

Pennsylvania 811 PUC Annual Update



**Pennsylvania One Call:
The Keystone of Damage Prevention**

Pennsylvania 811 History

- PA One Call a non-profit 501 (c) (6) Company
- Governed by the Pennsylvania's Underground Utility Line Protection Act 287 as Amended (Act 50)
- Operations were established in September 1972 with service covering 6 utilities serving Allegheny County in Southwestern Pennsylvania
- Currently serves all 67 counties and employs over 90 people in West Mifflin and across the State

2022 Pennsylvania 811 Membership

We have approximately **3,749** Members from the following industries:

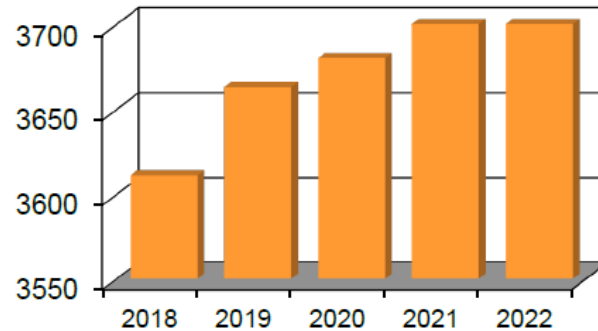
Cable TV, Electric, Gas, Propane, Marcellus shale, Pipeline, Sewer, Telecommunications, Telephone, Water, and Government entities including State, County, City, Borough, Townships of the First Class, Townships of the Second Class, and Municipal Authorities, as well as Universities, Hospitals and other Micro-Users

Members also include Private Master Meter companies, Manufactured Housing Communities and Private Entities, such as Schools, Hospitals, Manufacturing Sites, and others owning underground facilities which cross public roads.

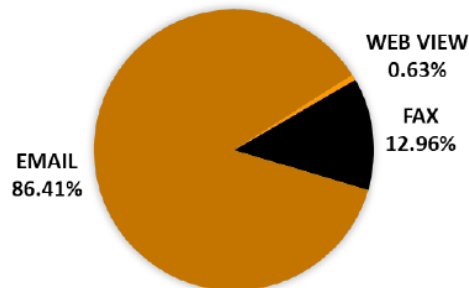
2022 Pennsylvania 811 Membership

Membership as of December 31, 2022

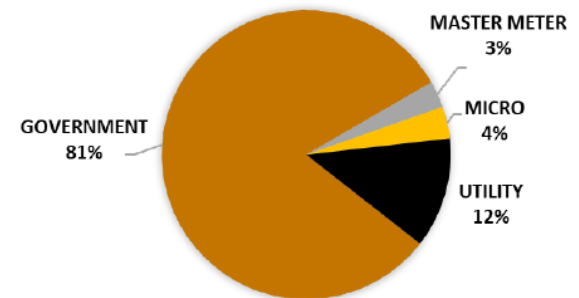
TOTAL Members	3,737	
Principal Members	2,170	YTD New Members 44
General Members	1,567	YTD Merged Members 14
Members Using Mapping	1,470	YTD Cancelled Members 6



MEMBERSHIP BY SERVICE TYPE



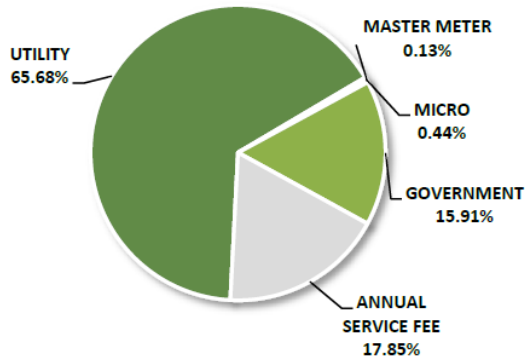
MEMBERSHIP BY ENTITY TYPE



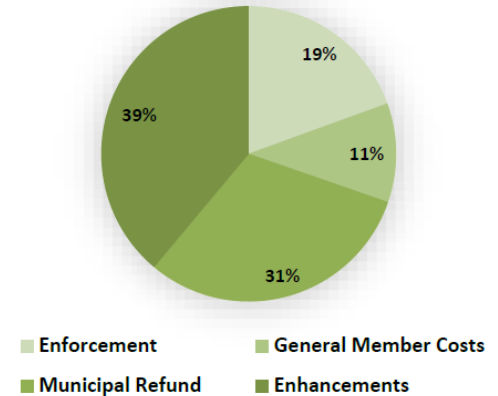
2022 Pennsylvania 811 Funding

- Pa One Call is non-profit 501 (c) (6) Company and is Funded by its Facility Owner Members

