

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Award Number:** DTPH56-09-G-PHPSO2 *[From Section 1.03 of your agreement]*  
CFDA Number: 20.720

**Project Title:** UNCC State Damage Prevention Grant *[From Section 1.03 of your agreement]*  
A program to help Colorado establish collaborative stakeholder efforts, implement more effective stakeholder communications, and target appropriate 811 awareness, education and training programs.

**Date Submitted:** August 20, 2009 *[Date of report submission]*

**Submitted by:** JD Maniscalco *[Who is submitting]*

**Specific Objective(s) of the Agreement**

*[Cut and paste from Section 2.03 of your agreement.]*

1. Create an administrative foundation for future compliance enforcement of state One-Call laws.
2. Develop a method of identifying and documenting damage prevention programs and activities around the state for use with the Damage Data Report, the Damage Prevention Report Card, and the Damage Prevention Portal.
3. Continue to promote the nine elements and support the Damage Prevention Action Team and Damage Prevention Councils.
4. Continue to support the Damage Prevention Action Team in its leadership role.
5. Support Damage Prevention Awareness Month in April 2009 with a statewide public awareness campaign.
6. Distribute Damage Data Report and Damage Prevention Report Card and encourage active participation of local community governance and regulatory agencies, including County Commissioners, City/Town Mayors, Public Works Directors, Permit Office Managers, the PUC, PHMSA, and OSHA.
7. Increase the number and involvement of Damage Prevention Councils in the state.
8. Provide some financial support for every Damage Prevention Council in the state.
9. Continue development of the Colorado Damage Prevention Portal to collect and provide additional damage prevention information to stakeholders.

**Workscope**

*[Cut and paste from Article III. Workscope of your agreement.]*

- A. *Element 2):* A process for fostering and ensuring the support and partnership of stakeholders in all phases of the program.
- B. *Element 5):* A process for fostering and ensuring active participation by all stakeholders in public education for damage prevention activities.
- C. *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.
- D. *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.

## PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

**Accomplishments for this period (Item 1 under Section 9.01 Progress Report: “A comparison of actual accomplishments to the objectives established for the period.”)**

*[How are you progressing on each of the items/elements provided in the “Specific Objectives” and “Workscope”? Start with an overall description followed by item-by-item or element-by-element detail if possible.]*

### **GLOSSARY OF TERMS:**

- PHMSA Pipeline and Hazardous Material Safety Administration** – an agency of the federal government that deals with regulatory oversight of the pipeline industry.
- EDPI Excavation Damage Prevention Initiatives** – a formal industry effort developed by a group of industry associations and stakeholders in 2006/2007 that identified and defined nine initiatives to support a successful damage prevention program.
- UNCC Utility Notification Center of Colorado** – the Colorado One-Call Center.
- DPC Damage Prevention Council** – a formal group of local stakeholders from one or more counties interested in discussing damage prevention issues, promoting public awareness, and developing and presenting stakeholder educational programs.
- DPAT Damage Prevention Action Team** – a formal group of dedicated individuals from the DPCs formed in 2007. These individuals are interested in discussing relevant damage prevention issues, directing and coordinating public awareness and damage prevention activities around the state and sharing the success of public awareness and damage prevention programs.
- PUC Public Utilities Commission** – an agency of the state government that deals with regulatory oversight of the utility industry.
- CGA Common Ground Alliance** – a member-driven industry association dedicated to ensuring public safety, environmental protection, and the integrity of underground facility and services.
- DIRT Damage Information Reporting System** – the web based damage information reporting system developed by UNCC and not owned and utilized by CGA.
- DP Damage Prevention** – an abbreviation used for reference to damage prevention activity.

### **Objective-1) Administrative Foundation for State Compliance**

The UNCC Grant Facilitator and UNCC Public Relations Administrator have had several meetings with the Denver Metro DPC to discuss a formal compliance program and damage prevention education program for stakeholders who are not in compliance with the law (i.e. excavating without a locate request, damaging a facility with a locate request, or a facility owner not registering as a member of UNCC). We are classifying this as a compliance program instead of an enforcement program. Compliance in this meaning refers to an effort to encourage the non-compliant stakeholder to become compliant with the law, whereas, enforcement refers to an ability to determine fault and assess regulatory or civil penalties. We discussed creating a “*contact, educate and track*” process utilizing the DP Portal (when complete in 2010) to allow any stakeholder to report and track a non-compliant stakeholder and to generate and mail a damage prevention compliance package. The packaged material would reinforce the legal compliance requirements, provide educational material such as the *Excavator Handbook*, require completion of a damage prevention education/safety program, provide 811 Awareness items (such as 811 decals and color code cards), and offer additional educational assistance to the company. Determining fault and assessing civil penalties would not be a component of the program until the DPCs could acquire legal authority to assess and recover civil penalties. Several compliance letters were drafted for review by legal council and members of the DPC.

Progress is slow without funding and dedicated staff to perform the necessary administrative and operational tasks. A compliance education program must also be developed or adopted and approved by UNCC, the DPCs and stakeholders. UNCC has legal authority to administer and conduct a *Damage Prevention Safety Program* for stakeholders who are not in compliance with the law. The current process requires the aggrieved party to refer the non-compliant stakeholder to the educational program. Several large facility owners currently conduct effective in-house compliance and education programs and have legal authority to recover civil penalties through the local court system. While some stakeholders have concerns with the program described above, we are working through these issues at this time.

## PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

This objective supports Workscope Elements 2 and 7.

- Future Activity:** Resolve concerns with UNCC membership. Develop a pilot program with several facility owners to contact, educate and track non-compliant stakeholders. UNCC will provide the administrative support for mailings and pay for postage and educational materials. Members of DPAT will develop the educational program. Our goal is to accomplish this by the end of 2009. If the pilot is successful and all concerns can be resolved in 2009, then we need to secure funding for the program for 2010. In 2010 we can integrate a more automated process on the DP Portal.
- Expected Completion:** December, 2009.

### **Objective-2) Document Damage Prevention Activities**

Members of the DPAT have discussed and identified information that can be collected to document public awareness and damage prevention activities conducted around the state. The UNCC Grant Facilitator and UNCC Public Relations Administrator are now manually compiling and documenting the damage prevention activity information for 2008 and 2009. This information will be incorporated into the 2009 Damage Data Analysis, the 2009 Damage Report, the 2009 Damage Prevention Report Cards and the Damage Prevention Portal in 2010. Table-2 on Page-6 provides a listing of 2009 activities for each DPC, but it is not inclusive of all stakeholder activity.

This objective supports Workscope Elements 2, 5 and 8.

- Future Activity:** Finish compiling and documenting activity for 2008 and 2009. This will include all activities for the existing 11 DPCs and the stakeholders in the 16 largest counties (about 85% of incoming ticket and damage activity). Work with DP Portal development team to integrate data into portal framework.
- Expected Completion:** December, 2009

### **Objectives-3 & 4) Support of EDPI, DPCs and DPAT**

The UNCC Grant Facilitator and UNCC Public Relations Administrator have met each month with the DPCs to promote and discuss the EDPI 9 Initiatives, grant objectives, grant project funding, and public awareness and damage prevention activities supported by the grant. We also facilitated the DPAT Spring meeting (March 20, 2009) to discuss and review progress of the damage prevention objectives, review and discuss individual county damage prevention activities, establish future direction, and present stakeholder awards based upon the 2007 Damage Prevention Report Card. Stakeholder participation in the DPAT Spring meeting involved leadership from 9 DPCs comprised of 44 individuals representing facility owners, locators, excavators, one-call staff and the PUC.

This objective supports Workscope Elements 2 and 5.

- Future Activity:** Continue meeting with DPCs through 2009. Facilitate second half of grant expenditures for DPC programs in August through December. Facilitate DPAT Fall meeting in October. Establish stakeholder awards for DPAT Fall meeting. Meet with DPAT in August to establish goals and requirements for PHMSA 2010 Grant. Write final report in March 2010.
- Expected Completion:** March, 2010

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Objective-5) Support Damage Prevention Awareness Month in April 2009**

The UNCC Grant Facilitator and UNCC Public Relations Administrator met with the DPAT and leadership from the DPCs from January through April to prepare for *Damage Prevention Awareness Month* in April 2009. Initially, the State Governor issued a formal state proclamation and that was soon followed by the County of Las Animas and the City of Trinidad issuing formal local proclamations.

The DPAT sponsored 2 special statewide 811 Awareness activities for *Damage Prevention Awareness Month*:

1. Suncor, a petroleum refinery and transmission facility owner, placed 811 Awareness placards on gas pumps in 50 filling stations around the Denver Metro area in April and May. Suncor funded this project.
2. Comcast Corp ran several hundred 811 Awareness commercials (Cable TV) and provided an internet presence on community pages in nearly every county in the state during April and May.

All of the seven DPCs undertook special 811 Awareness programs in their communities for *Damage Prevention Awareness Month*. Table-1 briefly summarizes these activities and their associated costs.

**Table-1**

<b>DPC</b>	<b>Damage Prevention Awareness Month Activity April 2009</b>	<b>Grant Funds</b>
DPAT	April Comcast Cable TV commercials around state, web presence	\$ 13,485.25
DPAT	April Suncor gas pump placards Denver Metro area	\$ 0.00
Denver Metro	community parade in Adams County, 811 promo items	\$ 1,358.03
Weld	town banner, yard signs around city	\$ 1,000.00
El Paso	town banner, yard signs around city, convenience store signs	\$ 371.77
Las Animas	2 proclamations, yard signs around city, tool rental store signs, radio PSA, newspaper PSA, community events	\$ 0.00
Mesa	yard signs around city, tool rental store booths and signs, radio PSA, newspaper PSA, Cable TV PSA (continuing through year)	\$ 1,540.40.
Four Corners	County fair booth in three counties	\$ 0.00
Western Slope	Cable TV and radio PSA in five counties, community events	\$ 1056.99.
<b>TOTAL</b>		<b>\$ 18,812.44</b>

Note that Las Animas County DPC and Four Corners DPC funded their programs. The PHMSA Grant funded \$18,812.44 for the damage prevention activity of the other five DPCs.

This objective supports Workscope Elements 2 and 5.

**Future Activity:** As a follow-up to the April Damage Prevention Awareness Month efforts, the DPAT will sponsor radio advertisement spots around the state in the fall. The 7 DPCs have also agreed to combine part of their efforts and sponsor additional Cable TV advertisement spots around the state in September.

**Expected Completion:** Complete in May, 2009

## PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

### **Objective-6) Distribute Damage Data Report and Damage Prevention Report Card to Community Leaders**

UNCC acquired the contact information for the County Commissioners and Public Works Directors in each of the 64 counties in Colorado. A damage prevention information package was prepared and mailed to each county. The information package coincided with Damage Prevention Awareness Month in April, 2009.

The damage prevention information package included:

1. an letter introducing Damage Prevention Awareness Month,
2. a brief explanation of the legal requirement for excavators to request locates and civil fines,
3. a brief explanation of the purpose of the 2007 Damage Prevention Report Card,
4. a list of 811 Awareness follow-up activities,
5. a link to the CGA 811 Media Kit
6. two CGA op-ed pieces
7. a suggestion to meet with or start a DPC in the county,
8. a suggestion to encourage local stakeholders to report facility damages,
9. a summary list of the county grades on the Damage Prevention Report Card,
10. the list of contacts for the DPAT and DPC leadership, and
11. 811 awareness promo items (Color Card, 811 decals, Excavator Handbook)

This objective supports Workscope Elements 2, 5 and 7.

**Future Activity:** As a follow-up, the information package will be sent again in the fall of 2009 and will include the 2008 Damage Prevention Report Card.  
**Expected Completion:** **Complete in May, 2009**

### **Objectives-7 & 8) Establish two additional DPCs in state and provide financial support through PHMSA Grant funding.**

Colorado started 2009 with seven DPCs and 2 Joint Utility Coordinating Committees (Cities of Aurora and Pueblo). Of the seven DPCs, two are CGA regional partners (Denver Metro and El Paso County). Four of the DPCs include stakeholders that represent facility owners and excavators within a single county (Weld County, El Paso County, Las Animas County and Mesa County). The remaining three DPCs represent stakeholders within multiple counties (Denver Metro-6 counties, Four Corners-3, and Western Slope-6). Both Four Corners and Western Slope represent primarily oil and gas pipeline stakeholders in the western 1/3 of Colorado. All but two of the seven DPCs (El Paso County and Mesa County) are funded by the members-stakeholders.

In the spring of 2009, the UNCC Public Relations Administrator worked closely with interested stakeholders and helped establish four additional DPCs in Colorado. These include: Larimer County DPC, Fremont County DPC, PEG DPC (Pitkin, Eagle and Garfield Counties), and Northwest Area DPC (Rio Blanco, Moffat and Routt Counties). Our goal was to establish two additional DPCs in 2009.

The 2009 PHMSA Grant provided \$40,000 for 811 Awareness and stakeholder education. Half of this amount was available during the spring of 2009 to support *Damage Prevention Awareness Month*. Of the initial \$20,000, \$14,000 was spent on a statewide mass media 811 Awareness program (Cable TV commercial spots and web presence). An additional \$5,471 was spent on local 811 Awareness and damage prevention activities by five of the seven DPCs. See Table-1 on Page-4 for a list of specific activities and associated costs. The remaining two DPCs funded their activities for *Damage Prevention Awareness Month*.

Table-2 on Page-6 lists the 811 Awareness activities, the stakeholder education programs, and the active compliance programs for each county down the page. The seven DPCs are listed across the top of the table. Under the name of each DPC is the list of counties within the service area of each DPC. The table indicates the different activities sponsored by each DPC. The two lines at the bottom of the table total the damage prevention activities and the compliance programs within the DPC service area. These seven

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

DPCs support 811 Awareness and damage prevention activities in 19 of the 64 counties in Colorado. With the four new DPCs, 22 counties are supported.

This objective supports Workscope Elements 2 and 5.

**Table-2**

Damage Prevention Council	Weld County	Denver Metro Area	El Paso County	Las Animas County	Mesa County	Four Corners Area	Western Slope
<b>COUNTIES SERVICED BY DPC</b>	Weld	Denver	EL Paso	Las Animas	Mesa	La Plata	Rio Blanco
		Adams				Montezuma	Garfield
		Jefferson				Ouray	Delta
		Arapahoe					Montrose
		Douglas					Moffat
		Broomfield					Mesa
<b>State Awareness Programs</b>							
State DP Proclamation	X	X	X	X	X	X	X
County Commissioner Report Card	X	X	X	X	X	X	X
Mass Media Cable TV	X	X	X	X	X	X	X
UNCC Excavator Handbook	X	X	X	X	X	X	X
UNCC Stakeholder Education	X	X	X	X	X	X	X
UNCC 811 Promo Items Color Code, Decals, Banners	X	X	X	X	X	X	X
<b>Local DP Education Programs</b>							
Industry Education							
Group Contractor Event	1			1		12	20
Group 1st Responder Event						12	20
Individual Contractor Meetings			3				
<b>Local 811 Public Awareness Events</b>							
County DP Proclamation				1			
Municipal DP Proclamation				1			
811 Mass Media Cable TV					1		1
811 Mass Media Radio				1	1		1
811 Mass Media Newspaper				1	1		
811 Community Parade	1	1					
811 Community Event/HomeShow		1		1		1	
811 Town Banner	1		1				
811 Gas Station Placards		1					
811 Yard/Park Signs	1		1	1	1		
811 Hardware Store Signs			1	1	1		
811 Public Postcards			1		1		
811 Decals(Auto/ToolBox)		1		1	1		
811 Promo Items		1		1	1	1	1
<b>Local Compliance Programs</b>							
Xcel Energy - Multiple Counties	X	X		X	X		X
Colo Springs Utility - 1 County			X				
Qwest Communications - Statewide	X	X	X	X	X	X	X
Comcast Cable - Statewide	X	X	X	X	X	X	X
Denver Metro DPC - In Discussion		?					
<b>Local DP Activities Count</b>	4	5	7	10	8	26	43
<b>DP Compliance Programs</b>	3	4	3	3	3	2	3

This objective supports Workscope Elements 2 and 5.

**Future Activity:** Continue funding 811 Awareness and stakeholder education activities in the fall of 2009 with the remaining \$20,000. Continue to meet and work with eleven existing DPCs. Continue to discuss forming additional DPCs with interested stakeholders.

**Expected Completion:** **Goal met in summer, 2009**  
Other support funding tasks December, 2009

# PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

## Objective-9) Continue development of the Colorado Damage Prevention Portal.



### Phase II: Portal Framework



#### Phase II of Damage Prevention Portal focus areas

- > Integration points with other systems, i.e. Colorado Virtual Private DIRT for Login Authorization & Authentication
- > Integration of Liferay Portal Server as the portal framework for increased stability, maintainability, reliability, and future add-ons
- > Data incorporation from Colorado Virtual Private DIRT, Norfield

#### Benefits & Advantages

- > Increased front-end server performance
- > Support, training, consultation and documentation is available
- > Portal framework software has committed engineering team
- > Application & Web Server flexibility for wider range of future support

#### Current Status

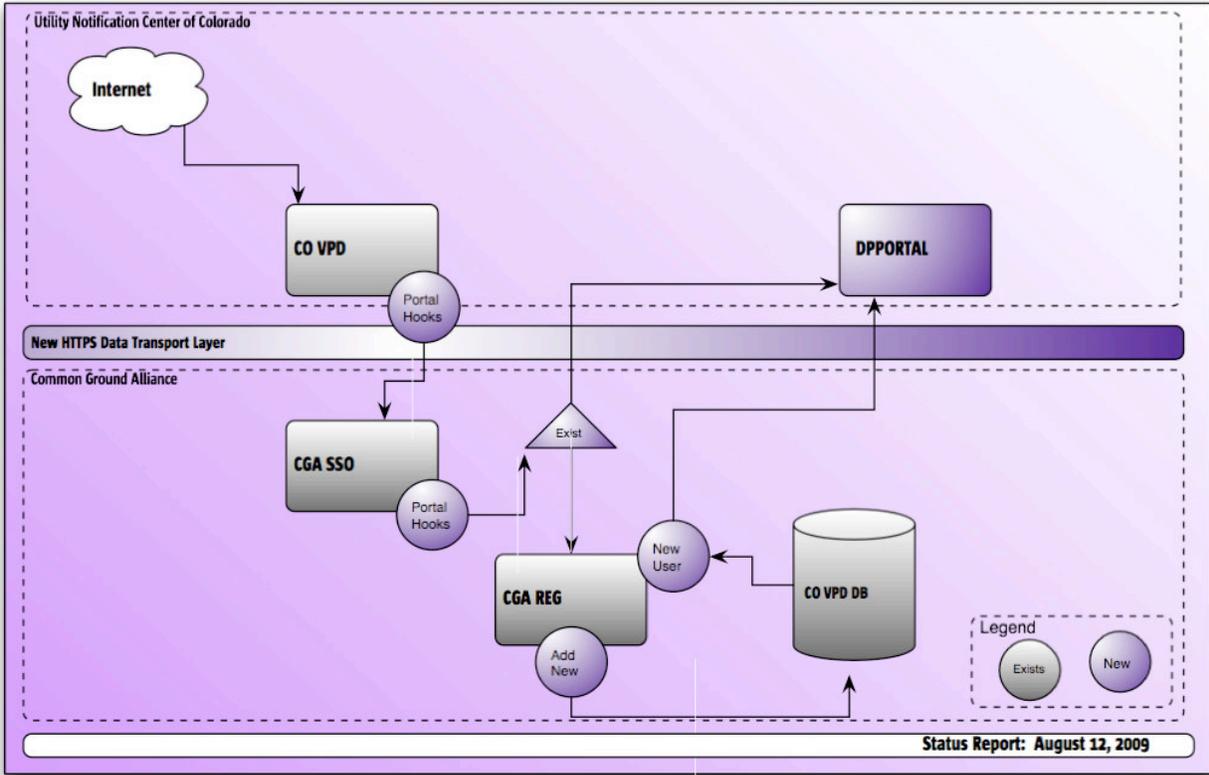
- > The Software Engineering Team is now integrating the portal framework into the UNCC architecture
- > Stabilization and ramp up on the framework are the key deliverables for August 2009
- > Integration linkage to Colorado Virtual Private DIRT user community (i.e. user community re-use) via Single Sign-On is being resolved
- > Phase I data integration into the new framework as a "Portlet" is expected to begin September 2009
- > Target for EOY 09 Early Access (EA) release remains

Status Report: August 12, 2009

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**



Phase II: DPPortal Authentication & Authorization



A portal is a web-based application that serves a gateway to users, providing a range of various high-level services. Our Damage Prevention Portal application will bring damage prevention stakeholders to a single location, allowing for activity planning and providing communication services without the necessity of meeting in person to exchange information. This will also permit progress reports to be shared across geographic boundaries. Samplings of services that web portal frameworks provide are those found on social networking sites, such as Facebook, Twitter and Igoogle. Our DP Portal includes plans for stakeholders to automate communications, schedule and track DP activities, share ticketing and damage prevention information (DIRT Damage Report and Report Card), and report progress on Damage Prevention Council activities. Our web portal effort will also share other information, provide learning opportunities and heighten 811 Awareness and damage prevention efforts.

This objective supports Workscope Elements 2 and 8.

**Future Activity:** Continue funding development of the DP Portal. Provide specifications for the DP Activity tracking and the Compliance program to developers.

**Expected Completion:** December, 2009. Additional work is required in 2010 on the DP Portal.

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Quantifiable Metrics/Measures of Effectiveness (Item 2 under Section 9.01 Project Report: “Where the output of the project can be quantified, a computation of the cost per unit of output.”)**

*[This is difficult to explain across the board, but we’re trying to get a gauge for how effective this grant work is in improving your program. If your grant is more data oriented, you likely had some sort of metrics in mind to improve upon. If so, what were those metrics and how is the data looking now compared to when the program started? If you’re doing something along the lines of enforcement that involves incident review, how many cases have you been able to review/close and/or fines collected compared to before the grant work? If you pitched something more along the lines of public awareness, to how many stakeholders have you been able to reach? Even if you don’t have the metrics fully defined, put whatever you can here.]*

**Overview of PHMSA funding of Damage Prevention Activities**

UNCC received PHMSA grant funding in 2008 (\$96,257 actual) and 2009 (\$100,000 expected). Table-3 categorizes the funding in three broad categories: A) DP Portal, B) Grant Facilitator, and 3) 811 Awareness. A brief explanation of each category follows.

- A) The *Damage Prevention Portal Software Development* activity has consumed \$54,000 of grant funding over two years. The DP Portal is not operational as of mid-year 2009 and is still under development. We anticipate that once it is fully operational in 2011 and in use by stakeholders it will:
  - 1) facilitate stakeholder communications and on-line communities,
  - 2) provide timely dissemination of DP damage data and analysis to the DPAT, the DPCs and other interested stakeholders,
  - 3) support the compliance program (contact, inform, and track) discussed in Objective-1 on Page-2,
  - 4) schedule and track 811 Awareness and damage prevention activities conducted by stakeholders.
- B) The *Grant Facilitator* activity promoted the EDPI Initiatives and the Damage Prevention Forum with stakeholders around the state in 2008 and 2009 and facilitated the formation of the Damage Prevention Action Team in 2008 with continued support in 2009 for a total cost of \$78,202.
- C) The DPAT and DPCs have utilized \$64,055 of grant funding over the two years to actively promote 811 Awareness and damage prevention programs around the state.

The efforts of the Grant Facilitator as well as the DPAT and DPCs to improve stakeholder communication and cooperation and increase 811 Awareness have cost a total of \$142,257 in 2008 and through 2009. These two efforts should have a direct impact on both the level of incoming tickets (811 Awareness) and facility damages (damage prevention). The DP Portal has had minimal impact on damage prevention activity as it is not operational.

The following pages will present data and metrics that will informally establish that these activities, and thus the PHMSA grant funding, have in fact had a positive and significant impact on reducing underground facility damages in Colorado.

**Table-3**

<b>PHMSA Grant Funds</b>	2008	2009	2009	<b>Total</b>
<b>Activity</b>	Actual	Actual	Expected	<b>2 Yr</b>
DP Portal Software Development	30,000	12,000	12,000	<b>54,000</b>
Grant Facilitator	39,390	15,000	15,000	<b>69,390</b>
Grant Facilitator Expenses	4,812	0	4,000	<b>8,812</b>
Statewide 811 Awareness Programs	0	13,485	12,188	<b>25,673</b>
Local DPC Support - 811 Awareness	22,055	5,327	11,000	<b>38,382</b>
<b>Activity Total</b>	<b>96,257</b>	<b>45,812</b>	<b>54,188</b>	<b>196,257</b>

## PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

### Review of Multiyear Statewide Damage Prevention Data and Metrics

To evaluate the effectiveness of a damage prevention program, we can ask two fundamental questions:

- 1) Is the *level of Public Awareness* of the legal requirement to call before you dig increasing?
- 2) Is the *level of Damage Prevention* decreasing the number of underground facility damages?

The *level of Public Awareness* can be measured by the number of incoming tickets received by the notification center. The *level of Damage Prevention* can be measured by the number of facility damages reported to DIRT. Most often, when ticket levels are increasing, damages will also increase. This increase results from increasing construction activity, often the result of a growing population and a growing economy that attracts new workers (or positive net migration). Increasing ticket levels are also driven by an increase in public awareness, the result of dedicated stakeholders and an active public awareness program.

It may appear that when both incoming ticket levels and damage levels are increasing, the public awareness program is effective and the damage prevention program is not effective. More appropriately, if ticket levels are increasing at a faster rate than damage levels, then both the public awareness program and the damage prevention program are effective. Conversely, if damage levels are decreasing at a faster rate than tickets levels, then the damage prevention program is effective. In this situation, we cannot know if the public awareness program is effective until we understand what is causing the ticket level to decrease; a decreasing population, a slowing economy, a drop in construction activity, or an ineffective public awareness program.

The problem with both of these measures is that they do not take into account changes in the population, the economy and construction activity. To properly evaluate the effectiveness of public awareness and damage prevention programs, these two measures must be normalized by the population, the economic level, and the construction activity. The population density as well as the commercial/residential building density also impacts the level of tickets and damages from one geographic area to another. **The key to finding a practical and useful measure of effectiveness is to establish a metric from these measures that removes the effect of changing demographic and economic conditions over the years.**

### Public Awareness Metric

One technique that can be used to derive the **Public Awareness Metric** is Multiple Linear Regression. A function can be established as follows: incoming tickets equal a function of (population + construction activity + net migration + population density) over multiple time periods. The actual data can be used to perform the regression analysis over multiple years. The regression analysis observes and models the changes in incoming ticket levels resulting from changes in the explanatory variables on the right side of the function. Given the historical pattern over the years, the data points, or incoming ticket levels, that lie above the regression line would indicate a higher *level of Public Awareness* than expected and data points that lie below the regression line would indicate a lower *level of Public Awareness* than expected. A similar technique is used to compare public awareness levels in a single year between the 64 counties in Colorado for the Damage Prevention Report Card. Unfortunately, this report does not provide the results of this method, but it will be discussed in greater detail in the final report in March, 2010.

As is common by many in the industry, we could report the ratio of incoming tickets over population and/or incoming tickets over permits during the past few years and determine the meaning of the change over time. Table-4 on Page-11 lists these numbers under the Demographics Section and the ratios under the One-Call Data Section. Note that from 2003 through 2008:

- 1) population increased by over 9%; nearly 2% per year,
- 2) housing permits decreased by 52%, with most of this decrease occurring from 2006 to 2008,
- 3) incoming tickets decreased by 29%, with a 12% decrease in each of the last two years,
- 4) incoming tickets per 1,000 population decreased from 172 to 112, a 35% drop, and
- 5) incoming tickets per housing permit increased from 20 to 30, a 49% increase.

