

Mandating Damage Reporting & Damage Prevention Councils

South Dakota/North Dakota/Wyoming Pipeline Safety Operators Training

• ◆ • J.D. Maniscalco • ◆ •
Executive director
Colorado 811
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Rapid City, South Dakota

Damage Data Collection



- * Mandated Reporting of All Underground Facility Damages to a One Call
- * First Damage Data Collection Effort by a One Call Center in USA
- * State Law Modification In Year 2000
- * Data Collection Tool Designed, Created and Implemented in 2001

Damage Data Collection



- * Data Collection Tool Designed, Created and Implemented in 2001
- * <https://www.damagereporting.org/>
- * 12 Years of Damage Reporting; 2001-2012
- * Intent Is To Make Data Meaningful & Useful



CGA
Common Ground Alliance

Single Sign-On

CGA Single Sign-On

Already registered for one or more CGA applications? Log in here:

Email: *

Password: *

Login

New Registration?

It's easy! You'll be prompted through the process. Simply click on the Register link on the right side of the screen.

Problems logging in?

If you just entered your username and password and were immediately returned to this screen without an error, your browser probably is not allowing cookies. To fix this, please visit: [Cookie Info](#)

Or, if you received an error about an invalid password, you may need to go through the process to re-set it starting here: [Forgot Password](#)

Need to register?

Register for CGA Production applications below.

- ☐ CGA DIRT North America
- ☐ One Call Systems International
- ☐ Alabama Virtual Private DIRT
- ☐ Alberta One-Call - Virtual Private DIRT
- ☐ APISQ Virtual Private DIRT
- ☐ Atmos Energy Virtual Private DIRT
- ☐ Australia - Virtual Private DIRT
- ☐ Blue Stakes of Utah Virtual Private DIRT
- ☐ British Columbia - Virtual Private DIRT
- ☐ CEPA - Virtual Private DIRT
- ☐ Chesapeake - Virtual Private DIRT
- ☐ Colorado 811 Virtual Private DIRT
- ☐ Dig Safely New York Virtual Private DIRT
- ☐ Florida Virtual Private DIRT
- ☐ Gas Technology Institute - Virtual Private DIRT

CGA
Common Ground Alliance

J.D. Maniscalco <jdman@uncc.org> of Colorado 811 [eng] / [fra] [beta]

Damage Prevention
is a Shared Responsibility.

Single Sign-On

Main Menu Identity Server Support

CGA Single Sign-On

You are logged in as:
jdman@uncc.org

Choose an application on the right or click the button below if you need to log in again.

Logout

Access a CGA Application

You are registered for the following applications:

- ☒ CGA DIRT North America, as James Maniscalco of Colorado 811 [Access](#)
- ☒ CGA DIRT North America, as J.D. Maniscalco of Colorado 811 [Access](#)
- ☒ One Call Systems International, as J.D. Maniscalco of Colorado 811 [Access](#)
- ☒ Colorado 811 Virtual Private DIRT, as James Maniscalco of Colorado 811 [Access](#)

Other available applications you may request access to:

- ☐ Alabama Virtual Private DIRT [Request](#)
- ☐ Alberta One-Call - Virtual Private DIRT [Request](#)

PAR AVION

Damage Information Reporting Tool (DIRT)

[*https://www.damagereporting.org/uncc](https://www.damagereporting.org/uncc)

Virtual Private DIRT

- ✧ CGA currently provides at cost to its members
- ✧ Organizations can use it today as their only damage database
- ✧ Many organizations have each created their own custom damage databases



Who is Deploying Virtual Private DIRT (VPD)?