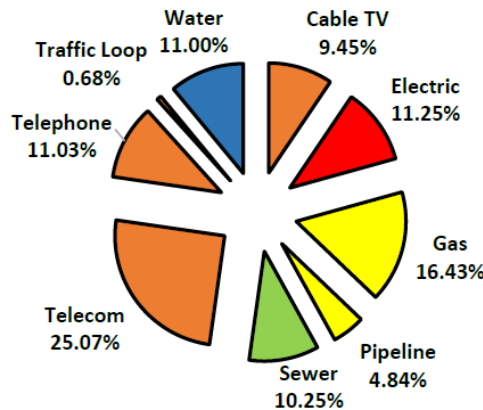
REVENUE BY STAKEHOLDER



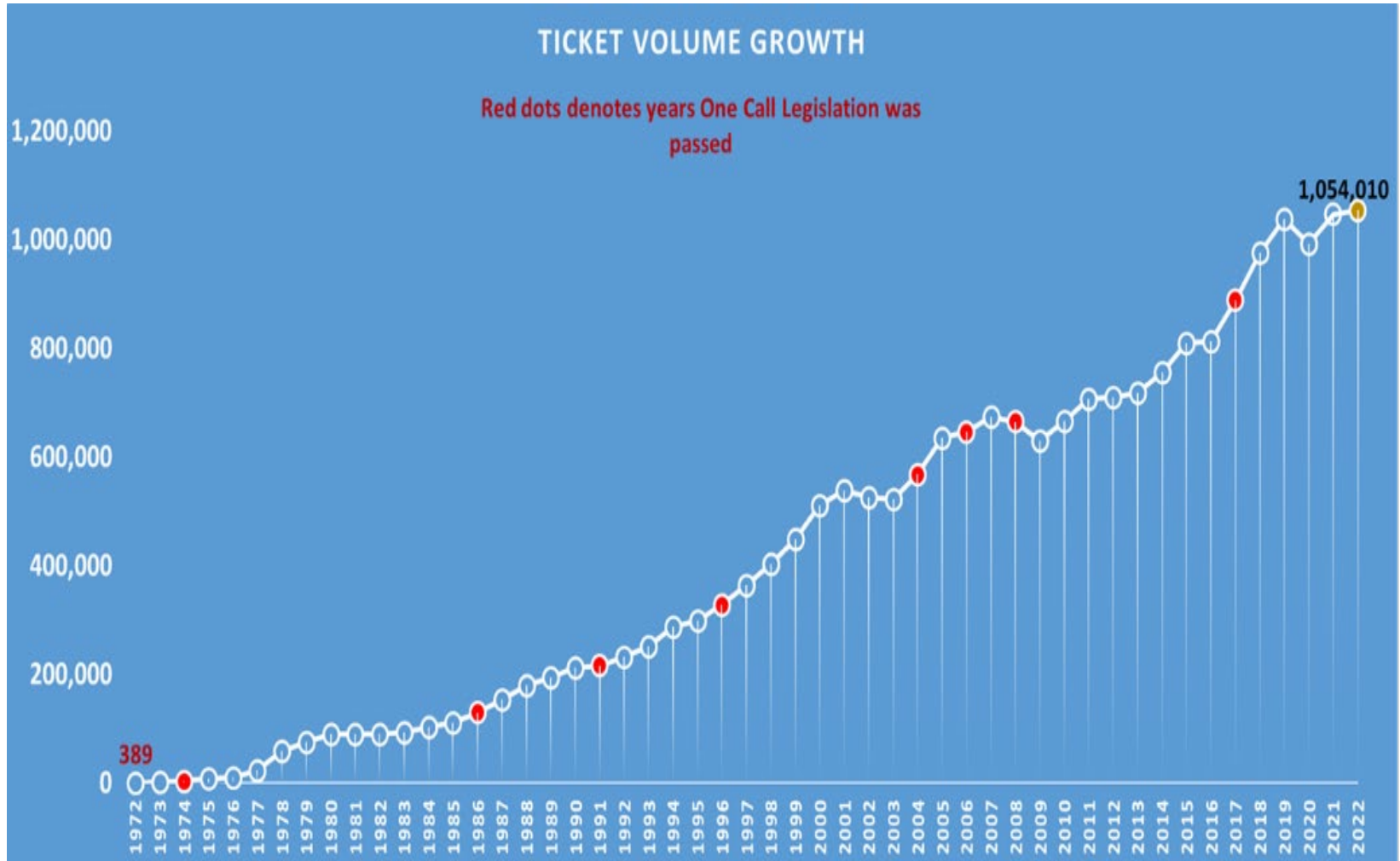
ANNUAL SERVICE FEE COLLECTIONS



NET REVENUE BY PRIMARY FACILITY TYPE



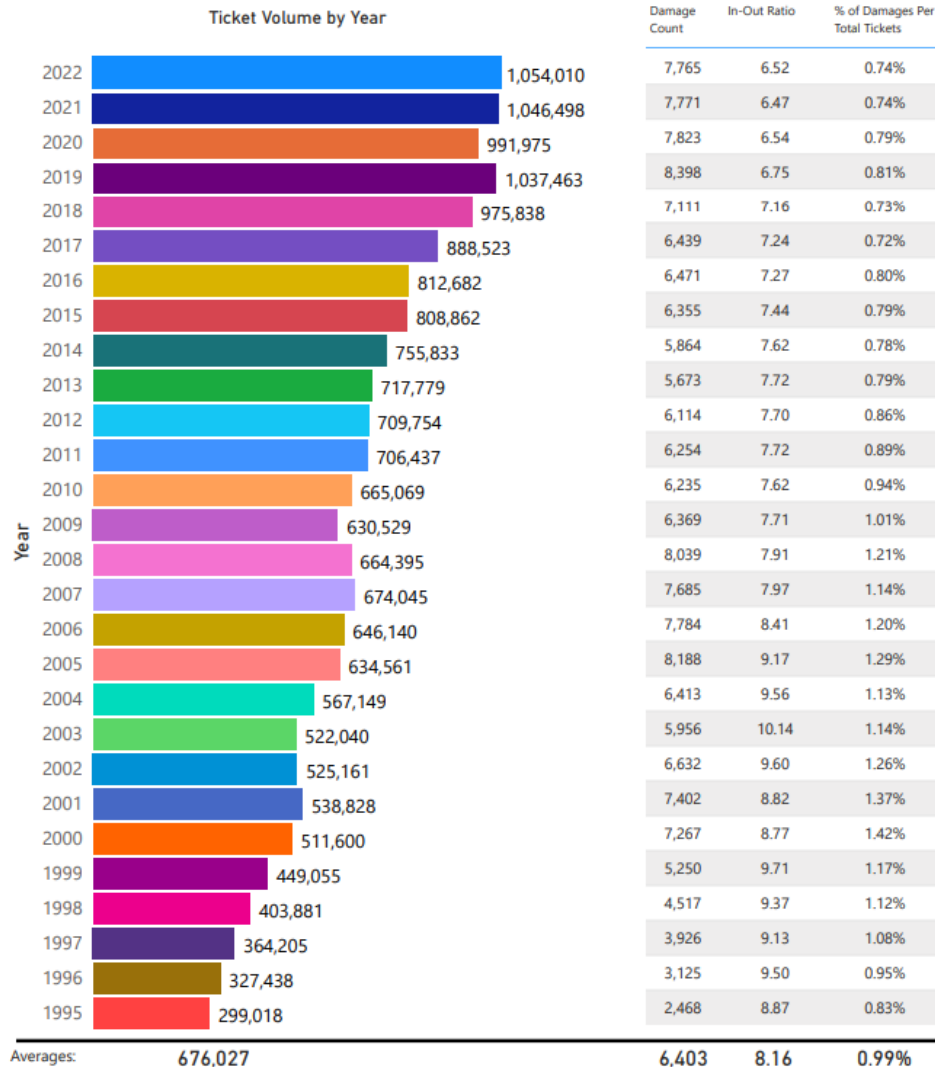
2022 Pennsylvania 811 Operations



2022 Pennsylvania 811 Damage Statistics



Damages Reported to PA One Call as a Percentage of Total Tickets 1995 through December 2022



Pennsylvania 811 Complex Project Process

For All Pennsylvania Underground Complex Excavation Projects i.e., “Complex Projects”

- Notification to Pennsylvania 811 shall not be less than ten business days in advance of the beginning of excavation or demolition work.
- All Pennsylvania 811, Preliminary and Final Design, and Complex Projects notifications shall be prepared via **Pennsylvania 811 Coordinate PA (CPA) Web Application**

Pennsylvania 811 Coordinate PA (CPA)

What is Coordinate PA?

It's The Next Generation of Utility Coordination

Coordinate PA enables users to add and/or import existing projects, find opportunities with others who want to coordinate and collaborate, share project documents and communications with designated contacts, and notify facility owners and other contacts at any phase of a project.

Pennsylvania 811 Coordinate PA (CPA)

- Free web based application
- Coordinate PA is a secure repository
- Add project contacts and permissions
- Design Drawing Exchange
- Virtual maps with different map base options
- Import moratorium data
- Share future project information at the user's discretion allowing you to communicate and document electronically
- Provides opportunity for Project Owners/Designers to **Communicate, Collaborate, Coordinate, and Cooperate** on future and current Complex Projects

Pennsylvania 811 Coordinate PA (CPA)

- Share project information with stakeholders months or even years in advance
- Supports clear communication between stakeholder groups during project discussions
- Identify project collaboration opportunities
- Save money for all parties
- Improve the level of service to constituents
- Assists users in complying with Act 287 as amended
- Allows users to Manage **“COMPLEX PROJECTS”**

Pennsylvania 811 Design/SUE Process

All Complex Projects begin with a Pennsylvania 811 Design Notification via CPA

- **Act 287, as Amended specifies that the Project Owner or their designee shall:**
 - To utilize *sufficient quality levels of Subsurface Utility Engineering (SUE) process* or other similar techniques whenever practicable to properly determine the existence and positions of underground facilities when designing known **Complex Projects** having an estimated cost of four hundred thousand dollars (\$400,000) or more, Since 2006.

