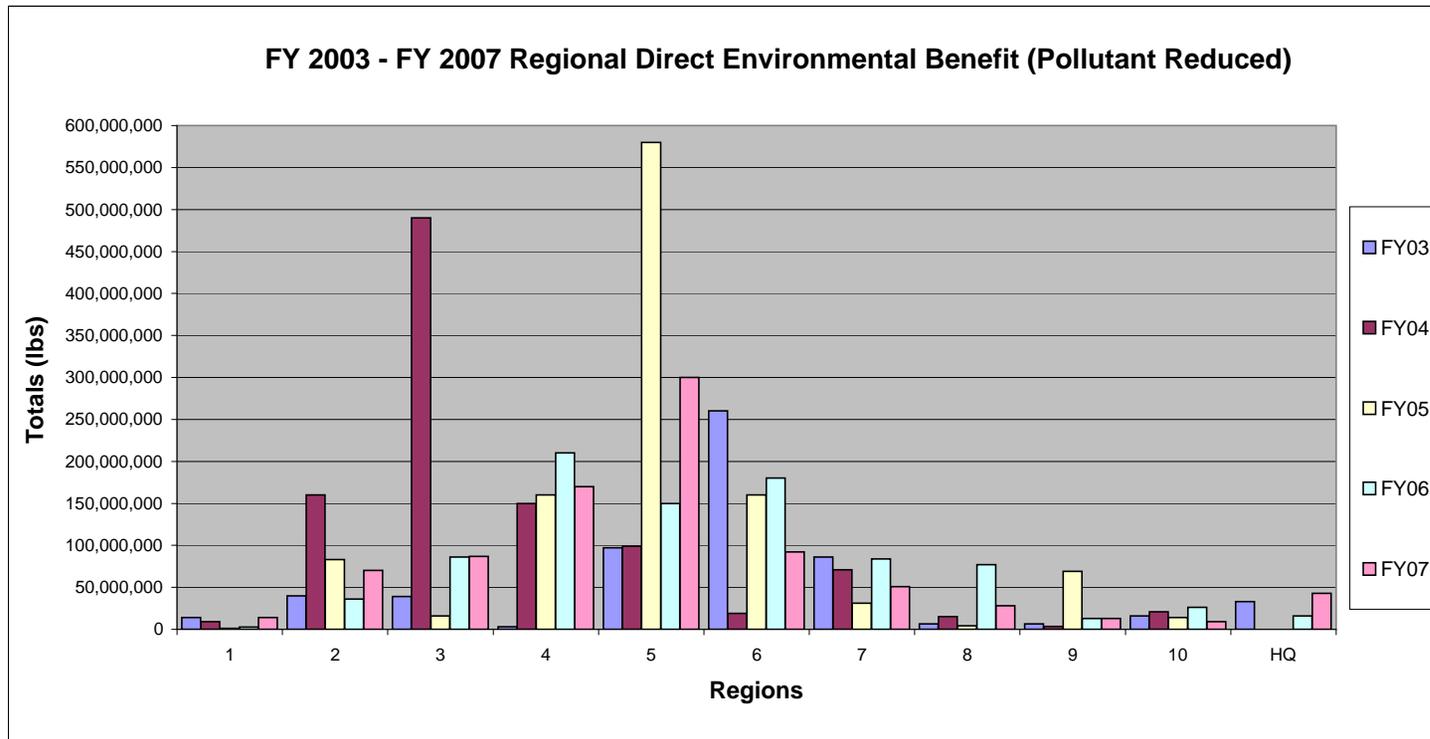




National Enforcement Trends (NETs)

FY 2003 - FY 2007 Estimated Pollutants Reduced or Treated (lbs) Region by Region

Estimated Pollutants Reduced or Treated (lbs)					
Region	FY03	FY04	FY05	FY06	FY07
1	14,000,000	9,200,000	1,100,000	2,600,000	14,000,000
2	40,000,000	160,000,000	83,000,000	36,000,000	70,000,000
3	39,000,000	490,000,000	16,000,000	86,000,000	87,000,000
4	3,000,000	150,000,000	160,000,000	210,000,000	170,000,000
5	97,000,000	99,000,000	580,000,000	150,000,000	300,000,000
6	260,000,000	19,000,000	160,000,000	180,000,000	92,000,000
7	86,000,000	71,000,000	31,000,000	84,000,000	51,000,000
8	6,500,000	15,000,000	4,300,000	77,000,000	28,000,000
9	6,300,000	3,400,000	69,000,000	13,000,000	13,000,000
10	16,000,000	21,000,000	14,000,000	26,000,000	9,100,000
HQ	33,000,000	400	10,000	16,000,000	43,000,000