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

The reduction in incoming tickets per 1,000 population was driven by a slow increase in population (9%) and a much faster decrease in tickets (29%). This ratio would naturally decrease (by 35%) and could be interpreted as a significant decrease in public awareness over the five years. This interpretation would be incorrect. During this time period, the large decrease in incoming tickets was being driven by a slowing economy, a financial credit crisis, and a bust in the housing industry. Housing permits alone decreased by 52%. It is only natural that the ticket level would also decrease if construction activity slowed down. Since incoming tickets did in fact decrease by 29% (but much less than the housing permit decrease of 52%), it is evident that other sectors of the construction and excavation industry (as measured by incoming tickets) were not decreasing as fast as housing permits. With incoming tickets decreasing at a slower 29% and housing permits decreasing at a faster 52% the ratio of incoming tickets per permit actually increased by 49%! This increase could be interpreted as a significant increase in public awareness over the five years, but it would also be incorrect. Again, the permits were dropping much faster than incoming tickets were dropping, causing the ratio to increase. This review of the relationships between these measures demonstrates that neither of the ratios should be used as an indication, or metric, of the *level of Public Awareness* and suggests that a better method should be developed. Again, further information will be provided in the Final Report on a better method.

**Damage Prevention Metric**

Fortunately, the **Damage Prevention Metric** is much easier to derive using a simple ratio. By taking the ratio of DIRT damages over incoming tickets, we have a metric that directly factors in the changing demographic and economic factors each year as discussed above. **This relationship assumes that the level of incoming tickets is in fact a function of changing demographic and economic factors. It also assumes that the level of damages would be consistently proportional to the level of tickets each year without an outside influence that would cause it to change.** These assumptions seem realistic and practical. Regardless of the changes in demographic, economic or public awareness activity, a ratio that is decreasing from year to year implies that the damage level is decreasing relative to the incoming ticket level. The simple assumption in this case is that damage prevention activity is the outside force causing the positive impact. All that remains is to verify that damage prevention activity is actually occurring to cause the change.

**Table-4**

DEMOGRAPHICS		*based upon the sum of county values, not the reported state value						
Land Area:	104,093	Square Miles				%Change	%Change	%Change
	2008	2003	2006	2007	2008	2003-08	2006-07	2007-08
Population:		4,583,430	4,813,536	4,908,108	5,013,015	9.4%	2.0%	2.1%
Population Density (per sq.mi.):		44.0	46.2	47.2	48.2	9.5%	2.2%	2.1%
Net Migration:		24,315	54,784	54,686	49,843	105.0%	-0.2%	-8.9%
Building Permits:		39,569	38,343	29,454	18,998	-52.0%	-23.2%	-35.5%
ONE-CALL DATA		Counties Reported						
Incoming Tickets:	64	788,314	727,039	643,630	563,041	-28.6%	-11.5%	-12.5%
Tickets / 1,000 Population	64	172	151	131	112	-34.7%	-13.2%	-14.4%
Tickets / Permit	64	20	19	22	30	48.8%	15.2%	35.6%
Facility Damages:	51	13,540	8,947	6,358	4,900	-63.8%	-28.9%	-22.9%
Telecom Damages	45	6,426	4,144	3,195	2,602	-59.5%	-22.9%	-18.6%
Nat Gas Damages	38	4,490	2,939	2,185	1,521	-66.1%	-25.7%	-30.4%
Electric Damages	24	1,666	1,497	635	472	-71.7%	-57.6%	-25.7%
Cable TV Damages	17	847	258	235	226	-73.3%	-8.9%	-3.8%
Other Damages	7	111	109	108	79	-28.8%	-0.9%	-26.9%
DAMAGE PREVENTION METRIC								
Damages / 1,000 Tickets:		17.2	12.3	9.9	8.7	-49.3%	-19.7%	-11.9%
Telecom Dam / 1,000 Tickets		8.2	5.7	5.0	4.6	-43.3%	-12.9%	-6.9%
Nat Gas Dam / 1,000 Tickets		5.7	4.0	3.4	2.7	-52.6%	-16.0%	-20.4%
Electric Dam / 1,000 Tickets		2.1	2.1	1.0	0.8	-60.3%	-52.1%	-15.0%
Cable TV Dam / 1,000 Tickets		1.1	0.4	0.4	0.4	-62.6%	2.9%	9.9%
Other Dam / 1,000 Tickets		0.1	0.1	0.2	0.1	-0.4%	11.9%	-16.4%

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

Objectives-3, 4, 5, 7 and 8, as discussed previously and detailed in Table-1 on Page-4 and Table-2 on Page-6, established that for at least 2008 and 2009, an increase in damage prevention and compliance activity was afforded through PHMSA grant funding and a number of facility owners in Colorado. There was certainly other damage prevention activity conducted by some of the 1,300 facility owner members of UNCC that has not yet been documented (Objective-2 on Page-3) for these years. This should substantiate that there was a sufficient *level of Damage Prevention* activity that could have had an impact on the number of damages and the ratio of damages per 1,000 incoming tickets. Does the data support that this funding and activity actually had an impact on reducing damages in Colorado?

Referring to Table-4 again under the One-Call Data Section, the number of damages decreased from 13,540 in 2003 to 4,900 in 2008, a 64% decrease. The decrease from 2006 to 2007 was 29% and the decrease from 2007 to 2008 was 23%. We have now seen that while incoming tickets decreased 29% over these five years, damages decreased 64%. More recently, from 2007 to 2008 tickets decrease 13% while damages decreased 23%. So **damages decreased 35% more (64% decrease less 29% decrease) than incoming tickets decreased from 2003 to 2008 and 10% more (23% decrease less 13% decrease) than incoming tickets decreased from 2007 to 2008.**

Under the Damage Prevention Metric Section of Table-4, the ratio of damages over 1,000 incoming tickets has decreased from 17.2 in 2003 to 8.7 in 2008, a 49% decrease. The decrease from 2006 to 2007 was 20% and the decrease from 2007 to 2008 was 12%. If we accept the two assumptions stated two paragraphs back, then this damage prevention metric meets the key requirement stated in the fourth paragraph of this section; **it removes the effect of changing demographic and economic conditions over the years and makes it a practical and useful metric to measure the *level of Damage Prevention*.**

**The fact that the *Damage Prevention Metric* has decreased over the past five years, and decreased significantly in the most recent two years, demonstrates the effectiveness of the PHMSA grant in improving the damage prevention efforts in Colorado.**

Table-4 also provides a breakdown of the damages and the *damage prevention metric* for each of the four facility types: Telecom, Natural Gas, Electric and Cable TV. There were not enough water, sewer or pipeline damages reported to provide a reliable metric for these facility types. The damage prevention metric for all four facility types has steadily decreased since 2003. We are especially pleased that there were only 2.7 natural gas damages per 1,000 incoming tickets in 2008, a 53% decrease since 2003.

**Cost Metric to Reduce Damages**

Another useful metric to measure is the cost associated with reducing the damages from 2007 to 2008. This exercise is tricky because it is very difficult to identify and collect all the costs that went into helping to reduce the damages. Let us consider three costs that can be measured easily and consistently:

- 1) the 2008 costs for the UNCC Public Relations Administrator,
- 2) the UNCC Public Relations budget, and
- 3) the PHMSA grant.

Unfortunately, we do not have the costs associated with the 811 Awareness and damage prevention activities of the other stakeholders in Colorado. This information may be incorporated into Objective-2.

2008 UNCC Public Relations Administrator - salary and expenses	\$ 75,000.
2008 Perspectives on Facility Damage (Annual DIRT Report)	\$ 10,000
2008 UNCC Public Relations budget	\$ 40,000.
2008 PHMSA Grant	<u>\$ 96,257.</u>
2008 Total 811 Awareness and Damage Prevention costs	\$ 221,257.
2007-2008 reduction in damages (6358 damages in 2007 – 4900 damages in 2008)	<u>1,458.</u>
Cost per reduced damages in 2008	\$ 152.

## PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

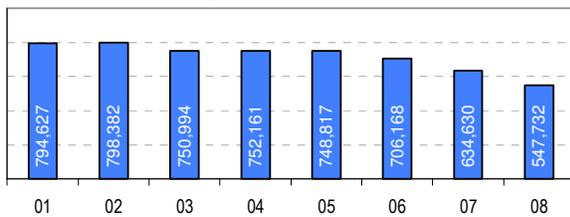
The \$152 cost per damage seems reasonable, but we do not have a similar metric from other states to make a direct comparison. We anticipate that the unit cost to reduce damages in future years will increase due to both inflationary concerns and the difficulty of influencing the attitudes and behaviors of the general public and the stakeholders who are unaware of damage prevention practices or unwilling to comply with the damage prevention laws.

Charts 1-13 illustrate the demographic, economic and One-Call data discussed in this section of the report. Note that Chart-1 shows incoming tickets began decreasing in 2003, while facility damages began decreasing in 2004, one year later. The Colorado One-Call Law was changed to require all-facility damage data collection and reporting starting in 2001. The annual damage reporting eventually made a large impact in the level of damages in 2004; tapering off by 2006. PHMSA provided grant funding in 2007 and 2008 for 811 awareness and the EDPI initiatives, helping stakeholders to significantly decrease damages in both 2007 and 2008.

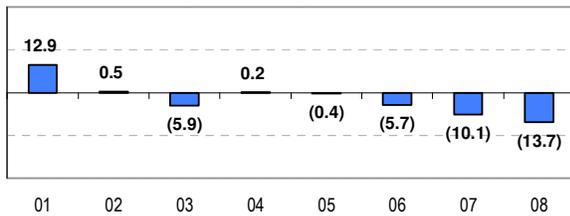
Note that there is a slight discrepancy in the population, permit, net migration and incoming ticket numbers reported in Table 4 and Charts 1-13. Table-4 uses the numbers that form the sum total of the 64 counties and the unadjusted incoming tickets in each county, while the charts use statewide annual data from a different source. The slight difference does not affect the trend of the data.

**Colorado Damage Prevention 2001-2008**

**Chart 1 # Incoming Tickets**

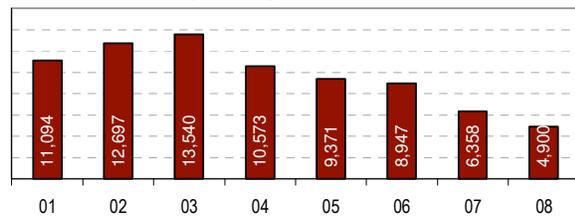


**Chart 2 % Change Incoming Tickets**

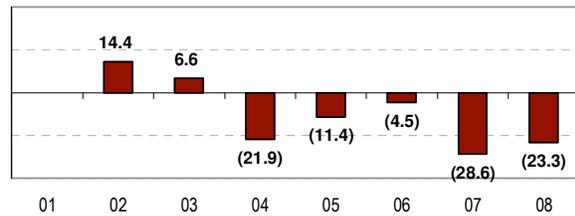


**Colorado Damage Prevention 2001-2008**

**Chart 3 # Facility Damages**

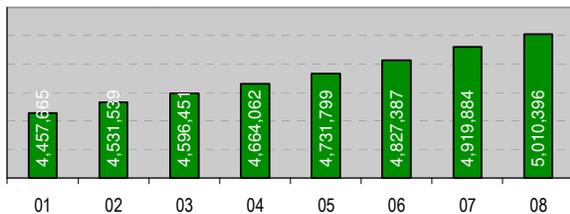


**Chart 4 %Change Facility Damages**

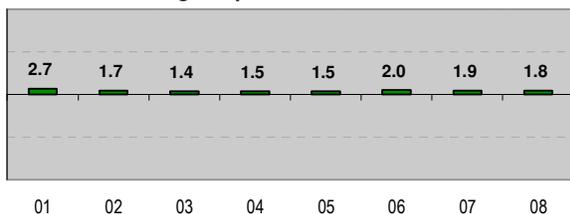


**Colorado Damage Prevention 2001-2008**

**Chart 5 # Population**

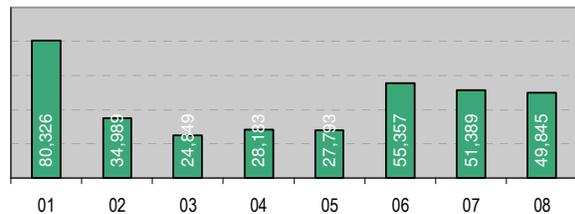


**Chart 6 %Change Population**

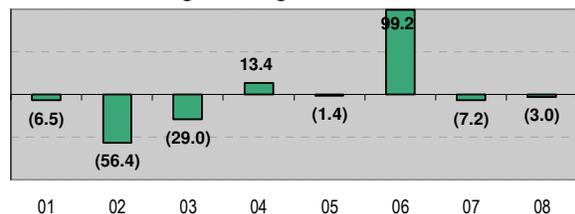


**Colorado Damage Prevention 2001-2008**

**Chart 7 # Net Migration**



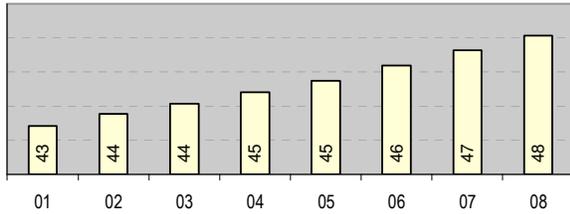
**Chart 8 %Change Net Migration**



# PHMSA 2009 State Damage Prevention Program Grant Mid-Term Report – FO#: DTPH56-09-SN-0001

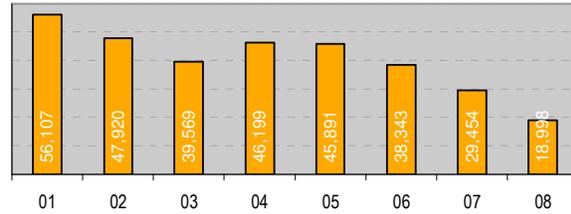
**Colorado Damage Prevention 2001-2008**

**Chart 9 # Population Density**

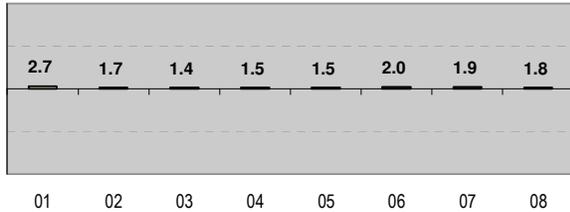


**Colorado Damage Prevention 2001-2008**

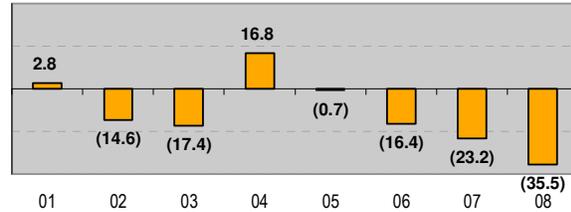
**Chart 11 # Permits**



**Chart 10 %Change Population Density**



**Chart 12 %Change Permits**



**Colorado Damage Prevention 2001-2008**

**Chart 13 Damages per 1,000 Incoming Tickets**

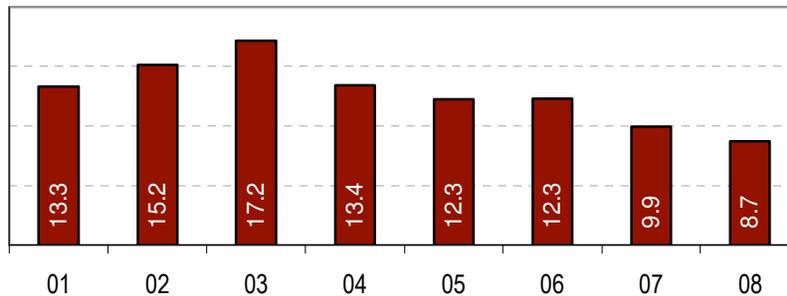


Chart-13 illustrates the *damage prevention metric* that was discussed earlier: damages per 1,000 incoming tickets. The trend of the ratio clearly shows the delayed impact of mandated damage reporting in 2004 and the impact of the PHMSA grant funding, the EDPI Forum, and the work of the DPAT and the DPCs in both 2007 and 2008.

We are investigating another interesting analysis that will be further developed in the Final Report in March, 2010. Table-5 on Page-15 lists the largest 16 of the 64 counties in decreasing population order down the table. Listed across the top of the table are columns for percent share and cumulative percent share of population, permits, incoming tickets and facility damages for each of these counties. The top 16 counties by population represent 89% of the population, 84% of the permits, 85% of the incoming tickets and 82% of the facility damages. Listed in the bottom portion of the table are the cumulative percent shares for the middle 32 and the bottom 16 counties by population. The bottom 16 counties by population represent only 1% of these four measures. When the additional damage prevention activity data is collected to complete Objective-2, we hope to show that there is a statistically significant difference between the top 16, the middle 32 and the bottom 16 counties in the *level of Public Awareness* and the *level of Damage Prevention* as measured by the metrics we have developed. We hope to also relate this to the grades on the Damage Prevention Report Card. If there is a statistical difference between the groups of counties that support 811 Awareness and damage prevention activities and those that don't, then we have data that may validate the premise that public awareness and damage

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

prevention activities help to reduce facility damages. Note that this will not justify the cost of the activities, only the end result of the activities.

**Table-5**

	County (Sorted by Population)	%Population	Cumulative %Population	%Permits	Cumulative %Permits	%Incoming Tickets	Cumulative %Tickets	% Facility Damages	Cumulative %Damages
1	Denver	12.1%	12.1%	16.7%	16.7%	7.3%	7.3%	6.6%	6.6%
2	El Paso	11.9%	24.0%	10.4%	27.2%	13.1%	20.4%	13.2%	19.9%
3	Arapahoe	11.2%	35.2%	9.3%	36.5%	9.9%	30.3%	10.3%	30.1%
4	Jefferson	10.8%	46.0%	3.1%	39.6%	7.4%	37.7%	6.7%	36.9%
5	Adams	8.7%	54.7%	4.1%	43.7%	6.3%	44.0%	4.8%	41.7%
6	Boulder	5.9%	60.7%	5.4%	49.1%	5.4%	49.4%	3.4%	45.0%
7	Larimer	5.9%	66.5%	6.7%	55.7%	6.8%	56.2%	5.1%	50.2%
8	Douglas	5.7%	72.3%	7.3%	63.1%	7.0%	63.2%	6.1%	56.3%
9	Weld	5.0%	77.3%	5.2%	68.2%	8.3%	71.5%	6.0%	62.3%
10	Pueblo	3.2%	80.5%	2.2%	70.4%	2.9%	74.4%	5.2%	67.5%
11	Mesa	2.9%	83.4%	4.1%	74.5%	3.3%	77.7%	6.6%	74.0%
12	Broomfield	1.2%	84.5%	4.4%	78.9%	1.5%	79.1%	1.4%	75.4%
13	Garfield	1.1%	85.7%	2.1%	81.0%	2.0%	81.1%	2.7%	78.2%
14	Eagle	1.1%	86.7%	0.9%	81.9%	1.0%	82.1%	1.3%	79.5%
15	La Plata	1.0%	87.7%	1.8%	83.8%	2.7%	84.8%	1.6%	81.1%
16	Fremont	1.0%	<b>88.7%</b>	0.5%	<b>84.3%</b>	0.7%	<b>85.4%</b>	0.8%	<b>81.8%</b>
	<b>Top 16</b>	88.7%	88.7%	84.3%	84.3%	85.4%	85.4%	81.8%	81.8%
	<b>Next 32</b>	10.3%	99.0%	14.6%	98.9%	13.5%	99.0%	17.6%	99.4%
	<b>Bottom 16</b>	1.0%	100.0%	1.1%	100.0%	1.0%	100.0%	0.6%	100.0%
	<b>Total</b>	100.0%		100.0%		100.0%		100.0%	

**2008 DIRT Damage Report**

The 2008 DIRT Report – *Perspectives on Facility Damages* is attached. It provides additional detail about the facility damages and root causes as reported by facility owners in 2008. The report includes facility damage trending information from 2001 through 2008. The 2008 Damage Prevention Report Cards for each county are included along with a simplified explanation of how the grades are determined.

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Issues, Problems or Challenges (Item 3 under Section 9.01 Project Report: “The reasons for slippage if established objectives were not met. “)**

*[If the project is progressing on schedule, simply state that there are no issues, problems or challenge to report. If there have been delays for any reason, explain what they are and how that may impact the grant work. For instance, with some States, even after an agreement is in place, it has to be sent back to the Governor’s office for approval, which takes more time than originally anticipated. Even if work begins right away after the agreement is in place, other delays can be caused by personnel changes or simply having a better understanding of the effort required once the work is underway.]*

The DP Portal software is presently under reconstruction having recently adopted and migrated to the Liferay Portal Framework ([www.liferay.com](http://www.liferay.com)). The decision to adopt the Liferay framework and reconstruct came about with much consternation taking into account the delay in the expected deliverable to the stakeholder community. This is a very large and difficult undertaking for the development team of Table Mountain Partners, but they are confident a preliminary beta version of the DP Portal can be delivered by year-end 2009. Additional functionality, such as the compliance program, can be added in 2010. The new web portal infrastructure will provide integration and personalization to the many stakeholder communities; utilizing existing Common Ground Alliance technologies such as single sign-on (SSO) and integrating directly into Virtual Private DIRT. This new direction will better serve the current Colorado damage prevention community.

A portal is a web-based application that is a gateway to users, providing a range of various high-level services. This application will bring damage prevention stakeholders to a single location allowing for planning and communication activities without the necessity of meeting in person to exchange information. This will also permit progress reports to be shared across geographic boundaries. Samplings of services that portal frameworks provide are those found on social networking sites, such as Facebook, Twitter and Igoogle. Our Damage Prevention Portal (DPPortal) includes plans for stakeholders to share email, damage prevention information (DIRT Report Card), one call ticketing and progress on Damage Prevention Council activities. This portal effort will also share information, provide learning opportunities and heightening 811 awareness and damage prevention efforts.

All other objectives are progressing as scheduled without issue.

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Mid-term Financial Status Report**

*[Per the instructions in Section 9.03 of your agreement (included below), the financial status report should go to the Agreement Administrator (AA). For this section of the progress report, simply state “The mid-term financial report has been sent as a separate attachment to the AA.”. However, if there are any issues with the Financial Status Report or additional explanation is needed, please provide that information here. If there are any delays for whatever reasons, these should be communicated to the AA and AOTR in advance.*

*From Section 9.03 of your agreement: “During the performance of the grant, the Grantee must submit a mid-term Financial Status Report, Standard Form 269 (SF-269), to report the status of funds. In addition to SF-269, the Grantee should provide the break down of costs for each object class category (Personnel, Fringe Benefits, Travel, Equipment, Supplies, Contractual, Other, and Indirect Charges). This report must be submitted to the AA in electronic form via e-mail no later than [refer to your agreement for date.”]*

The mid-term financial report has been sent as a separate attachment to the AA.

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Plans for next period (remainder of grant)**

*[In most cases, this section should just mention your plans for the remainder of the project. However, if you need to change the workscope at all for any reason, including whether you need to modify, remove, or add items, please explain.]*

**Please refer to the line labeled: Future Activity in each of the Objectives 1-9.  
The 9 objectives and the workscope have not changed.**

2009 PHMSA Grant - 2nd Half 2009 Planned Work and Expenses					
Purpose of Funding	Company	PHMSA Budget 2009	Amount Paid To Date 08/15/09	Funds Expected to be Spent	Planned Work
<b>Travel Expenses</b>					
Forum Facilitator Expenses	Barry Miller	\$4,000	\$0	\$4,000	NOTE: Travel expenses to support Facilitator have not yet been billed for 1st half
<b>Contract Services</b>					
Forum Facilitator	Barry Miller	\$30,000	\$15,000	\$15,000	<b>Complete Objective 1</b> - Compliance process, develop pilot program, develop education program with DPAT <b>Complete Objective 2</b> - DP Activity tracking for 2008 and 2009 for all DPCs <b>Complete Objectives 3/4</b> - Continue to meet and support DPAT and DPCs <b>Complete Objectives 7/8</b> - Adminster PHMSA funding for 811 Awareness <b>Write final report</b> in 1st quarter 2010
DP Portal Development	Table Mountain Partners	\$24,000	\$12,000	\$12,000	<b>Complete Objective 9</b> - Continue software re-development, create specifications for DP Activity program and Compliance process
<b>811 Awareness Programs</b>					
DPAT Support		\$2,000	\$328.17	\$1,671.83	Prepare for Fall DPAT meeting Prepare stakeholders awards Work with DPAT on Compliance process Work with DPAT on DP Activity program
Statewide 811 Public Awareness April Damage Prevention Month	Comcast Cable TV	\$20,000	\$13,485.25	\$6,514.75	NOTE: Owe Comcast \$6,514.57 for April Damage Prensation Month
Statewide 811 Public Awareness Fall program	Clear Channel Radio	\$20,000	\$0.00	\$4,672.81	Adminster funding for Statewide 811 Awareness - Radio Commercials
Statewide 811 Public Awareness Fall program	Comcast Cable TV		\$0.00	\$5,000.00	Adminster funding for Statewide 811 Awareness - Cable TV Commercials
Denver Metro DPC			\$1,358.03	\$454.55	Adminster funding for local 811 Awareness
Weld County DPC			\$1,000.00	\$454.55	promotion with DPCs
El Paso County DPC			\$371.77	\$454.55	
Mesa County DPC			\$1,540.40	\$454.55	
Four Corners DPC			\$0.00	\$454.55	
Western Slope DPC			\$1,056.99	\$454.55	
Las Animas County DPC			\$0.00	\$454.55	
Larimer County DPC			\$0.00	\$454.55	
Fremont County DPC			\$0.00	\$454.55	
PEG Area DPC			\$0.00	\$454.55	
Northwest Area DPC			\$0.00	\$454.55	
<b>Total Expenditures</b>		<b>\$100,000</b>	<b>\$46,140.61</b>	<b>\$53,859.39</b>	

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Requests of the AOTR and/or PHMSA**

*[In most cases, any questions or actions requested of the AOTR and PHMSA (such as grant modifications in anyway) should have been addressed in advance of filing the report. If this is the case, simply state “No actions requested at this time” or explain any actions that are currently in process. However, if something has come up recently, or if you haven’t been able to discuss with the AOTR yet, please describe here. ]*

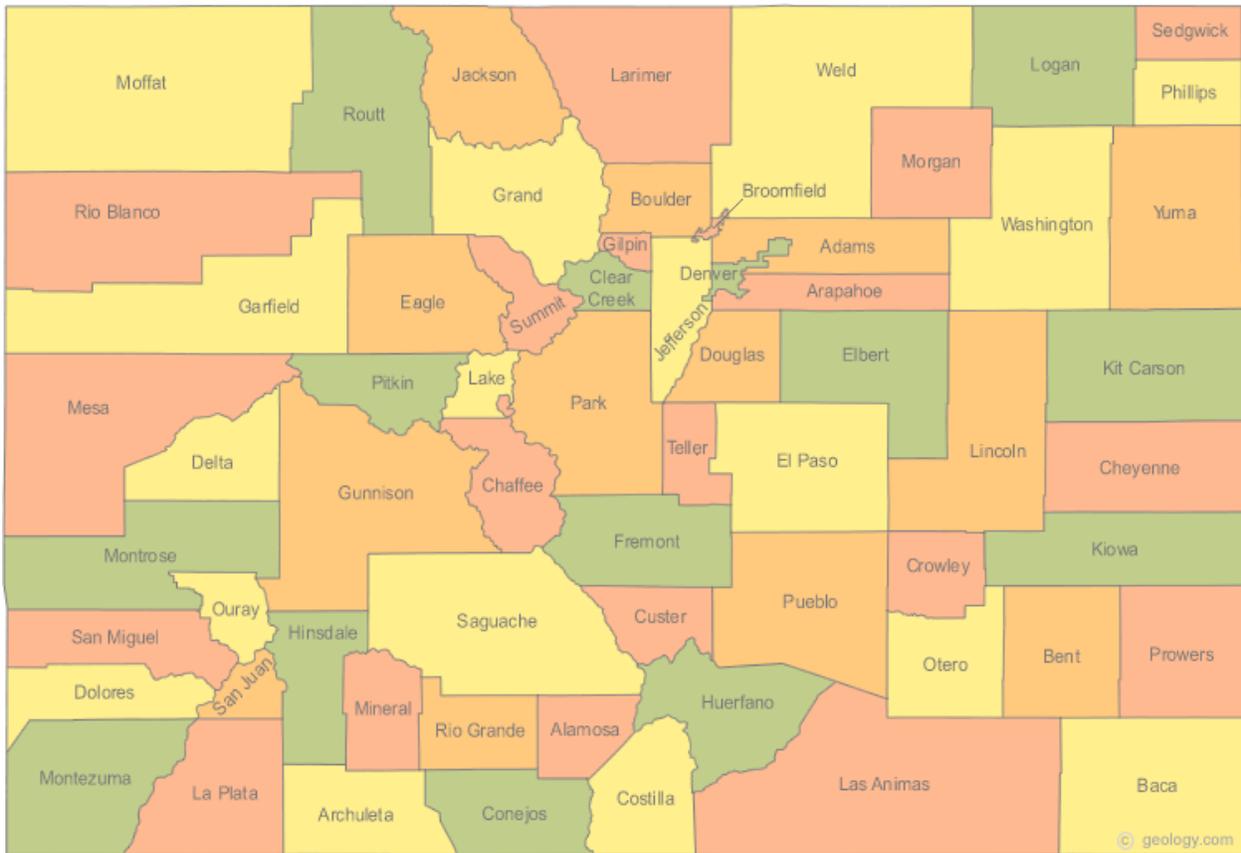
**There were no questions or actions requested at this time.**

**Section 9.01**

*[Submit to AOTR and AA in electronic form via email by July 31, 2009.]*

**PHMSA 2009 State Damage Prevention Program Grant  
Mid-Term Report – FO#: DTPH56-09-SN-0001**

**Attachment 1: County Map of Colorado**



# **Perspectives on Facility Damage - 2008**

(Volume VIII, Version -a-)

An annual report published by Utility Notification Center of Colorado reviewing underground facility damages resulting from excavation activity.