Pennsylvania 811 Design/SUE Process

- **Project Owner or their designee, and the Designer must follow:**
 - The new **ASCE Standard 38-22** that stipulates the utility investigation standards, and mandates that all the utility investigations takes place under the **direct responsible charge of a Designer/Project Owner**
 - The new **ASCE Standard 75-22**, Standard Guideline for Recording and Exchanging Utility Infrastructure Data, specifies the essential element for recording and exchanging utility infrastructure data

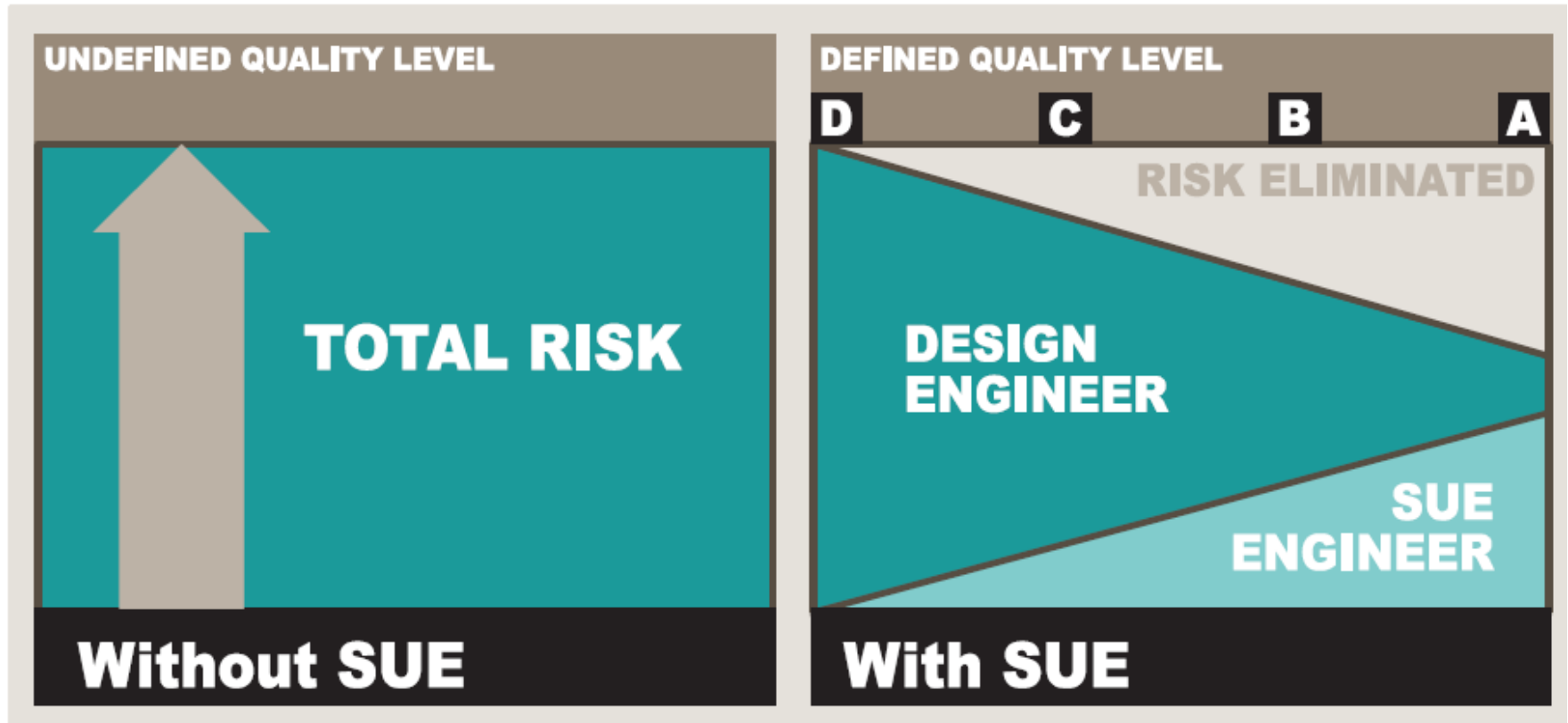
What is SUE?

What is Subsurface Utility Engineering (SUE):

It is a Engineering “Process”

