

2008 State Damage Prevention Program Grants Final Report
Funding Opportunity Number: DTPH56-08-SN-0001
CFDA Number: 20.720

Award Number: *DTPH56-08-G-PHPS14*

Project Title: *New York State Damage Prevention Program*

Date Submitted: *March 26, 2009*

Submitted by: *Kevin Hopper, Operations Manager, Dig Safely New York*

Specific Objective(s) of the Agreement

Under this grant award Dig Safely New York will implement the use of sound and practical tools to help all stakeholders improve and contribute to New York's damage prevention issues. Specifically, funding will be used for three different projects:

- ⌚ Project 1 will be used for staff training;
- ⌚ Project 2 will be used to expand the web application into a more focused Virtual Private Damage Information Reporting Tool (DIRT); and
- ⌚ Project 3 will involve the development of a state-of-the-art plastic pipe locating device.

Workscope

Under the terms of this agreement, the Grantee will address the following elements listed in 49 USC §60134 through the actions it has specified in its Application.

- ⌚ *Element (3):* A process for reviewing the adequacy of a pipeline operator's internal performance measures regarding persons performing locating services and quality assurance programs.
- ⌚ *Element (7):* Enforcement of State damage prevention laws and regulations for all aspects of the damage prevention process, including public education and the use of civil penalties for violations assessable by the appropriate State authority.
- ⌚ *Element (8):* A process for fostering and promoting the use, by all appropriate stakeholders, of improving technologies that may enhance communications, underground pipeline locating capability, and gathering and analyzing information about the accuracy and effectiveness of locating programs.
- ⌚ *Element (9):* A process for review and analysis of the effectiveness of each program element, including a means for implementing improvements identified by such program reviews.

Accomplishments for the grant period (Item 1 under Agreement Section 9.02 Final Report: "A comparison of actual accomplishments to the objectives established for the period.")

Objective 1:

The objective of instituting in accordance with CGA best practices (CGA 8-9: Measuring Public Education Success) a software application to enable effective analysis of the success of our overall programs. The objective for Dig Safely New York to institute IRTHNet Awareness, a fully functional web application providing access to marketing information, education penetration, damage results tracking and more. At the completion of 2008, we intend to have six months of data recorded in IRTHNet Awareness to analyze; this effort will compare damages and call volume against the resources used in a given area for further indications of program effectiveness. Funding in the amount of \$60,000.00 is requested for staff training and to purchase the software and hardware required. Continued maintenance of the software application will be carried out by Dig Safely New York.

Progress on the objective is as follows:

- 1) Hardware for the Applications was purchased (dual Xeon Windows 2003 Server) for \$4,905.35
- 2) Software IRTHNET Awareness Software purchased and installed 45,000.00
- 3) Software SQL Server Software, MS 2005 \$6,998.00
- 4) Personnel and IT cost to set up server and necessary network connections 80 hrs @ \$25 per hour for \$2000.00
- 5) Training Field Staff on use of application completed and 2008 data has been input. Training staff cost \$1000.00. 1 day training 8 hours each for 5 employees @ \$25.00 per hour.
- 6) Fringe benefits of employees 1000.00
- 7) Input of all 2008 presentation data, Safety Seminars and DPC Events complete.
- 8) Provided output reports for program measurement.
- 9) Total cost incurred \$60,903.35 Dig Safely New York covered the \$903.35 this project was over spent.
- 10) IRTHNet installed and complete, measures and metric are provided in the next section.

Objective 2:

To continue the theme for furthering the effectiveness of New York's Damage Prevention Programs, as outlined in element nine of the PIPES Act of 2006, the objective of instituting in accordance with CGA best practices (CGA 8-9: Measuring Public Education Success and 9-19: Root Causes Are Identified) a version of Virtual Private DIRT will be instituted. Virtual Private DIRT will provide Dig Safely New York and their members a customized version of DIRT where root causes of damages are identified for New York's geographical territory. With the support of the Department of Public Service (DPS), Dig Safely New York will set up a Virtual Private DIRT instance for use on a State level. The plan calls for a memorandum from the DPS indicating Virtual Private DIRT is the preferred method for damage data collection and reporting in New York State. Upon the issuance of the memorandum, Dig Safely New York's field staff will actively pursue members of the Northeast Gas Association and other companies to receive Virtual Private DIRT training. The training will offer assistance to those companies incorporating Virtual Private DIRT into their damage reporting methods. Funding in the amount of \$10,000.00 will be required for implementation of software, training materials, travel and labor.

Progress on this Objective is as follows:

- 1) Initial Set-up of virtual Private Dirt is complete at \$500.00 for Set-up and \$500.00 for Maintenance. An icon has been developed and placed on the Dig Safely New York Home Page in the shortcuts menu. The shot cut direct VP DIRT users to: <https://www.damagereporting.org/digsafelyny/>
- 2) A Presentation was made to the Northeast Gas Association on Thursday October 23rd. Many of the members were excited about the possibilities this project could produce to further damage prevention and many committed to input data in to the system.

- 3) 7 companies have anonymously submitted damage data on Dig Safely New York's instance of Virtual Private Dirt.
- 4) Field staff has received training on Virtual Private Dirt on Friday November 7th
- 5) Training and assistance to facility operators has occurred and will continue to occur on an as need basis. We will support Virtual Private DIRT so it reaches maximum utilization in NY. It is anticipated Virtual Private DIRT will increase usage on an annual bases much like national DIRT. Once our Members see the results and what we are able to do with it to support them in improving our damage prevention programs they will get on board.
- 6) Total Travel Incurred during this project \$2446.30, Travel that incurred in this cost covers lunch while on travel.
- 7) Personnel costs associated with training, set-up and report gathering \$5600.00. the breakdown is as follows Managers time 80hrs@ \$40.00 per hour = \$3200.00, 5 field staff members time 20 hrs each @ \$25.00 per hour = 2500.00.
- 8) Fringe benefits of employees \$2500.00
- 9) Virtual Private Dirt Export created for IRTNet Awareness.
- 10) Report generated.
- 11) Virtual Private Dirt initial results have been gathered and 2008 assessment is complete. This data will become even more relevant when we have something to compare it to with 2009 results.

Objective 3:

In an effort to foster and promote new and improving technologies, as emphasized in element eight of the PIPES Act of 2006, funding is requested to support the development of a state-of-the-art plastic pipe locating device. Dig Safely New York will look to support the RD&D sub organization of the Northeast Gas Association known as NYSEARCH through this grant to develop and introduce stakeholders to this handheld pipe locator through broad technology demonstrations. Funding in the amount of \$30,000.00 will be required as part of this grant proposal. Dig Safely New York would be requesting funds to help support the developer's time and cost for preparing and attending the field tests as well as the cost to upgrade one prototype and transport it from its origin (likely from England) and then transporting it to the various identified locations in New York State. The funds would also support preparation of reports documenting the actual locates made during the demonstration.