- For Calendar Year 2008 -  
Covering Years 2001 - 2008 Facility Damages  
Includes the 2008 County Damage Report Card Lists

Released August 20, 2009

This report may be referenced as the Utility Notification Center of Colorado 2008 analysis on underground facility damage.

# Perspectives on Facility Damage - 2008

## INTRODUCTION

2009 marks the eighth year for publication of the Colorado underground facility damage report, *Perspectives on Facility Damage-2008*. Utility Notification Center of Colorado (UNCC) publishes the only comprehensive annual report in the nation that analyzes the root cause of all underground facility damage in a state. UNCC is indebted to the member organizations that provide this valuable information.

Many of the Colorado underground facility owners/operators have consistently reported their excavation damage information since the 2001 reporting year. The current dataset spans eight years, contains detailed information on 77,480 separate facility damages and encompasses all facility types in nearly every county in Colorado. The decreasing trend since 2003 in the number and severity of facility damages in Colorado is evidence that shared responsibility, mutual cooperation and accurate information do make a difference.

**The large decrease in damages from 6,358 in 2007 to 4,900 in 2008, a 22.9% reduction in the number of facility damages, is attributable to a number of causes including:**

- 1) the continued slowing of the state and national economy (official US economic recession),
- 2) the reduction of residential construction activity in the state (permits down 35.5%),
- 3) the corresponding decrease in unadjusted One-Call incoming ticket activity (down 12.5%), and
- 4) an increase in the efforts and more effective programs by a number of industry stakeholders to increase public awareness of One-Call (811) requirements and stakeholder damage prevention education.

Note: See Table-B on Page-8 for additional data and statistics.

The real decrease in damages attributable to the stakeholders' public awareness and damage prevention efforts in 2008 can be determined by subtracting the 22.9% decrease in damages from the 12.5% decrease in ticketing activity. By this method, continued stakeholder efforts have reduced damages by an additional 10.4% in 2008.

Colorado stakeholders reduced their all-facility damages from 17.2 damages *per 1,000 unadjusted incoming tickets* in 2003 to 8.7 all-facility damages *per 1,000 unadjusted incoming tickets* in 2008, a healthy 49.3% decrease. At the same time, natural gas damages *per 1,000 incoming tickets* have decreased from 5.7 in 2003 to 2.7 in 2008, a 52.6% decrease. During these five years, unadjusted incoming tickets decreased 28.6% while all-facility damages decreased 63.8%. By these measures, facility damages have decreased at a much faster rate (over twice the rate) than incoming tickets during a time when economic growth and residential construction activity also slowed. The influence of legislatively mandated damage reporting has had both an absolute and relative impact in improving public awareness and reducing facility damages in Colorado.

Colorado is the only U.S. state that has legislatively mandated the collection and reporting of comprehensive facility damage information by all facility owners/operators to the state One-Call center. This distinction provides Colorado facility owners/operators the ability to both understand the causes of facility damage and to implement targeted public awareness and industry educational activities. These activities are designed to increase requests by homeowners and professional excavators, promote safer excavation practices and to ultimately reduce facility damages. The cooperation of all industry stakeholders to facilitate the success of these actions ensures the delivery of vital utility services and creates a safer Colorado.

Colorado can take pride in its leadership role in damage prevention standards, practices, programs and bottom line results. We encourage the public and all involved in the damage prevention industry to maintain their efforts in the coming years. UNCC is always open to feedback and suggestions to improve the usefulness of the report. Please contact the UNCC Public Relations Administrator if you have any questions, need additional information or would like to arrange damage prevention education or support programs in your community.

Utility Notification Center of Colorado  
16361 Table Mountain Parkway  
Golden, CO 80403

Phone: (303) 232-1991  
Web: [www.UNCC.org](http://www.UNCC.org)

# Perspectives on Facility Damage - 2008

## ABOUT THIS REPORT

Underground facility owners and operators in Colorado have submitted their damage data for analysis in this report as required by C.R.S. 9-1.5-103(7)(b). UNCC has collected and summarized the data and published this report to its membership and to the Public Utilities Commission of the State of Colorado as required by C.R.S. 9-1.5-103(7)(c)(d) & 9-1.5-105.

The intended audience for this report includes the following stakeholder groups: underground facility owners and operators, the underground facility location and marking industry, the excavation and construction industry, related industry associations, the One-Call industry, related regulatory and compliance agencies, appropriate local, county and state governments, and the interested public. UNCC anticipates that these stakeholder groups will utilize this information to create positive transformation within the utility safety and damage prevention community and specifically within damage prevention programs and efforts. UNCC is not responsible for any action taken based upon the data or the interpretation of any information presented within this report.

Additional information is available in past Damage Data Report reports from 2001 to 2007. Please visit the UNCC web site at [www.uncc.org](http://www.uncc.org). Click: *Members, Annual Reports*.

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### IMPORTANT REPORTING INFORMATION

Colorado facility owners and operators are required by state law to submit their facility damage data within 90 days of service restoration for each damage event. Other damage prevention stakeholders are encouraged to submit their damages to help facilitate analysis of the damage data.

Please visit: [www.cga-DIRT.com/uncc](http://www.cga-DIRT.com/uncc) to register and submit your underground facility damages for 2009.

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*The methods and formulas used to determine the damage prevention metrics, regressions, scores and grades utilize proprietary techniques and intellectual property that was developed and is owned by Foresight Advantage. They may not be used without the expressed written consent of Foresight Advantage. UNCC is granted the right to publish the results, but not the methods used in this report.*

## COLORADO DAMAGE PREVENTION REPORT CARD

This report includes the **2008 Damage Prevention Report Card** for each of the 64 counties in Colorado. 2008 marks the 2<sup>nd</sup> year UNCC has published this valuable resource. The report card is designed to provide interested stakeholders a detailed understanding of damage reporting compliance by local stakeholders as well as the effectiveness of public awareness and damage prevention efforts in the county. Based upon the grading results each year, UNCC will identify and acknowledge those stakeholders who are performing effectively at the highest levels and provide guidance and assistance to those stakeholders needing improvement. Since each county is evaluated and graded relative to all other counties, our aim is to raise the reporting compliance, public awareness, and damage prevention level of all counties over time through continued innovation and sharing of effective damage prevention practices.

# Perspectives on Facility Damage - 2008

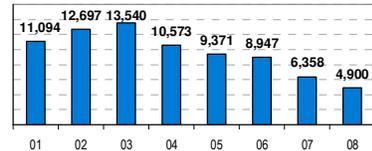
## KEY FINDINGS

### General facility damage information.

- 4,900 damages were reported in 2008, a 22.9% decrease from 6,358 damages in 2007.
- This decreasing trend is in its fifth year (Charts 1&2).
- **Excavators requested a locate on 64.5% and did not request a locate on 35.5% of the damages where a root cause option was selected (Chart 3, also see Root Cause section).**
- Facility owners did not specify a root cause option for 2.9% of reported damages. The quality of root cause data in 2008 provides the best analysis of root cause since data collection began in 2001.
- Damages were reported in 51 of 64 counties, and in 246 cities.

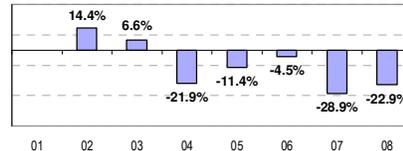
Colorado Facility Damages 2001-2008

Chart 1 # Damages



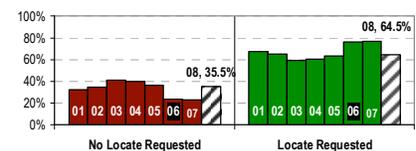
Colorado Facility Damages 2001-2008

Chart 2 % Change in Damages Year to Year



Colorado Facility Damages 2001-2008

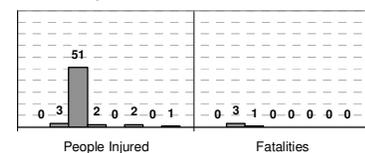
Chart 3 % Damages Without and With Request



- One injury and no fatalities were reported in 2008 (Chart 4).
- Owners reported 24,729 customers were affected by the facility damages (Chart 5).  
36% of the owners reported some value  $\geq 0$ , as shown by the diamond line.
- Owners reported 1,419 hours of service outage due to facility damages (Chart 6).  
9.3% of the owners reported some value  $\geq 0$ , as shown by the diamond line.
- The large decrease in recent years is likely due to under-reporting of this information after conversion to the Virtual Privet DIRT system in 2006.

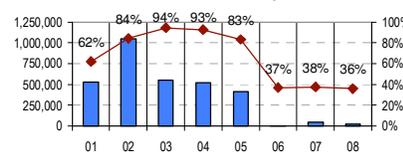
Colorado Facility Damages 2001-2008

Chart 4 Injuries and Fatalities



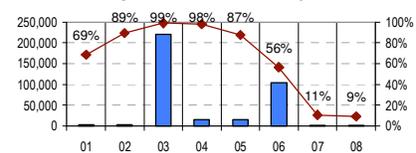
Colorado Facility Damages 2001-2008

Chart 5 Customers Affected & % Reported  $\geq 0$



Colorado Facility Damages 2001-2008

Chart 6 Outage Hours Duration & % Reported  $\geq 0$

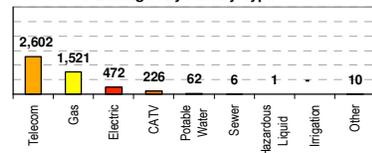


### Which facility type was damaged?

- Owners reported 2,602 (53.1%) Telecommunication facility damages (Charts 7&8).
- Owners reported 1,521 (31.0%) Gas facility damages.
- Owners reported 472 (9.6%) Electric facility damages.
- The general trend of all facility damages has been decreasing since 2003 (Chart 9).
- Telecommunication, gas and electric facility represent the best quality of data reporting.
- 13 counties (20% of 64 counties) had at least 100 facility damages, and combined these counties had 3,918 (80.0%) facility damages. (See also Page-9, Table -C)

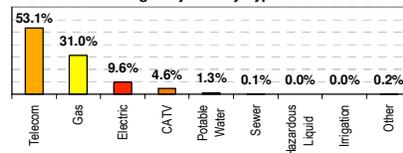
Colorado Facility Damages 2008 (All data)

Chart 7 # Damages by Facility Type



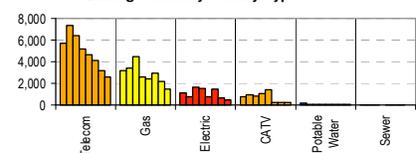
Colorado Facility Damages 2008 (exclude Unknown)

Chart 8 % Damages by Facility Type



Colorado Facility Damages 2001-2008

Chart 9 Damage Trend by Facility Type

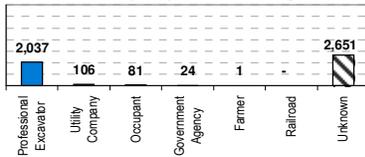


# Perspectives on Facility Damage - 2008

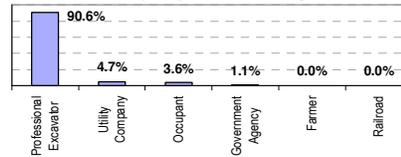
## Who was excavating when the damage occurred?

- A professional excavator was identified on 2,037 damages (90.6%) (Charts 10&11).
- Professional excavators' contribution ranged between 78-94% over the years (Chart 12).
- Utility company staff was identified on 106 damages (4.7%).
- A homeowner or business occupant was identified on 81 damages (3.6%).
- Facility owners did not report the excavator type on 2,651 damages (54.1%), significantly reducing the quality of the data reporting and analysis after 2005.
- The share of damages for each excavator type remains stable over the years (Chart 12).

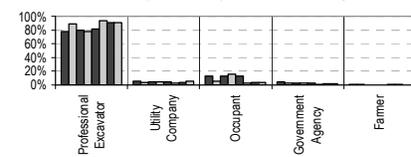
Colorado Facility Damages 2008 (All data)  
Chart 10 # Damages by Excavator Group



Colorado Facility Damages 2008 (exclude Unknown)  
Chart 11 % Damages by Excavator Group



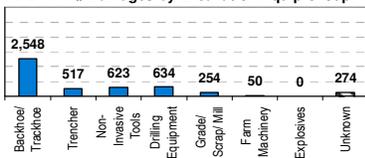
Colorado Facility Damages 2001-2008  
Chart 12 % Damage Trend by Excavator Group



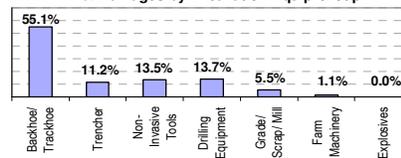
## What excavation equipment was used when the damage occurred?

- Backhoe and trackhoe equipment damaged 2,548 facilities (55.1%) (Charts 13&14).
- Non-invasive (hand tool, probe and vacuum) equipment damaged 623 facilities (13.5%).
- Facility owners did not report the excavation equipment type on 274 damages (5.6%), significantly improving the quality of the data reporting and analysis over 2006.
- The share of damages for each equipment type remains stable over the years (Chart 15).

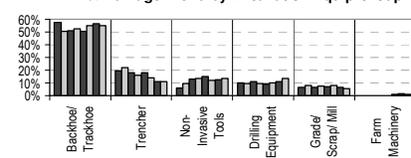
Colorado Facility Damages 2008 (All data)  
Chart 13 # Damages by Excavation Equip Group



Colorado Facility Damages 2008 (exclude Unknown)  
Chart 14 % Damages by Excavation Equip Group



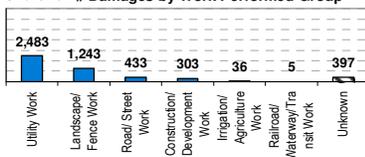
Colorado Facility Damages 2001-2008  
Chart 15 % Damage Trend by Excavation Equip Group



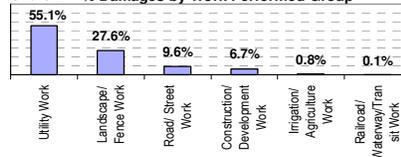
## What work was performed when the damage occurred?

- The utility work group contributed 2,483 damaged facilities (55.1%) (Charts 16&17).
- The landscaping/fencing work group contributed 1,243 damaged facilities (27.6%).
- Sewer work contributed the most damages with 904 (20.1%) followed by Landscape work 848 (18.8%). (Note: The charts reflect groupings of similar work performed types).
- Facility owners did not report the work performed type on 397 damages (8.1%), significantly improving the quality of the data reporting and analysis over 2006.
- The share of damages for each work type group remains stable over the years (Chart 18).

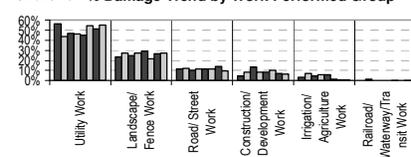
Colorado Facility Damages 2008 (All data)  
Chart 16 # Damages by Work Performed Group



Colorado Facility Damages 2008 (exclude Unknown)  
Chart 17 % Damages by Work Performed Group



Colorado Facility Damages 2001-2008  
Chart 18 % Damage Trend by Work Performed Group

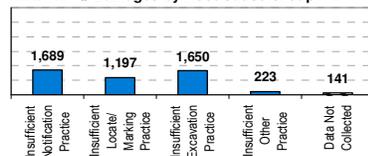


# Perspectives on Facility Damage - 2008

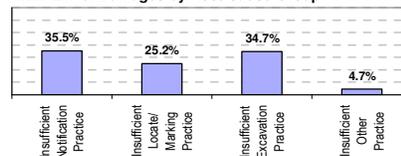
## What was the root cause of the damage?

- Facility owners reported 1,689 damages (35.5%) due to insufficient notification practices.
  - 24 of these were not properly notified or provided wrong information (Charts 19 & 20).
- Facility owners reported 1,197 damages (25.2%) due to insufficient locate/markings practices.
- Facility owners reported 1,650 damages (34.7%) due to insufficient excavation practices.
- Facility owners reported 223 damages (4.7%) due to another root cause not listed.
- Facility owners did not report the root cause on 141 damages (2.9%), significantly improving the quality of the data reporting and analysis over 2006 and 2007.
- The share of damages due to each root cause has shown some variance over the years, and changed considerably in 2006 and 2007 (Chart 21), likely due to inconsistent data collection procedures and the switch-over to the Virtual Private DIRT system.
- **NOTE:** Use of the option “Other Root Cause” does not provide any clue as to the root cause of the damage. The submitter did NOT select “Locate Not Requested”, so we might assume a locate was if fact requested. But we do not know if the root cause was due to insufficient notification practices, insufficient locate/markings practices, or insufficient excavation practices. *Facility owners are encouraged to research the damage incident and provide an appropriate root cause to facilitate proper analysis of the data.*

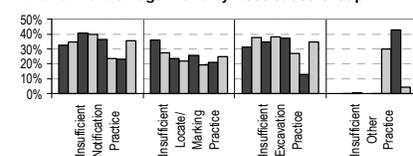
Colorado Facility Damages 2008 (All data)  
Chart 19 # Damages by Root Cause Group



Colorado Facility Damages 2008 (exclude Unknown)  
Chart 20 % Damages by Root Cause Group



Colorado Facility Damages 2001-2008  
Chart 21 % Damage Trend by Root Cause Group



## Root Cause Detail

- Of the 1,197 damages with an incoming request and insufficient locate/markings practice:
  - 807 were located but had insufficient marks,
  - 347 were not located by the facility owner/operator,
  - 28 were not located because they could not be found by the locator,
  - 15 were not properly located because of incorrect map information.
- Of the 1,650 damages with an incoming request and insufficient excavation practice:
  - 655 were reported as insufficient excavation practices,
  - 867 indicated that 18” of clearance was not maintained by the excavator,
  - 47 indicated that a hand tool not used by excavator within 18 inches of marks,
  - 37 indicated that the excavator did not properly maintain the marks,
  - 34 indicated that a test hole (potholing) not used by excavator when required,
  - 9 indicated that the facility was not properly supported during excavation,
  - 1 indicated that excavator did not properly backfill the excavation.
- Of the 223 damages with an incoming request and sufficient excavation practice, but some other root cause:
  - 202 listed some other root cause,
  - 12 listed previous damage, deteriorated facility, or abandoned facility,
  - 9 listed a call center error.

# Perspectives on Facility Damage - 2008

## A NOTE ABOUT “DATA NOT COLLECTED / UNKNOWN”

From 2001-2005, the quality of the information submitted for most of the requested data elements was improving. This means that facility owners/operators were researching and providing a valid option for the data element instead of the “Unknown/Other” or “Data Not Collected” options. As Charts A and Table A show, when facility owners/operators began submitting their data directly into Virtual Private DIRT in 2006, the quality of the information decreased significantly as measured by the percent of unknown or not collected data.

**Colorado Facility Damages 2001-2008**  
**Chart A % Data Unknown / Not Collected**



**Colorado Facility Damages**  
**% Data Unknown or Not Collected**

Table A	05	06	07	08
Excavator Type	2.2%	59.4%	51.9%	54.1%
Excavation Equipment Type	10.0%	18.5%	7.2%	5.6%
Work Performed Type	10.0%	61.7%	8.7%	8.1%
Root Cause Type	12.0%	49.7%	50.5%	2.9%

Note the significant improvement in Work Performed Type and Root Cause Type from 2006 to 2008. Also note that for 54% of the damages the Excavator Type was not reported in 2008.

*Facility owners/operators are encouraged to collect and submit accurate and complete information on all facility damages. Lack of information limits our ability to analyze the data and to draw accurate and useful conclusions about facility damage.*

## SUPPLEMENTAL DATA CHARTS

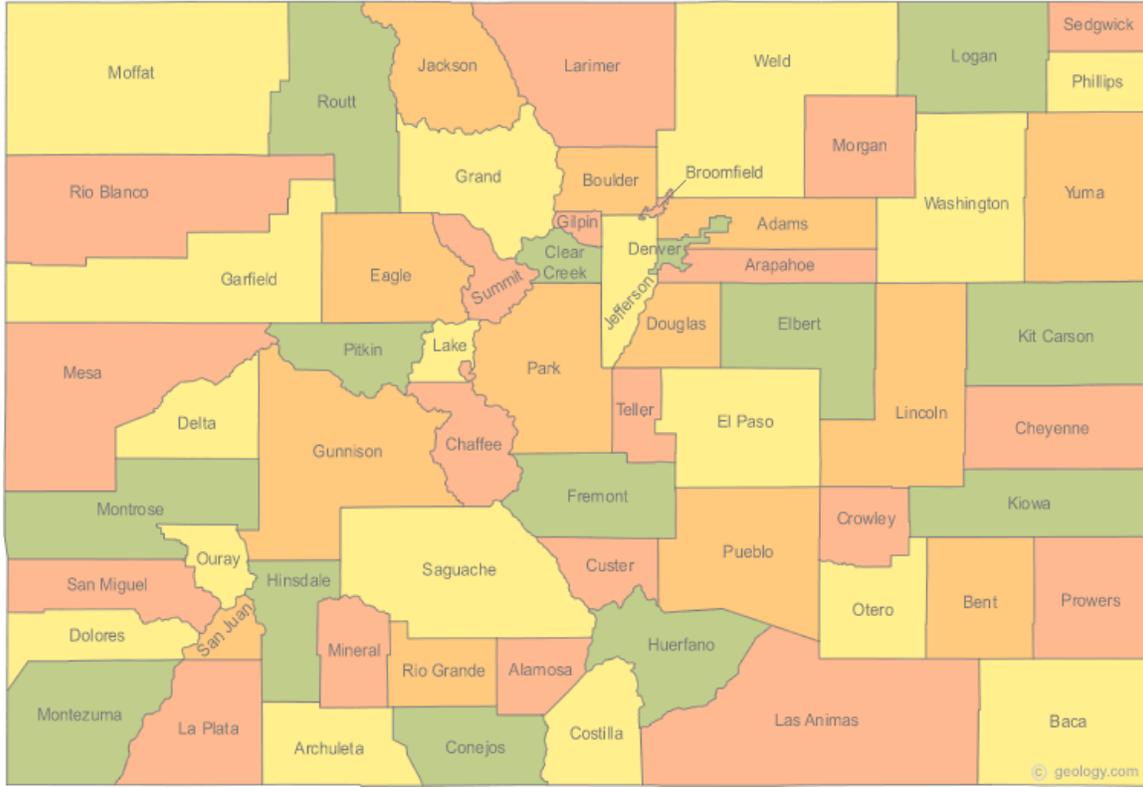
Pages 8 through 17 illustrate the following information for the 64 Colorado counties:

- Page 8 County Map of Colorado with state demographic and One-Call statistics
- Page 9 Share of Data and Cumulative Share of Data by County
- Page 10 Demographic and One-Call Data by County
- Page 11 Colorado Incoming Tickets - 2005 through 2008
- Page 12 Colorado Facility Damages - 2005 through 2008
- Page 13 Colorado Incoming Tickets per 1,000 Population - 2005 through 2008
- Page 14 Colorado Facility Damages per 1,000 Incoming Tickets - 2005 through 2008
- Page 15 Colorado Incoming Tickets vs. Population - 2008
- Page 16 Colorado Incoming Tickets vs. Migration and Housing Permits - 2008 with Damages for the 48 lowest population counties
- Page 17 Colorado Incoming Tickets vs. Migration and Housing Permits - 2008 with Damages for the 16 highest population counties

The charts on pages 16 and 17 help the viewer understand the relationship between Incoming Tickets and corresponding Facility Damages versus population, migration and housing construction in each of the counties.

# Perspectives on Facility Damage - 2008

## County Map of Colorado



**Table-B, State Demographic and One-Call Data**

<b>DEMOGRAPHICS</b>						
<b>Land Area:</b>	104,093	Square Miles			<b>%Change</b>	<b>%Change</b>
	<b>2008</b>	<b>2003</b>	<b>2007</b>	<b>2008</b>	<b>2003-2008</b>	<b>2007-2008</b>
<b>Population:</b>		4,583,430	4,908,108	5,013,015	9.4%	2.1%
<b>Population Density (per sq.mi.):</b>		44.0	47.2	48.2	9.5%	2.1%
<b>Net Migration:</b>		24,315	54,686	49,843	105.0%	-8.9%
<b>Building Permits:</b>		39,569	29,454	18,998	-52.0%	-35.5%
<b>ONE-CALL DATA</b>						
	<b>Counties Reported</b>					
<b>Incoming Tickets:</b>	64	788,314	643,630	563,041	-28.6%	-12.5%
<b>Facility Damages:</b>	51	13,540	6,358	4,900	-63.8%	-22.9%
<b>Telecom Damages</b>	45	6,426	3,195	2,602	-59.5%	-18.6%
<b>Nat Gas Damages</b>	38	4,490	2,185	1,521	-66.1%	-30.4%
<b>Electric Damages</b>	24	1,666	635	472	-71.7%	-25.7%
<b>Cable TV Damages</b>	17	847	235	226	-73.3%	-3.8%
<b>Other Damages</b>	7	111	108	79	-28.8%	-26.9%
<b>DAMAGE METRIC</b>						
<b>Damages / 1,000 Tickets:</b>		17.2	9.9	8.7	-49.3%	-11.9%
<b>Telecom Dam / 1,000 Tickets:</b>		8.2	5.0	4.6	-43.3%	-6.9%
<b>Nat Gas Dam / 1,000 Tickets:</b>		5.7	3.4	2.7	-52.6%	-20.4%
<b>Electric Dam / 1,000 Tickets:</b>		2.1	1.0	0.8	-60.3%	-15.0%
<b>Cable TV Dam / 1,000 Tickets:</b>		1.1	0.4	0.4	-62.6%	9.9%
<b>Other Dam / 1,000 Tickets:</b>		0.1	0.2	0.1	-0.4%	-16.4%

# Perspectives on Facility Damage - 2008

Table-C lists the %Population, %Permits, %Incoming Tickets and %Facility Damages for the sixteen counties with the largest population (sorted in decreasing order). The lower part of the table summarizes the same data for the top sixteen, middle 32 and bottom sixteen counties. The interesting fact is that the sixteen counties (1/4 of the counties) with the largest population represent from between 81% to 89% of each measure. At the same time, the bottom sixteen counties with the smallest share of the population represent from between 0.6% to 1.1% of each measure. While this relationship is to be expected, it also suggests that the lack of damage reporting by some of the smallest population counties does not materially impact the analysis and usefulness of the data reported by the larger population counties. As stated under *Key Findings* on Page-4, 51 of the 64 counties did report damages in 2008.