- ✦ Regulatory & Compliance Agencies
- ✦ Mandated Reporting of Facility Damages to a One Call
- ✦ One-Call Centers
- ✦ Municipalities / Larger Organizations
- ✦ Industry Associations

Why Are Entities Deploying VPD's

- ✦ Enables Independent Data Submission And Tracking
- ✦ Independent Analysis And Reporting
- ✦ Service Offering To Your Stakeholders
- ✦ Generate Reports And Analyze Your Unique Data
- ✦ Provide A Service To Its Members

VPD Basics



- ✦ Starts Out As A Secure, Isolated Copy Of The DIRT Application
- ✦ Dedicated URL Path
- ✦ (<https://damagereporting.org/SD811>)
- ✦ Dedicated Database Space
- ✦ Isolated Identity Management (Users)

VPD Basics



- ✦ Separate Configuration
- ✦ Customize Look & Feel
- ✦ Logo Image
- ✦ Application/Organization Name
- ✦ Style, Colors, Layout To Match Your Org.
- ✦ Emails To/From Your Org

Data Sharing

Data Sharing

Share your raw collected data with the CGA's DIRT North America database. You must *opt-in* to share data or elect to stop participation at any time by choosing No.

Automatically share? No -- opt out

Save Data Sharing

- ✧ Data Sharing With CGA
- ✧ Opt-in Setting
- ✧ Shares New Damage Reports And Edits To Existing Reports
- ✧ Application Admins For Virtual DIRT
- ✧ Instance Become Company Admins In CGA DIRT North America To View Their Shared Data.

Flex Fields Customization



- ✦ Add your own fields to CGA DIRT
- ✦ Dates, numbers, pick lists, ...
- ✦ Validation rules & ranges
- ✦ Help text
- ✦ Becomes part of DIRT

Reporting

✦ Quick Reports



NTDPC Damage Reporting (DIRT)

Brian Tooley (NTDPC) <brian.tooley@verizonbusiness.com> of NTDPC 

Damage Reporting is a Shared Responsibility

[Support](#) / [User Guide](#) / [Main Menu](#) / [Log Out](#)

Quick Reports

Power Reports

STEP 1: Enter date range for Date of Damage

Start Date:

End Date:

(MM/DD/YYYY)

STEP 2: Choose whether to include granted data

- ☐ Report only on data I submitted
- ☐ Report on data for my organization (NTDPC)
- ☒ **Plus** data for all organizations that granted access to their data ([display list](#)).

STEP 3: Choose format and run the report

Report Name:

Domain Options:

Value Options:

Web Report (.html)

Comma-delimited (.csv)

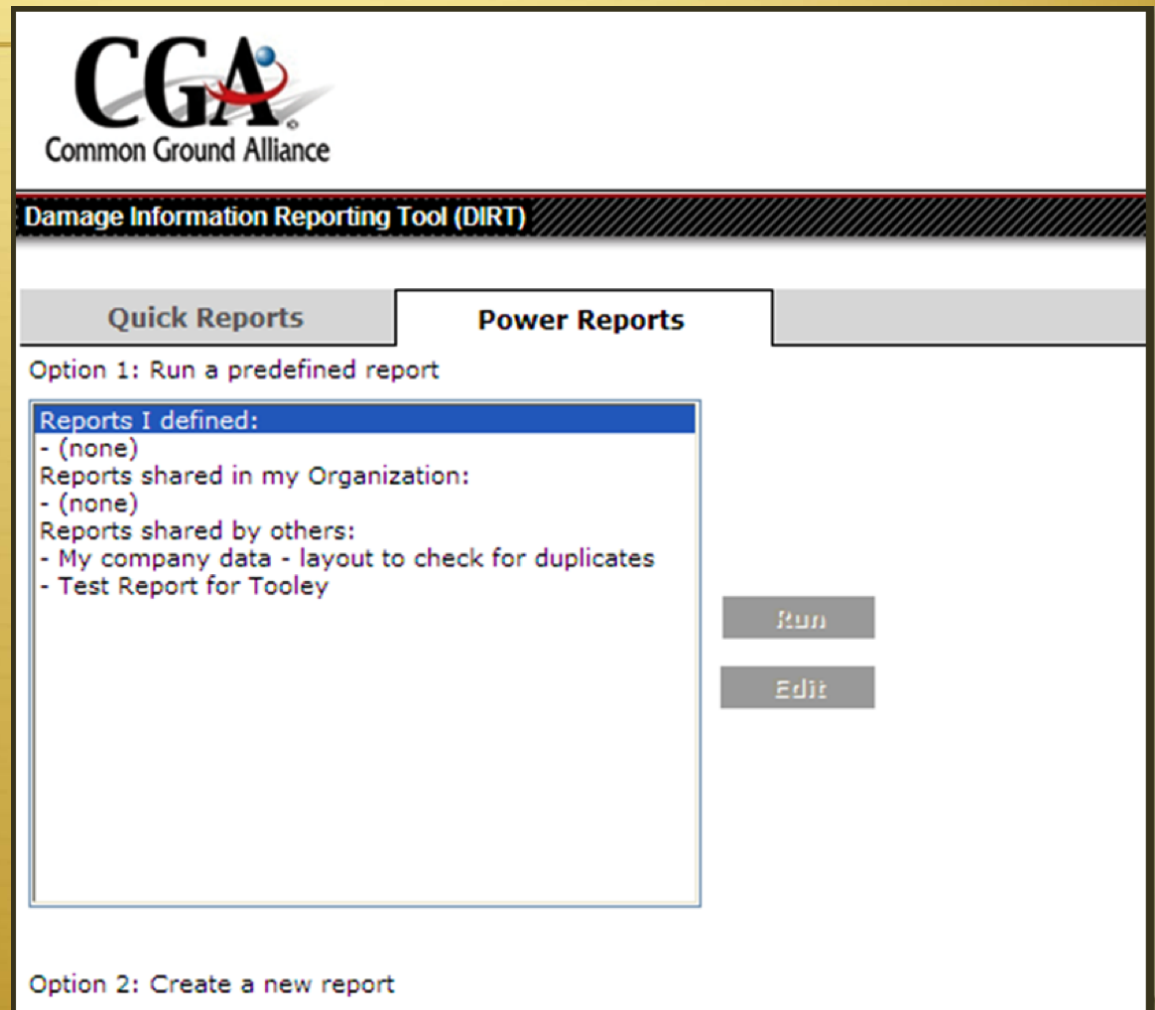
Tab-delimited (.tsv)

