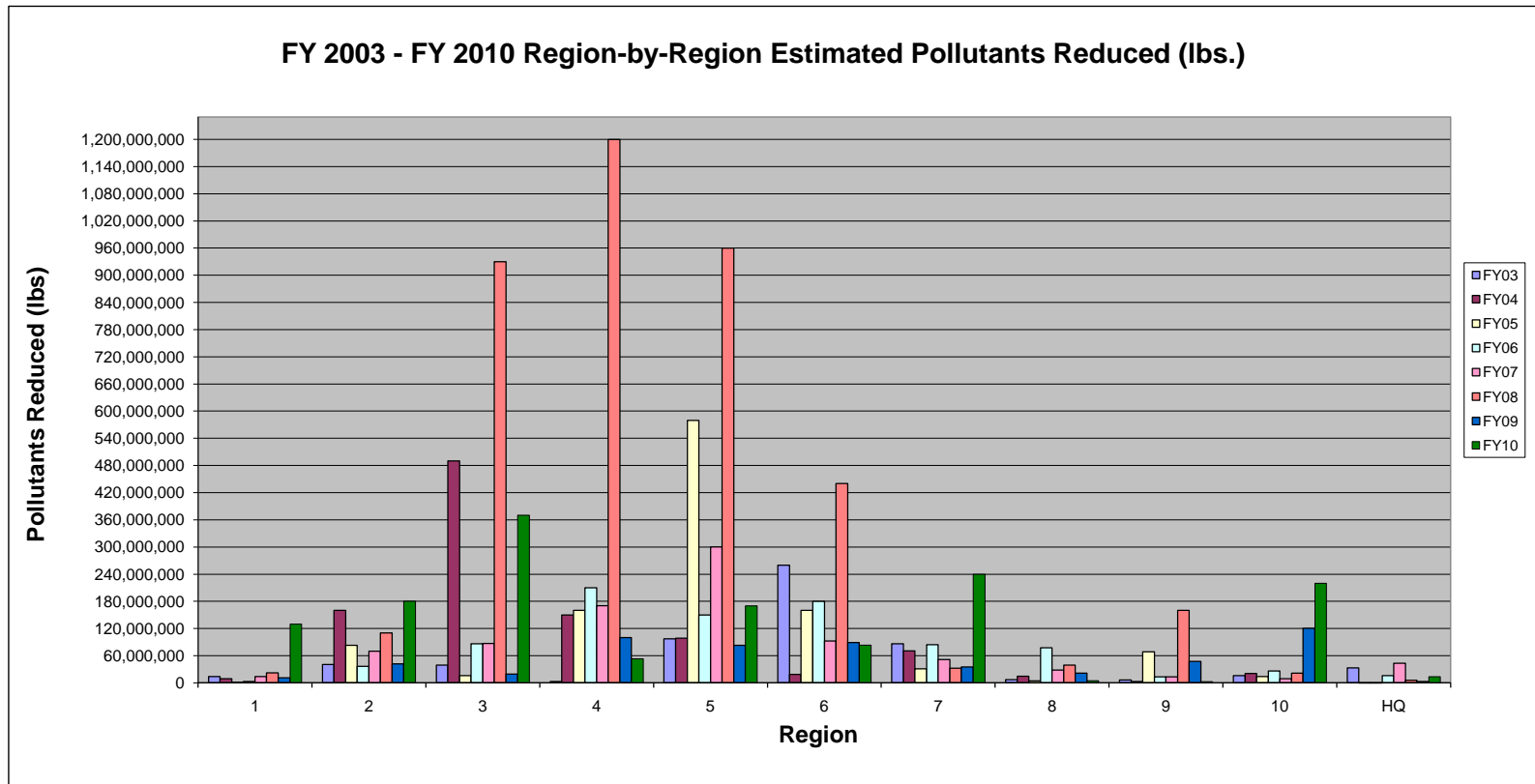




National Enforcement Trends (NETs)

FY 2003 - FY 2010 Estimated Pollutants Reduced or Treated (lbs) from EPA Enforcement Actions - Region by Region

