



2016

CARCGA

Incident Event Report

An incident event is the occurrence of excavator downtime, damages, near misses and other violations. In 2013, AB811 added a requirement in California Government Code Section 4216.6 that statewide information voluntarily provided by operators and excavators regarding incident events would be compiled and posted on the regional notification centers Internet Web sites.

Of the 250 companies registered with California Regional Common Ground Alliance (CARCGA) Virtual Private Damage Information Reporting Tool (aka California 811 Virtual Private DIRT), 34 companies provided incident event information.

There was a 4% increase in the number of tickets taken in California in 2016 over 2015.

2016 information showed a marked increase in the number of incident events. However, this should not necessarily be seen as a larger increase in damages. Reporting of incident events is voluntary and a new stakeholder group reported their events this year. The number of incident events that are damages remains at 99%. (Graph 1)

The number of events that have a ticket has been increasing from year to year, 2014 had 37% of events with tickets, 2015 had 45% and 2016 had 53% of the events had a ticket. (Graph 2).

2016 data had 105 duplicate entries – reports with the same date of incident and same location but with different stakeholders reporting or the same stakeholder reporting but a different type of facility damaged.

With the addition of a new stakeholder group reporting data, 2016 had 97% of its events input by either natural gas or locator stakeholder groups. (Graph3).

Contractors were the largest excavator type to get a ticket but they were also the group that represented 50% of the incident events without a ticket. (Graphs 4 & 5)

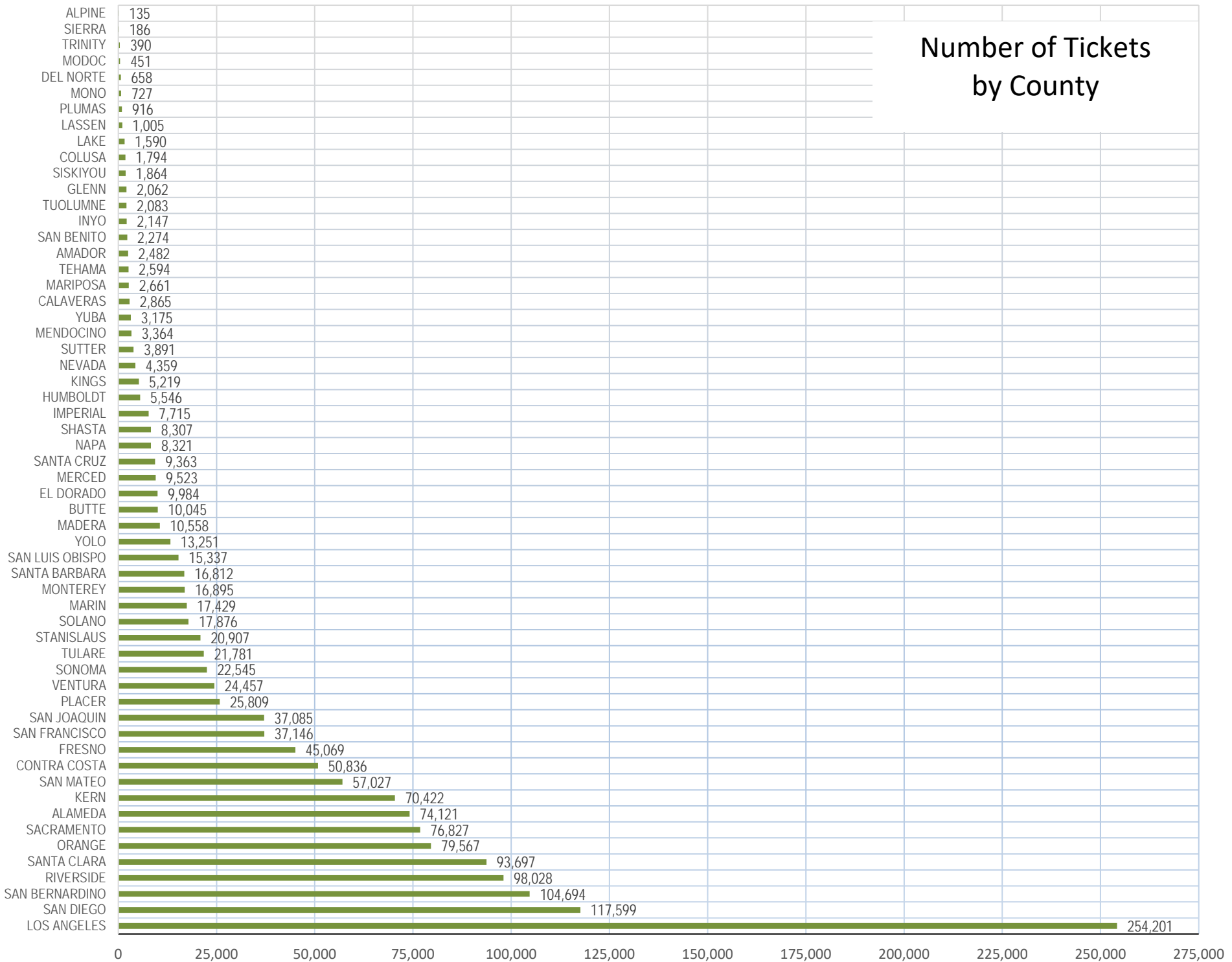
Half of the incident events did not collect data for the right of way where the incident event occurred, but of the other half 25% was on private property and contractors represent 78% of the excavator type on private property. (Graph 6)