Display in browser

Download for spreadsheet analysis, e.g. Excel

Reporting

✦ Power Reports



The screenshot displays the CGA Common Ground Alliance Damage Information Reporting Tool (DIRT) interface. At the top, the CGA logo and name are visible. Below this is a header bar for the DIRT tool. The interface features two tabs: "Quick Reports" and "Power Reports", with the latter being the active tab. Under the "Power Reports" tab, there is a section titled "Option 1: Run a predefined report". This section contains a list of predefined reports, including "Reports I defined:", "Reports shared in my Organization:", and "Reports shared by others:". The "Reports shared by others:" list includes "My company data - layout to check for duplicates" and "Test Report for Tooley". To the right of the list are two buttons: "Run" and "Edit". Below the "Option 1" section is "Option 2: Create a new report".

CGA
Common Ground Alliance

Damage Information Reporting Tool (DIRT)

Quick Reports Power Reports

Option 1: Run a predefined report

Reports I defined:

- (none)

Reports shared in my Organization:

- (none)

Reports shared by others:

- My company data - layout to check for duplicates
- Test Report for Tooley

Run

Edit

Option 2: Create a new report

Cost of CGA Virtual Private DIRT

- ✦ \$1000.00 1st Year
 - ✦ \$500 Setup
 - ✦ \$500 Support & Maintenance
- ✦ \$500 Every Year There After S&M