Estimated Pollutants Reduced or Treated (lbs)								
Region	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
1	14,000,000	9,200,000	1,100,000	2,600,000	14,000,000	22,000,000	11,000,000	130,000,000
2	40,000,000	160,000,000	83,000,000	36,000,000	70,000,000	110,000,000	42,000,000	180,000,000
3	39,000,000	490,000,000	16,000,000	86,000,000	87,000,000	930,000,000	19,000,000	370,000,000
4	3,000,000	150,000,000	160,000,000	210,000,000	170,000,000	1,200,000,000	100,000,000	53,000,000
5	97,000,000	99,000,000	580,000,000	150,000,000	300,000,000	960,000,000	83,000,000	170,000,000
6	260,000,000	19,000,000	160,000,000	180,000,000	92,000,000	440,000,000	89,000,000	83,000,000
7	86,000,000	71,000,000	31,000,000	84,000,000	51,000,000	32,000,000	35,000,000	240,000,000
8	6,500,000	15,000,000	4,300,000	77,000,000	28,000,000	39,000,000	21,000,000	4,700,000
9	6,300,000	3,400,000	69,000,000	13,000,000	13,000,000	160,000,000	47,000,000	2,900,000
10	16,000,000	21,000,000	14,000,000	26,000,000	9,100,000	21,000,000	120,000,000	220,000,000
HQ	33,000,000	400	10,000	16,000,000	43,000,000	5,600,000	2,400,000	14,000,000



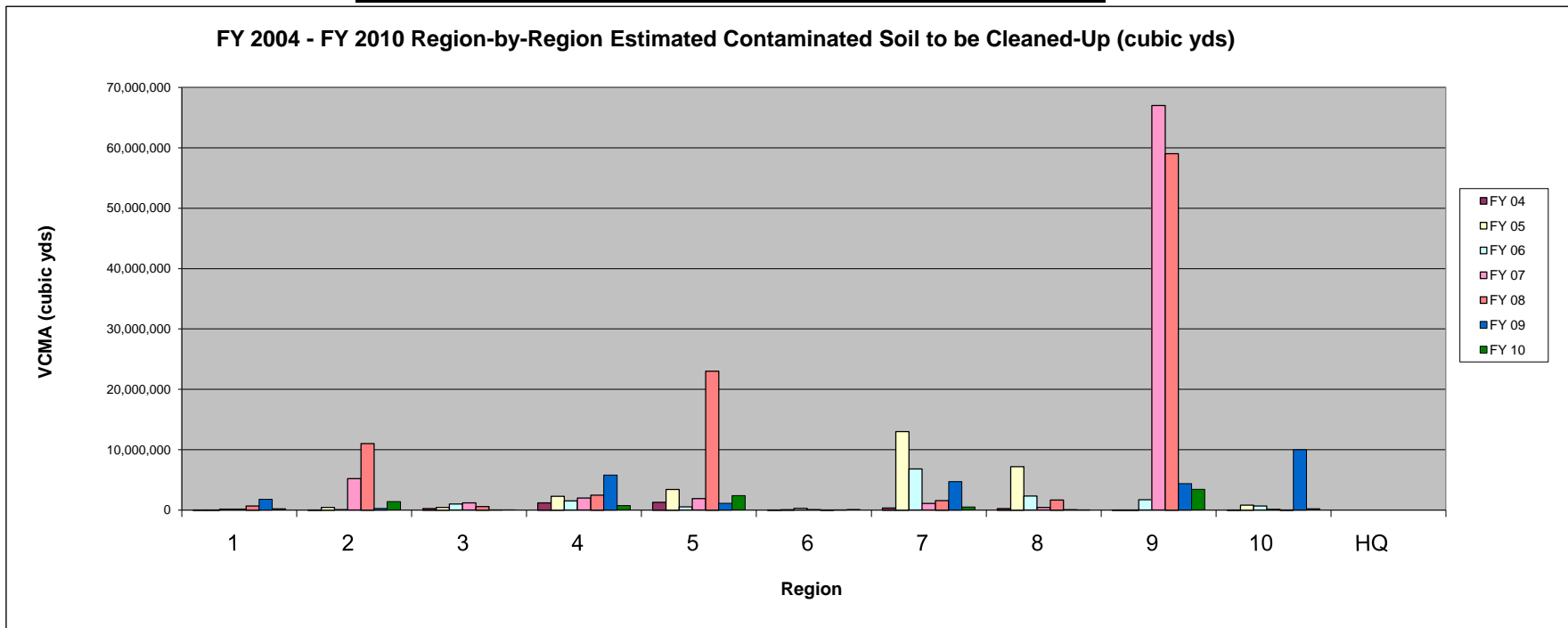
Regional numbers are rounded to two significant digits, and, as a result, do not add to the National totals in "National Estimates of Direct Environmental Benefits Achieved Through EPA's Enforcement Actions" (D-1).