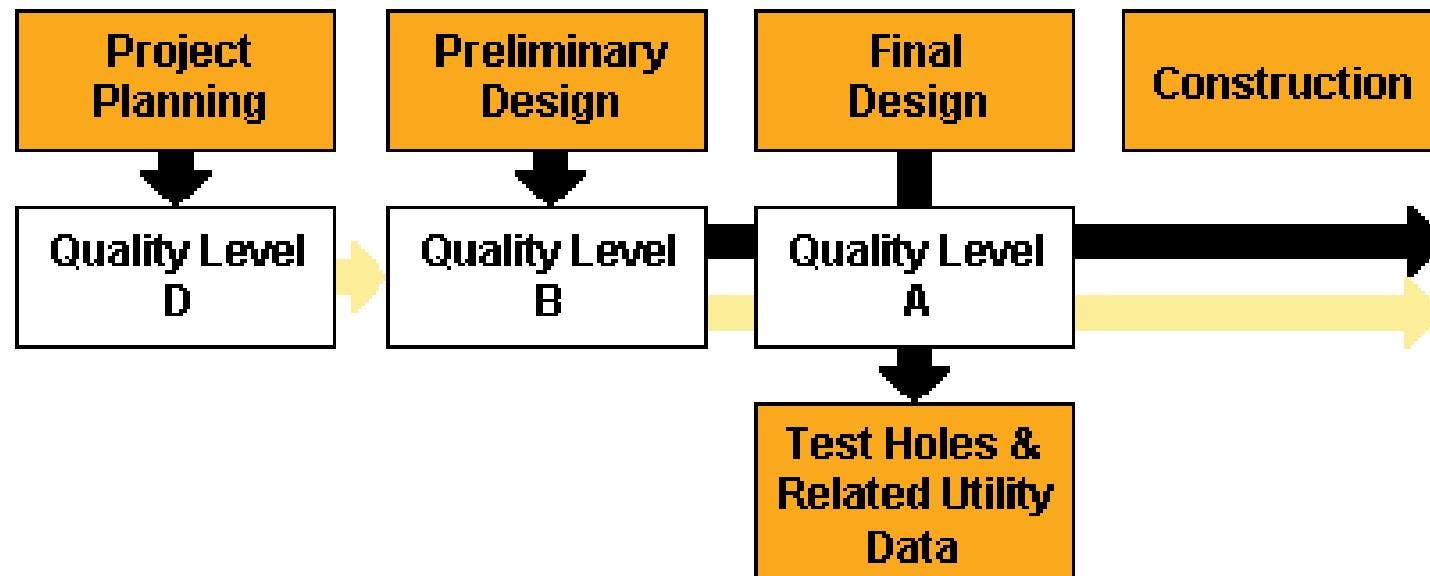
A *branch of engineering practice* that involves managing certain risks associated with utility mapping at appropriate quality levels, utility coordination, utility relocation design and coordination, utility condition assessment, communication of utility data to concerned parties, utility relocation cost estimates, implementation of utility accommodation policies, and utility design.

Pennsylvania 811 Design/SUE Process



Pennsylvania 811 Design/SUE Process

Four ASCE 38-22 Quality Levels Summary



Pennsylvania 811 Design/SUE Process

- **All Designers shall:**

To request the line and facility information prescribed by section 2(4) from the One Call System, via **Coordinate PA**, not less than ten nor more than ninety business days before final design is to be completed i.e., **Final Design Notification**

This clause is not intended to prohibit designers from obtaining such information more than ninety days before final design is to be completed; however, they shall state in their requirements that such work is preliminary i.e., **Preliminary Design Notification**

Pennsylvania 811 Design/SUE Process

- **Preliminary Design Notification**

- Designers **may** request line and facility information ***more than ninety days*** before final design is to be completed, however, they shall state in their requirements that such work is preliminary.
- Is the phase in which general project location and design concepts are determined. It includes all that is necessary to conduct an alternatives analysis and review process properly.



Pennsylvania 811 Design/SUE Process

- **Designer shall:**

To forward a copy of the project plans to each facility owner who requests a copy. If a designer is unable to provide a copy because of security of the project or proprietary concerns regarding the design or the project, the designer shall negotiate in a timely manner with the facility owner the means of obtaining the necessary data.



Pennsylvania 811 Design/SUE Process

- **In the Final Design, the Designer shall:**

To make a reasonable effort to prepare the construction drawings to avoid damage to and minimize interference with a facility owner's facilities in the construction area by maintaining the clearance as provided for in the applicable easement condition or an eighteen-inch clearance of the facility owner's facilities if no easement restriction exists.



Pennsylvania 811 Design/SUE Process

Final Design

- "**Final design**" means the engineering and construction drawings that are provided to a bidder or other person who is asked to initiate construction
- During the final design phase of the **detailed engineering and construction drawings (electronic and hard copy) of all physical components of the project are produced**



Pennsylvania 811 Design/SUE Process

- **Designer shall:**

To show upon the drawing the position and type of each facility owner's line, derived pursuant to the request made as required by clause (2), and the name of the facility owner as shown on the list referred to in section 3.



Pennsylvania 811 Design/SUE Process

- **Project Owner or their designee, and the Designer shall:**

To not release to bid or construction any project until after **Final Design** is completed.

To furnish the pertinent data obtained through **Subsurface Utility Engineering (SUE) per ASCE 38 and ASCE 75** to the One Call System in a mutually agreeable format.