In the 3rd year of for the DIRT program, no notification made to the center is still the number one root cause of incident events. While “no notification to the one call center” is still the number one root cause, 53% of the incident events in 2016 had a ticket. (Graph 7)

A look at the type of working being done without a ticket shows fencing, sewer and landscaping as the largest percentages of the records where data was collected. (Graph 8)

As more information is provided into the California 811 Virtual Private DIRT, the more statistically relevant the conclusions will be. However, records that include “data not collected” skew analysis of type of excavator, where the work was taking place and type of working being done. The more accurate information the reporting parties can provide the better the conclusions. The adage of GIGO (garbage in garbage out) is truly shown when “data not collected” is supplied. Educating those that report to collect as much information as possible that is requested on the DIRT form will aid in better analysis in the future.

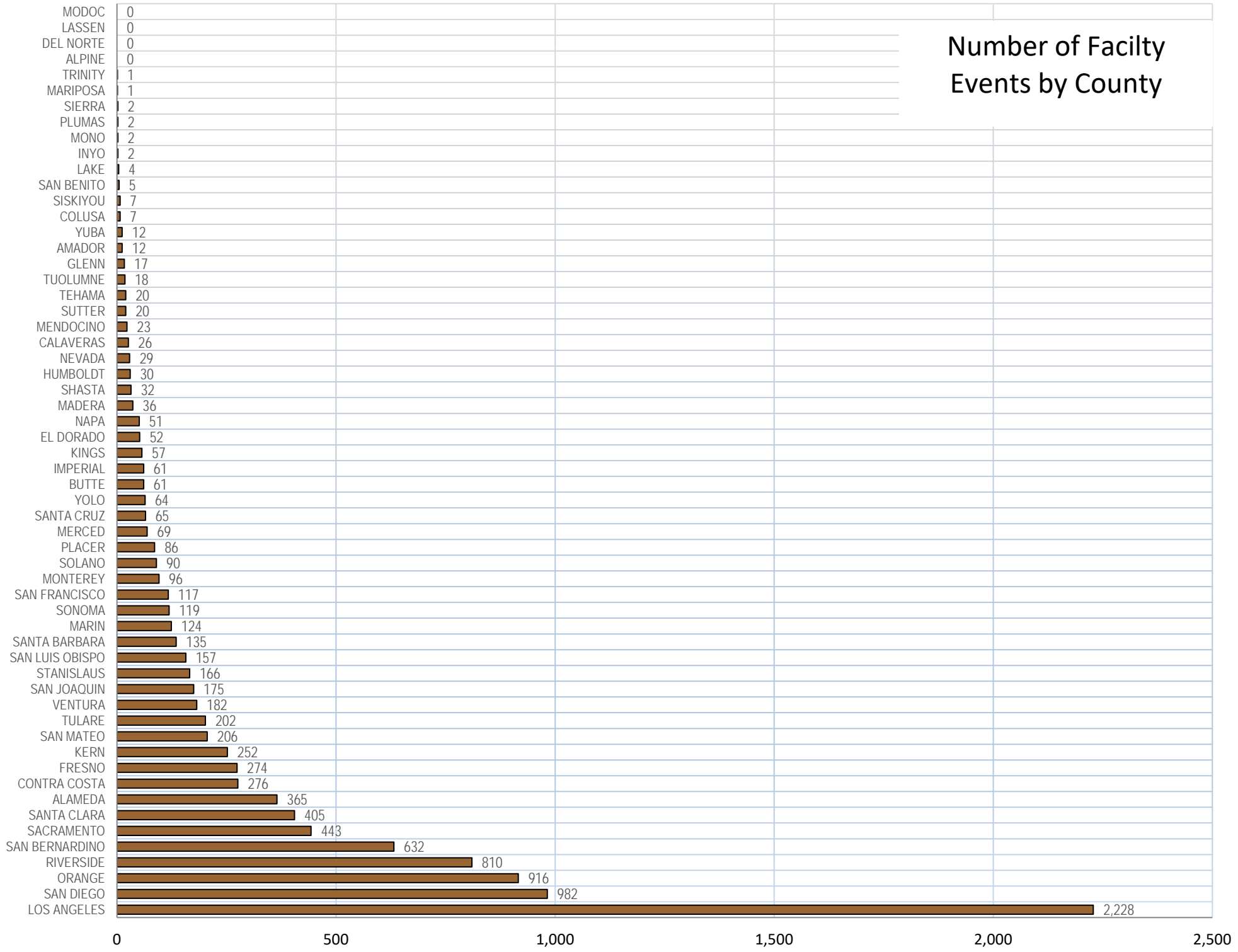
Number of Tickets by County

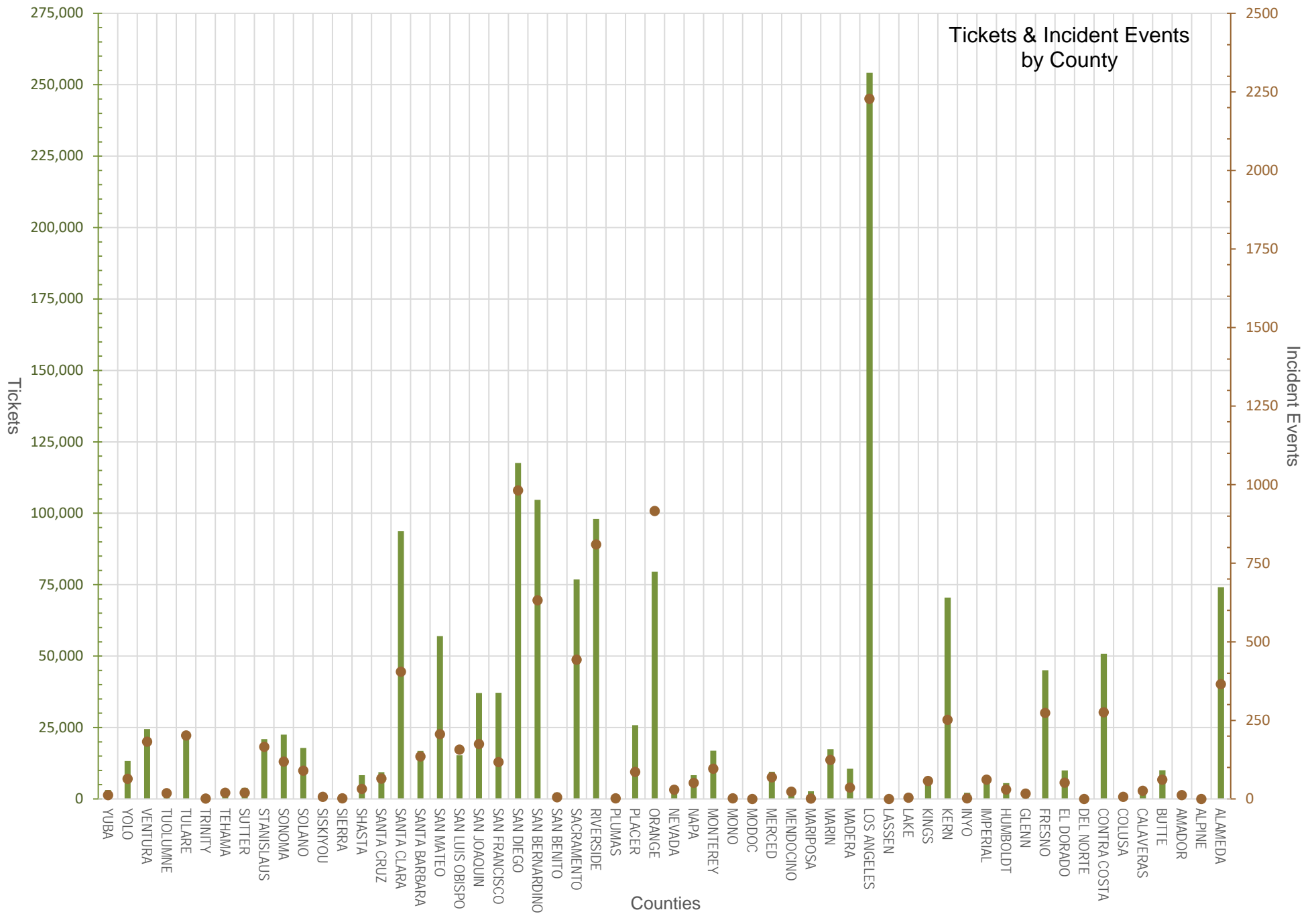