**Table-C, Share of Data and Cumulative Share of Data by County**

	County (Sorted by Population)	%Population	Cummulative %Population	%Permits	Cummulative %Permits	%Incoming Tickets	Cummulative %Tickets	% Facility Damages	Cummulative %Damages
1	Denver	12.1%	12.1%	16.7%	16.7%	7.3%	7.3%	6.6%	6.6%
2	El Paso	11.9%	24.0%	10.4%	27.2%	13.1%	20.4%	13.2%	19.9%
3	Arapahoe	11.2%	35.2%	9.3%	36.5%	9.9%	30.3%	10.3%	30.1%
4	Jefferson	10.8%	46.0%	3.1%	39.6%	7.4%	37.7%	6.7%	36.9%
5	Adams	8.7%	54.7%	4.1%	43.7%	6.3%	44.0%	4.8%	41.7%
6	Boulder	5.9%	60.7%	5.4%	49.1%	5.4%	49.4%	3.4%	45.0%
7	Larimer	5.9%	66.5%	6.7%	55.7%	6.8%	56.2%	5.1%	50.2%
8	Douglas	5.7%	72.3%	7.3%	63.1%	7.0%	63.2%	6.1%	56.3%
9	Weld	5.0%	77.3%	5.2%	68.2%	8.3%	71.5%	6.0%	62.3%
10	Pueblo	3.2%	80.5%	2.2%	70.4%	2.9%	74.4%	5.2%	67.5%
11	Mesa	2.9%	83.4%	4.1%	74.5%	3.3%	77.7%	6.6%	74.0%
12	Broomfield	1.2%	84.5%	4.4%	78.9%	1.5%	79.1%	1.4%	75.4%
13	Garfield	1.1%	85.7%	2.1%	81.0%	2.0%	81.1%	2.7%	78.2%
14	Eagle	1.1%	86.7%	0.9%	81.9%	1.0%	82.1%	1.3%	79.5%
15	La Plata	1.0%	87.7%	1.8%	83.8%	2.7%	84.8%	1.6%	81.1%
16	Fremont	1.0%	<b>88.7%</b>	0.5%	<b>84.3%</b>	0.7%	<b>85.4%</b>	0.8%	<b>81.8%</b>
	<b>Top 16</b>	88.7%	88.7%	84.3%	84.3%	85.4%	85.4%	81.8%	81.8%
	<b>Next 32</b>	10.3%	99.0%	14.6%	98.9%	13.5%	99.0%	17.6%	99.4%
	<b>Bottom 16</b>	1.0%	100.0%	1.1%	100.0%	1.0%	100.0%	0.6%	100.0%
	<b>Total</b>	100.0%		100.0%		100.0%		100.0%	

# Perspectives on Facility Damage - 2008

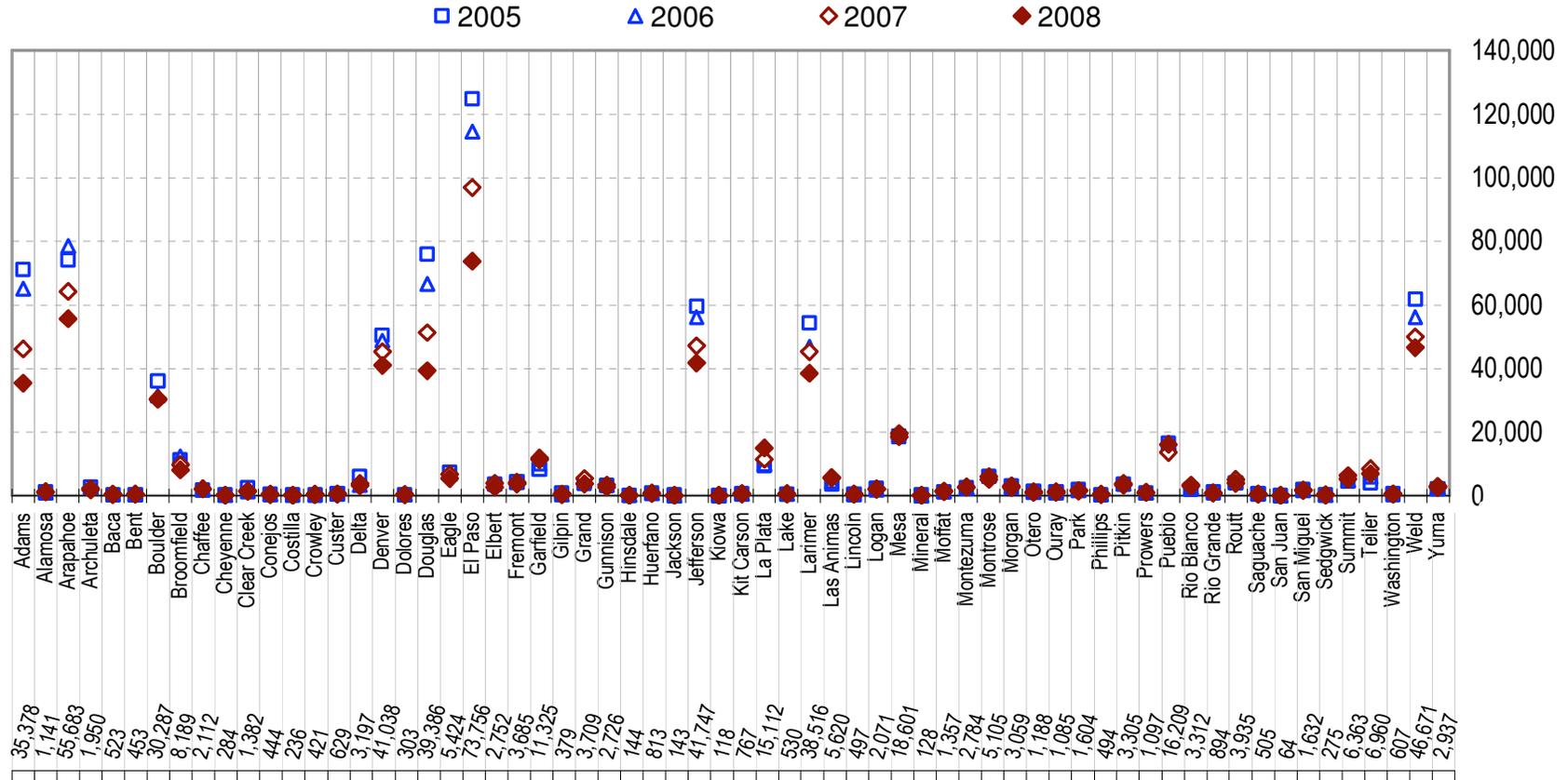
## Table-D, Demographic and One-Call Data by County

Table-D lists the relevant demographic and One-Call data and the percent share of the state total for the 64 counties in Colorado in increasing population order. Each county includes DIRT damages, unadjusted incoming tickets, population, net migration, building permits and population density. Note that only 51 of the 64 counties reported facility damages. Also note that the reported damages may not include all damages that actually occurred in the county.

Colorado	4,900	563,041	5,013,015	49,843	18,998	48.2	Colorado	100.0%	100.0%	100.0%	100.0%	100.0%	
COUNTY	DIRT Damages	Incoming Tickets	Population	Net Migration	Permits	Population Density	COUNTY	%DIRT Damages	%Incoming Tickets	%Population	%Net Migration	%Permits	%Population Density Factor
San Juan	2	64	555	-22	7	1	San Juan	0.04%	0.01%	0.01%	-0.04%	0.04%	0.03
Hinsdale		144	873	-2	18	1	Hinsdale	0.00%	0.03%	0.02%	0.00%	0.09%	0.02
Mineral		128	1,014	24	14	1	Mineral	0.00%	0.02%	0.02%	0.05%	0.07%	0.02
Kiowa		118	1,417	-46	3	1	Kiowa	0.00%	0.02%	0.03%	-0.09%	0.02%	0.02
Jackson		143	1,437	-40	12	1	Jackson	0.00%	0.03%	0.03%	-0.08%	0.06%	0.02
Cheyenne		284	1,898	-103	0	1	Cheyenne	0.00%	0.05%	0.04%	-0.21%	0.00%	0.02
Dolores	8	303	1,932	-9	1	2	Dolores	0.16%	0.05%	0.04%	-0.02%	0.01%	0.04
Sedgwick		275	2,413	-80	1	4	Sedgwick	0.00%	0.05%	0.05%	-0.16%	0.01%	0.09
Costilla	1	236	3,467	-79	13	3	Costilla	0.02%	0.04%	0.07%	-0.16%	0.07%	0.06
Baca		523	4,102	-59	0	2	Baca	0.00%	0.09%	0.08%	-0.12%	0.00%	0.03
Custer		629	4,224	135	53	6	Custer	0.00%	0.11%	0.08%	0.27%	0.28%	0.12
Phillips	1	494	4,537	-84	4	7	Phillips	0.02%	0.09%	0.09%	-0.17%	0.02%	0.14
Ouray	5	1,085	4,623	102	36	9	Ouray	0.10%	0.19%	0.09%	0.20%	0.19%	0.18
Washington		607	4,722	-107	1	2	Washington	0.00%	0.11%	0.09%	-0.21%	0.01%	0.04
Gilpin	7	379	5,114	-65	47	34	Gilpin	0.14%	0.07%	0.10%	-0.13%	0.25%	0.71
Bent	5	453	5,580	-346	5	4	Bent	0.10%	0.08%	0.11%	-0.69%	0.03%	0.08
Lincoln	6	497	5,610	-129	1	2	Lincoln	0.12%	0.09%	0.11%	-0.26%	0.01%	0.05
Rio Blanco	12	3,312	6,543	66	65	2	Rio Blanco	0.24%	0.59%	0.13%	0.13%	0.34%	0.04
Saguache	2	505	6,902	-71	44	2	Saguache	0.04%	0.09%	0.14%	-0.14%	0.23%	0.05
Huerfano	4	813	7,916	-8	33	5	Huerfano	0.08%	0.14%	0.16%	-0.02%	0.17%	0.10
San Miguel	5	1,632	7,939	174	125	6	San Miguel	0.10%	0.29%	0.16%	0.35%	0.66%	0.13
Kit Carson	3	767	8,047	-106	1	4	Kit Carson	0.06%	0.14%	0.16%	-0.21%	0.01%	0.08
Conejos	1	444	8,232	-209	15	6	Conejos	0.02%	0.08%	0.16%	-0.42%	0.08%	0.13
Lake	16	530	8,351	86	33	22	Lake	0.33%	0.09%	0.17%	0.17%	0.17%	0.45
Crowley		421	8,367	1,192	2	10	Crowley	0.00%	0.07%	0.17%	2.39%	0.01%	0.22
Clear Creek	8	1,382	9,376	-87	15	24	Clear Creek	0.16%	0.25%	0.19%	-0.17%	0.08%	0.49
Yuma	1	2,937	9,863	-160	4	4	Yuma	0.02%	0.52%	0.20%	-0.32%	0.02%	0.09
Rio Grande	5	894	12,279	-356	44	13	Rio Grande	0.10%	0.16%	0.24%	-0.71%	0.23%	0.28
Archuleta		1,950	12,999	317	153	10	Archuleta	0.00%	0.35%	0.26%	0.64%	0.81%	0.20
Prowers		1,097	13,008	-472	6	8	Prowers	0.00%	0.19%	0.26%	-0.95%	0.03%	0.16
Moffat	28	1,357	14,119	82	41	3	Moffat	0.57%	0.24%	0.28%	0.16%	0.22%	0.06
Grand	53	3,709	14,529	45	326	8	Grand	1.08%	0.66%	0.29%	0.09%	1.72%	0.16
Gunnison	37	2,726	15,129	-29	91	5	Gunnison	0.76%	0.48%	0.30%	-0.06%	0.48%	0.10
Alamosa	27	1,141	15,788	-113	58	22	Alamosa	0.55%	0.20%	0.31%	-0.23%	0.31%	0.45
Pitkin	84	3,305	16,595	-136	116	17	Pitkin	1.71%	0.59%	0.33%	-0.27%	0.61%	0.35
Las Animas	43	5,620	16,602	13	33	3	Las Animas	0.88%	1.00%	0.33%	0.03%	0.17%	0.07
Chaffee	15	2,112	17,007	86	135	17	Chaffee	0.31%	0.38%	0.34%	0.17%	0.71%	0.35
Park	25	1,604	17,168	75	160	8	Park	0.51%	0.28%	0.34%	0.15%	0.84%	0.16
Otero		1,188	18,752	-401	6	15	Otero	0.00%	0.21%	0.37%	-0.80%	0.03%	0.31
Logan	6	2,071	21,933	6	11	12	Logan	0.12%	0.37%	0.44%	0.01%	0.06%	0.25
Elbert	35	2,752	22,899	-303	57	12	Elbert	0.71%	0.49%	0.46%	-0.61%	0.30%	0.26
Teller	36	6,960	22,952	-42	91	41	Teller	0.73%	1.24%	0.46%	-0.08%	0.48%	0.85
Routt	92	3,935	23,489	265	392	10	Routt	1.88%	0.70%	0.47%	0.53%	2.06%	0.21
Montezuma	70	2,784	25,757	114	31	13	Montezuma	1.43%	0.49%	0.51%	0.23%	0.16%	0.26
Morgan	30	3,059	28,357	-391	36	22	Morgan	0.61%	0.54%	0.57%	-0.78%	0.19%	0.45
Summit	156	6,363	29,072	151	355	47	Summit	3.18%	1.13%	0.58%	0.30%	1.87%	0.97
Delta	18	3,197	31,274	279	95	27	Delta	0.37%	0.57%	0.62%	0.56%	0.50%	0.56
Montrose	44	5,105	41,559	1,153	197	19	Montrose	0.90%	0.91%	0.83%	2.31%	1.04%	0.38
Fremont	37	3,685	48,179	242	96	31	Fremont	0.76%	0.65%	0.96%	0.49%	0.51%	0.65
La Plata	76	15,112	50,239	192	350	30	La Plata	1.55%	2.68%	1.00%	0.39%	1.84%	0.61
Eagle	66	5,424	53,898	596	177	32	Eagle	1.35%	0.96%	1.08%	1.20%	0.93%	0.66
Broomfield	68	8,189	56,975	1,246	827	1,706	Broomfield	1.39%	1.45%	1.14%	2.50%	4.35%	35.39
Garfield	134	11,325	58,000	1,262	401	19	Garfield	2.73%	2.01%	1.16%	2.53%	2.11%	0.40
Mesa	322	18,601	145,677	4,576	784	44	Mesa	6.57%	3.30%	2.91%	9.18%	4.13%	0.90
Pueblo	254	16,209	158,970	2,629	416	66	Pueblo	5.18%	2.88%	3.17%	5.27%	2.19%	1.38
Weld	294	46,671	252,273	4,995	980	63	Weld	6.00%	8.29%	5.03%	10.02%	5.16%	1.30
Douglas	300	39,386	287,352	8,773	1,393	341	Douglas	6.12%	7.00%	5.73%	17.60%	7.33%	7.08
Larimer	251	38,516	294,565	4,343	1,265	112	Larimer	5.12%	6.84%	5.88%	8.71%	6.66%	2.32
Boulder	166	30,287	297,356	340	1,022	402	Boulder	3.39%	5.38%	5.93%	6.68%	5.38%	8.34
Adams	235	35,378	435,121	5,854	782	368	Adams	4.80%	6.28%	6.68%	11.74%	4.12%	7.64
Jefferson	330	41,747	543,278	2,005	589	703	Jefferson	6.73%	7.41%	10.84%	4.02%	3.10%	14.58
Arapahoe	503	55,683	563,727	6,883	1,764	701	Arapahoe	10.27%	9.89%	11.25%	13.81%	9.29%	14.55
El Paso	648	73,756	594,437	1,472	1,985	279	El Paso	13.22%	13.10%	11.86%	2.95%	10.45%	5.79
Denver	325	41,038	606,647	4,125	3,180	3,889	Denver	6.63%	7.29%	12.10%	8.28%	16.74%	80.68

# Perspectives on Facility Damage - 2008

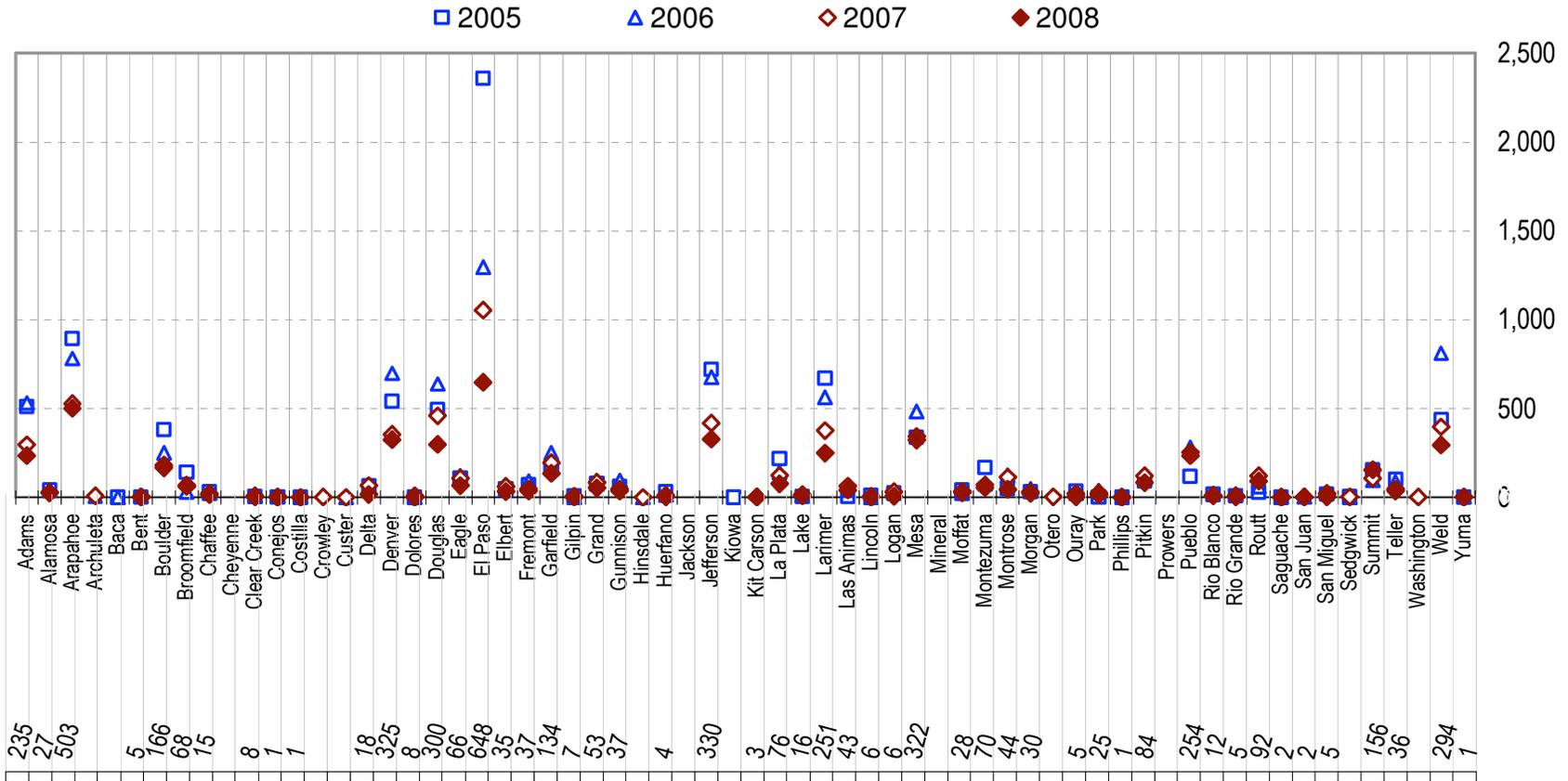
## Colorado Incoming Tickets: 2005-2008 - All Counties



**Chart B** represents the number of incoming tickets (reported from the Norfield ticketing system) for each county for 2005, 2006, 2007 and 2008. The number of incoming tickets for 2008 is reported at the bottom of the chart. The decreasing trend from 2005 to 2008 is primarily due to the slowing economic climate as well as the decrease in construction activity in the housing and commercial building sectors.

# Perspectives on Facility Damage - 2008

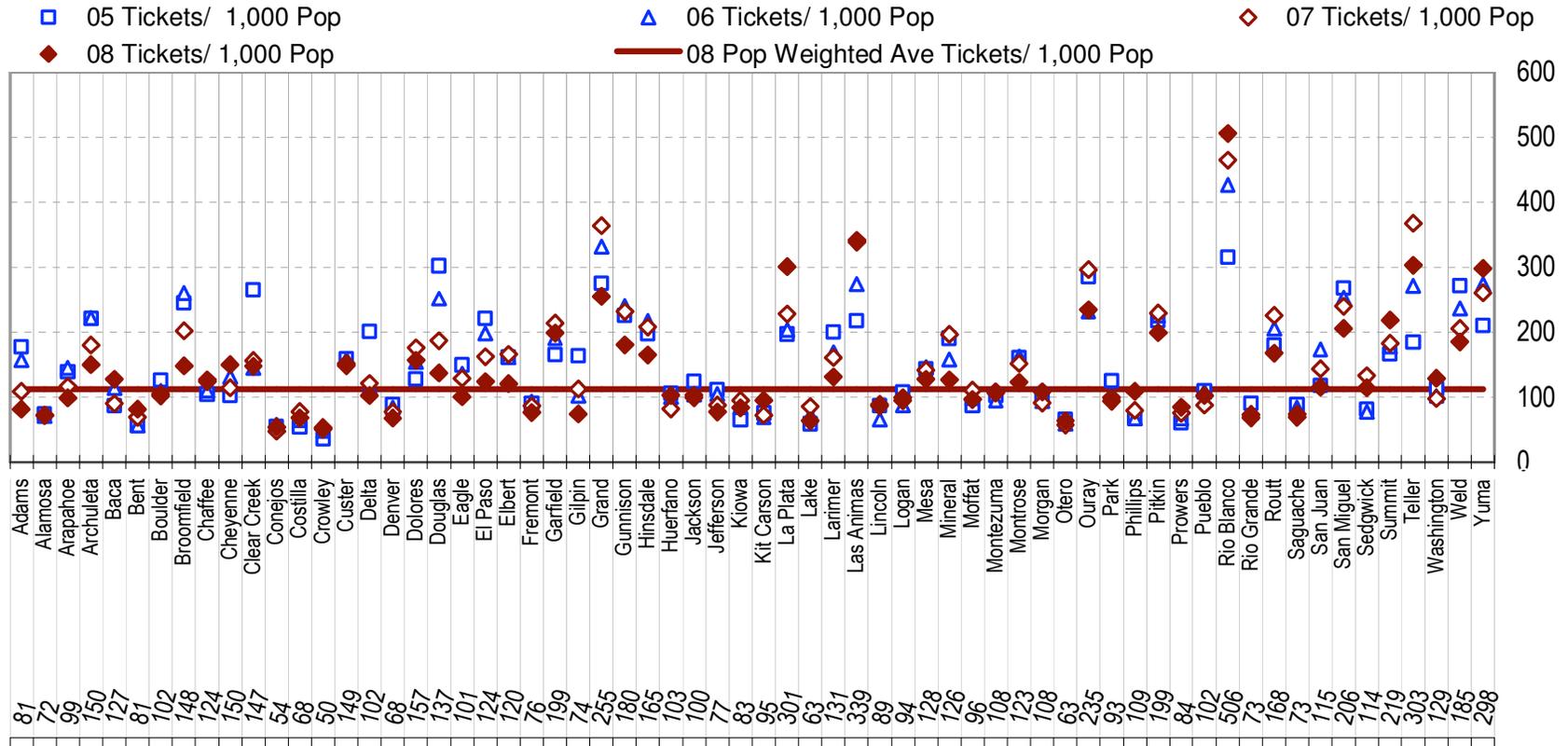
## Colorado Underground Facility Damages: 2005-2008 - All Counties



**Chart C** represents the number of all-facility damages (reported from the Virtual Private DIRT system) for each county for 2005, 2006, 2007 and 2008. The number of all-facility damages for 2008 is reported at the bottom of the chart. The decreasing trend from 2005 to 2008 is due significantly to improvements in public awareness and damage prevention efforts as well as the slowing economic climate and the decrease in construction activity in the housing and commercial building sectors.

# Perspectives on Facility Damage - 2008

## Colorado Incoming Tickets per 1,000 Population: 2005-2008 - All Counties



**Chart D** represents the number of incoming tickets per 1,000 population for each county for 2005, 2006, 2007 and 2008. The ratio for 2008 is reported at the bottom of the chart. The red horizontal line is the population weighted average ratio. Those counties *above* the red line are *performing better* than counties *below* the line. Counties showing an *increase in the ratio* over time have *improved public awareness*, as measured by increasing tickets per population, during a time when construction activity and tickets were generally decreasing and population was slowly increasing. If tickets are increasing proportionally faster than population is increasing, the ratio will get larger. Note the steady improvement in La Plata, Las Animas, Rio Blanco, Summit, Teller and Yuma counties.