Progress on this Objective is as follows:

Modification #0003 to Grant Agreement #DTPH56-08-G-PHPS14 extends the period of performance thru August 31, 2009.

1. Dig Safely New York will submit an Interim Report on Project 3 no later than May 31, 2009. This Interim Report will address the progress of this project.
2. Dig Safely New York will submit a Final Report on Project 3 no later than August 31, 2009.
3. Dig Safely New York will submit a Final Financial Status Report on ALL three Projects (Projects 1, 2 and 3) no later than August 31, 2009.

Quantifiable metrics/measures of effectiveness (Item 2 under Agreement Section 9.02 Final Report: "Where the output of the project can be quantified, a computation of the cost per unit of output.")

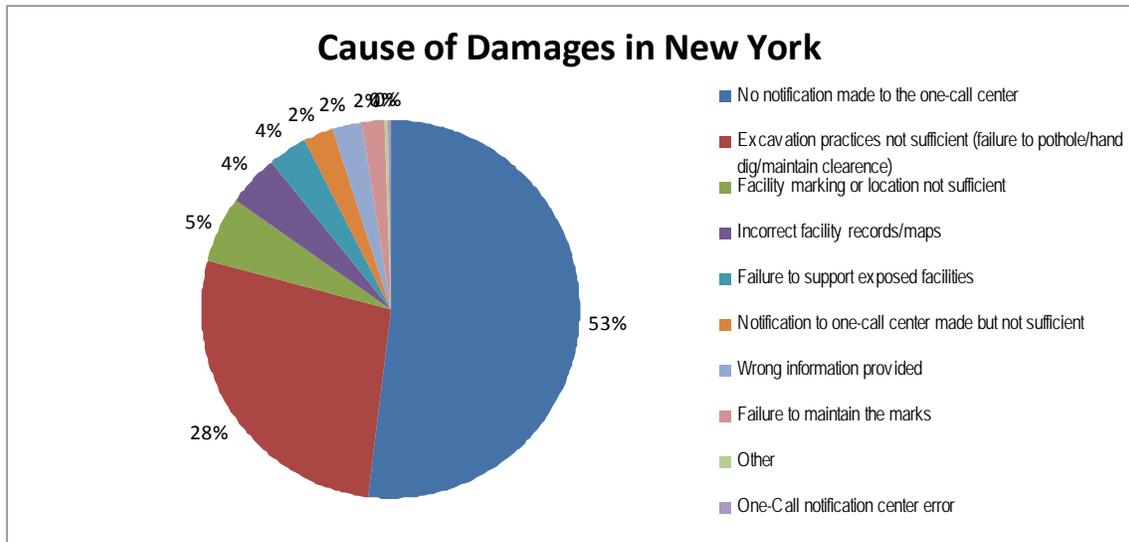
Results:

Implementation of the software has conveniently provided valuable information as we have input all of 2008's safety training. IRTNet Awareness has provided an assessment element enabling us to efficiently track and measure educational efforts. In 2008 Dig Safely New York Field Personnel

performed 225 Code Rule 753 presentations (State Law and Excavation Best Practices) accounting for 7,507 excavators trained. In addition Dig Safely New York hosted eight Excavator Safety Seminars and seven Damage Prevention Council breakfasts (see maps attached DPCEVENT_Map.pdf; 2008 EXSEM_Map.pdf) accounting for an additional 1,856 excavators (see attached reports DSNY Presentation Report.xls; Excavator Seminar Report.xls and DPC Excavator Breakfast Report.xls). In total, 240 events accounted for 9,363 excavators receiving excavation safety training. IRTNet Awareness can provide this information in various reports as demonstrated in the samples provided.

Merging both Project 1 and Project 2 together provides a more comprehensive report. A per county assessment of training events vs. damages reported is provided as an attached report (Activity_Summary_By_County_D_LR-AVG.xlsx). This report obviously provides valuable information as it contains the much needed data that was missing from our Damage Prevention Program. Utilizing this data we can quickly determine areas of the state where training had an impact and areas where we failed to provide training and as a result damages occurred. This Grant has provided us with solid metrics in which to focus our educational efforts. It easily points out areas where deficiencies occurred and allows us to set measurable objectives we did not have prior to receiving this grant. It also provides the number of location requests in a specified county. Attention to areas with large ticket volumes will also need to be accounted for. Limitations in our assessment of this data are based on utility participation. The more comprehensive the damage data, the more accurately we will be able to measure our programs effectiveness. In 2008, 839 damages were reported from various sources across the state.

Virtual Private DIRT has provided Dig Safely New York and their members a customized version of DIRT (Damage Information Reporting Tool) where root causes of damages are identified for New York's geographical territory. Preliminary results for damages caused in 2008 are below.



Failure to notify the one-call center remains the number one cause of damage reported at 53%. Obviously making sure excavators initiate the one call process will be an area of focus for 2009. Additionally having this information available will allow for a year to year assessment of what programs are having the best impact in reducing this number. If damages as a result of failure to call are down 45% in 2009 what programs did we institute to account for the change.

This report also indicates that the second leading cause of damage is excavation practices not sufficient at 28%. As a result of this information Dig Safely New York is introducing a pilot program in conjunction with a 2009 PHMSA \DOT grant to track the impact placing tolerance zone markers has on reducing these types of damages.

The implementation of Virtual Private DIRT in conjunction with IRTHNet Awareness will assist us in reducing damages and continue to improve on our successes. The implementation and use of these sound and practical tools will help all stakeholders improve and contribute to New York's damage prevention issues.

Issues, problems or challenges (Item 3 under Agreement Section 9.02 Final Report: “The reasons for slippage if established objectives were not met. “)

Project 3 was met with some set backs and we applied and were granted an extension for this project. I have attached the Grant Modification for project 3.

Other pertinent information including, when appropriate, actions taken to address the recommendations PHMSA provided in correspondence dated [Different for each agreement] (Item 4 under Agreement Section 9.02).

[This section alludes to your initial notification, typically listed as “Recommendations” under 3b where we asked “Please acknowledge these recommendations, above, and carefully consider them as areas for program improvement. Although a detailed response addressing these areas is not necessary at this time, PHMSA would like to see these recommendations, and any actions taken addressing them, discussed in the Grant Progress Report.”

3a. Recommendations:

1. Solicitation, Section 6.01, Criteria (6) states, “A commitment to quality controls in timing, personnel, and costs for deliverables offered in exchange for the grant.” We would like to see more detail on your commitment to this criterion.