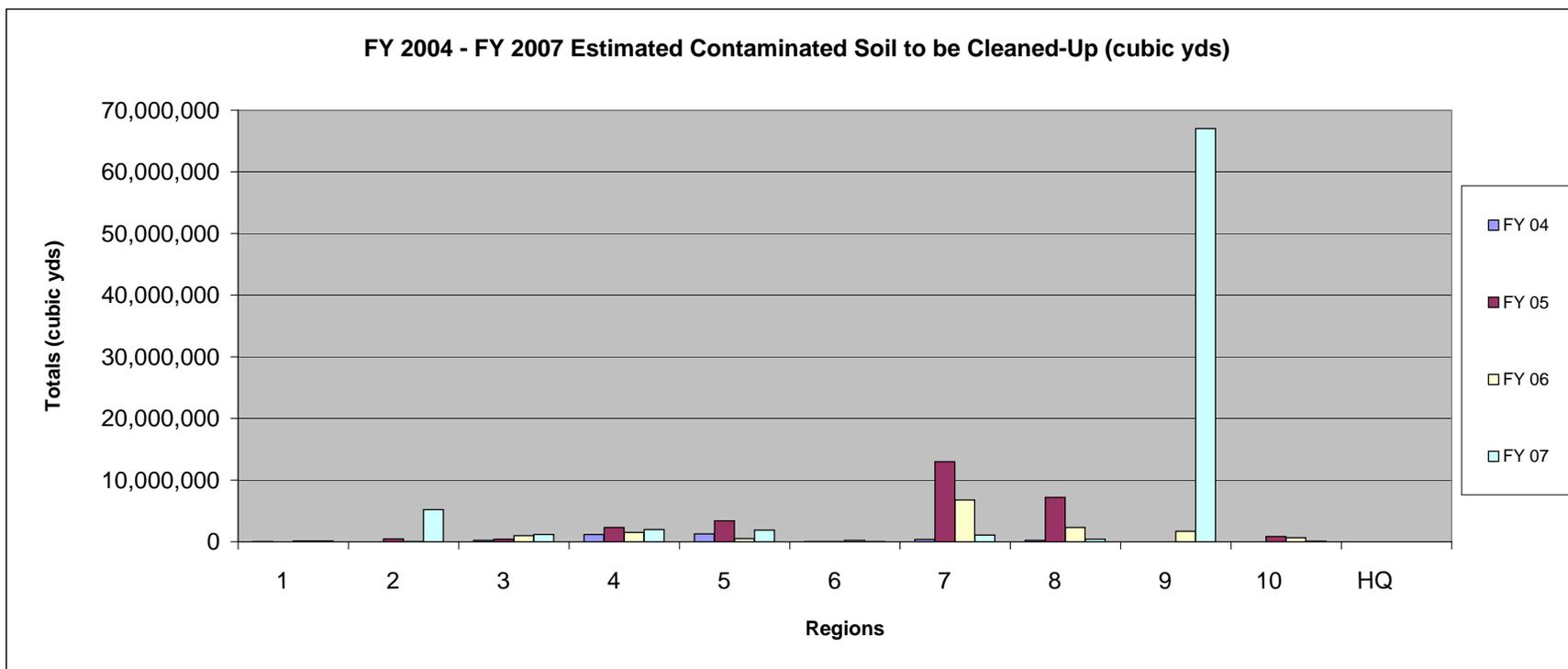




National Enforcement Trends (NETs)

FY 2004 - FY 2007 Estimated Contaminated Soil to be Cleaned-Up (cubic yds)

Estimated Contaminated Soil to be Cleaned-Up (Cubic Yds)				
Region	FY 04	FY 05	FY 06	FY 07
1	31,000	510	140,000	150,000
2	13,000	470,000	41,000	5,200,000
3	250,000	440,000	980,000	1,200,000
4	1,200,000	2,300,000	1,500,000	2,000,000
5	1,300,000	3,400,000	540,000	1,900,000
6	47,000	54,000	260,000	53,000
7	360,000	13,000,000	6,800,000	1,100,000
8	250,000	7,200,000	2,300,000	440,000
9	6,000	14,000	1,700,000	67,000,000
10	16,000	830,000	660,000	110,000
HQ	0	0	0	0

