



Idaho National Laboratory

CGA

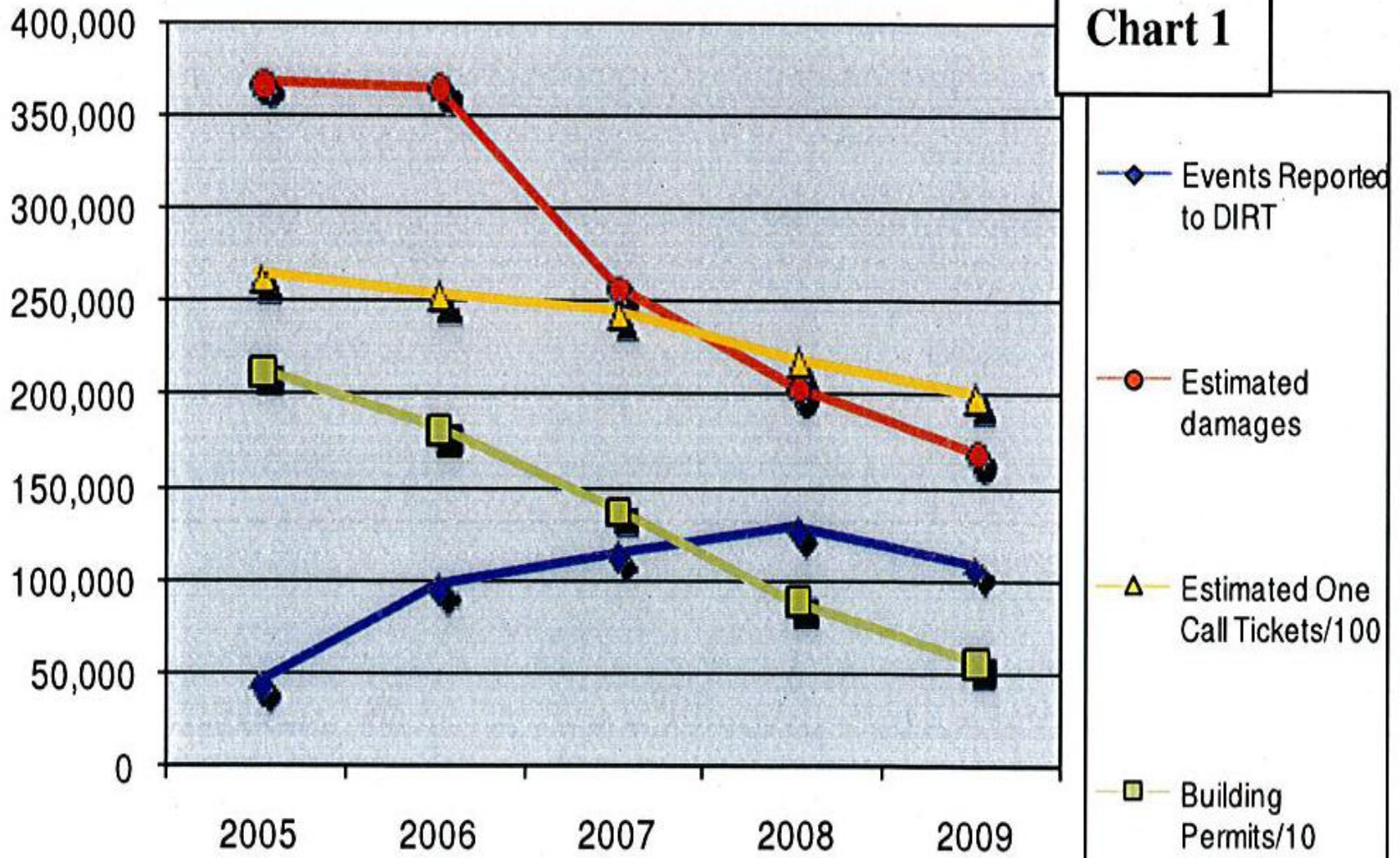
COMMON GROUND ALLIANCE

2009 DAMAGE REPORT STATISTICS

DAMAGE EVENTS REPORTED 2009

- **In the United States 115,232 damage events submitted to DIRT in 2009, 15% less than in 2008 which is attributed to economic condition and less construction activity. It's estimated that this figure is closer to 350,000 if all damage was reported.**

Chart 1



(All data for United States Only)

TYPE OF EXCAVATION EQUIPMENT

- **64% of incidents involved a Hoe (backhoe/trackhoe)**
- **16 % involved Hand Tools in 2008, increased to 21% in 2009**
- **20% involved other type of equipment, including air excavators**

ROOT CAUSES FOR HITS

- **Excavation Practices Not Sufficient** **15.4%**
- **Notification Not Made** **2.5%**
- **Locating Practices Not Sufficient** **77.5%**
- **Notification Practices Not Sufficient** **1.9%**
- **Miscellaneous Root Cause** **2.7%**

ROOT CAUSE DETAIL

LOCATING PRACTICES NOT SUFFICIENT

- Utility Was not Located or Marked 59.3%**
- Utility Marking or Location not Sufficient 38.9%**
- Incorrect Facility Records/Maps 1.9%**

NEAR MISS EVENTS

- **1128 Submissions in 2007**
- **1808 Submissions in 2008**
- **2088 Submissions in 2009**

- **63% of the near miss events due to locating practices not sufficient.**
- **37% of the near miss events due to Utilities not located or Marked and Utility Markings not Sufficient**

SUMMARY

- **Nationwide the number one emphasis on damage reporting (hits) has been that *Locating Practices are not Sufficient.***
- **The number two emphasis is that the marking is not adequate.**
- **This is an indicator that investigators either don't have the knowledge/experience to utilize the locating equipment and/or aren't using the proper equipment.**
- **The INL has been fortunate to secure both knowledgeable/experienced investigators and state of the art equipment.**