In an effort to ensure quality controls and cost for deliverables, I have set up accounting codes utilizing QuickBooks to account for all expense types outlined in the proposed project budget.

2. Authority is identified but the effectiveness is not evident in the information provided. We would like to see more detail on guidelines for enforcement. (i.e.: Are all stakeholders subject to citations and enforcement action? How does enforcement take place?)

Utilizing the IRTHNET Awareness software, I am exploring the possibility of importing citation data to determine the impact citations have on damages in combination with awareness programs. This data would need to be made available through the NYSDPS. Currently all no-call damages are investigated in NY. In 2008, 373 citations were issued.

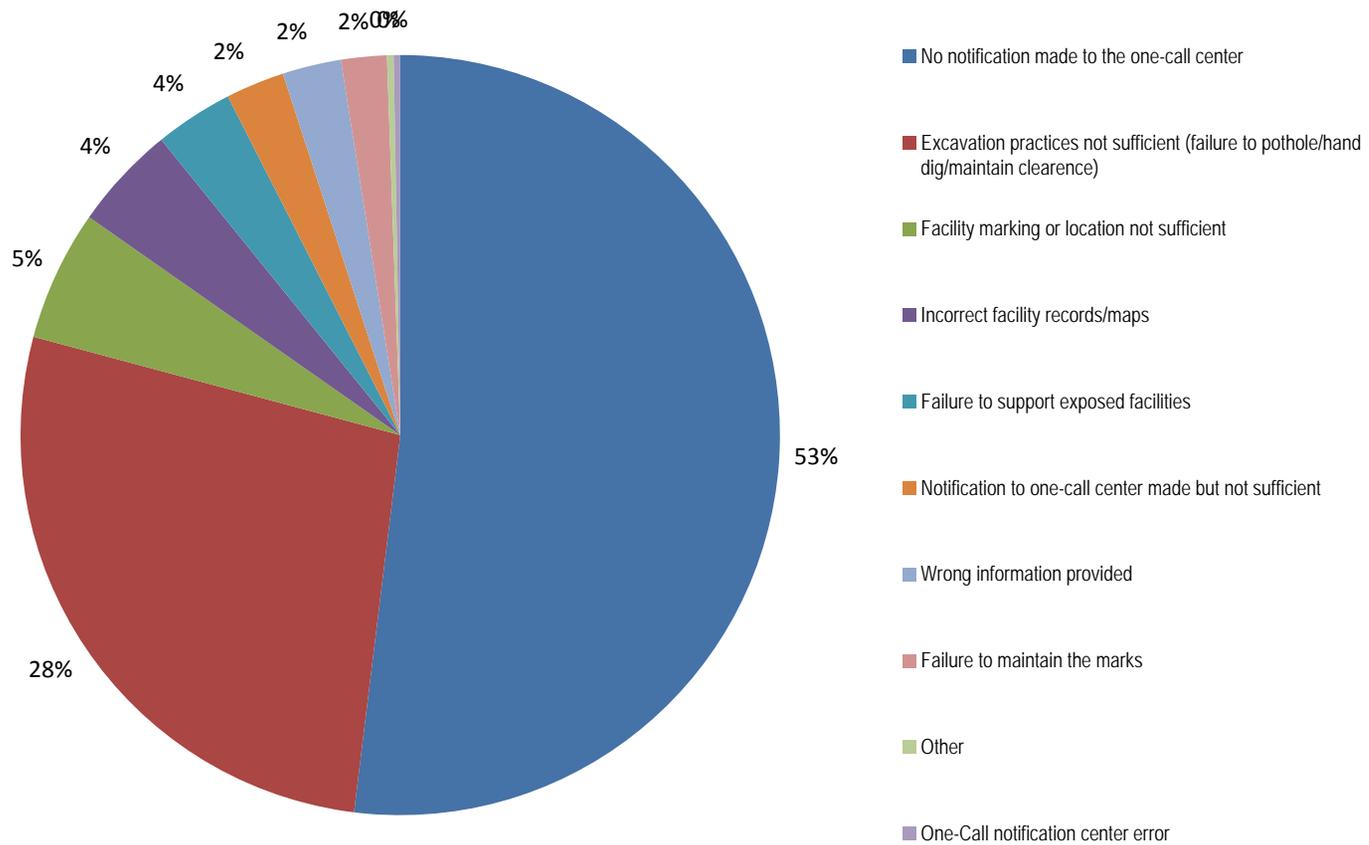
Final Financial Status Report

The final financial report will not be sent until August 31st due to Project 3 grant modification. Financials have been sent as a separate attachment sent to the AA.

Requests of the AOTR and/or PHMSA

No actions requested at this time grant modification for project 3 attached.