# Perspectives on Facility Damage - 2008

## Colorado Facility Damages per 1,000 Incoming Tickets: 2005-2008 - All Counties

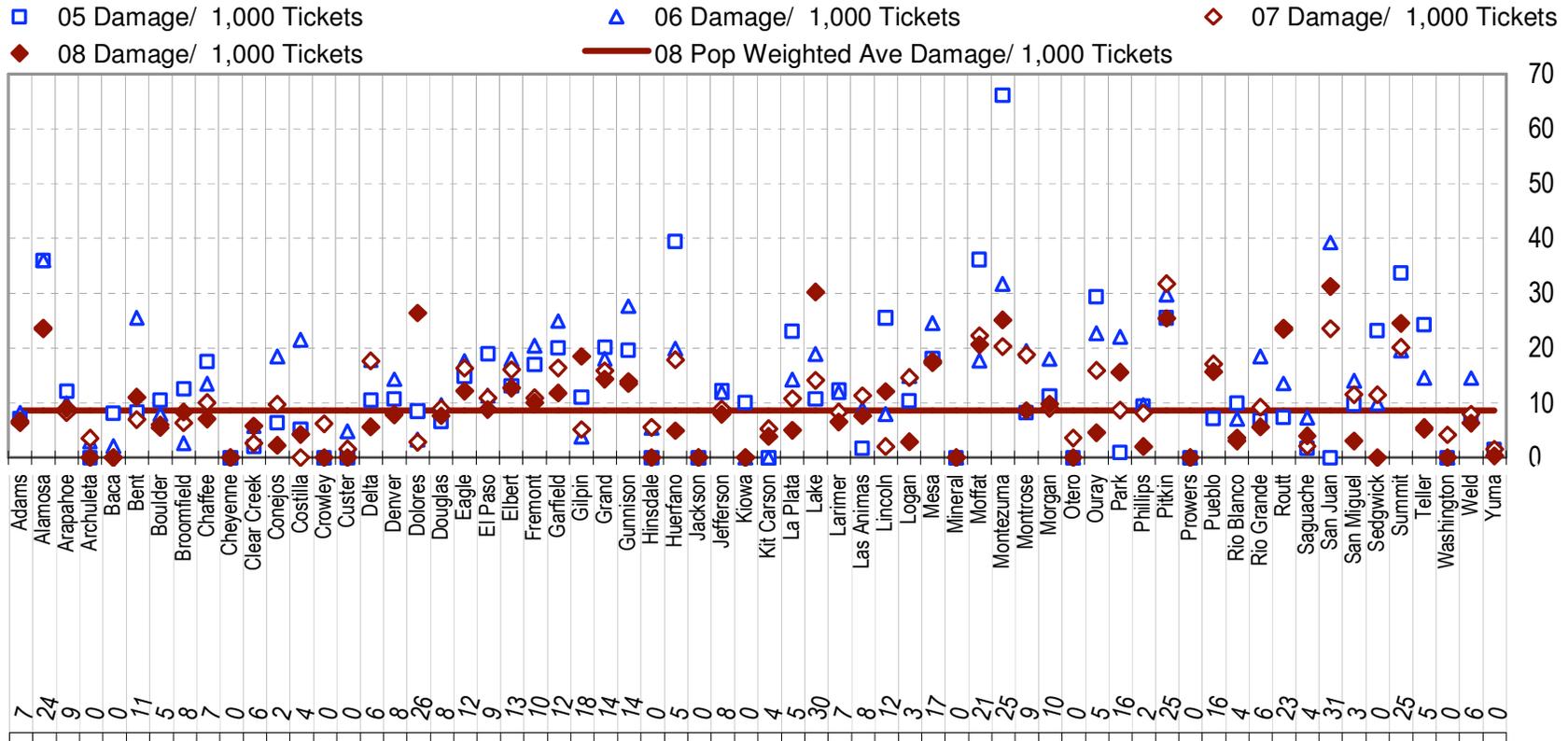
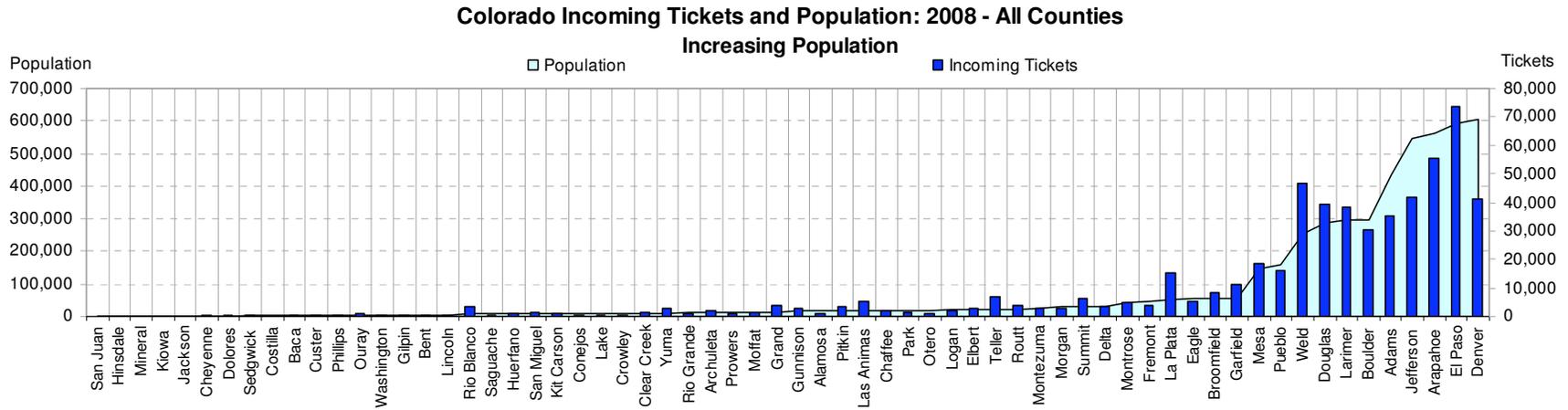


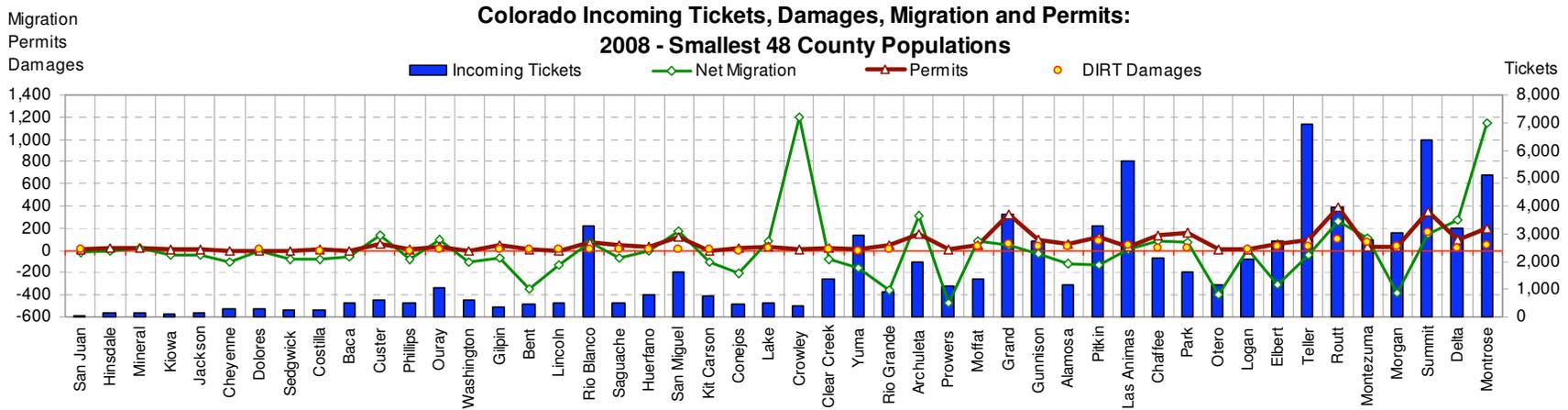
Chart E represents the number of facility damages per 1,000 incoming tickets for each county for 2005, 2006, 2007 and 2008. The ratio for 2008 is reported at the bottom of the chart. The red horizontal line is the population weighted average ratio. Those counties *above* the red line, showing a higher ratio of damages per ticket, are *performing worse* than counties *below* the line. Counties showing a *decrease in the ratio* over time have *improved damage prevention*, as measured by decreasing damages per ticket, during a time when both tickets and damages were decreasing. If damages are decreasing proportionally faster than tickets are decreasing, the ratio will get smaller. Note the steady improvement in Boulder, Chaffee, El Paso, Grand, Huerfano, La Plata, Ouray, Rio Blanco, and Teller counties.

# Perspectives on Facility Damage - 2008



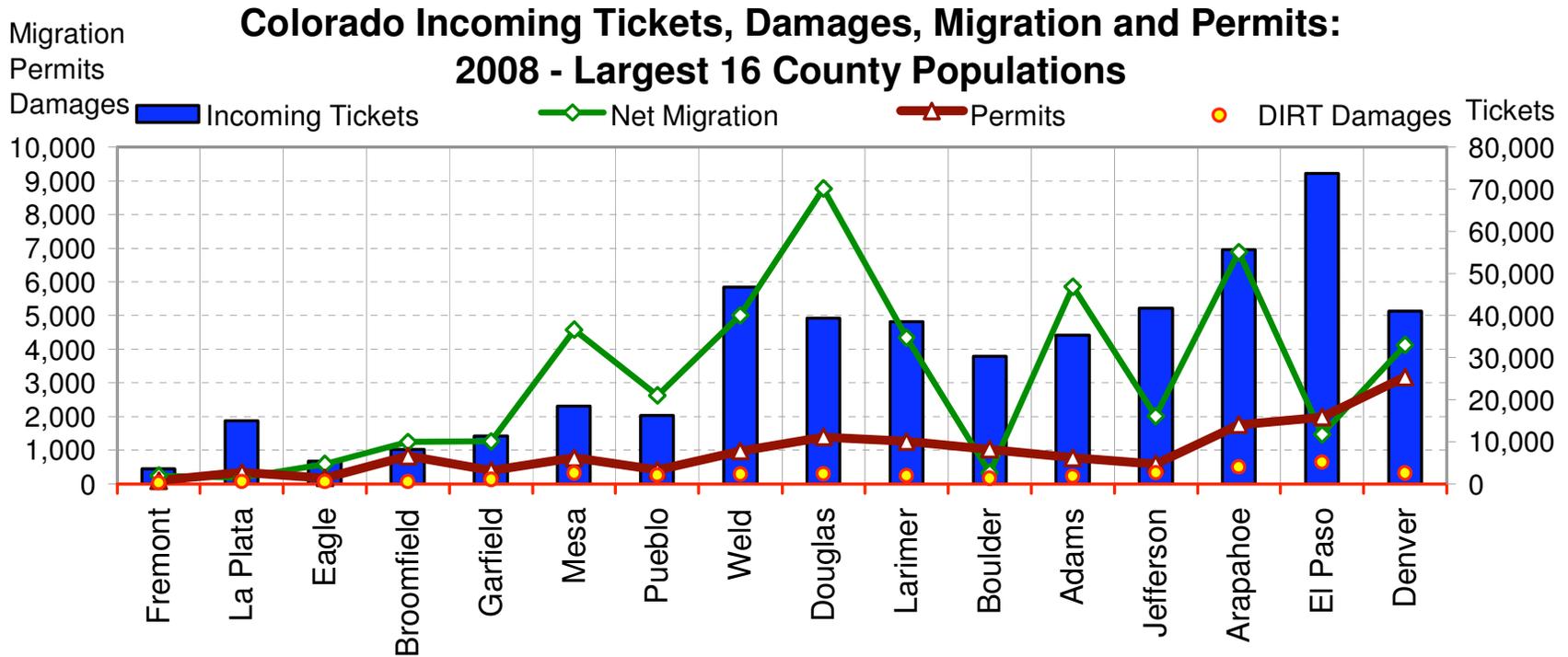
**Chart F** represents the number of incoming tickets (reported from the Norfield ticketing system) and population for each county in 2008. The counties are listed in increasing population order from left to right. Notice that some counties appear to have a much larger number of tickets than counties with a similar population size. These counties include Rio Blanco, Yuma, Grand, Las Animas, Teller, Summit, La Plata, Weld and El Paso.

# Perspectives on Facility Damage - 2008



**Chart G** represents the number of incoming tickets (reported from the Norfield ticketing system), net migration, housing permits, and facility damages (reported from the Virtual Private DIRT system) for the 48 smallest population counties in 2008. The counties are listed in increasing population order from left to right. Notice that some of the counties that have a larger number of net migration and permits also have a larger number of tickets and damages than counties with a similar population size. These counties include Custer, Ouray, Rio Blanco, San Miguel, Archuleta, Grand, Las Animas, Teller, Routt, Summit, and Montrose. This visually suggests that there is a relationship between (population, net migration, housing permits) and both incoming tickets and facility damages. This mathematical relationship is the basis for the least-squares regression models that predict the incoming tickets and facility damages for each county. The predictions are used in the Damage Prevention Report Card.

# Perspectives on Facility Damage - 2008



**Chart H** represents the number of incoming tickets (reported from the Norfield ticketing system), net migration, housing permits, and facility damages (reported from the UNCC’s Virtual Private DIRT) for the 16 largest (population) counties in 2008. The counties are listed in increasing population order from left to right. Notice that some of the counties that have a larger number of net migration and permits also have a larger number of tickets and damages than counties with a similar population size. These counties include La Plata, Mesa, Weld, Douglas, Adams, and Arapahoe. This visually suggests that there is a relationship between (population, net migration, housing permits) and both incoming tickets and facility damages. This mathematical relationship is the basis for the least-squares regression models that predict the incoming tickets and facility damages for each county. The predictions are used in the Damage Prevention Report Card.

# Measuring County Damage Prevention Grades - 2008

## DAMAGE PREVENTION GRADING PROCESS

Pages 18 through 21 describe the methods used with the *2008 Damage Prevention Report Card* for scoring, ranking, and grading each county. The report card utilizes metrics measured in three damage prevention areas (**1-Area Damage Reporting, 2-Public Awareness, and 3-Compound Damage Prevention**) to ultimately determine a **Composite Damage Prevention Grade**. A fourth metric will be added in the future to measure *Damage Prevention Activity* undertaken by stakeholders in each county.

Pages 22 through 26 contain county lists for the grading summary and the four section grades that comprise the *Damage Prevention Report Card*:

List 0) <i>Grading Summary</i>	Page 22
List 1) <i>Composite Damage Prevention Grade</i>	Page 23
List 2) <i>Compound Damage Prevention</i>	Page 24
List 3) <i>Public Awareness</i>	Page 25
List 4) <i>Area Damage Reporting</i>	Page 26

Each of these lists includes the facility damages and incoming tickets for each county. List 1, the Composite Grade list, also includes the grading score, county rank and letter grade for each county. Lists 2, 3 and 4 also include the calculated metric that establishes the score, rank and grade for each county.

### Description of the Area Damage Reporting Measure

The *Area Damage Reporting Metric* and score assess how complete the damage reporting is for each facility type within a county. Each facility type is assigned a risk weighting factor based upon relative risk of damage to humans and property, giving the most weight to Natural Gas and Electric facility damages. The risk factor is arbitrary but designed to allow the *Area Damage Reporting Metric* and score to range between 0.0 if no damages are reported and 4.5 if all eight facility type options have at least one reported damage. For each

facility type with a reported damage in a county, the risk factors are summed and divided by two (the maximum sum is 9.0).

Counties with a higher metric have a higher level of facility damage reporting

than counties with a lower metric. This metric penalizes counties where few or no damages are reported.

In the case were no facility damages actually occurred in a county and none are reported, this metric improperly penalizes the county. In the future, the Virtual Private DIRT system will be modified to allow positive reporting of no facility damages. In this future case, the county would receive a metric of 4.0.

The Area Damage Reporting Score is then set equal to the *Area Damage Reporting Metric*. For 2008, the *Area Damage Reporting Metric*/Score ranged from 1.38 for Elbert to 4.00 for El Paso County.

The 64 counties are then ranked from the highest (Rank=1) to lowest (Rank=64), although counties with the same metric/score receive the same rank. Although the counties are ranked, every county can receive the maximum metric/score and a grade of "A+" if damages are reported for every facility type. A grading table is then used to assign a letter grade ranging from A+ to F- based upon the score.

Area Reporting - Facility Risk Weights and Counties Reporting								
COUNTY	NaturalGas	Electric	Telecom	CableTV	Water	Sewer	Pipeline	Other
<b>Risk Factor</b>	2	2	0.75	0.75	1.25	1.25	0.5	0.5
<b>Counties</b>	38	24	45	17	6	4	1	2

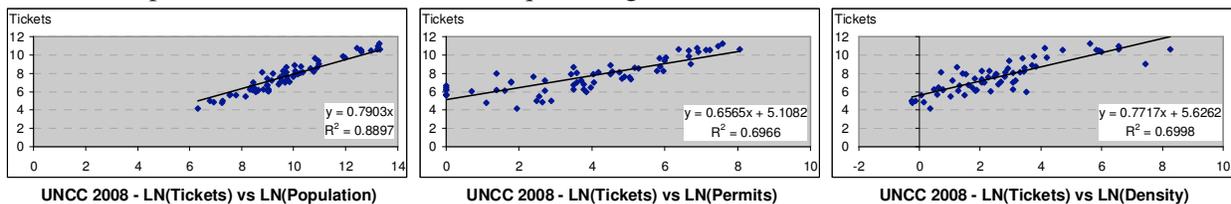
# Measuring County Damage Prevention Grades - 2008

## Description of the Public Awareness Measure

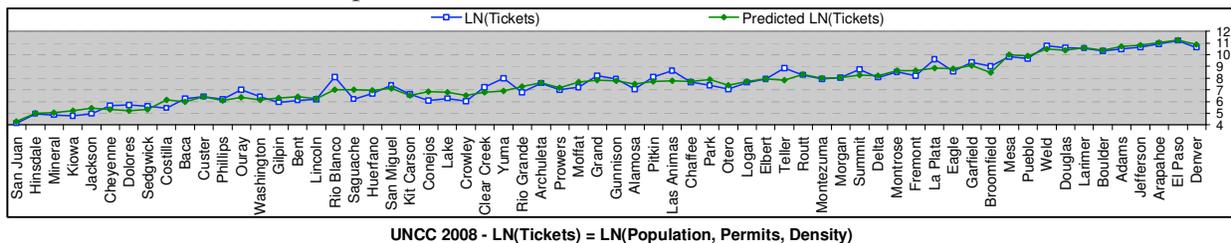
The *Public Awareness Metric* assesses how much Reported Incoming Tickets vary from Predicted Incoming Tickets, as measured by a statewide linear least-squares regression. The regression is a function of *population, housing permits and population density* in each of 64 counties. The metric is effectively measuring the variation around the regression line for all counties. Counties with a metric higher than the regression line have higher levels of public awareness than counties with a metric lower than the regression line.

Incorporating building permits into the regression analysis improves the estimate of tickets by factoring in local construction activity and economic growth cycles. Incorporating population density into the regression analysis improves the estimate of tickets by factoring in relatively lower ticket levels in higher density businesses and residential areas.

Since a least squares regression estimates the best linear line through the data, the raw data is transformed with the Natural Log function to better estimate the linear relationship between incoming tickets and the other three independent data variables. The three charts below represent the linear relationship between Ln(Incoming Tickets) on the vertical axis and Ln(Population), Ln(Permits) and Ln(Density) on the horizontal axis. The reader can clearly see that the transformation approximates a linear relationship and so should improve the estimate of the least squares regression.



The chart below shows the result of the regression analysis. The open square represents the actual Ln(Tickets) while the closed diamond represents the predicted Ln(Tickets). Stated again, counties with actual tickets higher than predicted tickets have a higher level of public awareness than those counties with actual tickets lower than predicted tickets.



To determine the *Public Awareness Metric* from the regression analysis, the Exponential Function is used to transform the data back to its natural level and then the ratio of ( Reported Tickets / Predicted Tickets ) is formed. A ratio of 1.0 indicates Reported Tickets equal Predicted Tickets; signifying the Reported Tickets are appropriate for the population size, the construction activity and the population density in the county – based upon the pattern of all other counties. A ratio of 2.0 indicates Reported Tickets are 2 \* Predicted Tickets; a significantly better ticket level than predicted. A ratio of 0.5 indicates Reported Tickets are 1/2 \* Predicted Tickets; a significantly worse ticket level than predicted. For 2008, the *Public Awareness Metric* ranged from 0.45 for Saguache to 2.92 for Rio Blanco County.

The 64 counties are then ranked from the highest (Rank=1) to lowest (Rank=64) with the highest metric receiving a score of 4.0 and the lowest metric receiving a score of 0.0. A grading table is then used to assign a letter grade from A+ to F-.

A quartile ranking/grading system is used with 50% of the counties receiving a grade of C- to C+, 25% of the counties receiving a grade of B- to A+, and 25% of the counties receiving a grade of D+ to F-.

# Measuring County Damage Prevention Grades - 2008

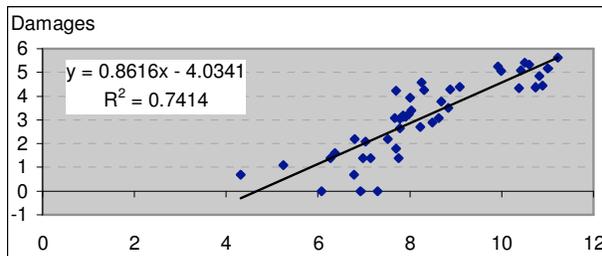
## Description of the Compound Damage Prevention Measure

The *Compound Damage Prevention Metric* assesses how much the Reported Facility Damages per 1,000 Incoming Tickets vary from the Predicted Facility Damages per 1,000 Incoming Tickets, as measured by a statewide linear least-squares regression. The regression is a function of *Predicted Incoming Tickets* in each of 64 counties. Since Predicted Incoming Tickets for each county is based upon a linear regression of population, net migration and population density, the Predicted Facility Damages regression factors in incoming ticket levels as well as local population size, local construction activity and economic growth cycles, and local population density levels.

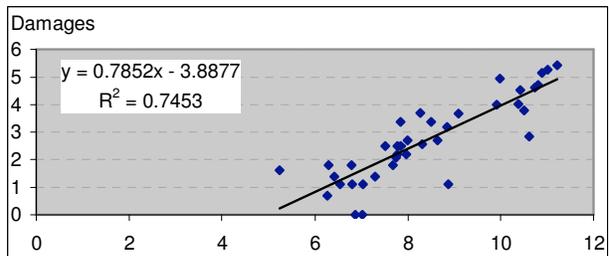
The metric is effectively measuring the variation around the regression line for all counties. Counties with a metric higher than the regression line (transformed to a base value of 100) have higher levels of facility damage than counties with a metric lower than the regression line. Counties that do not have reported damages receive the predicted metric, clustering them near the base level of 100 (the regression line) without penalizing them for not reporting.

The *Compound Damage Prevention Metric* is a compound (a weighted average) assessment of damages for the Natural Gas, Electric, Telecom and Cable TV facility types. The *Compound Damage Prevention Metric* does not include damages for water, sewer or pipeline facilities since too few counties reported damages and a regression model could not be built. Each regression is based upon the number of counties with reported damages: Telecom (45 counties), Natural Gas (38 counties), Electric (24 counties), and Cable TV (17 counties).

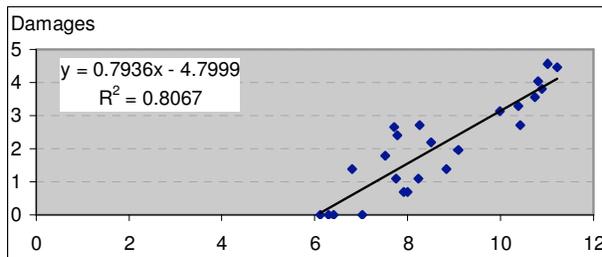
Since a least squares regression estimates the best linear line through the data, the raw data is transformed with the Natural Log function to better estimate the linear relationship between facility damages and incoming tickets. The charts below represent the linear relationship between Ln(Facility Type Damages) on the vertical axis and Ln(Incoming Tickets) on the horizontal axis. The reader can see that the transformation approximates a linear relationship and so should improve the estimate of the least squares regression.



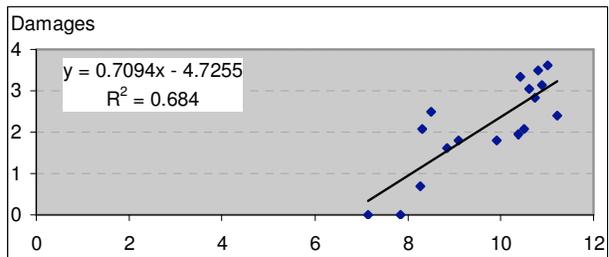
UNCC 2008 - LN(Telecom Damages) vs LN(Tickets)



UNCC 2008 - LN(NatGas Damages) vs LN(Tickets)



UNCC 2008 - LN(Electric Damages) vs LN(Tickets)



UNCC 2008 - LN(CableTV Damages) vs LN(Tickets)

To determine the *Damage Prevention Metric* for each facility type from the regression analysis, the Exponential Function is used to transform the data back to its natural level and then a complex algorithm is formed for each facility type based upon three calculated measures: 1) the ratio of Reported Damages per 1,000 Reported Tickets, 2) the ratio of Predicted Damages per 1,000 Predicted Tickets, and 3) the difference of Reported Damages per 1,000 Reported Tickets less Predicted Damages per 1,000 Predicted Tickets. Each measure is then normalized with the median and standard deviation to a base of 100. Note that the use of the three measures to form each of the four facility type metrics allows the metric to be

## Measuring County Damage Prevention Grades - 2008

determined even if no damages are reported in a county. The four facility types are then summed based upon a weighted risk factor to form the *Compound Damage Prevention Metric* for each county ( Telecom weight=20%, Natural Gas weight=30%, Electric weight=30%, Cable TV weight=20% ).

A ratio of 100.0 for the metric indicates Reported Damages per 1,000 Tickets equal Predicted Damages per 1,000 Tickets; signifying the Reported Damages are appropriate for the level of Incoming Tickets in the county – based upon the pattern of all other counties. A ratio above 100.0 indicates Reported Damages are greater than Predicted Damages; a worse damage level than predicted. A ratio below 100.0 indicates Reported Damages are less than Predicted Damages; a better damage level than predicted. For 2008, the *Compound Damage Prevention Metric* ranged from 104.4 for San Juan to 98.1 for Boulder County.

The 64 counties are then ranked from the lowest (Rank=1) to highest (Rank=64) with the lowest metric receiving a score of 4.0 and the highest metric receiving a score of 0.0. A grading table is then used to assign a letter grade from A+ to F-.

A quartile ranking/grading system is used with 50% of the counties receiving a grade of C- to C+, 25% of the counties receiving a grade of B- to A+, and 25% of the counties receiving a grade of D+ to F-.

### Description of the Composite Damage Prevention Grade

The *Composite Damage Prevention Score* is formed through a weighted sum of the scores for each of the three damage prevention sections: 1-Area Damage Reporting, 2-Public Awareness, and 3-Compound Damage Prevention. The assigned weights are Public Awareness Metric=40%, Damage Prevention Metric=40%, and Area Reporting Metric=20%. For 2008, the *Composite Damage Prevention Score* ranged from 0.9 for Lake to 3.2 for El Paso County.

The 64 counties are then ranked using the composite score from the highest (Rank=1) to lowest (Rank=64). A grading table is then used to assign a letter grade from A+ to F-.

A quartile ranking/grading system is used with 50% of the counties receiving a grade of C- to C+, 25% of the counties receiving a grade of B- to A+, and 25% of the counties receiving a grade of D+ to F-.

### Colorado Damage Prevention Report Cards

Pages 27 through 90 show the Damage Prevention Report Card for each of the 64 Colorado counties: All of the demographic and One-Call data used to generate each metric, score, rank and grade is included on the report card. The rankings and grades on the report card are the same as those presented in the tables on pages 22-26.

# Measuring County Damage Prevention Grades - 2008

Below is the summary of the letter grades from the Damage Prevention Report Card for the *Area Damage Reporting, Public Awareness, Compound Damage Prevention* and *Composite Damage Prevention* scoring sections. The following four pages provide a brief discussion and review of the *Score, Rank and Grade* for each of the scoring sections on the report card. The *Composite Damage Prevention Grade* is listed in descending order. El Paso County received the best *Composite Damage Prevention Grade* of “B+” as well as the best *Area Reporting Grade* of “A+”. Rio Blanco received the best *Public Awareness Grade* of “A+”. Boulder received the best *Compound Damage Prevention Grade* of “A+”.

