

## Iowa PHMSA Pipeline and CGA Dirt Data

### Iowa PHMSA Pipeline Incident/Accidents by Cause Type and Severity

Source: PHMSA Data Mart as of 11/5/2018

**Fiscal Year: 2017 - 2018**  
**Oversight Region: (All Column Values)**  
**Region: CENTRAL State: IOWA**  
**Fed/State: (All Column Values) Regulated By: (All Column Values)**  
**System Type** GAS DISTRIBUTION

Incident Cause Type	ALL REPORTED	SIGNIFICANT	SERIOUS
ALL OTHER CAUSES	0		
EXCAVATION DAMAGE	0		
MATERIAL/WELD/EQUIP FAILURE	0		
OTHER OUTSIDE FORCE DAMAGE	0		
<b>Grand Total</b>	<b>0</b>		

Gas Distribution Incidents

**Fiscal Year: 2017 - 2018**  
**Oversight Region: (All Column Values)**  
**Region: CENTRAL State: IOWA**  
**Fed/State: (All Column Values) Regulated By: (All Column Values)**  
**System Type** GAS TRANSMISSION

Incident Cause Type	ALL REPORTED	SIGNIFICANT	SERIOUS
ALL OTHER CAUSES	0		
EXCAVATION DAMAGE	0		
MATERIAL/WELD/EQUIP FAILURE	0		
OTHER OUTSIDE FORCE DAMAGE	1	0	0
<b>Grand Total</b>	<b>1</b>	<b>0</b>	<b>0</b>

Gas Transmission Incidents

**Gas Distribution Leaks by Cause**

Time run: 11/6/2018 2:00:54 PM

SMART Data as of 11/5/2018 7:08:56 PM

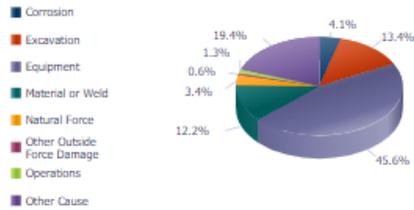
Portal Data as of 11/5/2018 9:50:31 PM

Geo Region: (All Column Values) Geo State: IOWA

Leak Cause	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Corrosion	505	500	480	365	304	485	466	322	231	246	186	175	155
Natural Force	417	467	323	409	695	1,060	1,181	544	378	385	288	205	213
Equipment	5,645	5,602	4,357	3,887	4,560	876	2,246	2,517	2,187	2,529	3,387	3,145	3,424
Material or Weld	1,515	1,104	338	520	750	801	955	533	645	690	77	139	85
Excavation	1,653	1,550	1,171	1,306	1,196	1,203	1,296	1,290	1,190	1,203	1,251	1,299	1,257
Operations	159	227	109	112	176	244	292	61	72	303	215	193	205
Other Outside Force Damage	74	101	70	87	82	246	236	205	211	267	213	218	223
Other Cause	2,401	2,037	1,745	2,304	2,846	2,005	355	342	434	555	487	324	478



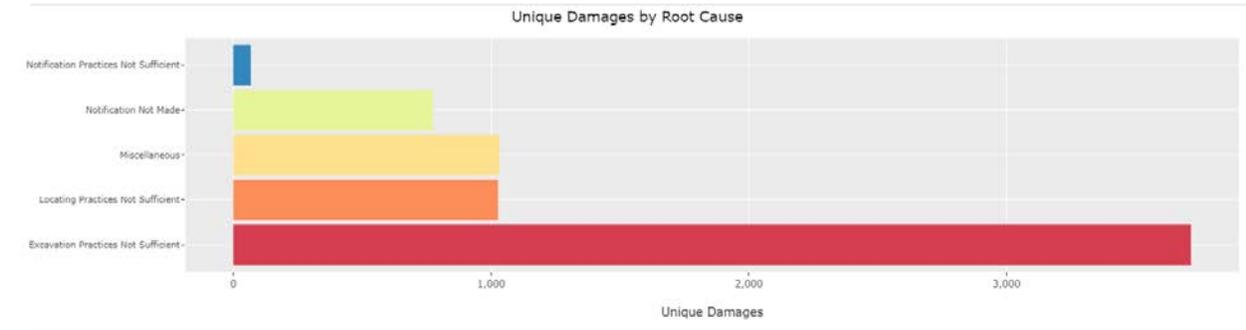
Leaks By Cause



## IOWA Common Ground Alliance Data

Source: Common Ground Alliance (represents all utilities)

Largest cause is excavation practices not sufficient



Source: Common Ground Alliance (represents all utilities)

Largest cause is excavation damages is Excavation Damage not Sufficient