Cause of Damages in New York



Activity Summary By County Including Damages and Location Requests

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
NY, ALBANY				705	77	15376	0.50%
	DPC		1	72			
		Excavator Breakfast	1	72			
			CRDPC Excavator Breakfast - Albany	72			
	Excavator Training		23	633			
		DSNY Presentation	22	404			
			753 Presentation - BOCES Capital Region	6			
			753 Presentation - BOCES Capital Region	17			
			753 Presentation - Building Bridges Albany	12			
			753 Presentation - Dekatherm	5			
			753 Presentation - Dept of Labor	24			
			753 Presentation - Eastern Contractors Assoc	21			
			753 Presentation - Flach Industries	17			
			753 Presentation - Gas Pipeline Group Albany	35			
			753 Presentation - Groundworks Utilities, LLC	12			
			753 Presentation - Iroquois Gas Albany	25			
			753 Presentation - National Grid	6			
			753 Presentation - NESCA	26			
			753 Presentation - Paridym Gas Albany	48			
			753 Presentation - Sano Rubin	22			
			753 Presentation - Shaw Environmental	6			
			753 Presentation - Straight Line Industries	33			
			753 Presentation - Syracuse utilities	9			
			753 Presentation - T O Bethlehem DPW	27			
			753 Presentation - Wade Electric	3			
			Design Ticket - ASCE Hudson Mohawk Chapter	17			
			Design Ticket - Shaw Environmental	15			
			Design Ticket Presentation - CT Male Assoc	18			
		Excavator Safety	1	229			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
			Excavator Safety Seminar - Albany	229			
NY, ALLAGANY				0	2	3058	0.07%
NY, BROOME	DPC			8	35	9125	0.38%
		Excavator Breakfast	1	68			
			1	68			
	Excavator Training		STDPC Excavator Breakfast - Endicott	68			
		DSNY Presentation	7	168			
			7	168			
			753 presentation for Binghamton University	30			
			753 Presentation for Christa Construction	29			
			Binghamton University	30			
			Christa Construction	29			
			NYSEG Line Crews	21			
			Southern Tier Home Builders Association	24			
			Tra Gen Concrete	5			
NY, CATTARAUGUS	Excavator Training			3	5	5848	0.09%
		DSNY Presentation	3	223			
			3	223			
			NYSDOL	65			
			NYSDOL	70			
			PIPELINE SAFETY DINNER PRESENTATION	88			
NY, CAYUGA				0	10	4836	0.21%
NY, CHAUTAUQUA	DPC			1	4	8592	0.05%
		Excavator Breakfast	1	51			
			1	51			
			WNYDPC Excavator breakfast - Mayville	51			
NY, CHEMUNG	Excavator Training			3	4	5103	0.08%
		DSNY Presentation	3	211			
			2	81			
			Chemung County BOCES	55			
			Streeter Associates	26			
		Excavator Safety	1	130			
			Excavator Safety Seminar - Horseheads	130			
NY, CHENANGO				0	0	2638	
NY, CLINTON	Excavator Training			2	1	4092	0.02%
		DSNY Presentation	2	68			
			2	68			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
			753 Presentation - CVTEC pm session	37			
			753 Presentaton - CVTEC am session	31			
NY, COLUMBIA	Excavator Training		3	108	11	2204	0.50%
		DSNY Presentation	3	108			
			3	108			
			753 Presentation Colarusso & Son, Inc	51			
			753 Presentation Department of Labor	20			
			753 Presentation OSHA Partner	37			
NY, CORTLAND	DPC		5	243	2	3128	0.06%
		Excavator Breakfast	1	37			
			1	37			
			STDPC Excavator Breakfast - Cortland	37			
	Excavator Training		4	206			
		DSNY Presentation	4	206			
			753 presentation for Cortland County Water Ops	44			
			753 Presentation for Vector Construction	59			
			cORTLAND cOUNTY wATER oPERATORS	44			
			Vector Construction	59			
NY, DELAWARE			0	0	0	2802	
NY, DUTCHESS			12	317	10	11613	0.09%
	Excavator Training		12	317			
		DSNY Presentation	12	317			
			753 Presentation Central Hudson	6			
			753 Presentation Central Hudson	6			
			753 Presentation Central Hudson	9			
			753 Presentation Central Hudson	25			
			753 Presentation Central Hudson	31			
			753 Presentation Department of Labor	71			
			753 Presentation Dept of Labor	59			
			753 Presentation Lovell Safety	45			
			753 Presentation Mr. Rooter	1			
			753 Presentation Mr. Rooter	11			
			753 Presentation NYS DOT	42			
			Design Presentation Mid-Hudson Civil Eng. Society	11			
NY, ERIE	Excavator Training		9	564	24	74649	0.03%
			9	564			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
		DSNY Presentation	8	378			
			Buffalo Laborers Training Center	19			
			City of Buffalo Water Department	38			
			NYSDOT Buffalo Headquarters	36			
			NYSDOT Northern Erie Maintenance Division	113			
			Town and Village of Orchard Park	42			
			Union Concrete Construction	86			
			Verizon Locator Training	24			
			Visone Construction	20			
		Excavator Safety	1	186			
			Excavator Safety Seminar - Hamburg	186			
NY, ESSEX	Excavator Training		2	38	0	1512	0.00%
			2	38			
		DSNY Presentation	2	38			
			753 Presentation - Steve Fuller Excavation	6			
			753 Presentation - US Olympic Training Center	32			
NY, FRANKLIN			0	0	0	1399	
NY, FULTON			0	0	5	1914	0.26%
NY, GENESEE			2	69	6	4084	0.15%
	Excavator Training		2	69			
		DSNY Presentation	2	69			
			DOT PRESENTATION	50			
			Keeler Construction Co.	19			
NY, GREENE	Excavator Training		2	39	0	1505	0.00%
			2	39			
		DSNY Presentation	2	39			
			753 Presentation Central Hudson	26			
			753 Presentation Village of Catskill	13			
NY, HAMILTON			0	0	0	349	
NY, HERKIMER			0	0	6	3306	0.18%
NY, JEFFERSON			5	168	30	6279	0.48%
	DPC		1	70			
		Excavator Breakfast	1	70			
			CNYDPC Excavator Breakfast - Watertown	70			
	Excavator Training		4	98			
		DSNY Presentation	4	98			
			Actus Land Lease	36			
			Army Corps of Engineers	19			
			Lawman Heating & Air Conditioning	11			
			NYS DOL OSHA 10 Hr	32			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
NY, LEWIS				0	0	1418	
NY, LIVINGSTON				7	318	3201	0.47%
	Excavator Training		7	318			
		DSNY Presentation	7	318			
			DOT PRESENTATION	42			
			DOT PRESENTATION	42			
			PIPELINE DINNER PRESENTATION	65			
			Presentation	9			
			Presentation	29			
			PRESENTATION	106			
			Presentation for IAEI	25			
NY, MADISON				2	121	3640	0.08%
	DPC		1	100			
		Excavator Breakfast	1	100			
			CNY/MV DPC Joint Excavator Breakfast - Canastota	100			
	Excavator Training		1	21			
		DSNY Presentation	1	21			
			SUNY Morrisville	21			
NY, MONROE				18	771	38041	0.25%
	Excavator Training		18	771			
		DSNY Presentation	17	537			
			BOCES, HEAVY EQUIP	43			
			DOT PRESENTATION	43			
			DOT PRESENTATION	50			
			DOT SPRING SAFETY MEETING	32			
			PRESENTATION				
			PIPELINE SAFETY DINNER	34			
			PRESENTATION				
			Presentation	9			
			Presentation	14			
			Presentation	15			
			Presentation	22			
			Presentation	29			
			Presentation	35			
			Presentation @ Contractor lunch	6			
			Presentation for DOT	8			
			PRESENTATION FOR REDITUS	14			
			Presentations	37			
			TIME WARNER CABLE, PRESENTATION	20			
			VILLAGER CONST PRESENTATION	126			
		Excavator Safety	1	234			
			Excavator Safety Seminar - Pittsford	234			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
NY, MONTGOMERY				0	15	2565	
NY, NIAGARA	Excavator Training			4	3	11034	0.03%
		DSNY Presentation	4	291			
			NYSDOT Niagara Region Maintenance Division	4	291		
			PIPELINE SAFETY SEMINAR PRESENTATION	59			
			Presentation	194			
			Town of Pendleton Public Works	28			
				10			
NY, ONEIDA	DPC			11	3	10113	0.03%
		Excavator Breakfast		1			
			MVDPC Excavator Breakfast - New Hartford	1	69		
	Excavator Training			10	69		
		DSNY Presentation		10	326		
			753 Presentation for Mohawk Valley Builders	10	326		
			753 presentation for The Pipeline Group	21			
				26			
			NYS DOL OSHA 10 hr	18			
			NYS DOL OSHA 10 Hr	41			
			NYS DOT Region 2 Safety Day	100			
			NYSDOL Onsite Consultation	13			
			NYSDOL OSHA 10 hr	42			
			Oneida County Town Highway Employees	24			
				26			
			Pipeline Group Safety Meeting	15			
			Schumaker Engineering	15			
NY, ONONDAGA	Excavator Training			28	145	26303	0.55%
		DSNY Presentation		28	932		
			753 presentation for ABC/ Reller Risk Managment	27	681		
			753 presentation for APWA inspectors	31			
			753 presentation for ASSE	12			
			753 presentation for Bat Con	22			
			753 Presentation for NYS Parks Dept	26			
			753 presentation for the Pipeline Group	26			
				30			
			APWA Central NY Chapter	35			
			ASSE PDC Annual Meeting	136			
			Bat Con	13			
			Bat Con	26			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
			C&S Companies	15			
			City of Syracuse Water	25			
			Dekatherm	4			
			Elderlee Construction	6			
			NYS DOL Osha 10 Hr	11			
			NYS DOL OSHA 10 Hr	52			
			NYS Parks Dept	27			
			NYS DOL OSHA 10hr	34			
			OCM BOCES OSHA 10 Hr	32			
			Onondaga County Soil & Water Conservation District	11			
			Peerless Insurance	22			
			Pipeline Group Safety Meeting	31			
			RG&E Call Center Tour & Presentation	6			
			Salt City Site Works	2			
			SBGA Central NY Chapter Annual Workshop	20			
			StanTec	12			
			Syracuse University	14			
		Excavator Safety	1	251			
			Excavator Safety Seminar - Syracuse	251			
NY, ONTARIO	Excavator Training		5	413	25	7750	0.32%
			5	413			
		DSNY Presentation	5	413			
			DOT PRESENTATION	31			
			ONTARIO COUNTY SAFETY MEETING	297			
			PIPELINE SAFETY DINNER PRESENTATION	45			
			Presentation	8			
			Presentation	32			
NY, ORANGE	Excavator Training		16	336	13	13451	0.10%
			16	336			
		DSNY Presentation	16	336			
			753 Presentation Actis Lend Lease	13			
			753 Presentation Boyce Excavation	5			
			753 Presentation Cental Hudson	13			
			753 Presentation Central Hudson New Contractor	9			
			753 Presentation Hudson Valley Master Plumbers	8			
			753 Presentation J. Mullens	13			
			753 Presentation Local 825	12			
			753 Presentation Local 825	15			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
			753 Presentation Local Union 825	12			
			753 Presentation NYS Thruway Authority	28			
			753 Presentation Orange County Highway Assoc.	91			
			753 Presentation Pine Bush Equipment	44			
			753 Presentation Pine Bush Training Center	7			
			753 Presentation Pipeline Meeting	35			
			753 Presentation Precise Landscaping	8			
			753 Presentation Well Drillers Assoc	23			
NY, ORLEANS			0	0	1	2278	
NY, OSWEGO			1	61	25	7276	0.34%
	Excavator Training		1	61			
		DSNY Presentation	1	61			
			Oswego County BOCES	61			
NY, OTSEGO			2	131	0	3106	0.00%
	Excavator Training		2	131			
		DSNY Presentation	2	131			
			NYSDOT Region 9 Safety Day	71			
			Otsego County BOCES	60			
NY, PUTNAM			2	31	1	3211	0.03%
	Excavator Training		2	31			
		DSNY Presentation	2	31			
			753 Presentation Arborscape Landscaping	7			
			753 Presentation Lovell Safety	24			
NY, RENSSELAER			5	93	25	6661	0.38%
	Excavator Training		5	93			
		DSNY Presentation	5	93			
			753 Presentation - Doug Empie	1			
			753 Presentation - Questar III	16			
			753 Presentation - Rifenburg Construction	34			
			753 Presentation - Rifenburg Contracting Corp	33			
			Design Ticket - Chazen Company	9			
NY, ROCKLAND			5	344	13	17102	0.08%
	Excavator Training		5	344			
		DSNY Presentation	4	147			
			753 Presentation CCG LLC,	98			
			753 Presentation DeSimone	4			
			753 Presentation MCM Paving	3			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
			753 Presentation Raines & Welsh	42			
		Excavator Safety	1	197			
			Excavator Safety Seminar - Suffern	197			
NY, SARATOGA	Excavator Training		5	114	60	11440	0.52%
			5	114			
		DSNY Presentation	5	114			
			753 Presentation - AGC/DOT Tech Conference	22			
			753 Presentation - DeCrescente Dist ctr	36			
			753 Presentation - DeCrescente Dist. Co.	42			
			753 Presentation - Northway Estates	3			
			753 Presentation - Professional Landscapers	11			
NY, SCHENECTADY	Excavator Training		4	103	58	6018	0.96%
			4	103			
		DSNY Presentation	4	103			
			753 Presentation - Minority Contractors Tech Prog	38			
			753 Presentation - Sch'dy Minorities Group	18			
			753 Presentation - Youth Build	22			
			753 Presentation - Youth Build	25			
NY, SCHOHARIE	Excavator Training		5	223	0	1261	0.00%
			5	223			
		DSNY Presentation	5	223			
			753 Presentation - gas pipeline group, schoharie	58			
			753 Presentation - Iroquios Pipeline Cobleskill	72			
			753 Presentation - Paridym Gas Schoharie	49			
			753 Presentation - SUNY Cobleskill, am session	16			
			753 Presentation - SUNY Cobleskill, pm session	28			
NY, SCHUYLER			0	0	0	1332	
NY, SENECA	Excavator Training		3	227	58	2027	2.86%
			3	227			
		DSNY Presentation	3	227			
			4H SAFETY AND CAREER EVENT	171			
			PIPELINE SAFETY DINNER PRESENTATION	43			
			Presentation	13			