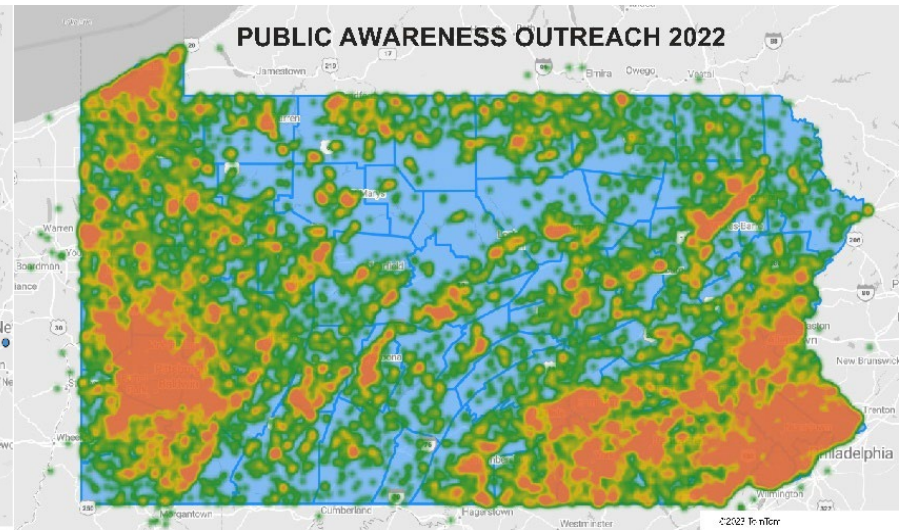
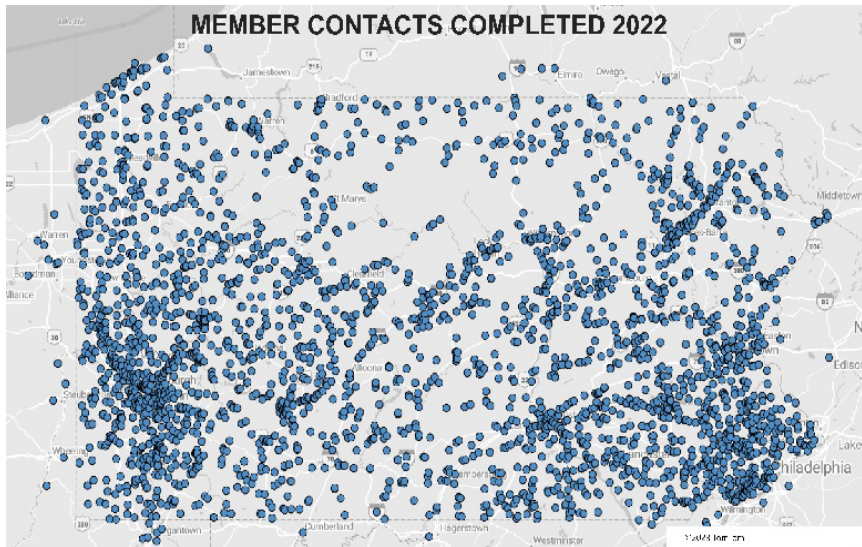
Pennsylvania 811 Education & Marketing Outreach

- Education:
 - Both Live (In-Person) and Virtual (On-Line)
 - Formal Training for Excavators, Locators, Designers, and Project Owners
 - **Attending Preconstruction and UCC Meetings**
 - Participating in various meetings with underground stakeholders
 - First Responder Training
 - Member Contacts
- Marketing:
 - Direct Mailings
 - Digital Marketing i.e. Facebook & Twitter
 - Excavation Safety Guide
 - dp-PRO Monthly Newsletter

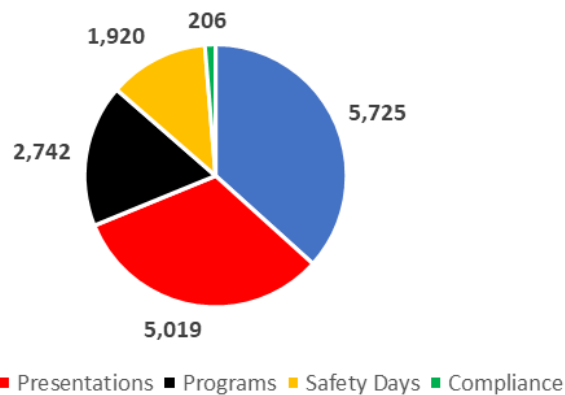


Liaisons attended 212
"Complex Project"
Meetings with 1,734
attendees.