National Enforcement Trends (NETs)

FY 2004 - FY 2010 Estimated Contaminated Soil to be Cleaned-Up (cubic yds) - Region-by-Region

Estimated Contaminated Soil to be Cleaned-Up (Cubic Yds)							
Region	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
1	31,000	510	140,000	150,000	680,000	1,800,000	230,000
2	13,000	470,000	41,000	5,200,000	11,000,000	280,000	1,400,000
3	250,000	440,000	980,000	1,200,000	580,000	13,000	39,000
4	1,200,000	2,300,000	1,500,000	2,000,000	2,500,000	5,800,000	730,000
5	1,300,000	3,400,000	540,000	1,900,000	23,000,000	1,100,000	2,400,000
6	47,000	54,000	260,000	53,000	14,000	40,000	79,000
7	360,000	13,000,000	6,800,000	1,100,000	1,600,000	4,700,000	490,000
8	250,000	7,200,000	2,300,000	440,000	1,700,000	63,000	350
9	6,000	14,000	1,700,000	67,000,000	59,000,000	4,400,000	3,400,000
10	16,000	830,000	660,000	110,000	5,900	10,000,000	200,000
HQ	0	0	0	0	0	0	0



Regional numbers are rounded to two significant digits, and, as a result, do not add to the National totals in "National Estimates of Direct Environmental Benefits Achieved Through EPA's Enforcement Actions" (D-1).

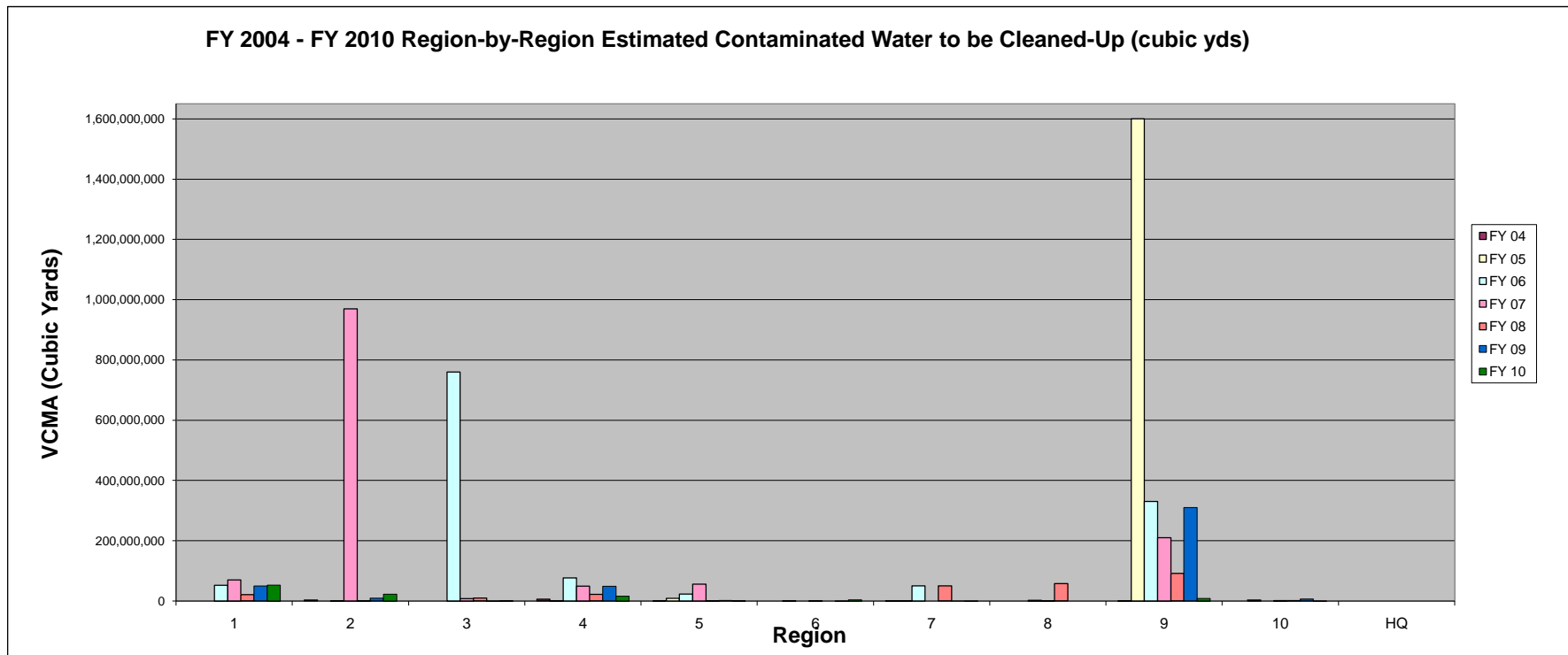


National Enforcement Trends (NETs)