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
NY, ST. LAWRENCE	Excavator Training	Excavator Safety	1	85	3	4754	0.06%
			1	85			
			1	85			
			Excavator Safety Seminar - Canton	85			
NY, STEUBEN	Excavator Training	DSNY Presentation	6	302	2	7314	0.03%
			6	302			
			6	302			
			BOCES HEAVY EQUIP	68			
			BOCES HEAVY EQUIP.	64			
			PIPELINE SAFETY PRESENTATION	50			
			Presentation	12			
			Presentation	13			
			Southern Tier Water Works Conference	95			
			NY, SULLIVAN	Excavator Training			
1	77						
1	77						
Excavator Safety Seminar - Monticello	77						
NY, TIOGA			0	0	0	2268	
NY, TOMPKINS	Excavator Training	DSNY Presentation	4	211	5	5696	0.09%
			4	211			
			753 Presentation for The Pipeline Group	70			
			NYS DOL Ithaca	26			
			The Pipeline Group	70			
			Tompkins County BOCES	45			
			NY, ULSTER	Excavator Training			
4	129						
4	129						
753 New Employee Training	5						
753 Presentation Central Hudson	25						
753 Presentation New York Rural Water Assoc	83						
753 Presentation Town of LLoyd	16						
NY, WARREN	Excavator Training	DSNY Presentation	3	122	19	3486	0.55%
			3	122			
			753 Presentation - Galusha Excavation	52			
			753 Presentation - Queensbury	23			
			753 Presentation Department of Labor	47			
NY, WASHINGTON			0	0	15	2723	