County	Reported Tickets	Reported Damages	Area Reporting Grade	Public Awareness Grade	Damage Prevention Grade	Composite Grade
El Paso	73,756	648	A+	C	A	B+
Boulder	30,287	166	C+	C	A+	B
Weld	46,671	294	C+	C+	A	B
Rio Blanco	3,312	12	D	A+	B-	B
Teller	6,960	36	D-	A	B	B-
Garfield	11,325	134	B+	C+	B	B-
Las Animas	5,620	43	D+	A-	B-	B-
Broomfield	8,189	68	C+	B+	C+	B-
Douglas	39,386	300	C+	C+	B+	B-
Arapahoe	55,683	503	B+	C	B	B-
Larimer	38,516	251	C-	C	A-	C+
Adams	35,378	235	B	C-	B+	C+
La Plata	15,112	76	D-	B+	B	C+
Jefferson	41,747	330	B+	C-	B	C+
Denver	41,038	325	C+	C-	B+	C+
Summit	6,363	156	C+	B	C-	C+
Montezuma	2,784	70	B	C	C	C
Yuma	2,937	1	F	A	C	C
Grand	3,709	53	D	B	C	C
Chaffee	2,112	15	C-	C	C+	C
Mesa	18,601	322	C-	C	C+	C
Eagle	5,424	66	C+	C-	C+	C
Clear Creek	1,382	8	D-	B	C	C
Pueblo	16,209	254	D	C-	B	C
Gunnison	2,726	37	C-	C+	C-	C-
San Miguel	1,632	5	F+	B-	C+	C-
Delta	3,197	18	D-	C-	B-	C-
Ouray	1,085	5	F	B+	C-	C-
Kit Carson	767	3	D-	C+	C	C-
Pitkin	3,305	84	D+	B	D	C-
Elbert	2,752	35	D-	C	C	D+
Lincoln	497	6	D-	C	C-	D+

County	Reported Tickets	Reported Damages	Area Reporting Grade	Public Awareness Grade	Damage Prevention Grade	Composite Grade
Routt	3,935	92	D	C	D+	D+
Logan	2,071	6	F	C	C+	D+
Montrose	5,105	44	F	C	C+	D+
Washington	607	0	F-	B-	C-	D+
Phillips	494	1	F	C+	C-	D
Morgan	3,059	30	F	C	C	D
Custer	629	0	F-	C+	C-	D
Archuleta	1,950	0	F-	C	C	D
Prowers	1,097	0	F-	C	C	D
Fremont	3,685	37	D-	D	C+	D
Baca	523	0	F-	C+	D+	D
Huerfano	813	4	F	D+	C	D
Moffat	1,357	28	D-	D	C	D
Bent	453	5	D+	D+	D	D
Cheyenne	284	0	F-	B	D	D
Otero	1,188	0	F-	D+	C	D
Sedgwick	275	0	F-	B-	D	D
Park	1,604	25	D-	D-	C	D
Rio Grande	894	5	D-	D-	C	D
Dolores	303	8	D-	B	F	D
Alamosa	1,141	27	C-	D	D-	D-
Jackson	143	0	F-	D	D+	D-
Hinsdale	144	0	F-	C	D-	D-
Saguache	505	2	D+	F-	C	D-
Conejos	444	1	D-	F	C	D-
Crowley	421	0	F-	D-	C-	D-
Mineral	128	0	F-	C-	D-	D-
Gilpin	379	7	D+	D	F+	D-
Kiowa	118	0	F-	D	D	D-
San Juan	64	2	F	C-	F-	F+
Costilla	236	1	D-	F	D	F+
Lake	530	16	C-	F+	F	F+

## Measuring County Damage Prevention Grades - 2008

Below is the summary of *Composite Damage Prevention Score, Rank and Grade* for each county. The *Composite Damage Prevention Score* is a weighted sum of the public awareness score (40%), the compound damage prevention score (40%), and the area reporting score (20%). The *Composite Damage Prevention Score* is based upon a 0 (worst) to a 4 (best) point scoring system. The *Composite Damage Prevention Score* is listed in descending order. El Paso County received the best *Composite Damage Prevention Grade* of “B+”.

County	Reported Tickets	Reported Damages	Composite Score	Composite Rank	Composite Grade
El Paso	73,756	648	3.24	1	B+
Boulder	30,287	166	3.11	2	B
Weld	46,671	294	3.05	3	B
Rio Blanco	3,312	12	3.05	4	B
Teller	6,960	36	2.96	5	B-
Garfield	11,325	134	2.92	6	B-
Las Animas	5,620	43	2.88	7	B-
Broomfield	8,189	68	2.87	8	B-
Douglas	39,386	300	2.87	8	B-
Arapahoe	55,683	503	2.84	10	B-
Larimer	38,516	251	2.80	11	C+
Adams	35,378	235	2.76	12	C+
La Plata	15,112	76	2.76	13	C+
Jefferson	41,747	330	2.76	14	C+
Denver	41,038	325	2.71	15	C+
Summit	6,363	156	2.63	16	C+
Montezuma	2,784	70	2.52	17	C
Yuma	2,937	1	2.52	18	C
Grand	3,709	53	2.51	19	C
Chaffee	2,112	15	2.48	20	C
Mesa	18,601	322	2.48	20	C
Eagle	5,424	66	2.47	22	C
Clear Creek	1,382	8	2.44	23	C
Pueblo	16,209	254	2.43	24	C
Gunnison	2,726	37	2.40	25	C-
San Miguel	1,632	5	2.31	26	C-
Delta	3,197	18	2.28	27	C-
Ouray	1,085	5	2.24	28	C-
Kit Carson	767	3	2.20	29	C-
Pitkin	3,305	84	2.20	29	C-
Elbert	2,752	35	2.20	31	D+
Lincoln	497	6	2.12	32	D+
Routt	3,935	92	2.11	33	D+
Logan	2,071	6	2.08	34	D+
Montrose	5,105	44	2.08	34	D+
Washington	607	0	2.00	36	D+
Phillips	494	1	2.00	37	D
Morgan	3,059	30	2.00	38	D
Custer	629	0	1.92	39	D
Archuleta	1,950	0	1.92	40	D
Prowers	1,097	0	1.92	40	D
Fremont	3,685	37	1.92	42	D
Baca	523	0	1.84	43	D
Huerfano	813	4	1.84	44	D
Moffat	1,357	28	1.84	44	D
Bent	453	5	1.80	46	D
Cheyenne	284	0	1.80	46	D
Otero	1,188	0	1.76	48	D
Sedgwick	275	0	1.72	49	D
Park	1,604	25	1.64	50	D
Rio Grande	894	5	1.64	50	D
Dolores	303	8	1.61	52	D
Alamosa	1,141	27	1.48	53	D-
Jackson	143	0	1.40	54	D-
Hinsdale	144	0	1.36	55	D-
Saguache	505	2	1.36	55	D-
Conejos	444	1	1.29	57	D-
Crowley	421	0	1.28	58	D-
Mineral	128	0	1.28	58	D-
Gilpin	379	7	1.26	60	D-
Kiowa	118	0	1.20	61	D-
San Juan	64	2	0.96	62	F+
Costilla	236	1	0.93	63	F+
Lake	530	16	0.87	64	F+

# Measuring County Damage Prevention Grades - 2008

Below is the summary of the **Compound Damage Prevention** scoring section showing the *Metric, Score, Rank and Grade* for each county. The *Compound Damage Prevention Metric* assesses how much the Reported Facility Damages vary from the Predicted Facility Damages, as measured by a statewide least-squares regression. The regression is a function of predicted tickets in each of 64 counties. The metric is effectively measuring the variation around the regression line for all counties. Counties with a metric higher than 100 have higher levels of facility damage than counties with a metric lower than 100. Counties without reported damages receive the predicted metric, clustering them near the regression line without penalizing them for not reporting. The *Compound Damage Prevention Metric* is a compound assessment of damages for Natural Gas, Electric, Telecom and Cable TV facilities. The metric does not include damages for water, sewer or pipeline facilities since too few damages were reported to build a regression model. Boulder County received the best *Compound Damage Prevention Grade* of "A+".

County	Reported Tickets	Reported Damages	Damage Prevention Metric	Damage Prevention Score	Damage Prevention Rank	Damage Prevention Grade
Boulder	30,287	166	98.05	4.00	1	A+
Weld	46,671	294	98.07	3.70	2	A
El Paso	73,756	648	98.25	3.70	3	A
Larimer	38,516	251	98.30	3.40	4	A-
Adams	35,378	235	98.40	3.20	5	B+
Douglas	39,386	300	98.45	3.20	6	B+
Denver	41,038	325	98.70	3.20	7	B+
La Plata	15,112	76	98.73	3.00	8	B
Jefferson	41,747	330	98.79	3.00	9	B
Arapahoe	55,683	503	98.93	3.00	10	B
Garfield	11,325	134	99.03	3.00	11	B
Pueblo	16,209	254	99.24	3.00	12	B
Teller	6,960	36	99.33	3.00	13	B
Las Animas	5,620	43	99.36	2.80	14	B-
Delta	3,197	18	99.43	2.80	15	B-
Rio Blanco	3,312	12	99.52	2.80	16	B-
Eagle	5,424	66	99.57	2.60	17	C+
Fremont	3,685	37	99.59	2.60	18	C+
Chaffee	2,112	15	99.59	2.60	19	C+
Montrose	5,105	44	99.67	2.60	20	C+
Logan	2,071	6	99.79	2.60	21	C+
Broomfield	8,189	68	99.83	2.60	22	C+
San Miguel	1,632	5	99.86	2.60	23	C+
Mesa	18,601	322	99.93	2.60	24	C+
Elbert	2,752	35	99.94	2.40	25	C
Rio Grande	894	5	99.94	2.40	26	C
Archuleta	1,950	0	100.02	2.40	27	C
Saguache	505	2	100.04	2.40	28	C
Morgan	3,059	30	100.06	2.40	29	C
Conejos	444	1	100.08	2.40	30	C
Yuma	2,937	1	100.09	2.40	31	C
Otero	1,188	0	100.12	2.40	32	C

County	Reported Tickets	Reported Damages	Damage Prevention Metric	Damage Prevention Score	Damage Prevention Rank	Damage Prevention Grade
Grand	3,709	53	100.19	2.40	33	C
Clear Creek	1,382	8	100.21	2.40	34	C
Prowers	1,097	0	100.29	2.40	35	C
Park	1,604	25	100.30	2.40	36	C
Huerfano	813	4	100.34	2.40	37	C
Kit Carson	767	3	100.58	2.40	38	C
Montezuma	2,784	70	100.62	2.40	39	C
Moffat	1,357	28	100.72	2.40	40	C
Crowley	421	0	100.74	2.20	41	C-
Summit	6,363	156	100.74	2.20	42	C-
Ouray	1,085	5	100.74	2.20	43	C-
Phillips	494	1	100.80	2.20	44	C-
Custer	629	0	100.82	2.20	45	C-
Gunnison	2,726	37	100.86	2.20	46	C-
Lincoln	497	6	100.89	2.20	47	C-
Washington	607	0	101.04	2.20	48	C-
Baca	523	0	101.14	2.00	49	D+
Routt	3,935	92	101.48	2.00	50	D+
Jackson	143	0	101.66	2.00	51	D+
Bent	453	5	101.70	1.50	52	D
Sedgwick	275	0	101.75	1.50	53	D
Cheyenne	284	0	101.76	1.50	54	D
Kiowa	118	0	101.85	1.50	55	D
Costilla	236	1	101.91	1.50	56	D
Pitkin	3,305	84	101.93	1.50	57	D
Mineral	128	0	102.02	1.00	58	D-
Hinsdale	144	0	102.07	1.00	59	D-
Alamosa	1,141	27	102.73	1.00	60	D-
Gilpin	379	7	103.24	0.66	61	F+
Lake	530	16	103.62	0.33	62	F
Dolores	303	8	104.09	0.33	63	F
San Juan	64	2	104.42	0.00	64	F-

## Measuring County Damage Prevention Grades - 2008

Below is the summary of the **Public Awareness** scoring section showing the *Metric, Score, Rank and Grade* for each county. The *Public Awareness Metric* assesses how much Reported Incoming Tickets vary from Predicted Incoming Tickets, as measured by a statewide least-squares regression. The regression is a function of population, housing permits and population density in each of 64 counties. The metric is effectively measuring the variation around the regression line for all counties. Counties with a metric higher than the regression line have higher levels of public awareness than counties with a metric lower than the regression line. Rio Blanco County received the best *Public Awareness Grade* of “A+”.

County	Reported Tickets	Reported Damages	Public Awareness Metric	Public Awareness Score	Public Awareness Rank	Public Awareness Grade
Rio Blanco	3,312	12	2.92	4.00	1	A+
Yuma	2,937	1	2.88	3.70	2	A
Teller	6,960	36	2.71	3.70	3	A
Las Animas	5,620	43	2.36	3.40	4	A-
La Plata	15,112	76	2.11	3.20	5	B+
Ouray	1,085	5	1.85	3.20	6	B+
Broomfield	8,189	68	1.67	3.20	7	B+
Summit	6,363	156	1.65	3.00	8	B
Dolores	303	8	1.60	3.00	9	B
Clear Creek	1,382	8	1.55	3.00	10	B
Pitkin	3,305	84	1.49	3.00	11	B
Grand	3,709	53	1.46	3.00	12	B
Cheyenne	284	0	1.41	3.00	13	B
Sedgwick	275	0	1.35	2.80	14	B-
Washington	607	0	1.33	2.80	15	B-
San Miguel	1,632	5	1.29	2.80	16	B-
Baca	523	0	1.29	2.60	17	C+
Garfield	11,325	134	1.28	2.60	18	C+
Weld	46,671	294	1.28	2.60	19	C+
Douglas	39,386	300	1.18	2.60	20	C+
Gunnison	2,726	37	1.14	2.60	21	C+
Phillips	494	1	1.13	2.60	22	C+
Kit Carson	767	3	1.10	2.60	23	C+
Custer	629	0	1.04	2.60	24	C+
Morgan	3,059	30	1.00	2.40	25	C
El Paso	73,756	648	0.99	2.40	26	C
Archuleta	1,950	0	0.99	2.40	27	C
Hinsdale	144	0	0.97	2.40	28	C
Routt	3,935	92	0.97	2.40	29	C
Larimer	38,516	251	0.96	2.40	30	C
Elbert	2,752	35	0.95	2.40	31	C
Lincoln	497	6	0.94	2.40	32	C
Boulder	30,287	166	0.94	2.40	33	C
Logan	2,071	6	0.94	2.40	34	C
Montezuma	2,784	70	0.94	2.40	35	C
Arapahoe	55,683	503	0.92	2.40	36	C
Chaffee	2,112	15	0.91	2.40	37	C
Montrose	5,105	44	0.87	2.40	38	C
Mesa	18,601	322	0.86	2.40	39	C
Prowers	1,097	0	0.85	2.40	40	C
San Juan	64	2	0.85	2.20	41	C-
Delta	3,197	18	0.85	2.20	42	C-
Jefferson	41,747	330	0.84	2.20	43	C-
Mineral	128	0	0.82	2.20	44	C-
Pueblo	16,209	254	0.80	2.20	45	C-
Eagle	5,424	66	0.79	2.20	46	C-
Adams	35,378	235	0.77	2.20	47	C-
Denver	41,038	325	0.76	2.20	48	C-
Huerfano	813	4	0.75	2.00	49	D+
Bent	453	5	0.74	2.00	50	D+
Otero	1,188	0	0.71	2.00	51	D+
Gilpin	379	7	0.70	1.50	52	D
Fremont	3,685	37	0.65	1.50	53	D
Kiowa	118	0	0.64	1.50	54	D
Jackson	143	0	0.64	1.50	55	D
Moffat	1,357	28	0.63	1.50	56	D
Alamosa	1,141	27	0.62	1.50	57	D
Crowley	421	0	0.62	1.00	58	D-
Rio Grande	894	5	0.60	1.00	59	D-
Park	1,604	25	0.59	1.00	60	D-
Lake	530	16	0.59	0.66	61	F+
Costilla	236	1	0.52	0.33	62	F
Conejos	444	1	0.46	0.33	63	F
Saguache	505	2	0.45	0.00	64	F-

## Measuring County Damage Prevention Grades - 2008

Below is a summary of the **Area Reporting** grading section showing the *Metric, Score, Rank and Grade* for each county. The *Area Reporting Metric* and Score assess how complete the damage reporting was for each facility type within a county. Each facility type is assigned a risk weight factor based upon relative risk of damage to humans and property. For each facility type with a reported damage in the county, the risk factors are summed and divided by two. Counties with a higher metric have higher levels of facility damage reporting than counties with a lower metric. Although the counties are ranked, every county could receive the maximum metric and a grade of "A+" if damages were reported for every facility type. This metric penalizes counties where few or no damages were reported. El Paso County received the best *Area Reporting Grade* of "A+".

County	Reported Tickets	Reported Damages	Area Reporting Metric	Area Reporting Score	Area Reporting Rank	Area Reporting Grade
El Paso	73,756	648	4.00	4.00	1	A+
Arapahoe	55,683	503	3.38	3.38	2	B+
Garfield	11,325	134	3.38	3.38	2	B+
Jefferson	41,747	330	3.38	3.38	2	B+
Adams	35,378	235	3.00	3.00	5	B
Montezuma	2,784	70	3.00	3.00	5	B
Boulder	30,287	166	2.75	2.75	7	C+
Broomfield	8,189	68	2.75	2.75	7	C+
Denver	41,038	325	2.75	2.75	7	C+
Douglas	39,386	300	2.75	2.75	7	C+
Eagle	5,424	66	2.75	2.75	7	C+
Summit	6,363	156	2.75	2.75	7	C+
Weld	46,671	294	2.63	2.63	13	C+
Alamosa	1,141	27	2.38	2.38	14	C-
Chaffee	2,112	15	2.38	2.38	14	C-
Gunnison	2,726	37	2.38	2.38	14	C-
Lake	530	16	2.38	2.38	14	C-
Larimer	38,516	251	2.38	2.38	14	C-
Mesa	18,601	322	2.38	2.38	14	C-
Bent	453	5	2.00	2.00	20	D+
Gilpin	379	7	2.00	2.00	20	D+
Las Animas	5,620	43	2.00	2.00	20	D+
Pitkin	3,305	84	2.00	2.00	20	D+
Saguache	505	2	2.00	2.00	20	D+
Grand	3,709	53	1.75	1.75	25	D
Pueblo	16,209	254	1.75	1.75	25	D
Routt	3,935	92	1.75	1.75	25	D
Rio Blanco	3,312	12	1.63	1.63	28	D
Clear Creek	1,382	8	1.38	1.38	29	D-
Delta	3,197	18	1.38	1.38	29	D-
Dolores	303	8	1.38	1.38	29	D-
Elbert	2,752	35	1.38	1.38	29	D-
Fremont	3,685	37	1.38	1.38	29	D-
La Plata	15,112	76	1.38	1.38	29	D-
Lincoln	497	6	1.38	1.38	29	D-
Moffat	1,357	28	1.38	1.38	29	D-
Park	1,604	25	1.38	1.38	29	D-
Rio Grande	894	5	1.38	1.38	29	D-
Teller	6,960	36	1.38	1.38	29	D-
Conejos	444	1	1.00	1.00	40	D-
Costilla	236	1	1.00	1.00	40	D-
Kit Carson	767	3	1.00	1.00	40	D-
San Miguel	1,632	5	0.75	0.75	43	F+
Huerfano	813	4	0.38	0.38	44	F
Logan	2,071	6	0.38	0.38	44	F
Montrose	5,105	44	0.38	0.38	44	F
Morgan	3,059	30	0.38	0.38	44	F
Ouray	1,085	5	0.38	0.38	44	F
Phillips	494	1	0.38	0.38	44	F
San Juan	64	2	0.38	0.38	44	F
Yuma	2,937	1	0.38	0.38	44	F
Archuleta	1,950	0	0.00	0.00	52	F-
Baca	523	0	0.00	0.00	52	F-
Cheyenne	284	0	0.00	0.00	52	F-
Crowley	421	0	0.00	0.00	52	F-
Custer	629	0	0.00	0.00	52	F-
Hinsdale	144	0	0.00	0.00	52	F-
Jackson	143	0	0.00	0.00	52	F-
Kiowa	118	0	0.00	0.00	52	F-
Mineral	128	0	0.00	0.00	52	F-
Otero	1,188	0	0.00	0.00	52	F-
Prowers	1,097	0	0.00	0.00	52	F-
Sedgwick	275	0	0.00	0.00	52	F-
Washington	607	0	0.00	0.00	52	F-

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Adams**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C-
2) Damage Prevention Metric	B+
3) Area Reporting Metric	B
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	435,121	8.68%	5,013,015						
Housing Permits	782	4.12%	18,998						
Pop Density	368	7.64	48						
Net Migration	5,854	11.74%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	35,378	6.28%	563,041		45,917				
Facility Damages	235	4.80%	4,900		337	6.6	7.3	-0.7	
Telecom	80	3.07%	2,602	20%	184	2.3	4.0	-1.7	2
Natural Gas	102	6.71%	1,521	30%	94	2.9	2.0	0.8	10
Electric	35	7.42%	472	30%	41	1.0	0.9	0.1	4
Cable TV	17	7.52%	226	20%	18	0.5	0.4	0.1	7
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	1	10.00%	10		No Prediction	0.0	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.77	47	2.20	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.40	5	3.20	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	0	0	3.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	2.76
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Alamosa**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D
2) Damage Prevention Metric	D-
3) Area Reporting Metric	C-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	15,788	0.31%	5,013,015						
Housing Permits	58	0.31%	18,998						
Pop Density	22	0.45	48						
Net Migration	-113	-0.23%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,141	0.20%	563,041		1,834				
Facility Damages	27	0.55%	4,900		24	23.7	13.1	10.6	
Telecom	9	0.35%	2,602	20%	11	7.9	6.3	1.6	39
Natural Gas	12	0.79%	1,521	30%	7	10.5	4.1	6.4	62
Electric	6	1.27%	472	30%	3	5.3	1.7	3.5	63
Cable TV	None Reported	0.00%	226	20%	2	None Reported	1.0	None Reported	32
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.62	57	1.50	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	102.73	60	1.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	1	1	1	0	0	0	0	2.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								53	1.48
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Arapahoe**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	B
3) Area Reporting Metric	B+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	563,727	11.25%	5,013,015						
Housing Permits	1,764	9.29%	18,998						
Pop Density	701	14.56	48						
Net Migration	6,883	13.81%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	55,683	9.89%	563,041		60,252				
Facility Damages	503	10.27%	4,900		421	9.0	7.0	2.0	
Telecom	177	6.80%	2,602	20%	232	3.2	3.9	-0.7	4
Natural Gas	192	12.62%	1,521	30%	116	3.4	1.9	1.5	12
Electric	96	20.34%	472	30%	51	1.7	0.8	0.9	16
Cable TV	37	16.37%	226	20%	22	0.7	0.4	0.3	14
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	1	16.67%	6		No Prediction	0.0	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.92	36	2.40	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.93	10	3.00	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F						Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	3.38	2	3.38	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>							Not Available 2008		
Stakeholder Damage Prevention Activities								0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	10	2.84
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Archuleta**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	12,999	0.26%	5,013,015						
Housing Permits	153	0.81%	18,998						
Pop Density	10	0.20	48						
Net Migration	317	0.64%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,950	0.35%	563,041		1,980				
Facility Damages	0	0.00%	4,900		26	0.0	12.9	-12.9	
Telecom	None Reported	0.00%	2,602	20%	12	None Reported	6.2	None Reported	28
Natural Gas	None Reported	0.00%	1,521	30%	8	None Reported	4.0	None Reported	30
Electric	None Reported	0.00%	472	30%	3	None Reported	1.7	None Reported	30
Cable TV	None Reported	0.00%	226	20%	2	None Reported	1.0	None Reported	31
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.99	27	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.02	27	2.40	
	A B C+		C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	52	
Risk Weighting Factor : SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	0.00	
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities								
	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	40
									1.92
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)

Reporting Year **2008**  
County **Baca**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C+
<b>2) Damage Prevention Metric</b>	D+
<b>3) Area Reporting Metric</b>	F-
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	D

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	4,102	0.08%	5,013,015						
Housing Permits	0	0.00%	18,998						
Pop Density	2	0.03	48						
Net Migration	-59	-0.12%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	523	0.09%	563,041		406				
Facility Damages	0	0.00%	4,900		7	0.0	17.3	-17.3	
Telecom	None Reported	0.00%	2,602	20%	3	None Reported	7.7	None Reported	46
Natural Gas	None Reported	0.00%	1,521	30%	2	None Reported	5.6	None Reported	50
Electric	None Reported	0.00%	472	30%	1	None Reported	2.4	None Reported	49
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.5	None Reported	54
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.29	17	2.60	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.14	49	2.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities							Not Available 2008	
									0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	43
									1.84
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Bent**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D+
2) Damage Prevention Metric	D
3) Area Reporting Metric	D+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	5,580	0.11%	5,013,015						
Housing Permits	5	0.03%	18,998						
Pop Density	4	0.08	48						
Net Migration	-346	-0.69%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	453	0.08%	563,041		611				
Facility Damages	5	0.10%	4,900		10	11.0	16.0	-5.0	
Telecom	None Reported	0.00%	2,602	20%	4	None Reported	7.3	None Reported	40
Natural Gas	4	0.26%	1,521	30%	3	8.8	5.2	3.7	61
Electric	1	0.21%	472	30%	1	2.2	2.2	0.0	50
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.4	None Reported	46
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.74	50	2.00	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.70	52	1.50	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	0	0	0	2.00	20	2.00	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	46	1.80
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Boulder**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	A+
3) Area Reporting Metric	C+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	297,356	5.93%	5,013,015						
Housing Permits	1,022	5.38%	18,998						
Pop Density	402	8.34	48						
Net Migration	340	0.68%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	30,287	5.38%	563,041		252				
Facility Damages	166	3.39%	4,900			5.5	7.8	-2.3	
Telecom	76	2.92%	2,602	20%	136	2.5	4.2	-1.7	3
Natural Gas	56	3.68%	1,521	30%	71	1.8	2.2	-0.4	4
Electric	27	5.72%	472	30%	31	0.9	1.0	-0.1	3
Cable TV	7	3.10%	226	20%	14	0.2	0.4	-0.2	3
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max			
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64	
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.94	33	2.40
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64	
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.05	1	4.00
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth						Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	0	0	2.75
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%
Risk Weighting Factor : $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	
<b>4) Stakeholder Participation Metric</b>							Best=1 Worst=64	
Stakeholder Damage Prevention Activities							Not Available 2008	0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	2
								3.11
								100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Broomfield**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B+
2) Damage Prevention Metric	C+
3) Area Reporting Metric	C+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	58,000	1.16%	5,013,015						
Housing Permits	827	4.35%	18,998						
Pop Density	1,706	35.42	48						
Net Migration	1,246	2.50%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	8,189	1.45%	563,041		4,899				
Facility Damages	68	1.39%	4,900		54	8.3	10.9	-2.6	
Telecom	18	0.69%	2,602	20%	27	2.2	5.5	-3.3	8
Natural Gas	29	1.91%	1,521	30%	16	3.5	3.3	0.2	20
Electric	9	1.91%	472	30%	7	1.1	1.4	-0.3	15
Cable TV	12	5.31%	226	20%	4	1.5	0.8	0.7	62
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.67	7	3.20	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.83	22	2.60	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	0	0		
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	8	2.87
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Chaffee**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C+
3) Area Reporting Metric	C-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	17,007	0.34%	5,013,015						
Housing Permits	135	0.71%	18,998						
Pop Density	17	0.35	48						
Net Migration	86	0.17%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	2,112	0.38%	563,041		2,324				
Facility Damages	15	0.31%	4,900		29	7.1	12.5	-5.4	
Telecom	4	0.15%	2,602	20%	14	1.9	6.1	-4.2	12
Natural Gas	8	0.53%	1,521	30%	9	3.8	3.9	-0.1	24
Electric	3	0.64%	472	30%	4	1.4	1.7	-0.2	22
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	26
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		0.91	37	2.40	
	F D C		C	C+ B	A				40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		99.59	19	2.60	
	A B C+		C	C- D	F				40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	1	1	1	0	0	0	2.38	14	2.38	
# Counties with Reported Damages in State	38	24	45	17	6	4			20%	
Risk Weighting Factor : SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x			
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64		
Stakeholder Damage Prevention Activities								Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	20	2.48
										100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year 2008  
County Cheyenne