Q & A's



Damage Prevention Councils



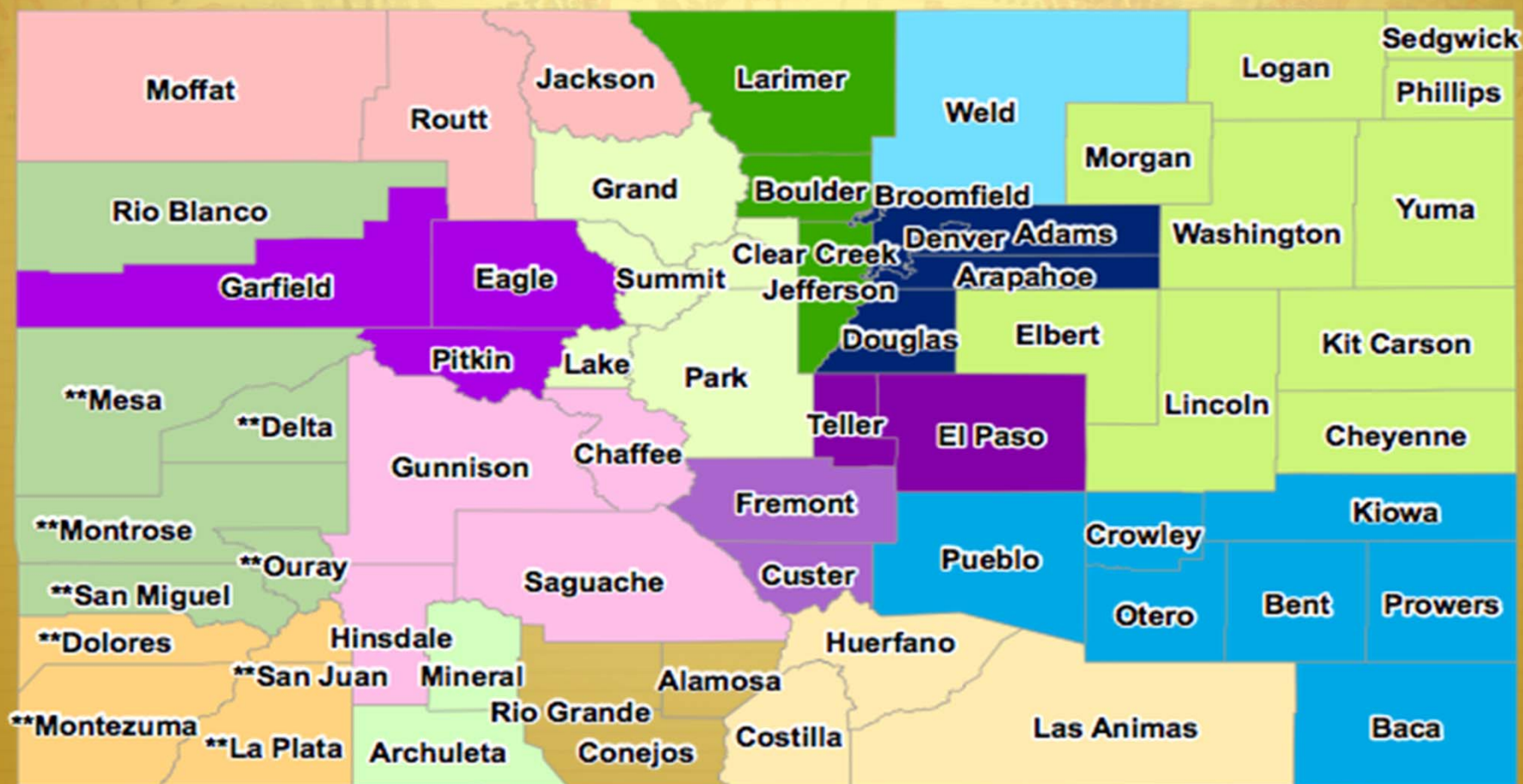
- * 2003

- * 4 Councils

- * Denver, El Paso, Mesa, Weld

- * 2013

- * 18 Councils with 85% Coverage



DPC Coverage

** County is part of another DPC

	No Participation		Western Slope DPC
	Denver Metro DPC		Four Corners DPC
	El Paso DPC		NW Colorado DPC
	Front Range DPC		Montrose Area DPC
	Weld DPC		Gunnison Area DPC
	LAC DPC		Summit Area DPC
	PEG DPC		Durango DPC
	Fremont Area DPC		SE Colorado DPC
	Mesa County DPC		Archuleta Area DPC
			NE Colorado DPC



Measuring Effectiveness of Damage Prevention Efforts



- * Improve Public Awareness
- * Outreach and Coverage Efforts State-Wide
 - * Shift From Top Down (Centralized - State) Model
 - * Initiated Bottom Up (Localized – County)
 - * Driven By 2008 Recession/Budget Cuts