State And County	Category	Awareness Type	Activities	# People Reached	Damages	Location Requests	% of Damages Per Location Request
NY, WAYNE			1	55	11	5118	0.21%
	Excavator Training		1	55			
		DSNY Presentation	1	55			
			DOT PRESENTATION	55			
NY, WESTCHESTER			12	419	18	35463	0.05%
	Excavator Training		12	419	419	419	
		DSNY Presentation	12	419	419	419	
			753 Presentation Aqua Turf	13	13	13	
			753 Presentation Communication Constructon Group	22	22	22	
			753 Presentation Con Edison	35	35	35	
			753 Presentation Con Edison	69	69	69	
			753 Presentation Croton On Hudson DPW	23	23	23	
			753 Presentation Lovell Safety	30	30	30	
			753 Presentation Lovell Safety	35	35	35	
			753 Presentation Lovell Safety	36	36	36	
			753 Presentation Lovell Safety	44	44	44	
			753 Presentation Lower Hudson APWA	12	12	12	
			753 Presentation OSHA Partner	83	83	83	
			753 Presentation Town of New Castle DPW	17	17	17	
NY,WYOMING			0	0	2	3014	0.07%
NY, YATES			0	0	2	1427	0.14%

DSNY Presentation Report

Category	Awareness Type	Activities	# People Reached
Excavator Training	DSNY Presentation	225	7507
		225	7507
		4H SAFETY AND CAREER EVENT	171
		753 - Presentation Joe Caracciolo Electric	2
		753 New Employee Training	5
		753 Presentation - AGC/DOT Tech Conference	22
		753 Presentation - BOCES Capital Region	17
		753 Presentation - BOCES Capital Region	6
		753 Presentation - Building Bridges Albany	12
		753 Presentation - CVTEC pm session	37
		753 Presentation - DeCrescente Dist ctr	36
		753 Presentation - DeCrescente Dist. Co.	42
		753 Presentation - Dekatherm	5
		753 Presentation - Dept of Labor	24
		753 Presentation - Doug Empie	1
		753 Presentation - Eastern Contractors Assoc	21
		753 Presentation - Flach Industries	17
		753 Presentation - Galusha Excavation	52
		753 Presentation - Gas Pipeline Group Albany	35
		753 Presentation - gas pipeline group, schoharie	58
		753 Presentation - Groundworks Utilities, LLC	12
		753 Presentation - Iroquios Pipeline Cobleskill	72
		753 Presentation - Iroquois Gas Albany	25
		753 Presentation - Minority Contractors Tech Prog	38
		753 Presentation - National Grid	6
		753 Presentation - NESCA	26
		753 Presentation - Northway Estates	3
		753 Presentation - Paridym Gas Albany	48
		753 Presentation - Paridym Gas Schoharie	49
		753 Presentation - Professional Landscapers	11
		753 Presentation - Queensbury	23
		753 Presentation - Questar III	16
		753 Presentation - Rifenburg Construction	34
		753 Presentation - Rifenburg Contracting Corp	33
		753 Presentation - Sano Rubin	22
		753 Presentation - Sch'dy Minorities Group	18
		753 Presentation - Shaw Environmental	6
		753 Presentation - Steve Fuller Excavation	6
		753 Presentation - Straight Line Industries	33
		753 Presentation - SUNY Cobleskill, am session	16
		753 Presentation - SUNY Cobleskill, pm session	28
		753 Presentation - Syracuse utilities	9
		753 Presentation - T O Bethlehem DPW	27
753 Presentation - US Olympic Training Center	32		
753 Presentation - Wade Electric	3		
753 Presentation - Youth Build	22		
753 Presentation - Youth Built	25		
753 Presentation Actis Lend Lease	13		
753 Presentation Aqua Turf	13		
753 Presentation Arborscape Landscaping	7		
753 Presentation Boyce Excavation	5		
753 Presentation CCG LLC,	98		
753 Presentation Cental Hudson	13		
753 Presentation Central Hudson	31		
753 Presentation Central Hudson	25		
753 Presentation Central Hudson	6		
753 Presentation Central Hudson	26		
753 Presentation Central Hudson	6		
753 Presentation Central Hudson	25		
753 Presentation Central Hudson	9		

DSNY Presentation Report

753 Presentation Central Hudson New Contractor	9
753 Presentation Colarusso & Son, Inc	51
753 Presentation Communication Constructon Group	22
753 Presentation Con Edison	69
753 Presentation Con Edison	35
753 Presentation Croton On Hudson DPW	23
753 Presentation Department of Labor	71
753 Presentation Department of Labor	20
753 Presentation Department of Labor	47
753 Presentation Dept of Labor	59
753 Presentation DeSimone	4
753 presentation for ABC/ Reller Risk Managment	0
753 presentation for APWA inspectors	12
753 presentation for ASSE	22
753 presentation for Bat Con	26
753 presentation for Binghamton University	30
753 Presentation for Christa Construction	29
753 presentation for Cortland County Water Ops	44
753 Presentation for Mohawk Valley Builders	21
753 Presentation for NYS Parks Dept	26
753 presentation for The Pipeline Group	26
753 presentation for the Pipeline Group	30
753 Presentation for The Pipeline Group	70
753 Presentation for Vector Construction	59
753 Presentation Hudson Valley Master Plumbers	8
753 Presentation J. Mullens	13
753 Presentation Local 825	12
753 Presentation Local 825	15
753 Presentation Local Union 825	12
753 Presentation Lovell Safety	45
753 Presentation Lovell Safety	30
753 Presentation Lovell Safety	36
753 Presentation Lovell Safety	44
753 Presentation Lovell Safety	35
753 Presentation Lovell Safety	24
753 Presentation Lower Hudson APWA	12
753 Presentation MCM Paving	3
753 Presentation Mr. Rooter	1
753 Presentation Mr. Rooter	11
753 Presentation New York Rual Water Assoc	83
753 Presentation NYS DOT	42
753 Presentation NYS Thruway Authority	28
753 Presentation Orange County Highway Assoc.	91
753 Presentation OSHA Partner	37
753 Presentation OSHA Partner	83
753 Presentation Pine Bush Equipment	44
753 Presentation Pine Bush Training Center	7
753 Presentation Pipeline Meeting	35
753 Presentation Precise Landscaping	8
753 Presentation Raines & Welsh	42
753 Presentation Town of LLOYD	16
753 Presentation Town of New Castle DPW	17
753 Presentation Village of Catskill	13
753 Presentation Well Drillers Assoc	23
753 Presentaton - CVTEC am session	31
Actus Land Lease	36
APWA Central NY Chapter	35
Army Corps of Engineers	19
ASSE PDC Annual Meeting	136
Bat Con	26
Bat Con	13