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B
2) Damage Prevention Metric	D
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	1,898	0.04%	5,013,015						
Housing Permits	0	0.00%	18,998						
Pop Density	1	0.02	48						
Net Migration	-103	-0.21%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	284	0.05%	563,041		202				
Facility Damages	0	0.00%	4,900		4	0.0	19.7	-19.7	
Telecom	None Reported	0.00%	2,602	20%	2	None Reported	8.5	None Reported	52
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	6.6	None Reported	55
Electric	None Reported	0.00%	472	30%	1	None Reported	2.8	None Reported	53
Cable TV	None Reported	0.00%	226	20%	0	None Reported	1.9	None Reported	57
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.41	13	3.00	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.76	54	1.50	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	46
									1.80
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Clear Creek**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	<b>B</b>
<b>2) Damage Prevention Metric</b>	<b>C</b>
<b>3) Area Reporting Metric</b>	<b>D-</b>
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value							
Population	9,376	0.19%	5,013,015							
Housing Permits	15	0.08%	18,998							
Pop Density	24	0.49	48							
Net Migration	-87	-0.17%	49,843							
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64	
Incoming Tickets	1,382	0.25%	563,041		889					
Facility Damages	8	0.16%	4,900		13	5.8	14.9	-9.1		
Telecom	2	0.08%	2,602	20%	6	1.4	6.9	-5.5	14	
Natural Gas	6	0.39%	1,521	30%	4	4.3	4.8	-0.4	39	
Electric	None Reported	0.00%	472	30%	2	None Reported	2.0	None Reported	39	
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.2	None Reported	43	
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64	
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		1.55	10	3.00
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64	
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		100.21	34	2.40
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F							Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	1.38	29	1.38
# Counties with Reported Damages in State	38	24	45	17	6	4			20%
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Not Available 2008								0%
Stakeholder Damage Prevention Activities								Best=1 Worst=64	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								23	2.44
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Conejos**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	F
2) Damage Prevention Metric	C
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	8,232	0.16%	5,013,015						
Housing Permits	15	0.08%	18,998						
Pop Density	6	0.13	48						
Net Migration	-209	-0.42%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	444	0.08%	563,041		961				
Facility Damages	1	0.02%	4,900		14	2.3	14.7	-12.5	
Telecom	None Reported	0.00%	2,602	20%	7	None Reported	6.8	None Reported	35
Natural Gas	1	0.07%	1,521	30%	5	2.3	4.7	-2.4	15
Electric	None Reported	0.00%	472	30%	2	None Reported	2.0	None Reported	38
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.2	None Reported	40
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.46	63	0.33	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.08	30	2.40	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	0	0	0	0	1.00	40	1.00	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	57	1.29
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Costilla**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	F
2) Damage Prevention Metric	D
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>F+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	3,467	0.07%	5,013,015						
Housing Permits	13	0.07%	18,998						
Pop Density	3	0.06	48						
Net Migration	-79	-0.16%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	236	0.04%	563,041		8				
Facility Damages	1	0.02%	4,900		4.2	4.2	16.9	-12.7	
Telecom	None Reported	0.00%	2,602	20%	3	None Reported	7.6	None Reported	44
Natural Gas	None Reported	0.00%	1,521	30%	2	None Reported	5.5	None Reported	47
Electric	1	0.21%	472	30%	1	4.2	2.3	1.9	62
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.5	None Reported	52
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.52	62	0.33	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.91	56	1.50	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth		
	0	1	0	0	0	0	0	1.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	40	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	1.00	
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities								Not Available 2008	0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	63
									0.93
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Crowley**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

- 1) Public Awareness Metric** D-
- 2) Damage Prevention Metric** C-
- 3) Area Reporting Metric** F-
- 4) Stakeholder Participation Metric** Not Avail. 2008
- COUNTY COMPOSITE GRADE:** D-

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	8,367	0.17%	5,013,015						
Housing Permits	2	0.01%	18,998						
Pop Density	10	0.22	48						
Net Migration	1,192	2.39%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	421	0.07%	563,041		677				
Facility Damages	0	0.00%	4,900		11	0.0	15.7	-15.7	
Telecom	None Reported	0.00%	2,602	20%	5	None Reported	7.2	None Reported	38
Natural Gas	None Reported	0.00%	1,521	30%	3	None Reported	5.1	None Reported	43
Electric	None Reported	0.00%	472	30%	1	None Reported	2.1	None Reported	43
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.3	None Reported	45
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.62	58	1.00	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.74	41	2.20	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0.00	52	0.00	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	58	1.28
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Custer**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C+
<b>2) Damage Prevention Metric</b>	C-
<b>3) Area Reporting Metric</b>	F-
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	D

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	4,224	0.08%	5,013,015						
Housing Permits	53	0.28%	18,998						
Pop Density	6	0.12	48						
Net Migration	135	0.27%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	629	0.11%	563,041		604				
Facility Damages	0	0.00%	4,900		10	0.0	16.0	-16.0	
Telecom	None Reported	0.00%	2,602	20%	4	None Reported	7.3	None Reported	41
Natural Gas	None Reported	0.00%	1,521	30%	3	None Reported	5.2	None Reported	44
Electric	None Reported	0.00%	472	30%	1	None Reported	2.2	None Reported	44
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.4	None Reported	47
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.04	24	2.60	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.82	45	2.20	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	39
									1.92
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Delta**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C-
<b>2) Damage Prevention Metric</b>	B-
<b>3) Area Reporting Metric</b>	D-
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	C-

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	31,274	0.62%	5,013,015						
Housing Permits	95	0.50%	18,998						
Pop Density	27	0.57	48						
Net Migration	279	0.56%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	3,197	0.57%	563,041		3,749				
Facility Damages	18	0.37%	4,900		43	5.6	11.5	-5.8	
Telecom	15	0.58%	2,602	20%	21	4.7	5.7	-1.0	21
Natural Gas	None Reported	0.00%	1,521	30%	13	None Reported	3.5	None Reported	22
Electric	3	0.64%	472	30%	6	0.9	1.5	-0.6	14
Cable TV	None Reported	0.00%	226	20%	3	None Reported	0.8	None Reported	18
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		0.85	42	2.20	
	F D C		C	C+ B	A				40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		99.43	15	2.80	
	A	B C+	C	C- D	F				40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	0	1	1	0	0	0	1.38	29	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4			20%	
Risk Weighting Factor : SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x			
<b>4) Stakeholder Participation Metric</b>								Not Available 2008		
Stakeholder Damage Prevention Activities									0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	27	2.28
										100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Denver**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C-
<b>2) Damage Prevention Metric</b>	B+
<b>3) Area Reporting Metric</b>	C+
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	C+

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	606,647	12.10%	5,013,015						
Housing Permits	3,180	16.74%	18,998						
Pop Density	3,889	80.75	48						
Net Migration	4,125	8.28%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	41,038	7.29%	563,041		383				
Facility Damages	325	6.63%	4,900			7.9	7.1	0.8	
Telecom	86	3.31%	2,602	20%	211	2.1	3.9	-1.8	1
Natural Gas	171	11.24%	1,521	30%	106	4.2	2.0	2.2	17
Electric	45	9.53%	472	30%	47	1.1	0.9	0.2	5
Cable TV	23	10.18%	226	20%	20	0.6	0.4	0.2	11
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max			
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64	
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.76	48	2.20
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64	
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.70	7	3.20
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F						Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	0	0	2.75
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	
<b>4) Stakeholder Participation Metric</b>							Not Available 2008	
Stakeholder Damage Prevention Activities								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	2.71
							15	100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Dolores**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B
2) Damage Prevention Metric	F
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	1,932	0.04%	5,013,015						
Housing Permits	1	0.01%	18,998						
Pop Density	2	0.04	48						
Net Migration	-9	-0.02%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	303	0.05%	563,041		189				
Facility Damages	8	0.16%	4,900		4	26.4	19.9	6.5	
Telecom	3	0.12%	2,602	20%	2	9.9	8.6	1.3	56
Natural Gas	5	0.33%	1,521	30%	1	16.5	6.6	9.9	64
Electric	None Reported	0.00%	472	30%	1	None Reported	2.8	None Reported	54
Cable TV	None Reported	0.00%	226	20%	0	None Reported	1.9	None Reported	58
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.60	9	3.00	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	104.09	63	0.33	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F						Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	1.38	29	1.38	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>							Not Available 2008		
Stakeholder Damage Prevention Activities								0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	52	1.61
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Douglas**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C+
<b>2) Damage Prevention Metric</b>	B+
<b>3) Area Reporting Metric</b>	C+
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	B-

### Report Card Metrics

Demographics	County Value	Share of State	State Value							
Population	287,352	5.73%	5,013,015							
Housing Permits	1,393	7.33%	18,998							
Pop Density	341	7.09	48							
Net Migration	8,773	17.60%	49,843							
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64	
Incoming Tickets	39,386	7.00%	563,041		259					
Facility Damages	300	6.12%	4,900			7.6	7.8	-0.1		
Telecom	165	6.34%	2,602	20%	140	4.2	4.2	0.0	7	
Natural Gas	92	6.05%	1,521	30%	73	2.3	2.2	0.1	6	
Electric	15	3.18%	472	30%	32	0.4	1.0	-0.6	1	
Cable TV	28	12.39%	226	20%	14	0.7	0.4	0.3	17	
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best									
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		1.18	20	2.60	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst									
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		98.45	6	3.20	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth									
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	0	0	2.75	7	2.75
# Counties with Reported Damages in State	38	24	45	17	6	4	1			20%
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x			
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities									
	Not Available 2008								0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								8	2.87	100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Eagle**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C-
2) Damage Prevention Metric	C+
3) Area Reporting Metric	C+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	53,898	1.08%	5,013,015						
Housing Permits	177	0.93%	18,998						
Pop Density	32	0.66	48						
Net Migration	596	1.20%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	5,424	0.96%	563,041		6,873				
Facility Damages	66	1.35%	4,900		71	12.2	10.3	1.9	
Telecom	33	1.27%	2,602	20%	36	6.1	5.2	0.9	23
Natural Gas	24	1.58%	1,521	30%	21	4.4	3.1	1.4	27
Electric	4	0.85%	472	30%	9	0.7	1.3	-0.6	7
Cable TV	5	2.21%	226	20%	5	0.9	0.7	0.2	41
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.79	46	2.20	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.57	17	2.60	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	2.75	7	2.75	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	22	2.47
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **El Paso**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C
<b>2) Damage Prevention Metric</b>	A
<b>3) Area Reporting Metric</b>	A+
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	594,437	11.86%	5,013,015						
Housing Permits	1,985	10.45%	18,998						
Pop Density	279	5.80	48						
Net Migration	1,472	2.95%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	73,756	13.10%	563,041		74,758				
Facility Damages	648	13.22%	4,900		503	8.8	6.7	2.1	
Telecom	282	10.84%	2,602	20%	280	3.8	3.7	0.1	6
Natural Gas	228	14.99%	1,521	30%	137	3.1	1.8	1.3	11
Electric	86	18.22%	472	30%	61	1.2	0.8	0.4	6
Cable TV	11	4.87%	226	20%	25	0.1	0.3	-0.2	1
Water	39	62.90%	62		No Prediction	0.5	No Prediction	No Prediction	No Prediction
Sewer	2	33.33%	6		No Prediction	0.0	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max			
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64	
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.99	26	2.40
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64	
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.25	3	3.70
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F						Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	1	1	1	1	4.00	1	4.00
# Counties with Reported Damages in State	38	24	45	17	6			20%
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	
<b>4) Stakeholder Participation Metric</b>							Not Available 2008	
Stakeholder Damage Prevention Activities								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	1
								3.24
								100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Elbert**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	22,899	0.46%	5,013,015						
Housing Permits	57	0.30%	18,998						
Pop Density	12	0.26	48						
Net Migration	-303	-0.61%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	2,752	0.49%	563,041		2,897				
Facility Damages	35	0.71%	4,900		35	12.7	12.0	0.7	
Telecom	26	1.00%	2,602	20%	17	9.4	5.9	3.6	45
Natural Gas	9	0.59%	1,521	30%	11	3.3	3.7	-0.4	19
Electric	None Reported	0.00%	472	30%	5	None Reported	1.6	None Reported	24
Cable TV	None Reported	0.00%	226	20%	3	None Reported	0.9	None Reported	21
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.95	31	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.94	25	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	0	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM( FacilityType * RWF ) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Not Available 2008	
Stakeholder Damage Prevention Activities									0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	31
									2.20
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Fremont**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D
2) Damage Prevention Metric	C+
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	48,179	0.96%	5,013,015						
Housing Permits	96	0.51%	18,998						
Pop Density	31	0.65	48						
Net Migration	242	0.49%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	3,685	0.65%	563,041		5,639				
Facility Damages	37	0.76%	4,900		60	10.0	10.7	-0.6	
Telecom	22	0.85%	2,602	20%	30	6.0	5.4	0.6	24
Natural Gas	15	0.99%	1,521	30%	18	4.1	3.2	0.9	23
Electric	None Reported	0.00%	472	30%	8	None Reported	1.4	None Reported	19
Cable TV	None Reported	0.00%	226	20%	4	None Reported	0.7	None Reported	16
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.65	53	1.50	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.59	18	2.60	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	0	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	42
									1.92
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Garfield**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C+
2) Damage Prevention Metric	B
3) Area Reporting Metric	B+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value							
Population	56,975	1.14%	5,013,015							
Housing Permits	401	2.11%	18,998							
Pop Density	19	0.40	48							
Net Migration	1,262	2.53%	49,843							
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64	
Incoming Tickets	11,325	2.01%	563,041		8,837					
Facility Damages	134	2.73%	4,900		87	11.8	9.8	2.0		
Telecom	81	3.11%	2,602	20%	44	7.2	5.0	2.1	26	
Natural Gas	39	2.56%	1,521	30%	26	3.4	2.9	0.5	16	
Electric	7	1.48%	472	30%	11	0.6	1.3	-0.6	2	
Cable TV	6	2.65%	226	20%	6	0.5	0.6	-0.1	8	
Water	1	1.61%	62		No Prediction	0.1	No Prediction	No Prediction	No Prediction	
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.28	18	2.60	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.03	11	3.00	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	1	1	0	0		
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	6	2.92
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Gilpin**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D
2) Damage Prevention Metric	F+
3) Area Reporting Metric	D+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	5,114	0.10%	5,013,015						
Housing Permits	47	0.25%	18,998						
Pop Density	34	0.71	48						
Net Migration	-65	-0.13%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	379	0.07%	563,041		541				
Facility Damages	7	0.14%	4,900		9	18.5	16.4	2.1	
Telecom	None Reported	0.00%	2,602	20%	4	None Reported	7.4	None Reported	42
Natural Gas	6	0.39%	1,521	30%	3	15.8	5.3	10.5	63
Electric	1	0.21%	472	30%	1	2.6	2.2	0.4	55
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.4	None Reported	49
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.70	52	1.50	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	103.24	61	0.66	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	0	0	0	2.00	20	2.00	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	60	1.26
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Grand**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B
2) Damage Prevention Metric	C
3) Area Reporting Metric	D
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value							
Population	14,529	0.29%	5,013,015							
Housing Permits	326	1.72%	18,998							
Pop Density	8	0.16	48							
Net Migration	45	0.09%	49,843							
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64	
Incoming Tickets	3,709	0.66%	563,041		2,548					
Facility Damages	53	1.08%	4,900		31	14.3	12.3	2.0		
Telecom	23	0.88%	2,602	20%	15	6.2	6.0	0.2	30	
Natural Gas	29	1.91%	1,521	30%	10	7.8	3.8	4.0	59	
Electric	None Reported	0.00%	472	30%	4	None Reported	1.6	None Reported	26	
Cable TV	1	0.44%	226	20%	2	0.3	0.9	-0.6	4	
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank Best=1 Worst=64	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		1.46	12	3.00
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		100.19	33	2.40
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	1	0	1	1	0	0	1.75	25	1.75
# Counties with Reported Damages in State	38	24	45	17	6	4			20%
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities								
	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								19	2.51
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

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Reporting Year **2008**  
County **Gunnison**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C+
2) Damage Prevention Metric	C-
3) Area Reporting Metric	C-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	15,129	0.30%	5,013,015						
Housing Permits	91	0.48%	18,998						
Pop Density	5	0.10	48						
Net Migration	-29	-0.06%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	2,726	0.48%	563,041		2,397				
Facility Damages	37	0.76%	4,900		30	13.6	12.5	1.1	
Telecom	14	0.54%	2,602	20%	14	5.1	6.0	-0.9	25
Natural Gas	12	0.79%	1,521	30%	9	4.4	3.9	0.6	32
Electric	11	2.33%	472	30%	4	4.0	1.7	2.4	60
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	24
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.14	21	2.60	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.86	46	2.20	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	0	0	2.38	14	2.38	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	25	2.40
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Hinsdale**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	D-
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	873	0.02%	5,013,015						
Housing Permits	18	0.09%	18,998						
Pop Density	1	0.02	48						
Net Migration	-2	0.00%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	144	0.03%	563,041		148				
Facility Damages	0	0.00%	4,900		3	0.0	20.9	-20.9	
Telecom	None Reported	0.00%	2,602	20%	1	None Reported	8.9	None Reported	55
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	7.0	None Reported	58
Electric	None Reported	0.00%	472	30%	0	None Reported	2.9	None Reported	58
Cable TV	None Reported	0.00%	226	20%	0	None Reported	2.1	None Reported	61
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.97	28	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	102.07	59	1.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	55
									1.36
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

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Reporting Year **2008**  
County **Huerfano**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D+
2) Damage Prevention Metric	C
3) Area Reporting Metric	F
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	7,916	0.16%	5,013,015						
Housing Permits	33	0.17%	18,998						
Pop Density	5	0.10	48						
Net Migration	-8	-0.02%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	813	0.14%	563,041		1,077				
Facility Damages	4	0.08%	4,900		16	4.9	14.4	-9.5	
Telecom	4	0.15%	2,602	20%	7	4.9	6.7	-1.8	29
Natural Gas	None Reported	0.00%	1,521	30%	5	None Reported	4.6	None Reported	38
Electric	None Reported	0.00%	472	30%	2	None Reported	1.9	None Reported	36
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.2	None Reported	38
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.75	49	2.00	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.34	37	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities							Not Available 2008	
									0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	44
									1.84
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Jackson**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D
2) Damage Prevention Metric	D+
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	1,437	0.03%	5,013,015						
Housing Permits	12	0.06%	18,998						
Pop Density	1	0.02	48						
Net Migration	-40	-0.08%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	143	0.03%	563,041		225				
Facility Damages	0	0.00%	4,900		4	0.0	19.3	-19.3	
Telecom	None Reported	0.00%	2,602	20%	2	None Reported	8.4	None Reported	50
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	6.4	None Reported	53
Electric	None Reported	0.00%	472	30%	1	None Reported	2.7	None Reported	51
Cable TV	None Reported	0.00%	226	20%	0	None Reported	1.8	None Reported	55
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.64	55	1.50	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.66	51	2.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth		
	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	52	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	0.00	
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities								Not Available 2008	0%
								Best=1 Worst=64	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								<b>54</b>	<b>1.40</b>
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Jefferson**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C-
2) Damage Prevention Metric	B
3) Area Reporting Metric	B+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	543,278	10.84%	5,013,015						
Housing Permits	589	3.10%	18,998						
Pop Density	703	14.59	48						
Net Migration	2,005	4.02%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	41,747	7.41%	563,041		49,611				
Facility Damages	330	6.73%	4,900		359	7.9	7.2	0.7	
Telecom	127	4.88%	2,602	20%	197	3.0	4.0	-0.9	5
Natural Gas	111	7.30%	1,521	30%	100	2.7	2.0	0.7	7
Electric	57	12.08%	472	30%	44	1.4	0.9	0.5	11
Cable TV	33	14.60%	226	20%	19	0.8	0.4	0.4	30
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	2	33.33%	6		No Prediction	0.0	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.84	43	2.20	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.79	9	3.00	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	3.38	2	3.38	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	14	2.76
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year 2008  
County Kiowa

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D
2) Damage Prevention Metric	D
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	1,417	0.03%	5,013,015						
Housing Permits	3	0.02%	18,998						
Pop Density	1	0.02	48						
Net Migration	-46	-0.09%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	118	0.02%	563,041		185				
Facility Damages	0	0.00%	4,900		4	0.0	20.0	-20.0	
Telecom	None Reported	0.00%	2,602	20%	2	None Reported	8.6	None Reported	53
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	6.7	None Reported	56
Electric	None Reported	0.00%	472	30%	1	None Reported	2.8	None Reported	56
Cable TV	None Reported	0.00%	226	20%	0	None Reported	1.9	None Reported	59
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.64	54	1.50	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.85	55	1.50	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth		
	0	0	0	0	0	0	0	0.00	
	Best=1 Worst=64							52	0.00
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities	Not Available 2008								0%
	Best=1 Worst=64							61	1.20
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Kit Carson**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C+
2) Damage Prevention Metric	C
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	8,047	0.16%	5,013,015						
Housing Permits	1	0.01%	18,998						
Pop Density	4	0.08	48						
Net Migration	-106	-0.21%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	767	0.14%	563,041		11	3.9	15.6	-11.7	
Facility Damages	3	0.06%	4,900						
Telecom	None Reported	0.00%	2,602	20%	5	None Reported	7.2	None Reported	37
Natural Gas	3	0.20%	1,521	30%	3	3.9	5.0	-1.1	34
Electric	None Reported	0.00%	472	30%	1	None Reported	2.1	None Reported	41
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.3	None Reported	44
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.10	23	2.60	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.58	38	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	0	0	0	0	0	0	1.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Not Available 2008	
Stakeholder Damage Prevention Activities									0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	29
									2.20
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **La Plata**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	<b>B+</b>
<b>2) Damage Prevention Metric</b>	<b>B</b>
<b>3) Area Reporting Metric</b>	<b>D-</b>
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	50,239	1.00%	5,013,015						
Housing Permits	350	1.84%	18,998						
Pop Density	30	0.61	48						
Net Migration	192	0.39%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	15,112	2.68%	563,041		73				
Facility Damages	76	1.55%	4,900			5.0	10.2	-5.2	
Telecom	73	2.81%	2,602	20%	37	4.8	5.2	-0.4	18
Natural Gas	3	0.20%	1,521	30%	22	0.2	3.0	-2.8	2
Electric	None Reported	0.00%	472	30%	9	None Reported	1.3	None Reported	17
Cable TV	None Reported	0.00%	226	20%	5	None Reported	0.7	None Reported	13
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	2.11	5	3.20	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.73	8	3.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	0	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType * RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	2.76
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
 County **Lake**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

- 1) Public Awareness Metric** F+
- 2) Damage Prevention Metric** F
- 3) Area Reporting Metric** C-
- 4) Stakeholder Participation Metric** Not Avail. 2008
- COUNTY COMPOSITE GRADE:** F+

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	8,351	0.17%	5,013,015						
Housing Permits	33	0.17%	18,998						
Pop Density	22	0.45	48						
Net Migration	86	0.17%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	530	0.09%	563,041		899				
Facility Damages	16	0.33%	4,900		13	30.2	14.9	15.3	
Telecom	9	0.35%	2,602	20%	6	17.0	6.9	10.1	62
Natural Gas	3	0.20%	1,521	30%	4	5.7	4.8	0.9	51
Electric	4	0.85%	472	30%	2	7.5	2.0	5.5	64
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.2	None Reported	42
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.59	61	0.66	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	103.62	62	0.33	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	0	0	2.38	14	2.38	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	64	0.87
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
 Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
 Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Larimer**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	A-
3) Area Reporting Metric	C-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	294,565	5.88%	5,013,015						
Housing Permits	1,265	6.66%	18,998						
Pop Density	112	2.32	48						
Net Migration	4,343	8.71%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	38,516	6.84%	563,041		40,326				
Facility Damages	251	5.12%	4,900		303	6.5	7.5	-1.0	
Telecom	208	7.99%	2,602	20%	164	5.4	4.1	1.3	13
Natural Gas	17	1.12%	1,521	30%	85	0.4	2.1	-1.7	1
Electric	None Reported	0.00%	472	30%	37	None Reported	0.9	None Reported	8
Cable TV	21	9.29%	226	20%	16	0.5	0.4	0.1	9
Water	4	6.45%	62		No Prediction	0.1	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.96	30	2.40	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	98.30	4	3.40	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	0	1	1	1	2.38	14	2.38	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	11	2.80
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Las Animas**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	A-
2) Damage Prevention Metric	B-
3) Area Reporting Metric	D+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	16,602	0.33%	5,013,015						
Housing Permits	33	0.17%	18,998						
Pop Density	3	0.07	48						
Net Migration	13	0.03%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	5,620	1.00%	563,041		2,380				
Facility Damages	43	0.88%	4,900		30	7.7	12.5	-4.8	
Telecom	21	0.81%	2,602	20%	14	3.7	6.0	-2.3	20
Natural Gas	9	0.59%	1,521	30%	9	1.6	3.9	-2.3	8
Electric	None Reported	0.00%	472	30%	4	None Reported	1.7	None Reported	27
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	25
Water	13	20.97%	62		No Prediction	2.3	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	2.36	4	3.40	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.36	14	2.80	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	0	1	0	1	0	0	2.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	7	2.88
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Lincoln**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C-
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	5,610	0.11%	5,013,015						
Housing Permits	1	0.01%	18,998						
Pop Density	2	0.05	48						
Net Migration	-129	-0.26%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	497	0.09%	563,041		529				
Facility Damages	6	0.12%	4,900		9	12.1	16.4	-4.4	
Telecom	4	0.15%	2,602	20%	4	8.0	7.4	0.6	49
Natural Gas	2	0.13%	1,521	30%	3	4.0	5.3	-1.3	40
Electric	None Reported	0.00%	472	30%	1	None Reported	2.3	None Reported	46
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.4	None Reported	50
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.94	32	2.40	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.89	47	2.20	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	0	0	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	32	2.12
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Logan**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C
<b>2) Damage Prevention Metric</b>	C+
<b>3) Area Reporting Metric</b>	F
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	D+

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	21,933	0.44%	5,013,015						
Housing Permits	11	0.06%	18,998						
Pop Density	12	0.25	48						
Net Migration	6	0.01%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	2,071	0.37%	563,041		2,206				
Facility Damages	6	0.12%	4,900			2.9	12.6	-9.7	
Telecom	6	0.23%	2,602	20%	13	2.9	6.1	-3.2	15
Natural Gas	None Reported	0.00%	1,521	30%	9	None Reported	3.9	None Reported	29
Electric	None Reported	0.00%	472	30%	4	None Reported	1.7	None Reported	28
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	28
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.94	34	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.79	21	2.60	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth		
	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	34
									2.08
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Mesa**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C+
3) Area Reporting Metric	C-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	145,677	2.91%	5,013,015						
Housing Permits	784	4.13%	18,998						
Pop Density	44	0.90	48						
Net Migration	4,576	9.18%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	18,601	3.30%	563,041		21,726				
Facility Damages	322	6.57%	4,900		182	17.3	8.4	8.9	
Telecom	158	6.07%	2,602	20%	97	8.5	4.4	4.1	27
Natural Gas	141	9.27%	1,521	30%	52	7.6	2.4	5.2	52
Electric	23	4.87%	472	30%	23	1.2	1.0	0.2	12
Cable TV	None Reported	0.00%	226	20%	11	None Reported	0.5	None Reported	10
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		0.86	39	2.40	
	F D C		C	C+ B	A				40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		99.93	24	2.60	
	A	B C+	C	C- D	F				40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	1	1	1	0	0	0	2.38	14	2.38	
# Counties with Reported Damages in State	38	24	45	17	6	4			20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x				
<b>4) Stakeholder Participation Metric</b>								Not Available 2008		
Stakeholder Damage Prevention Activities									0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	20	2.48
									100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Mineral**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

- 1) Public Awareness Metric **C-**
- 2) Damage Prevention Metric **D-**
- 3) Area Reporting Metric **F-**
- 4) Stakeholder Participation Metric **Not Avail. 2008**
- COUNTY COMPOSITE GRADE: D-**