FY 2004 - FY 2010 Estimated Contaminated Water to be Cleaned-Up (cubic yds) - Region by Region

Estimated Contaminated Water to be Cleaned-Up (cubic Yds)							
Region	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
1	0.12	0	52,000,000	70,000,000	21,000,000	50,000,000	53,000,000
2	3,000,000	0	68,000	970,000,000	12,000	9,400,000	23,000,000
3	0	0	760,000,000	8,000,000	9,900,000	24,000	1,200,000
4	6,000,000	410,000	77,000,000	50,000,000	22,000,000	49,000,000	16,000,000
5	4,000	9,300,000	23,000,000	56,000,000	91,000	1,900,000	1,700,000
6	0	380,000	0	480,000	0	21,000	4,200,000
7	310,000	610,000	50,000,000	0	50,000,000	550,000	50,000
8	0	5	2,000,000	470,000	58,000,000	0	0
9	460,000	1,600,000,000	330,000,000	210,000,000	92,000,000	310,000,000	8,500,000
10	0	4,100,000	0	2,000,000	940,000	7,000,000	36,000
HQ	0	0	0	0	0	0	0

FY 2004 - FY 2010 Region-by-Region Estimated Contaminated Water to be Cleaned-Up (cubic yds)



Regional numbers are rounded to two significant digits, and, as a result, do not add to the National totals in "National Estimates of Direct Environmental Benefits Achieved Through EPA's Enforcement Actions" (D-1).

National Enforcement Trends (NETs)

NETs Page K-4, Region 1 - HQ: FY 2003 - FY 2010 Regional Estimates of Direct Environmental Benefits to be Achieved Through EPA's Enforcement Actions when all Complying Actions Have Been Completed	
Note 1	Direct environmental benefits are achieved through direct complying actions. Direct complying actions are taken by defendants/respondents in response to an Environmental Protection Agency (EPA) enforcement action. Direct benefits are those that treat, reduce, or eliminate a pollutant or emission/discharge stream resulting in reduced/eliminated human health exposure or environmental impact (e.g., source reduction, cleaning up a spill, installing new pollution control equipment, remediating contaminated soil or water, etc.). The direct benefit will have an immediate positive effect on the environment and will result in measurable environmental benefits (e.g., pounds of pollution reduced or treated, cubic yards of contaminated water cleaned, cubic yards of contaminated aquifer cleaned, etc.). For some actions, the direct environmental benefits may not have been achieved yet, and estimates of pollution reduced (or other environmental benefits) are projected to be achieved in the future when all complying actions have been completed.
Note 2	Pollutant reductions from a small number of enforcement settlements make up a large percentage of the reductions in most years, creating significant yearly variations. Also relevant to annual variations, the Office of Enforcement and Compliance Assurance (OECA) over time has developed additional guidance for estimating pollutant benefits and conducted extensive training for the EPA Regional Offices. The additional guidance and training has brought greater accuracy and more complete reporting of pollutant benefit data.
Note 3	EPA first implemented the process to capture relevant information on results and environmental benefits of concluded enforcement cases, including pollutant reduction benefits, in FY 1996. The methodology has since been revised and improved and we generally only show data back to FY 2003. Starting in FY 2003 we further improved our data quality assurance of this data.
Note 4	In FY 03, the two measures, "Contaminated soil/sediment (M lbs)" and "Wastewater/Groundwater treated (M gal)," were replaced by "Estimated Contaminated Soil Cleaned (cubic yards)," and "Estimated Contaminated Aquifer Cleaned (cubic yards)," respectively. These changes implemented the 12/12/03 "Final Methodology for Estimating Superfund and Resource Conservation and Recovery Act (RCRA) Corrective Action Case Conclusion Data Sheet (CCDS) Environmental Benefits." (The cases counted in these two categories are primarily Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and RCRA corrective action cases).
Guidance/ Policy	The guidance, "Final Methodology for Estimating Superfund and RCRA Corrective Action (CCDS) Environmental Benefits," dated 12-12-03, provides guidance for implementing the "Volume of Contaminated Medium Addressed" (VCMA) measure for estimating environmental benefits resulting from concluded RCRA and Superfund corrective action enforcement actions. The VCMA measurement for remediation programs was found to more accurately reflect both the magnitude and nature of an environmental problem addressed by an enforcement action than does a measure of the mass (pounds) of pollutants reduced. The focus is on the physical space that is addressed by the response or corrective action. More information on the VCMA can be found in ICIS (Integrated Compliance Information System) Policy on Demand (IPOD), under the category "Enforcement\Formal\Enforcement\Environmental Benefits\Volume of Contaminated Medium Addressed."