2016 Distribution of Incident Events



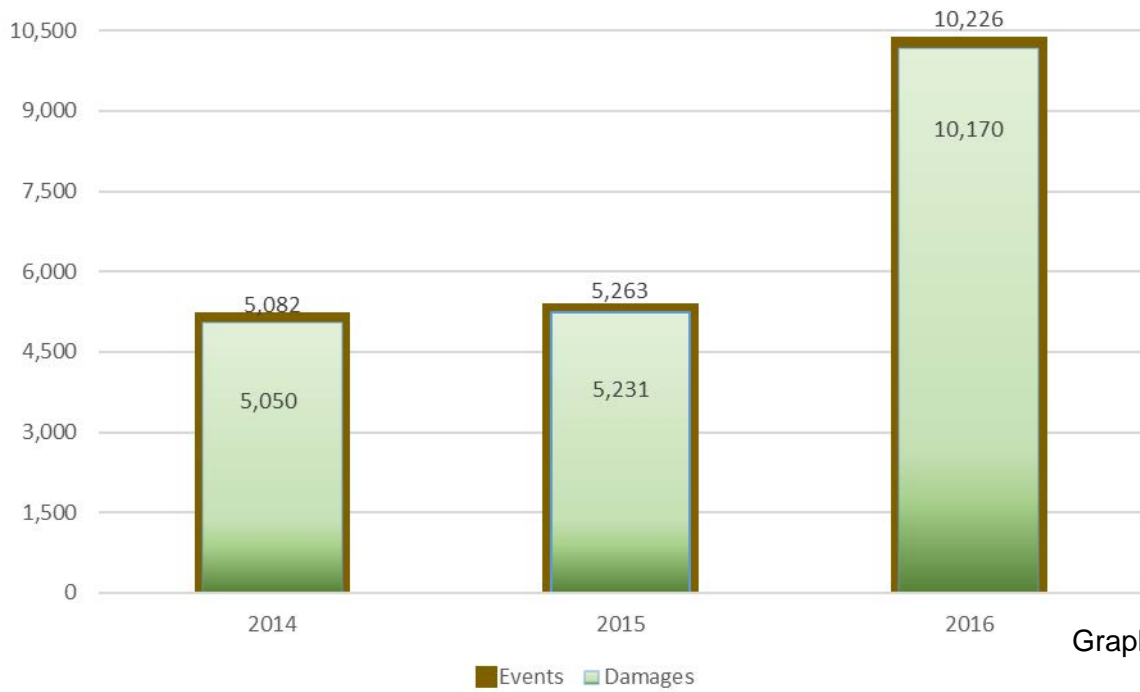
Number of Facility Events by County





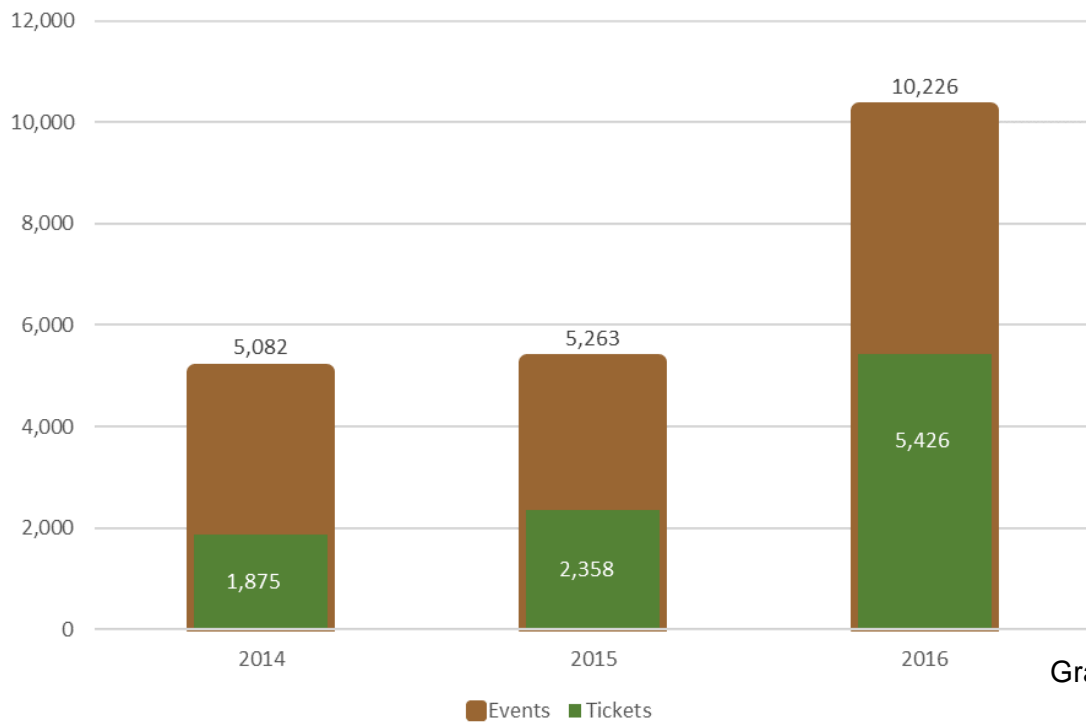
■ Tickets ● Incident Events

Incident Events & Damages Reported



Graph 1

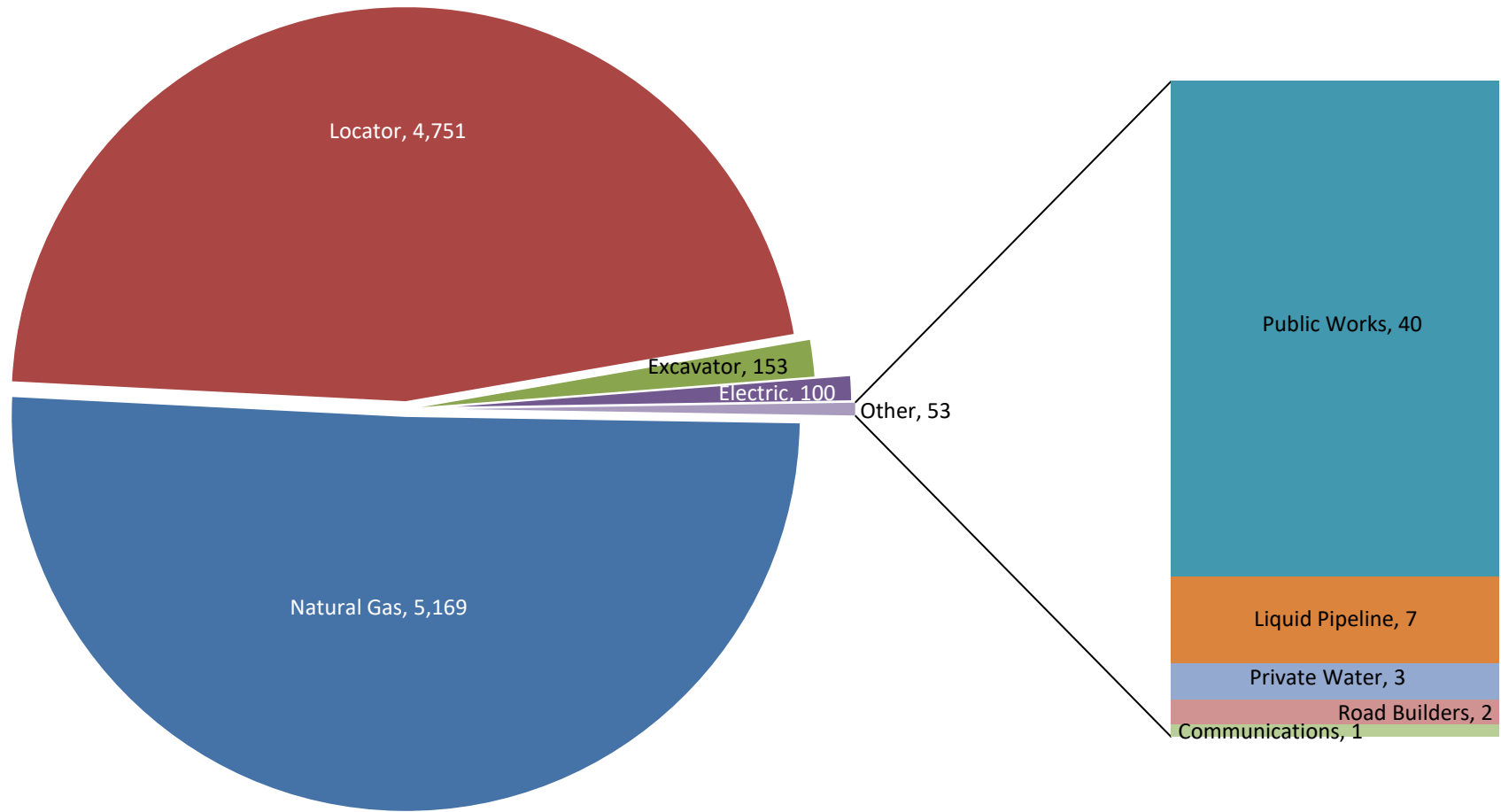
Incident Events with Tickets