DSNY Presentation Report

Binghamton University	30
BOCES HEAVY EQUIP	68
BOCES HEAVY EQUIP.	64
BOCES, HEAVY EQUIP	43
Buffalo Labor Union Training Center	13
Buffalo Laborers Training Center	19
C&S Companies	15
Capital Fence Company	12
Chemung County BOCES	55
Christa Construction	29
City of Buffalo Water Department	38
City of Syracuse Water	25
cORTLAND cOUNTY wATER oPERATORS	44
Dekatherm	4
Design Presentation Mid-Hudson Civil Eng. Society	11
Design Ticket - ASCE Hudson Mohawk Chapter	17
Design Ticket - Chazen Company	9
Design Ticket - Shaw Environmental	15
Design Ticket Presentation - CT Male Assoc	18
DOT PRESENTATION	42
DOT PRESENTATION	55
DOT PRESENTATION	31
DOT PRESENTATION	43
DOT PRESENTATION	50
DOT PRESENTATION	50
DOT PRESENTATION	42
DOT SPRING SAFETY MEETING PRESENTATION	32
Elderlee Construction	6
Erie County & FEMA	23
Keeler Construction Co.	19
Lawman Heating & Air Conditioning	11
NYS DOL OSHA 10 hr	18
NYS DOL OSHA 10 Hr	32
NYS DOL OSHA 10 Hr	41
NYS DOL Osha 10 Hr	11
NYS DOL OSHA 10 Hr	52
NYS DOT Region 2 Safety Day	100
NYS Parks Dept	27
NYSDOL	70
NYSDOL	65
NYSDOL Ithaca	26
NYSDOL Onsite Consultation	13
NYSDOL OSHA 10 hr	42
NYSDOL OSHA 10hr	34
NYSDOT Buffalo Headquarters	36
NYSDOT Niagara Region Maintenance Division	59
NYSDOT Northern Erie Maintenance Division	113
NYSDOT Region 9 Safety Day	71
NYSEG Line Crews	21
OCM BOCES OSHA 10 Hr	32
Oneida County Town Highway Employees	24
Onondaga County Soil & Water Conservation District	11
ONTARIO COUNTY SAFETY MEETING	297
Oswego County BOCES	61
Otsego County BOCES	60
Peerless Insurance	22
PIPELINE DINNER PRESENTATION	65
Pipeline Group Safety Meeting	31
Pipeline Group Safety Meeting	26
PIPELINE SAFETY DINNER PRESENTATION	88
PIPELINE SAFETY DINNER PRESENTATION	43