Measuring Effectiveness of Damage Prevention Efforts



- * Engaged and Encouraged Local Stakeholders To Take Ownership
- * Increase Number of DPC's and Geographic Coverage and Activities
- * Data Measures, Tracks and Supports Conclusions

Incoming Notification Requests

- * Changes in Economy +/-
- * Normalize Data
 - * Incoming Notifications / Building Permits / Population Growth

Damage Prevention Report Card

- * County Report Cards Developed In 2004
- * Tracks Progress of Damage Prevention Efforts by County
 - * Key Elements
 - * Public Awareness Metric
 - * Damage Prevention Metric
 - * Damage Reporting Metric
 - * Composite Grade

Damage Prevention Report Card

- * Public Awareness Metric
 - * Incoming Notifications / Building Permits / Population Growth
 - * Grading System - Bell Curve
 - * Understood By All
 - * A, B, C, D, F
 - * Tracked Over Time

Damage Prevention Report Card

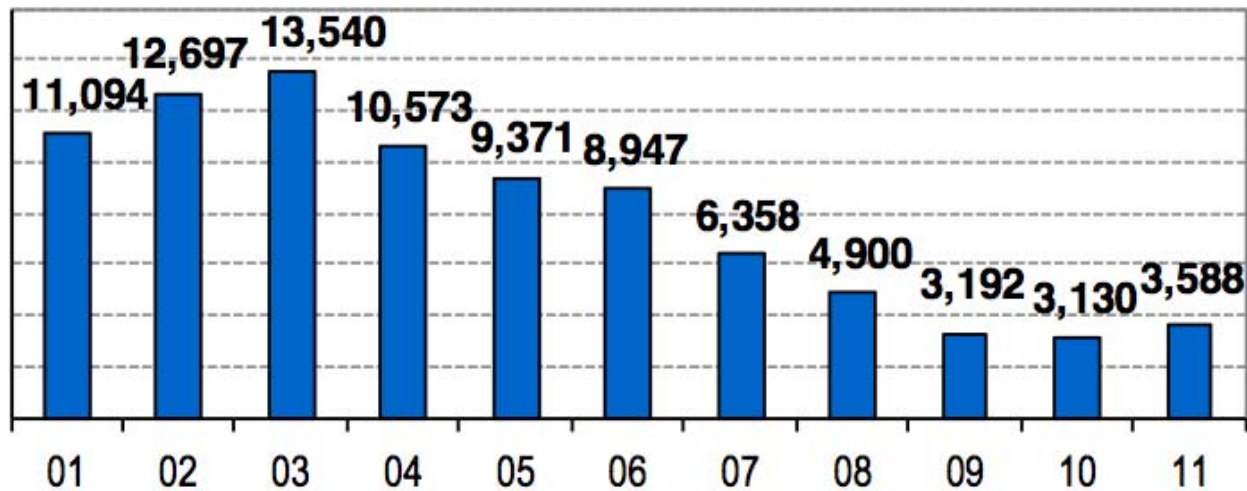
- * Reporting Metric
 - * Damages Reported by Facility Type
 - * Telecommunications, Gas, Electric, Cable TV, Water/Sewer, Pipeline, Other, Unknown
 - * Credit Given for Facility Type Reported
 - * Grading - Score Achieved 0-4
 - * 0=F, 1=D, 2=C, 3=B, 4=A