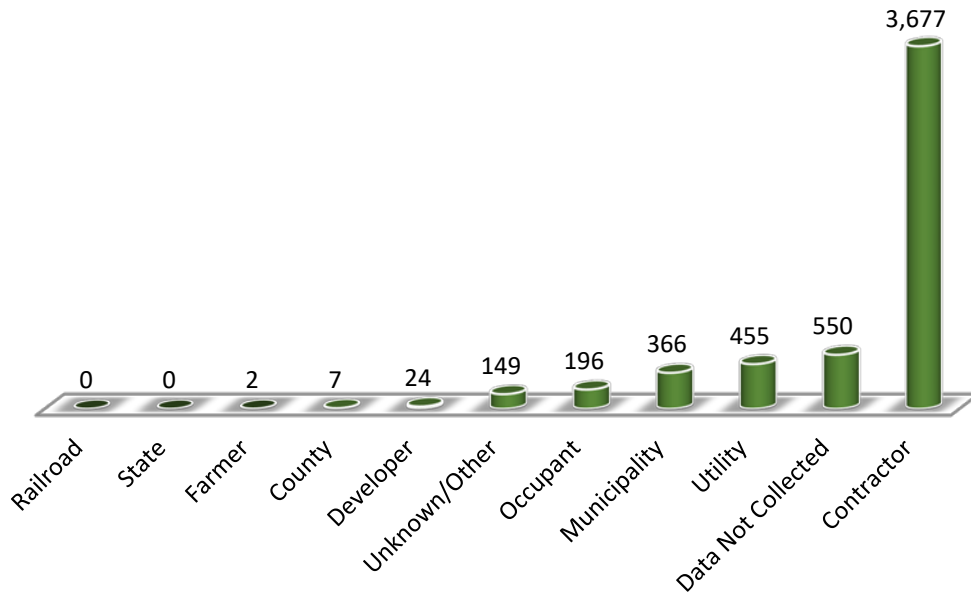
Graph 2

2016 Reporting Stakeholder Distribution

Graph 3

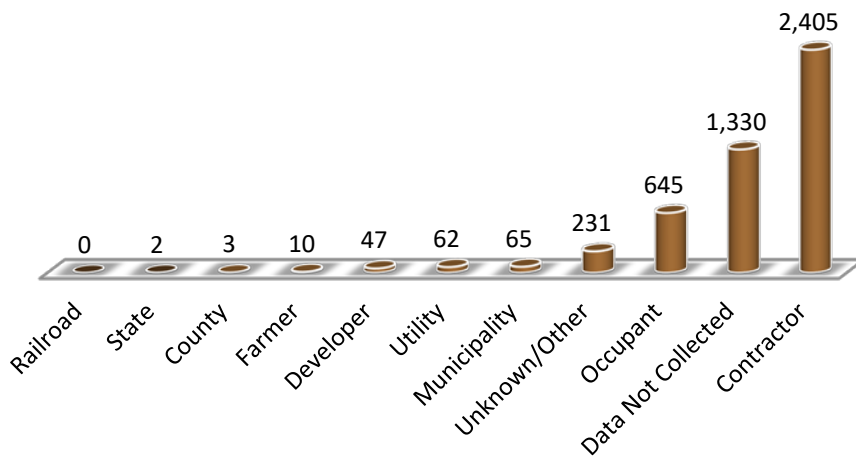


Incident Events with Tickets by Excavator Type



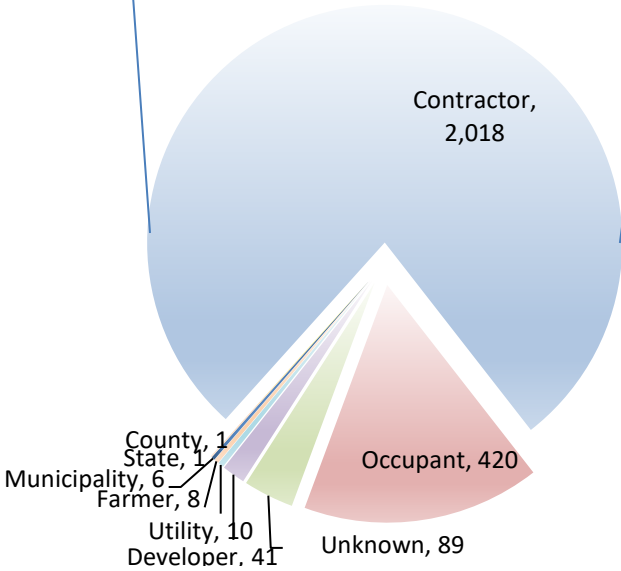
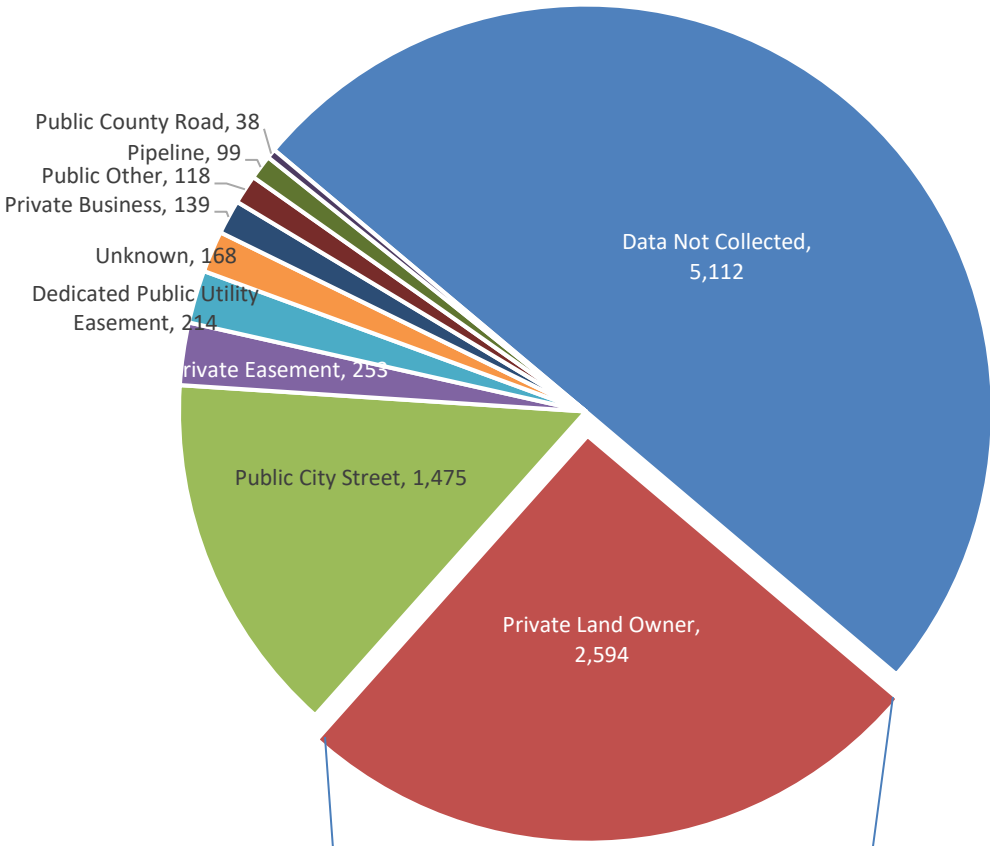
Graph 4