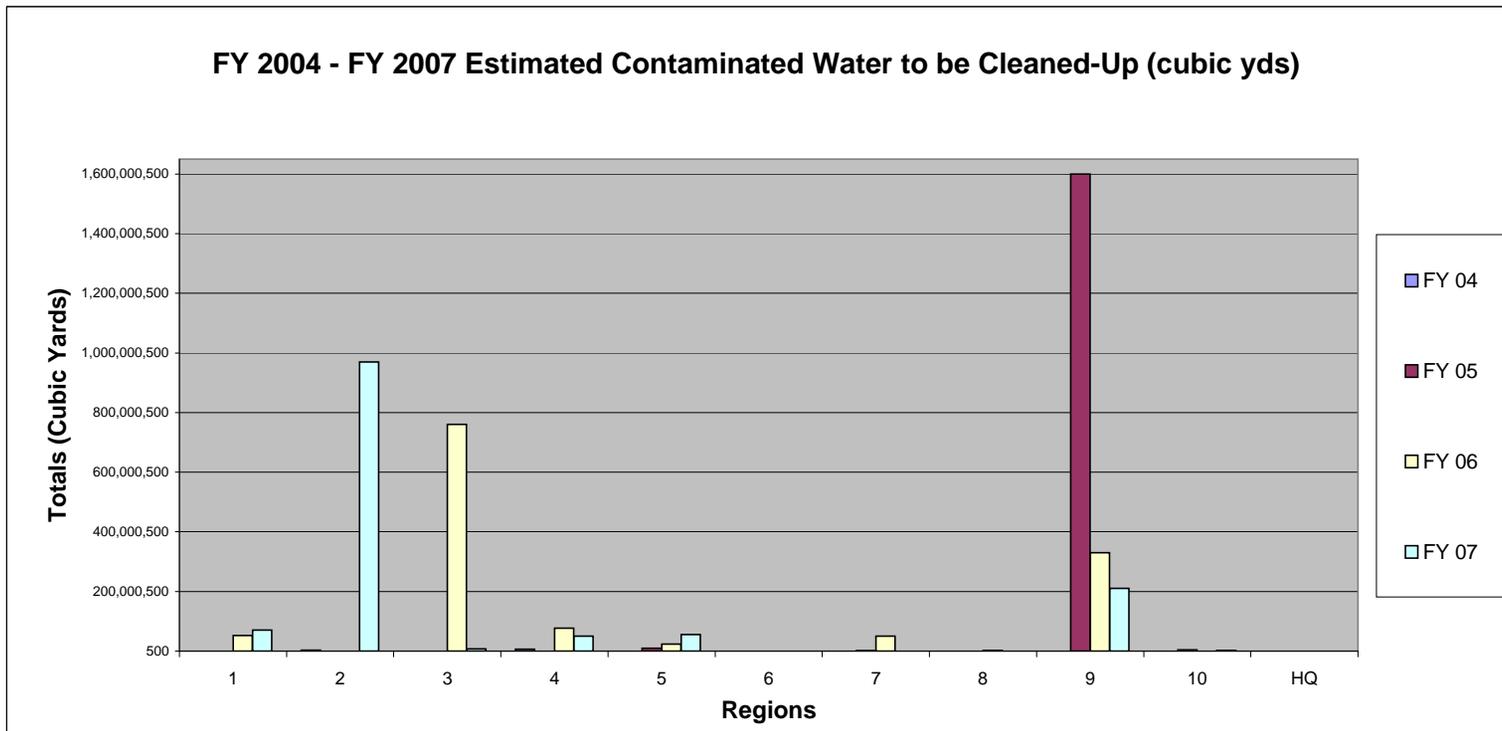




National Enforcement Trends (NETs)

FY 2004 - FY 2007 Estimated Contaminated Water to be Cleaned-Up (cubic yds)

Estimated Contaminated Water to be Cleaned-Up (Cubic Yds)				
Region	FY 04	FY 05	FY 06	FY 07
1	0.12	0	52,000,000	70,000,000
2	3,000,000	0	68,000	970,000,000
3	0	0	760,000,000	8,000,000
4	6,000,000	410,000	77,000,000	50,000,000
5	4,000	9,300,000	23,000,000	56,000,000
6	0	380,000	0	480,000
7	310,000	610,000	50,000,000	0
8	0	5	2,000,000	470,000
9	460,000	1,600,000,000	330,000,000	210,000,000
10	0	4,100,000	0	2,000,000
HQ	0	0	0	0



National Enforcement Trends (NETs) Metadata

NETs Page C-1, 1b, 1c: FY 2003 - FY 2007 National Estimates of Direct Environmental Benefits Achieved Through EPA's Enforcement Actions	
Note 1	Direct environmental benefits are achieved through direct complying actions. Direct complying actions are taken by defendants in response to an Environmental Protection Agency (EPA) enforcement action 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 action 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.
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. In addition, 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 2002. 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).
Not 5	In FY 04, one of the Region 4 clean air act (CAA) case VEPCO and in FY 05, two of the Region 5 CAA cases FIRST ENERGY CORP/OHIO EDISON CO./W.H. SAMMIS STATION and ILLINOIS POWER - BALDWIN produced the big numbers of pollutant reduced for those regions in those fiscal years. In FY 07, two of the Region 9 CERCLA cases MCCLELLAN AIR FORCE BASE and FORT ORD produced the big numbers of contaminated soil to be cleaned up for the Region for that fiscal year. In FY 07 one of the Region 2 CERCLA case PECHINEY PLASTICS PACKAGING, INC and in FY 05, One of the Region 9 CERCLA case Newmark Superfund Site produced the big numbers of contaminated water to be cleaned up for those Regions in those fiscal years.
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 reflects 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."