Colorado Damage Reporting

✦ <http://colorado811.org/web/guest/reports>

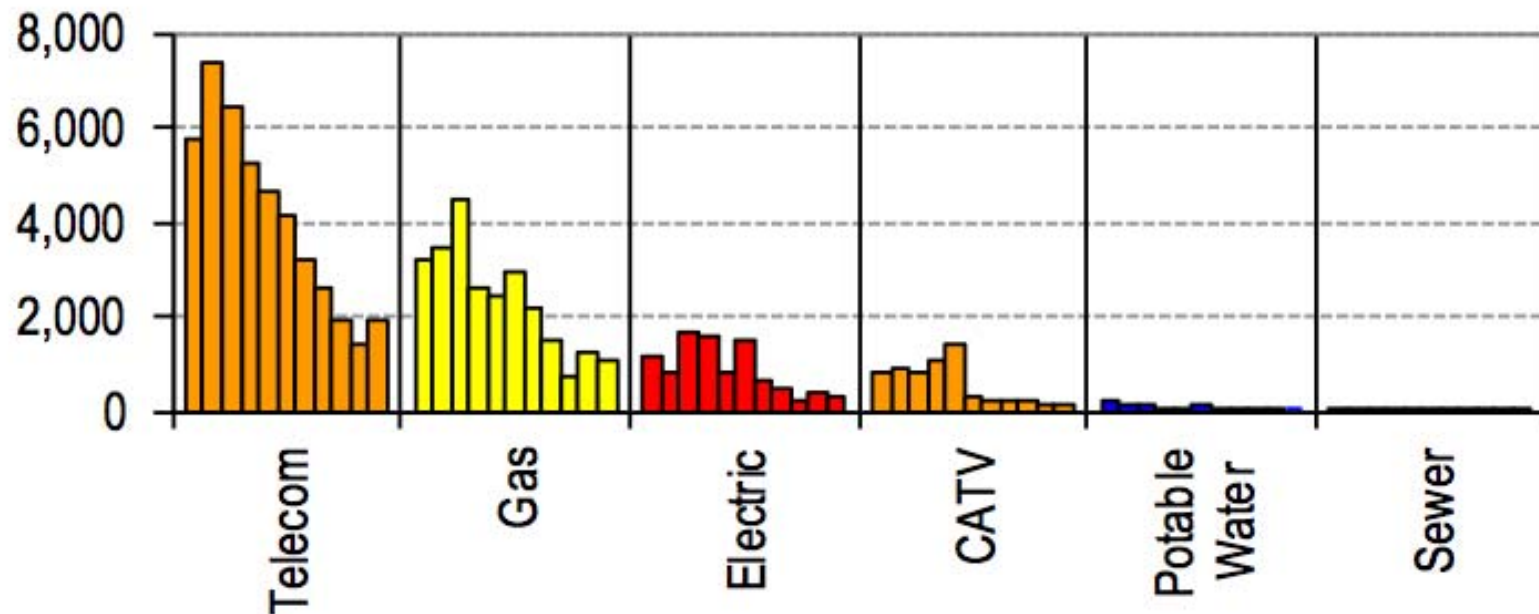
Colorado Facility Damages 2001-2011

Chart 1 # Damages



Grading

Colorado Facility Damages 2001-2011



2011 Colorado Damage Prevention Report Card

Colorado Damage Prevention Report Card® is evaluated and published annually by Colorado 811

Reporting Year	2011
County	Jackson

Note: Colorado has 64 Counties

Grading Area	Grade	Score	Rank of 64	Weight
Public Awareness Metric:	D	0.720	55	50%
Damage Prevention Metric:	C+	5.327	32	25%
DIRT Reporting Metric:	F	0.375	57	25%
Stakeholder Participation:	Not Avail 2011	Not Avail 2011	Not Avail 2011	
County Composite Grade:	D+	1.333		