Incident Events without Tickets by Excavator Type



Graph 5

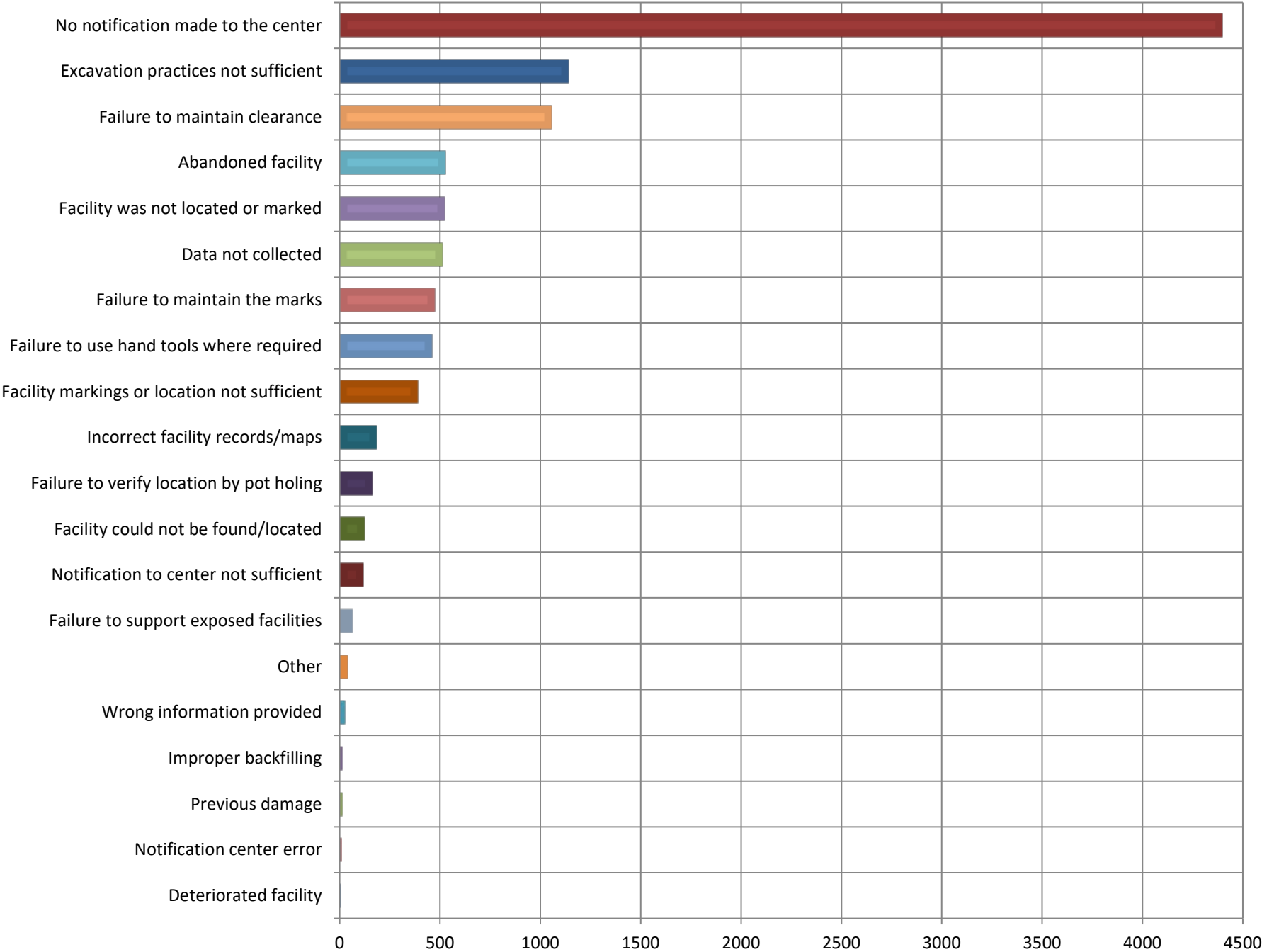
Right of Way Where Incident Events Occurred



Graph 6

Excavator Type on Private Property

Distribution of Root Causes



Type of Work Being Done - No Ticket

Graph 8