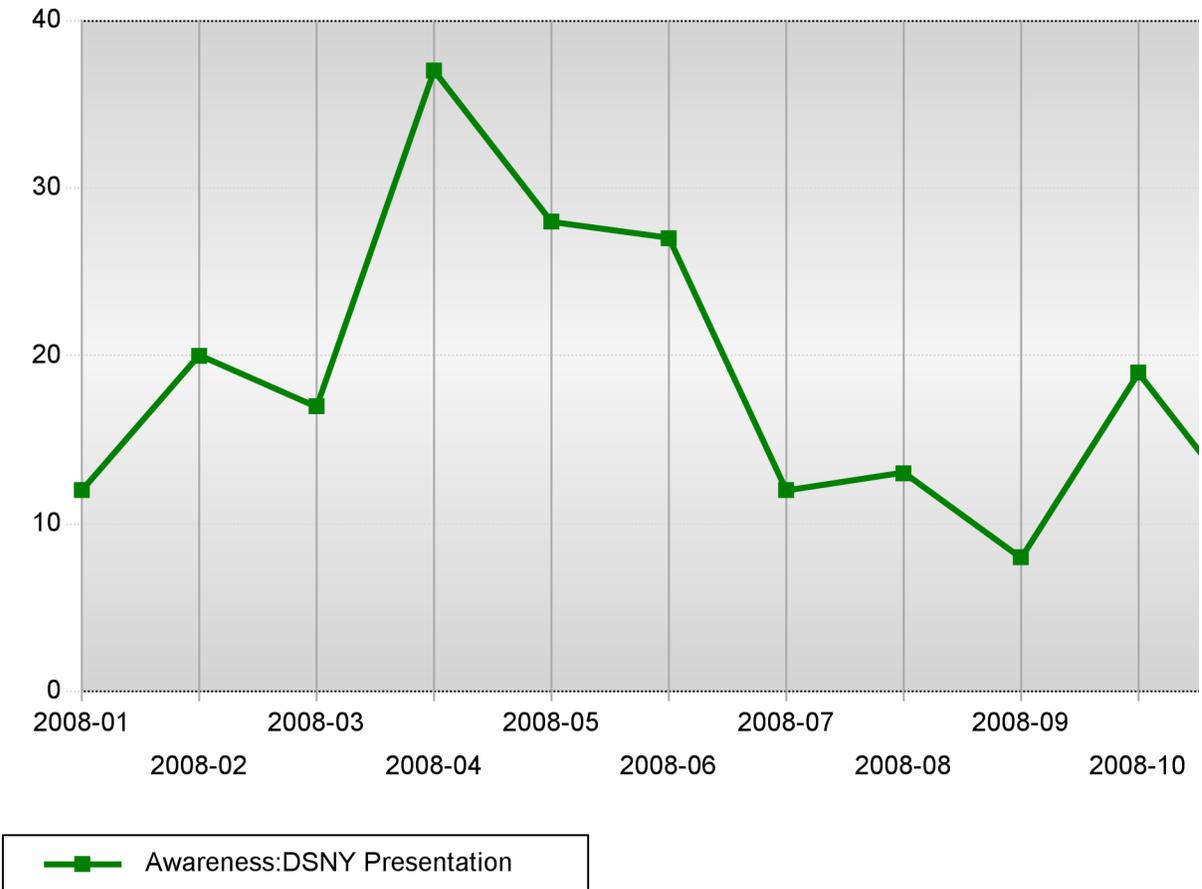
DSNY Presentation Report

PIPELINE SAFETY DINNER PRESENTATION	34
PIPELINE SAFETY DINNER PRESENTATION	45
PIPELINE SAFETY PRESENTATION	50
PIPELINE SAFETY SEMINAR PRESENTATION	194
PRESENTATION	106
Presentation	9
Presentation	22
Presentation	32
Presentation	9
Presentation	28
Presentation	29
Presentation	35
Presentation	14
Presentation	8
Presentation	15
Presentation	13
Presentation	29
Presentation	12
Presentation	13
Presentation @ Contractor lunch	6
Presentation for DOT	8
Presentation for IAEI	25
PRESENTATION FOR REDITUS	14
Presentations	37
RG&E Call Center Tour & Presentation	6
Salt City Site Works	2
SBGA Central NY Chapter Annual Workshop	20
Schumaker Engineering	15
Southern Tier Home Builders Association	24
Southern Tier Water Works Conference	95
StanTec	12
Streeter Associates	26
SUNY Morrisville	21
Syracuse University	14
The Pipeline Group	70
TIME WARNER CABLE, PRESENTATION	20
Tompkins County BOCES	45
Town and Village of Orchard Park	42
Town of Pendleton Public Works	10
Tra Gen Concrete	5
Union Concrete Construction	86
Vector Construction	59
Verizon Locator Training	24
VILLAGER CONST PRESENTATION	126
Visone Construction	20



Awareness Data Analysis Report

Activity Counts by Time Period



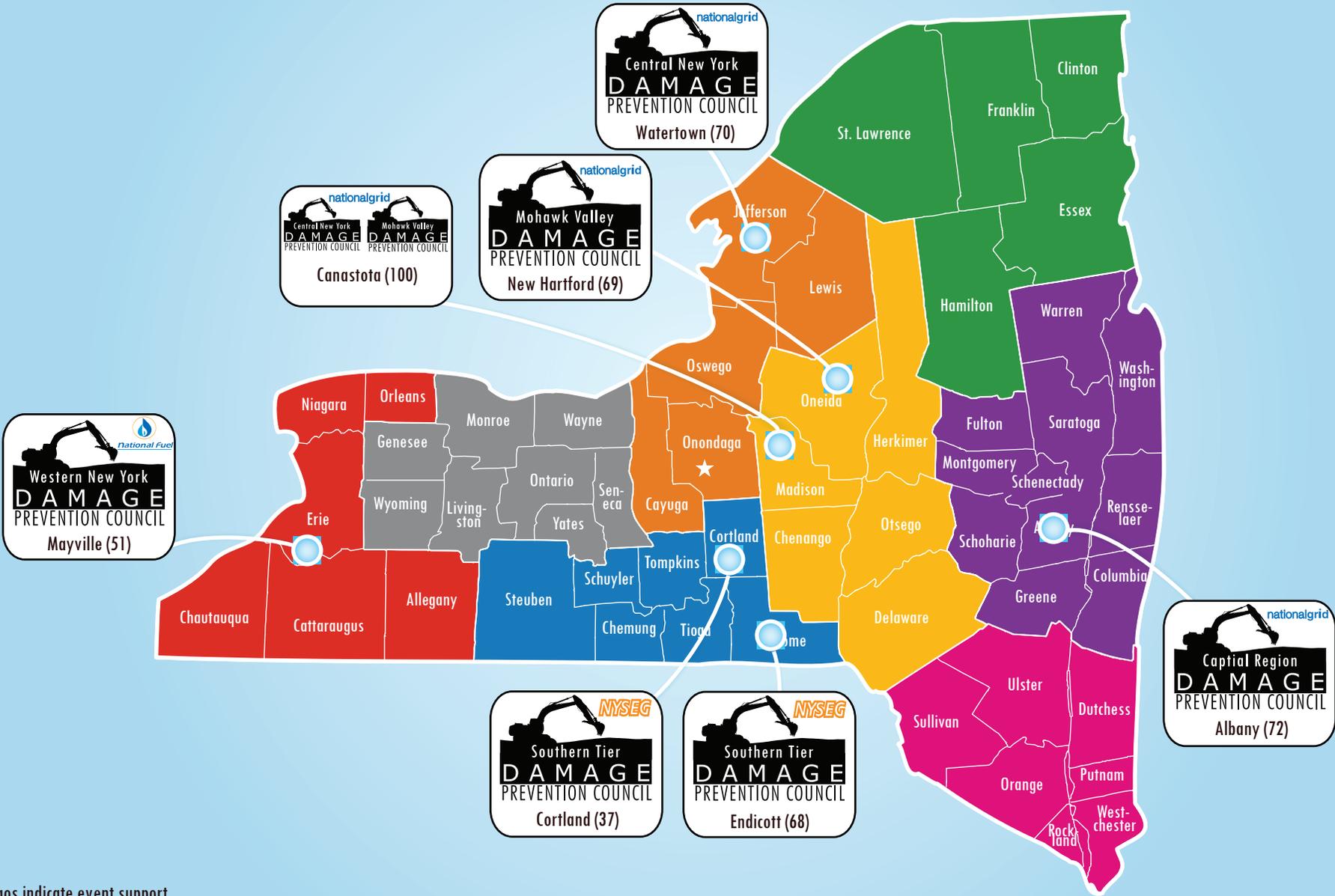
Awareness Data Analysis Report



DPC Excavator Breakfast Report

Category	Awareness Type	Activities	# People Reached
DPC		7	467
	Excavator Breakfast	7	467
		CNY/MV DPC Joint Excavator Breakfast - Canastota	100
		CNYDPC Excavator Breakfast - Watertown	70
		CRDPC Excavator Breakfast - Albany	72
		MVDPC Excavator Breakfast - New Hartford	69
		STDPC Excavator Breakfast - Cortland	37
		STDPC Excavator Breakfast - Endicott	68
		WNYDPC Excavator breakfast - Mayville	51

2008 Dig Safely New York Damage Prevention Council Events



Logos indicate event support.

Excavator Seminar Report

Category	Awareness Type	Activities	# People Reached
Excavator Training		8	1389
	Excavator Safety Seminar	8	1389
		Excavator Safety Seminar - Albany	229
		Excavator Safety Seminar - Canton	85
		Excavator Safety Seminar - Hamburg	186
		Excavator Safety Seminar - Horseheads	130
		Excavator Safety Seminar - Monticello	77
		Excavator Safety Seminar - Pittsford	234
		Excavator Safety Seminar - Suffern	197
		Excavator Safety Seminar - Syracuse	251

2008 Dig Safely New York Excavator Safety Seminars



The totals for these events do not include various employees, DPC members, speakers, etc.