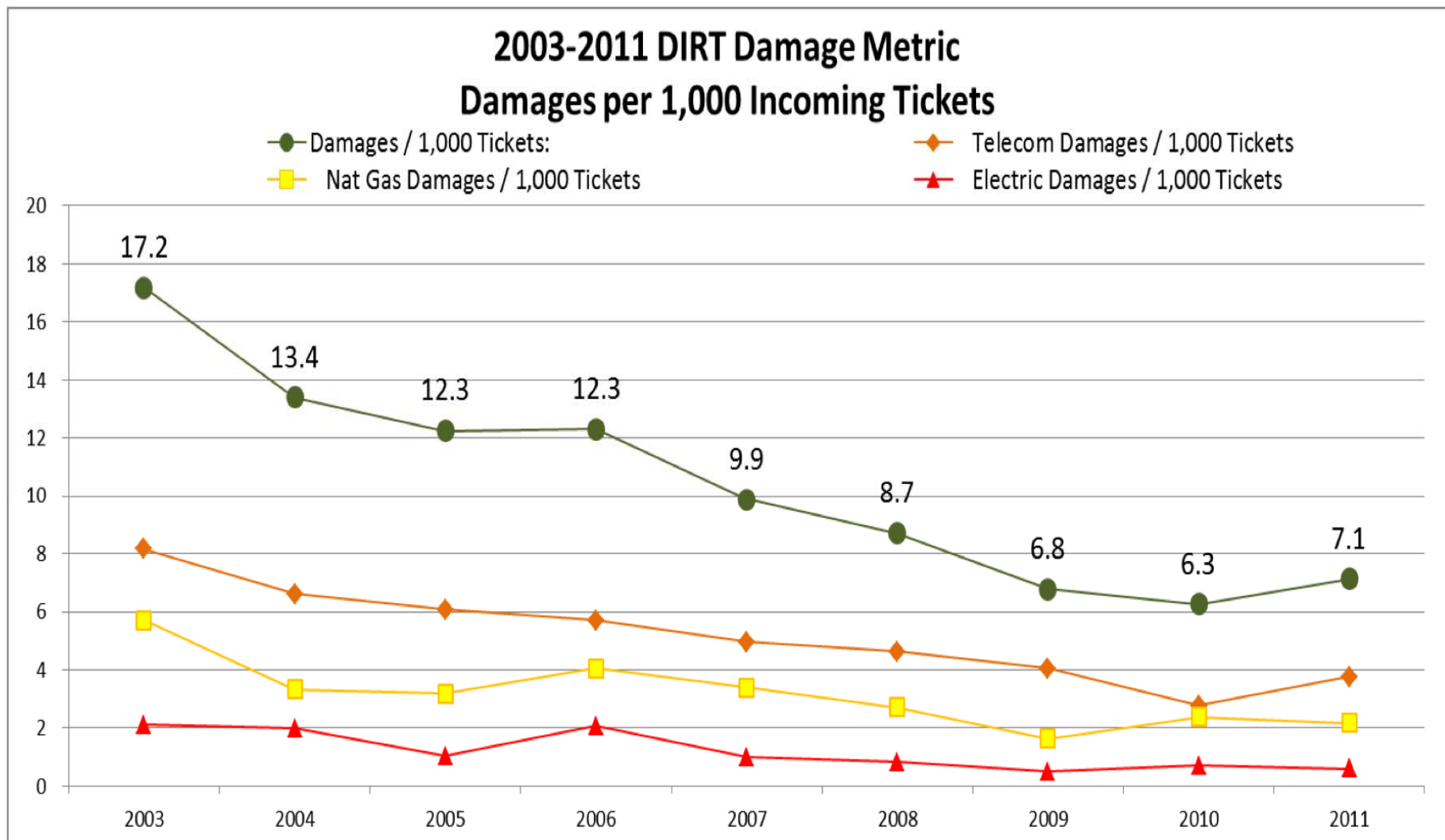
Colorado Damage Prevention Report Card

Colorado Damage Prevention Report Card© is evaluated and published annually by Colorado 811				
Reporting Year	2011	Note: Colorado has 64 Counties		
County	Weld			
Grading Area	Grade	Score	Rank of 64	Weight
Public Awareness Metric:	A-	0.887	4	50%
Damage Prevention Metric:	B	1.872	7	25%
DIRT Reporting Metric:	A-	3.500	10	25%
Stakeholder Participation:	Not Avail 2011	Not Avail 2011	Not Avail 2011	
County Composite Grade:	A-	3.542		
Report Card Metrics				
Demographic Data	County Value	% of State	State Value	Rank of 64
Population:	259,194	5.06%	5,119,778	9

Colorado Damage Prevention Report Card

Perspectives on Facility Damage - 2011

Chart-B – Facility Damages per 1,000 Incoming Tickets by Facility Type



Marathon Pipeline Video



- ✦ Marathon Pipeline Video
- ✦ Field Tile Testimonial
- ✦ Don Masterson – Farmer

Thank you