2022 PA One Call Education Outreach

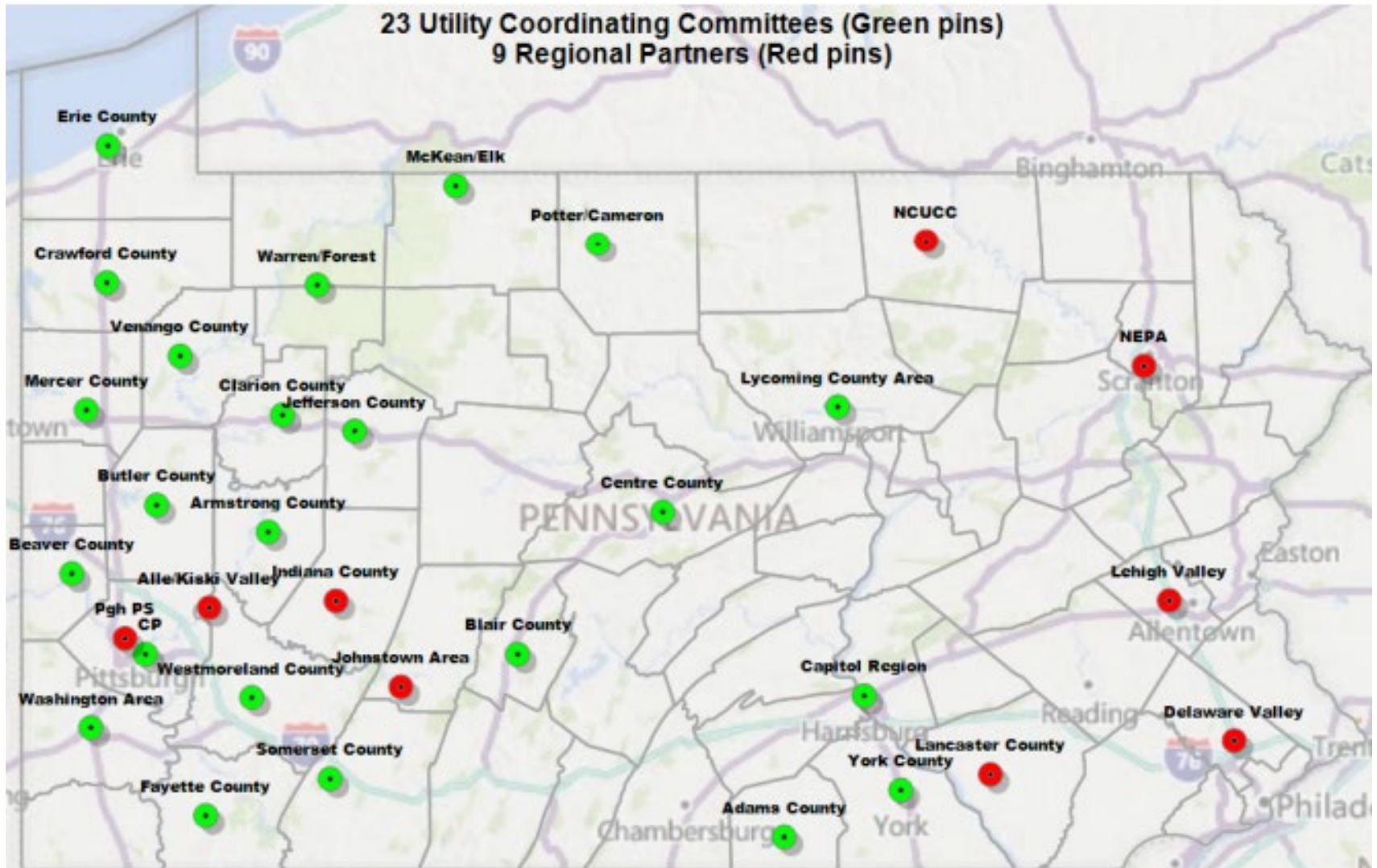


Education & Training Attendees

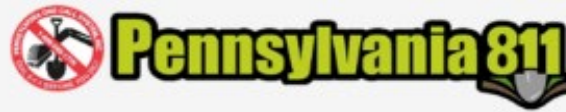


54 % of the Meetings attended by Liaisons were for "Complex Projects"