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	1,014	0.02%	5,013,015						
Housing Permits	14	0.07%	18,998						
Pop Density	1	0.02	48						
Net Migration	24	0.05%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	128	0.02%	563,041		156				
Facility Damages	0	0.00%	4,900		3	0.0	20.7	-20.7	
Telecom	None Reported	0.00%	2,602	20%	1	None Reported	8.8	None Reported	54
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	6.9	None Reported	57
Electric	None Reported	0.00%	472	30%	0	None Reported	2.9	None Reported	57
Cable TV	None Reported	0.00%	226	20%	0	None Reported	2.0	None Reported	60
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.82	44	2.20	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	102.02	58	1.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	52	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	0.00	
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities								
	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	58
									1.28
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Moffat**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D
2) Damage Prevention Metric	C
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	14,119	0.28%	5,013,015						
Housing Permits	41	0.22%	18,998						
Pop Density	3	0.06	48						
Net Migration	82	0.16%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,357	0.24%	563,041		2,143				
Facility Damages	28	0.57%	4,900		27	20.6	12.7	7.9	
Telecom	22	0.85%	2,602	20%	13	16.2	6.1	10.1	59
Natural Gas	6	0.39%	1,521	30%	8	4.4	3.9	0.5	33
Electric	None Reported	0.00%	472	30%	4	None Reported	1.7	None Reported	29
Cable TV	None Reported	0.00%	226	20%	2	None Reported	1.0	None Reported	29
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.63	56	1.50	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.72	40	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	0	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities	Not Available 2008								0%
	Best=1 Worst=64								
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								<b>44</b>	<b>1.84</b>
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)

Reporting Year **2008**  
County **Montezuma**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C
3) Area Reporting Metric	B
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	25,757	0.51%	5,013,015						
Housing Permits	31	0.16%	18,998						
Pop Density	13	0.26	48						
Net Migration	114	0.23%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	2,784	0.49%	563,041		2,973				
Facility Damages	70	1.43%	4,900		36	25.1	12.0	13.2	
Telecom	52	2.00%	2,602	20%	17	18.7	5.9	12.8	61
Natural Gas	15	0.99%	1,521	30%	11	5.4	3.7	1.7	42
Electric	2	0.42%	472	30%	5	0.7	1.6	-0.9	10
Cable TV	None Reported	0.00%	226	20%	3	None Reported	0.9	None Reported	20
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	1	16.67%	6		No Prediction	0.4	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.94	35	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.62	39	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	1	1	1	0	0	1	0	3.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								17	2.52
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Montrose**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C+
3) Area Reporting Metric	F
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	41,559	0.83%	5,013,015						
Housing Permits	197	1.04%	18,998						
Pop Density	19	0.38	48						
Net Migration	1,153	2.31%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	5,105	0.91%	563,041		5,870				
Facility Damages	44	0.90%	4,900		62	8.6	10.6	-2.0	
Telecom	44	1.69%	2,602	20%	31	8.6	5.3	3.3	36
Natural Gas	None Reported	0.00%	1,521	30%	19	None Reported	3.2	None Reported	21
Electric	None Reported	0.00%	472	30%	8	None Reported	1.4	None Reported	18
Cable TV	None Reported	0.00%	226	20%	4	None Reported	0.7	None Reported	15
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.87	38	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.67	20	2.60	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	34
									2.08
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Morgan**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	C
3) Area Reporting Metric	F
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	28,357	0.57%	5,013,015						
Housing Permits	36	0.19%	18,998						
Pop Density	22	0.46	48						
Net Migration	-391	-0.78%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	3,059	0.54%	563,041		3,063				
Facility Damages	30	0.61%	4,900		36	9.8	11.9	-2.1	
Telecom	30	1.15%	2,602	20%	18	9.8	5.8	4.0	48
Natural Gas	None Reported	0.00%	1,521	30%	11	None Reported	3.7	None Reported	25
Electric	None Reported	0.00%	472	30%	5	None Reported	1.6	None Reported	23
Cable TV	None Reported	0.00%	226	20%	3	None Reported	0.9	None Reported	19
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		1.00	25	2.40	
	F D C		C	C+ B	A				40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		100.06	29	2.40	
	A	B C+	C	C- D	F				40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0.38	44	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x				
<b>4) Stakeholder Participation Metric</b>								Not Available 2008		
Stakeholder Damage Prevention Activities									0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	38	2.00
										100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year 2008  
County Otero

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D+
2) Damage Prevention Metric	C
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	18,752	0.37%	5,013,015						
Housing Permits	6	0.03%	18,998						
Pop Density	15	0.31	48						
Net Migration	-401	-0.80%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,188	0.21%	563,041		1,672				
Facility Damages	0	0.00%	4,900		22	0.0	13.3	-13.3	
Telecom	None Reported	0.00%	2,602	20%	11	None Reported	6.3	None Reported	31
Natural Gas	None Reported	0.00%	1,521	30%	7	None Reported	4.2	None Reported	31
Electric	None Reported	0.00%	472	30%	3	None Reported	1.8	None Reported	31
Cable TV	None Reported	0.00%	226	20%	2	None Reported	1.0	None Reported	33
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.71	51	2.00	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.12	32	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth		
	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	52	
Risk Weighting Factor: SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	0.00	
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities								Not Available 2008	0%
								Best=1 Worst=64	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								<b>48</b>	<b>1.76</b>
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year 2008  
County Ouray

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B+
2) Damage Prevention Metric	C-
3) Area Reporting Metric	F
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	4,623	0.09%	5,013,015						
Housing Permits	36	0.19%	18,998						
Pop Density	9	0.18	48						
Net Migration	102	0.20%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,085	0.19%	563,041		587				
Facility Damages	5	0.10%	4,900		9	4.6	16.1	-11.5	
Telecom	5	0.19%	2,602	20%	4	4.6	7.3	-2.7	33
Natural Gas	None Reported	0.00%	1,521	30%	3	None Reported	5.2	None Reported	45
Electric	None Reported	0.00%	472	30%	1	None Reported	2.2	None Reported	45
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.4	None Reported	48
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.85	6	3.20	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.74	43	2.20	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities							Not Available 2008	
									0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	28
									2.24
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Park**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	D-
2) Damage Prevention Metric	C
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	17,168	0.34%	5,013,015						
Housing Permits	160	0.84%	18,998						
Pop Density	8	0.16	48						
Net Migration	75	0.15%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,604	0.28%	563,041		2,716				
Facility Damages	25	0.51%	4,900		33	15.6	12.2	3.4	
Telecom	23	0.88%	2,602	20%	16	14.3	5.9	8.4	57
Natural Gas	None Reported	0.00%	1,521	30%	10	None Reported	3.7	None Reported	26
Electric	2	0.42%	472	30%	4	1.2	1.6	-0.4	20
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	22
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.59	60	1.00	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.30	36	2.40	
	A B C+	B C	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	1	1	0	0	0	0	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: $\sum(FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	50
									1.64
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Phillips**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C+
2) Damage Prevention Metric	C-
3) Area Reporting Metric	F
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	4,537	0.09%	5,013,015						
Housing Permits	4	0.02%	18,998						
Pop Density	7	0.14	48						
Net Migration	-84	-0.17%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	494	0.09%	563,041		438				
Facility Damages	1	0.02%	4,900		7	2.0	17.0	-15.0	
Telecom	1	0.04%	2,602	20%	3	2.0	7.6	-5.6	22
Natural Gas	None Reported	0.00%	1,521	30%	2	None Reported	5.5	None Reported	48
Electric	None Reported	0.00%	472	30%	1	None Reported	2.3	None Reported	48
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.5	None Reported	53
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.13	22	2.60	
	F D C-		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.80	44	2.20	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	37
									2.00
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Pitkin**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	<b>B</b>
<b>2) Damage Prevention Metric</b>	<b>D</b>
<b>3) Area Reporting Metric</b>	<b>D+</b>
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value							
Population	16,595	0.33%	5,013,015							
Housing Permits	116	0.61%	18,998							
Pop Density	17	0.36	48							
Net Migration	-136	-0.27%	49,843							
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64	
Incoming Tickets	3,305	0.59%	563,041		2,213					
Facility Damages	84	1.71%	4,900		28	25.4	12.6	12.8		
Telecom	69	2.65%	2,602	20%	13	20.9	6.1	14.8	63	
Natural Gas	None Reported	0.00%	1,521	30%	9	None Reported	3.9	None Reported	28	
Electric	14	2.97%	472	30%	4	4.2	1.7	2.6	61	
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	27	
Water	1	1.61%	62		No Prediction	0.3	No Prediction	No Prediction	No Prediction	
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.49	11	3.00	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.93	57	1.50	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	0	1	1	0	1	2.00	20	2.00	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	29	2.20
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Prowers**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C
<b>2) Damage Prevention Metric</b>	C
<b>3) Area Reporting Metric</b>	F-
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	D

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	13,008	0.26%	5,013,015						
Housing Permits	6	0.03%	18,998						
Pop Density	8	0.16	48						
Net Migration	-472	-0.95%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,097	0.19%	563,041		1,284				
Facility Damages	0	0.00%	4,900		18	0.0	14.0	-14.0	
Telecom	None Reported	0.00%	2,602	20%	8	None Reported	6.6	None Reported	32
Natural Gas	None Reported	0.00%	1,521	30%	6	None Reported	4.4	None Reported	35
Electric	None Reported	0.00%	472	30%	2	None Reported	1.9	None Reported	33
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.1	None Reported	35
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.85	40	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.29	35	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0	0.00	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	52	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	0.00	
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities								
	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								40	1.92
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Pueblo**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C-
2) Damage Prevention Metric	B
3) Area Reporting Metric	D
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	158,970	3.17%	5,013,015						
Housing Permits	416	2.19%	18,998						
Pop Density	66	1.38	48						
Net Migration	2,629	5.27%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	16,209	2.88%	563,041		20,241				
Facility Damages	254	5.18%	4,900		172	15.7	8.5	7.2	
Telecom	194	7.46%	2,602	20%	91	12.0	4.5	7.5	47
Natural Gas	54	3.55%	1,521	30%	49	3.3	2.4	0.9	14
Electric	None Reported	0.00%	472	30%	22	None Reported	1.1	None Reported	13
Cable TV	6	2.65%	226	20%	10	0.4	0.5	-0.1	6
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.80	45	2.20	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.24	12	3.00	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	1	0	1	1	0	0	0	1.75	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	24	2.43
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Rio Blanco**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	A+
2) Damage Prevention Metric	B-
3) Area Reporting Metric	D
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	6,543	0.13%	5,013,015						
Housing Permits	65	0.34%	18,998						
Pop Density	2	0.04	48						
Net Migration	66	0.13%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	3,312	0.59%	563,041		1,133				
Facility Damages	12	0.24%	4,900		16	3.6	14.3	-10.7	
Telecom	8	0.31%	2,602	20%	8	2.4	6.7	-4.3	19
Natural Gas	3	0.20%	1,521	30%	5	0.9	4.5	-3.6	5
Electric	None Reported	0.00%	472	30%	2	None Reported	1.9	None Reported	35
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.1	None Reported	36
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	1	100.00%	1		No Prediction	0.3	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	2.92	1	4.00	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.52	16	2.80	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>								Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	1	1.63	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>								Best=1 Worst=64	
Stakeholder Damage Prevention Activities	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	3.05
								4	100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Rio Grande**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

- 1) Public Awareness Metric **D-**
  - 2) Damage Prevention Metric **C**
  - 3) Area Reporting Metric **D-**
  - 4) Stakeholder Participation Metric **Not Avail. 2008**
- COUNTY COMPOSITE GRADE: D**

### Report Card Metrics

Demographics	County Value	Share of State	State Value							
Population	12,279	0.24%	5,013,015							
Housing Permits	44	0.23%	18,998							
Pop Density	13	0.28	48							
Net Migration	-356	-0.71%	49,843							
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64	
Incoming Tickets	894	0.16%	563,041		1,483					
Facility Damages	5	0.10%	4,900		20	5.6	13.6	-8.0		
Telecom	1	0.04%	2,602	20%	10	1.1	6.4	-5.3	11	
Natural Gas	4	0.26%	1,521	30%	6	4.5	4.3	0.2	37	
Electric	None Reported	0.00%	472	30%	3	None Reported	1.8	None Reported	32	
Cable TV	None Reported	0.00%	226	20%	2	None Reported	1.1	None Reported	34	
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction	

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.60	59	1.00	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.94	26	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	0	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	29	
Risk Weighting Factor : SUM(FacilityType*RFW) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	1.38	

<b>4) Stakeholder Participation Metric</b>			
Stakeholder Damage Prevention Activities	Not Available 2008		0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>		Best=1 Worst=64	50
			1.64
			100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Routt**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C
2) Damage Prevention Metric	D+
3) Area Reporting Metric	D
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	23,489	0.47%	5,013,015						
Housing Permits	392	2.06%	18,998						
Pop Density	10	0.21	48						
Net Migration	265	0.53%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	3,935	0.70%	563,041		4,055				
Facility Damages	92	1.88%	4,900		46	23.4	11.3	12.1	
Telecom	71	2.73%	2,602	20%	23	18.0	5.6	12.4	60
Natural Gas	13	0.85%	1,521	30%	14	3.3	3.4	-0.1	18
Electric	None Reported	0.00%	472	30%	6	None Reported	1.5	None Reported	21
Cable TV	8	3.54%	226	20%	3	2.0	0.8	1.2	64
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.97	29	2.40	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.48	50	2.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>									
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth		
	1	0	1	1	0	0	0	1.75	
	Best=1 Worst=64							25	1.75
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities	Not Available 2008								0%
	Best=1 Worst=64							33	2.11
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Saguache**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	F-
<b>2) Damage Prevention Metric</b>	C
<b>3) Area Reporting Metric</b>	D+
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	D-

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	6,902	0.14%	5,013,015						
Housing Permits	44	0.23%	18,998						
Pop Density	2	0.05	48						
Net Migration	-71	-0.14%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	505	0.09%	563,041		1,117				
Facility Damages	2	0.04%	4,900		16	4.0	14.3	-10.4	
Telecom	None Reported	0.00%	2,602	20%	7	None Reported	6.7	None Reported	34
Natural Gas	1	0.07%	1,521	30%	5	2.0	4.5	-2.6	13
Electric	1	0.21%	472	30%	2	2.0	1.9	0.0	40
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.2	None Reported	37
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.45	64	0.00	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.04	28	2.40	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	0	0	0	2.00	20	2.00	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	55	1.36
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **San Juan**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	C-
<b>2) Damage Prevention Metric</b>	F-
<b>3) Area Reporting Metric</b>	F
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	F+

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	555	0.01%	5,013,015						
Housing Permits	7	0.04%	18,998						
Pop Density	1	0.03	48						
Net Migration	-22	-0.04%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	64	0.01%	563,041		75				
Facility Damages	2	0.04%	4,900		2	31.3	23.7	7.5	
Telecom	2	0.08%	2,602	20%	1	31.3	9.7	21.5	64
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	8.1	None Reported	60
Electric	None Reported	0.00%	472	30%	0	None Reported	3.4	None Reported	59
Cable TV	None Reported	0.00%	226	20%	0	None Reported	2.5	None Reported	63
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	0.85	41	2.20	
	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	104.42	64	0.00	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities							Not Available 2008	0%
								Best=1 Worst=64	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								62	0.96
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **San Miguel**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

<b>1) Public Awareness Metric</b>	B-
<b>2) Damage Prevention Metric</b>	C+
<b>3) Area Reporting Metric</b>	F+
<b>4) Stakeholder Participation Metric</b>	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	C-

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	7,939	0.16%	5,013,015						
Housing Permits	125	0.66%	18,998						
Pop Density	6	0.13	48						
Net Migration	174	0.35%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	1,632	0.29%	563,041		1,264				
Facility Damages	5	0.10%	4,900		18	3.1	14.0	-10.9	
Telecom	4	0.15%	2,602	20%	8	2.5	6.6	-4.1	17
Natural Gas	None Reported	0.00%	1,521	30%	6	None Reported	4.4	None Reported	36
Electric	None Reported	0.00%	472	30%	2	None Reported	1.9	None Reported	34
Cable TV	1	0.44%	226	20%	1	0.6	1.1	-0.5	12
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max			
<b>1) Public Awareness Metric</b>	Worst Typical Best						Best=1 Worst=64	
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.29	16	2.80
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64	
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	99.86	23	2.60
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth						Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	1	0	0	0	0.75
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%
Risk Weighting Factor: $\sum (FacilityType * RWF) / 2$	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	
<b>4) Stakeholder Participation Metric</b>							Not Available 2008	
Stakeholder Damage Prevention Activities								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	26
								2.31
								100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Sedgwick**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B-
2) Damage Prevention Metric	D
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	2,413	0.05%	5,013,015						
Housing Permits	1	0.01%	18,998						
Pop Density	4	0.09	48						
Net Migration	-80	-0.16%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	275	0.05%	563,041		204				
Facility Damages	0	0.00%	4,900		4	0.0	19.6	-19.6	
Telecom	None Reported	0.00%	2,602	20%	2	None Reported	8.5	None Reported	51
Natural Gas	None Reported	0.00%	1,521	30%	1	None Reported	6.5	None Reported	54
Electric	None Reported	0.00%	472	30%	1	None Reported	2.7	None Reported	52
Cable TV	None Reported	0.00%	226	20%	0	None Reported	1.9	None Reported	56
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank Best=1 Worst=64	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		1.35	14	2.80
	F D C		C	C+ B	A				40%
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		101.75	53	1.50
	A	B C+	C	C- D	F				40%
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth								
Area Damage Reporting - Unique Facility Types	0	0	0	0	0	0	0.00	52	0.00
# Counties with Reported Damages in State	38	24	45	17	6	4			20%
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x			
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities								
	Not Available 2008								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								49	1.72
									100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Summit**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B
2) Damage Prevention Metric	C-
3) Area Reporting Metric	C+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	29,072	0.58%	5,013,015						
Housing Permits	355	1.87%	18,998						
Pop Density	47	0.98	48						
Net Migration	151	0.30%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	6,363	1.13%	563,041		3,863				
Facility Damages	156	3.18%	4,900		44	24.5	11.4	13.1	
Telecom	99	3.80%	2,602	20%	22	15.6	5.6	9.9	58
Natural Gas	40	2.63%	1,521	30%	13	6.3	3.5	2.8	49
Electric	15	3.18%	472	30%	6	2.4	1.5	0.9	42
Cable TV	2	0.88%	226	20%	3	0.3	0.8	-0.5	5
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max				
<b>1) Public Awareness Metric</b>	Worst Typical Best								
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.65	8	3.00	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst								
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.74	42	2.20	
<b>3) Area Damage Reporting Metric</b>	A B C+ C D F								
Area Damage Reporting - Unique Facility Types	1	1	1	1	0	2.75	7	2.75	
# Counties with Reported Damages in State	38	24	45	17	6			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>									
Stakeholder Damage Prevention Activities							Not Available 2008	0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>							Best=1 Worst=64	16	2.63
								100%	

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Teller**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	A
2) Damage Prevention Metric	B
3) Area Reporting Metric	D-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B-</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	22,952	0.46%	5,013,015						
Housing Permits	91	0.48%	18,998						
Pop Density	41	0.85	48						
Net Migration	-42	-0.08%	49,843						
One-Call Data	Reported County	Share of State	Reported State	Risk Weight	Predicted County	Reported Ratio Damage / 1,000 Ticket	Predicted Ratio Damage / 1,000 Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	6,960	1.24%	563,041		2,567				
Facility Damages	36	0.73%	4,900		32	5.2	12.3	-7.1	
Telecom	24	0.92%	2,602	20%	15	3.4	6.0	-2.5	16
Natural Gas	12	0.79%	1,521	30%	10	1.7	3.8	-2.1	9
Electric	None Reported	0.00%	472	30%	4	None Reported	1.6	None Reported	25
Cable TV	None Reported	0.00%	226	20%	2	None Reported	0.9	None Reported	23
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		2.71	3	3.70	
	F D C		C	C+ B	A				40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		99.33	13	3.00	
	A	B C+	C	C- D	F				40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	1	0	1	0	0	0	1.38	29	1.38	
# Counties with Reported Damages in State	38	24	45	17	6	4			20%	
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x			
<b>4) Stakeholder Participation Metric</b>								Not Available 2008		
Stakeholder Damage Prevention Activities									0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	5	2.96
										100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
Facility Damage data obtained from Virtual Private DIRT - reported by facility owners/operators  
Population, Housing Permits, Migration and Density data obtained from the US Census Bureau

# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Washington**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	B-
2) Damage Prevention Metric	C-
3) Area Reporting Metric	F-
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>D+</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	4,722	0.09%	5,013,015						
Housing Permits	1	0.01%	18,998						
Pop Density	2	0.04	48						
Net Migration	-107	-0.21%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	607	0.11%	563,041		8				
Facility Damages	0	0.00%	4,900			0.0	16.9	-16.9	
Telecom	None Reported	0.00%	2,602	20%	3	None Reported	7.6	None Reported	43
Natural Gas	None Reported	0.00%	1,521	30%	3	None Reported	5.5	None Reported	46
Electric	None Reported	0.00%	472	30%	1	None Reported	2.3	None Reported	47
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.5	None Reported	51
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	None Reported	0.00%	10		No Prediction	None Reported	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric					County Metric	County Rank Best=1 Worst=64	County Score / Weight
	Min	Qrtl-1	Med	Qrtl-3	Max			
<b>1) Public Awareness Metric</b>	Worst Typical Best							
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92	1.33	15	2.80
	F D C		C	C+ B	A			40%
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	101.04	48	2.20
	A	B C+	C	C- D	F			40%
<b>3) Area Damage Reporting Metric</b>								
Area Damage Reporting - Unique Facility Types	NetGas	Electric	Telecom	Cable	Water	Sewer	Pipe/Oth	
	0	0	0	0	0	0	0	0.00
# Counties with Reported Damages in State	38	24	45	17	6	4	1	52
Risk Weighting Factor : SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x	0.00
<b>4) Stakeholder Participation Metric</b>								
Stakeholder Damage Prevention Activities								Not Available 2008
								0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64
								36
								2.00
								100%

The **Colorado Damage Prevention Report Card®** assigns a letter grade to each county relative to all 64 counties in the State. For 2008, the grading system uses three of the four damage prevention categories and the final grade is a weighted composite of these three categories. (Cat-1= 40%, Cat-2= 40%, Cat-3= 20%). Categories 1 and 2 are based upon a quartile grading system. Counties in the middle 50% of the 64 counties are assigned a grade of "C". Counties in the upper 25% are assigned an "A" or "B". Counties in the lower 25% are assigned a "D" or "F". The Category 3 grading is based upon which facility types had damages reported in the county and each facility type is given a weighting factor based upon its potential risk to the public.

NOTE: "None Reported" could mean damages occurred but were not submitted into DIRT by the facility owner, or that no damages occurred within County.

Data Sources: Incoming Ticket data obtained from Nonfield One-Call Ticketing System at UNCC - requested by excavators  
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# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

*Damage Prevention Report Card® is evaluated and published annually by the Utility Notification Center of Colorado (UNCC)*

Reporting Year **2008**  
County **Weld**

The **Colorado Damage Prevention Report Card®** provides industry stakeholders in each county with current One-Call ticketing, facility damage and demographic information. The information is designed to provide accurate knowledge of damage prevention conditions and programs in the county and to help facilitate improvement in the public awareness and damage prevention effort. Accurate and timely information can lead to effective public awareness and damage prevention programs.

1) Public Awareness Metric	C+
2) Damage Prevention Metric	A
3) Area Reporting Metric	C+
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>B</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	252,273	5.03%	5,013,015						
Housing Permits	980	5.16%	18,998						
Pop Density	63	1.31	48						
Net Migration	4,995	10.02%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	46,671	8.29%	563,041		279				
Facility Damages	294	6.00%	4,900			6.3	7.6	-1.3	
Telecom	226	8.69%	2,602	20%	151	4.8	4.1	0.7	10
Natural Gas	44	2.89%	1,521	30%	78	0.9	2.1	-1.2	3
Electric	None Reported	0.00%	472	30%	34	None Reported	0.9	None Reported	9
Cable TV	8	3.54%	226	20%	15	0.2	0.4	-0.2	2
Water	4	6.45%	62		No Prediction	0.1	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Other	9	90.00%	10		No Prediction	0.2	No Prediction	No Prediction	No Prediction

Four Measures of Damage Prevention	State Norms of Metric						County Metric	County Rank	County Score / Weight	
	Min	Qrtl-1	Med	Qrtl-3	Max					
<b>1) Public Awareness Metric</b>	Worst Typical Best							Best=1 Worst=64		
Incoming Tickets Reported vs Tickets Predicted <small>Prediction based upon (Population, Permits, Density)</small>	0.45	0.76	0.94	1.29	2.92		1.28	19	2.60	
	F D C		C	C+ B	A				40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst							Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42		98.07	2	3.70	
	A	B C+	C	C- D	F				40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64		
Area Damage Reporting - Unique Facility Types	1	0	1	1	1	0	2.63	13	2.63	
# Counties with Reported Damages in State	38	24	45	17	6	4			20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x				
<b>4) Stakeholder Participation Metric</b>								Not Available 2008		
Stakeholder Damage Prevention Activities									0%	
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	3	3.05
										100%

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# Colorado County Damage Prevention Report Cards - 2008

## 2008 Colorado Damage Prevention Report Card

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Reporting Year 2008  
County Yuma

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1) Public Awareness Metric	A
2) Damage Prevention Metric	C
3) Area Reporting Metric	F
4) Stakeholder Participation Metric	Not Avail. 2008
<b>COUNTY COMPOSITE GRADE:</b>	<b>C</b>

### Report Card Metrics

Demographics	County Value	Share of State	State Value						
Population	9,863	0.20%	5,013,015						
Housing Permits	4	0.02%	18,998						
Pop Density	4	0.09	48						
Net Migration	-160	-0.32%	49,843						
One-Call Data	ReportedCounty	Share of State	ReportedState	Risk Weight	Predicted County	Reported Ratio Damage / 1,000Ticket	Predicted Ratio Damage / 1,000Ticket	Reported Ratio - Predicted Ratio	State Rank Best=1 Worst=64
Incoming Tickets	2,937	0.52%	563,041		1,019				
Facility Damages	1	0.02%	4,900		15	0.3	14.6	-14.2	
Telecom	1	0.04%	2,602	20%	7	0.3	6.8	-6.4	9
Natural Gas	None Reported	0.00%	1,521	30%	5	None Reported	4.6	None Reported	41
Electric	None Reported	0.00%	472	30%	2	None Reported	2.0	None Reported	37
Cable TV	None Reported	0.00%	226	20%	1	None Reported	1.2	None Reported	39
Water	None Reported	0.00%	62		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Sewer	None Reported	0.00%	6		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
Pipeline	None Reported	0.00%	1		No Prediction	None Reported	No Prediction	No Prediction	No Prediction
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	F D C		C	C+ B	A			40%	
<b>2) Compound Damage Prevention Metric</b>	Best Typical Worst						Best=1 Worst=64		
Composite Score of Reported vs Mean, Predicted vs Mean, and Reported-Predicted Difference	98.05	99.55	100.16	101.07	104.42	100.09	31	2.40	
	A	B C+	C	C- D	F			40%	
<b>3) Area Damage Reporting Metric</b>	NetGas Electric Telecom Cable Water Sewer Pipe/Oth							Best=1 Worst=64	
Area Damage Reporting - Unique Facility Types	0	0	1	0	0	0	0	0.38	
# Counties with Reported Damages in State	38	24	45	17	6	4	1	20%	
Risk Weighting Factor: SUM(FacilityType*RWF) / 2	2.0x	2.0x	0.75x	0.75x	1.25x	1.25x	0.50x		
<b>4) Stakeholder Participation Metric</b>	Stakeholder Damage Prevention Activities							Not Available 2008	
									0%
<b>COUNTY COMPOSITE DAMAGE PREVENTION SCORE:</b>								Best=1 Worst=64	18
									2.52
									100%

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