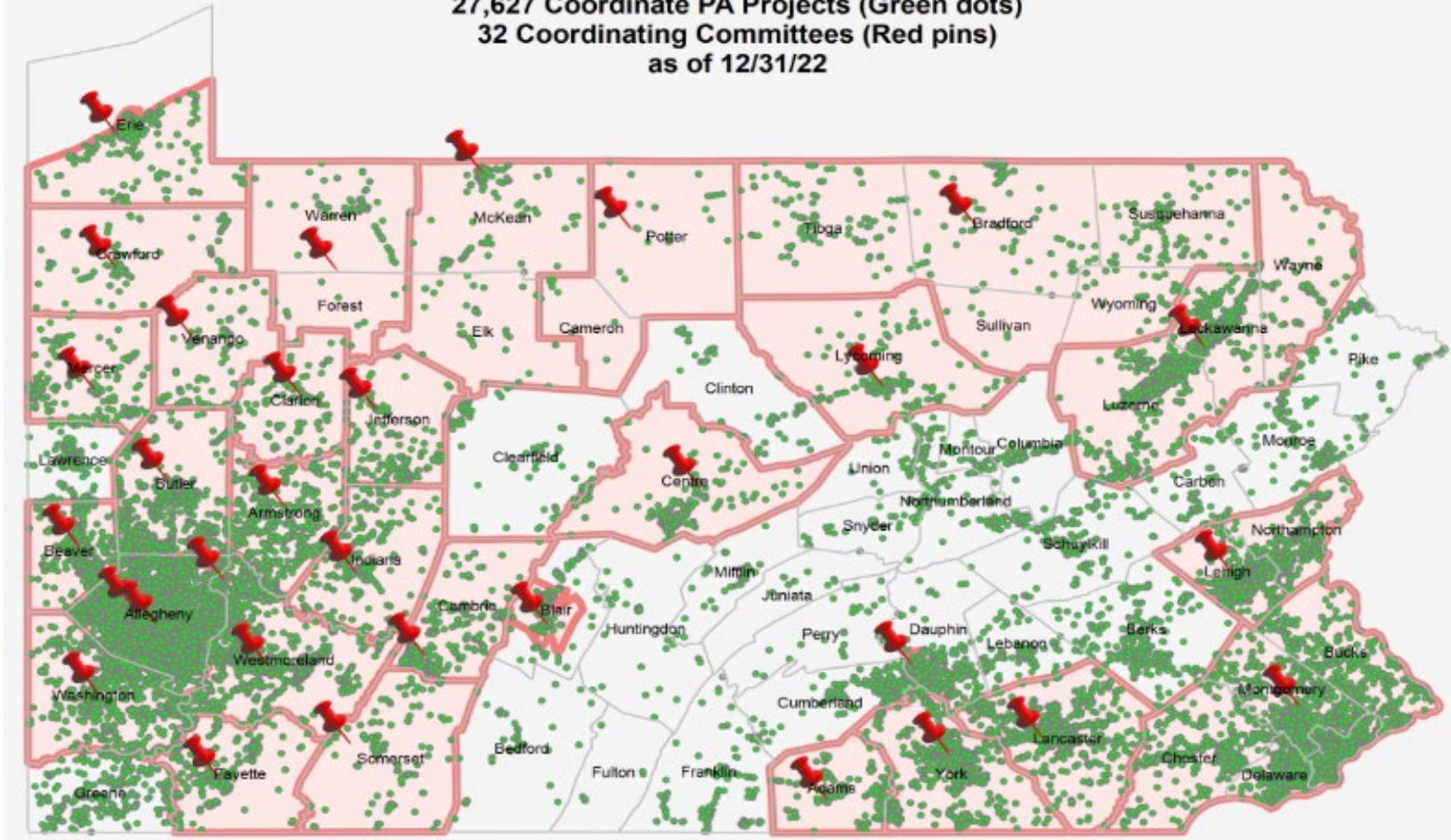
Pennsylvania UCC's & Regional Partners



Pennsylvania 811 Complex Projects & UCC's



27,627 Coordinate PA Projects (Green dots)
32 Coordinating Committees (Red pins)
as of 12/31/22



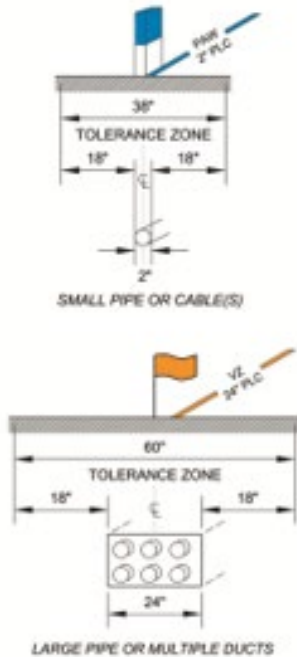
Pennsylvania 811 Contacts

Pennsylvania One Call System Contacts

Bill Kiger	President & CEO	412-464-7111	
Ellen Kiger	Vice President & COO	412-464-7115	
Sherry Harim	Director – Member Services & Accounting	412-464-7116	
Jonathan DeMoss	Director – Technology	412-464-7150	
Linda Covelli	Manager – Operations	412-464-7110	
Kelly Pearl	Manager – Member Services & Accounting	412-464-7106	
Norm Parrish	Manager – Education	484-366-6647	
S. Robin Johnson	Compliance Coordinator	412-464-7127	
Penny Modrick	Executive Secretary	412-464-7118	
Donna Williams	Business Analyst	412-464-7119	
Marcos Bernal	Supervisor – Education	412-999-8009	
Mark Lipka	Supervisor – Education	570-939-7042	
Brandon Dujmic	Liaison Representative (Southwest)	412-427-0112	
Erica Dominick	Liaison Representative (Southwest)	814-615-7047	
Kevin Goldblum	Liaison Representative (South Central)	717-487-0797	
Kirk Kirkpatrick	Liaison Representative (Northwest)	814-572-8113	
Greg Danks	Liaison Representative (Southeast)	215-834-2069	
Ryan Parrish	Liaison Representative (Southeast)	610-906-5137	
Blaire Prough	Liaison Representative (Central)	717-602-5976	
Jim Reynolds	Liaison Representative (Southeast)	215-859-2868	
Maria White	Liaison Representative (Northeast)	570-954-3545	
			Administrative Offices 800-248-1786
			Accounting 412-464-7137
			Education 412-464-7136
			Member Services 412-464-7168
			KARL Response System 800-222-6470

Our purpose is to prevent damage to underground facilities. To promote safety, we provide an efficient and effective communications network among project owners, designers, excavators, and facility owners.

Questions?



TEMPORARY MARKING GUIDELINES	
PROPOSED EXCAVATION	
TEMPORARY SURVEY MARKINGS	
ELECTRIC POWER LINES, CABLES, CONDUIT AND LIGHTNING CABLES	
GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS	
COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUITS AND TRAFFIC LOOP	
POTABLE WATER	
RECLAIMED WATER, IRRIGATION AND SLURRY LINES	
SANITARY AND STORM SEWER LINES	