

2018 MDPB Annual Meeting

May 24, 2018

Michigan Public Service Commission

Gas Safety Staff

MPSC-Operations @michigan.gov



Agenda

- Damage Reporting
- Damage Prevention Statistics
- Damage Complaints
- Excavation Damage Incidents
- Significant Non-Compliances
- Non-Compliance Summary
- PHMSA Audit

Damage Reporting

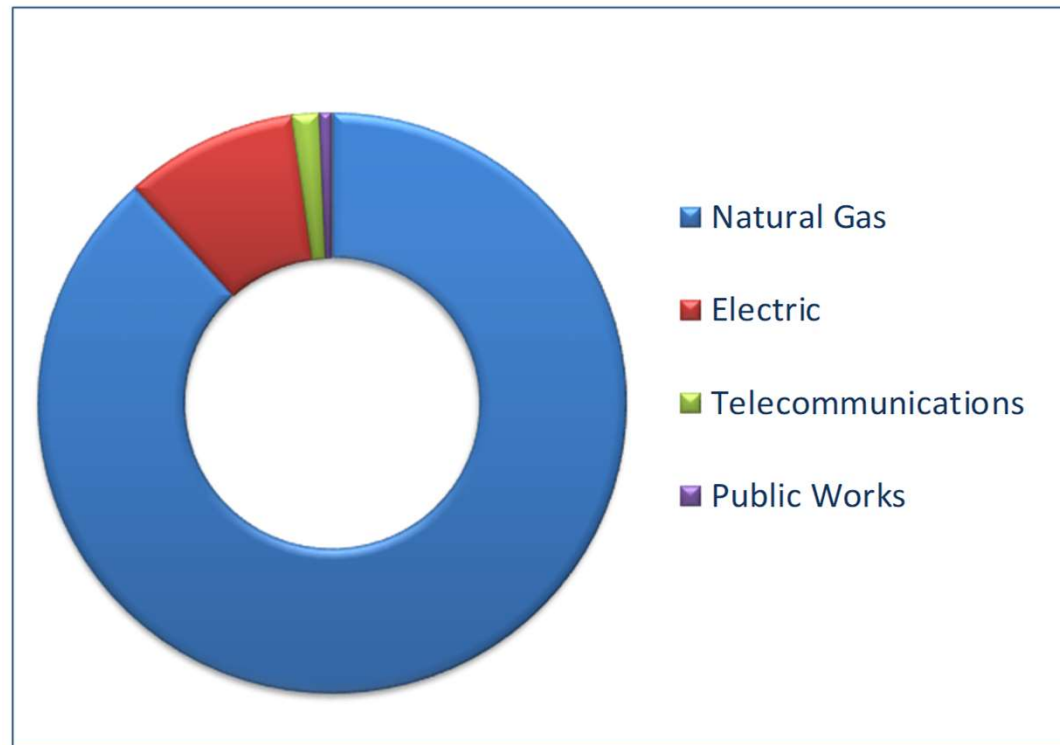
- Quarterly submissions
- Submission to be completed using a CSV file
- Include fields shown in the sample CSV file

2016 Data

> 90% of natural gas distribution customers are accounted

< 50% of electric distribution customers are accounted for

Poor response from others



Damage Prevention Statistics

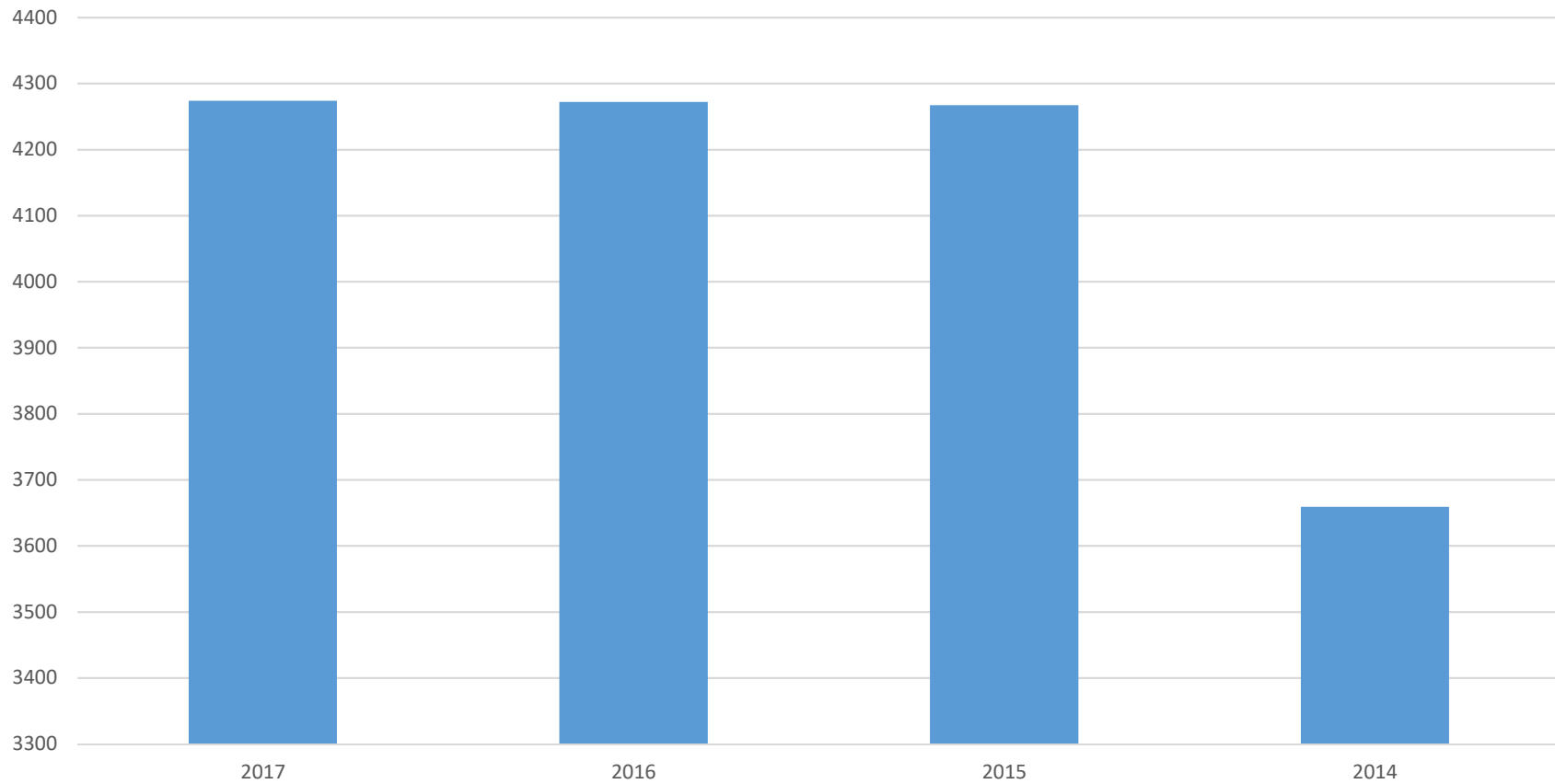
Michigan	
Excavation Damages	4,272
Excavation Tickets	827,516
Excavation Damages / 1000 Tickets	5.2

National	
Excavation Damages / 1000 Tickets	3.1

Source: 2016 Annual Distribution Reports. Form PHMSA F7100.1-1

Damage Prevention Statistics

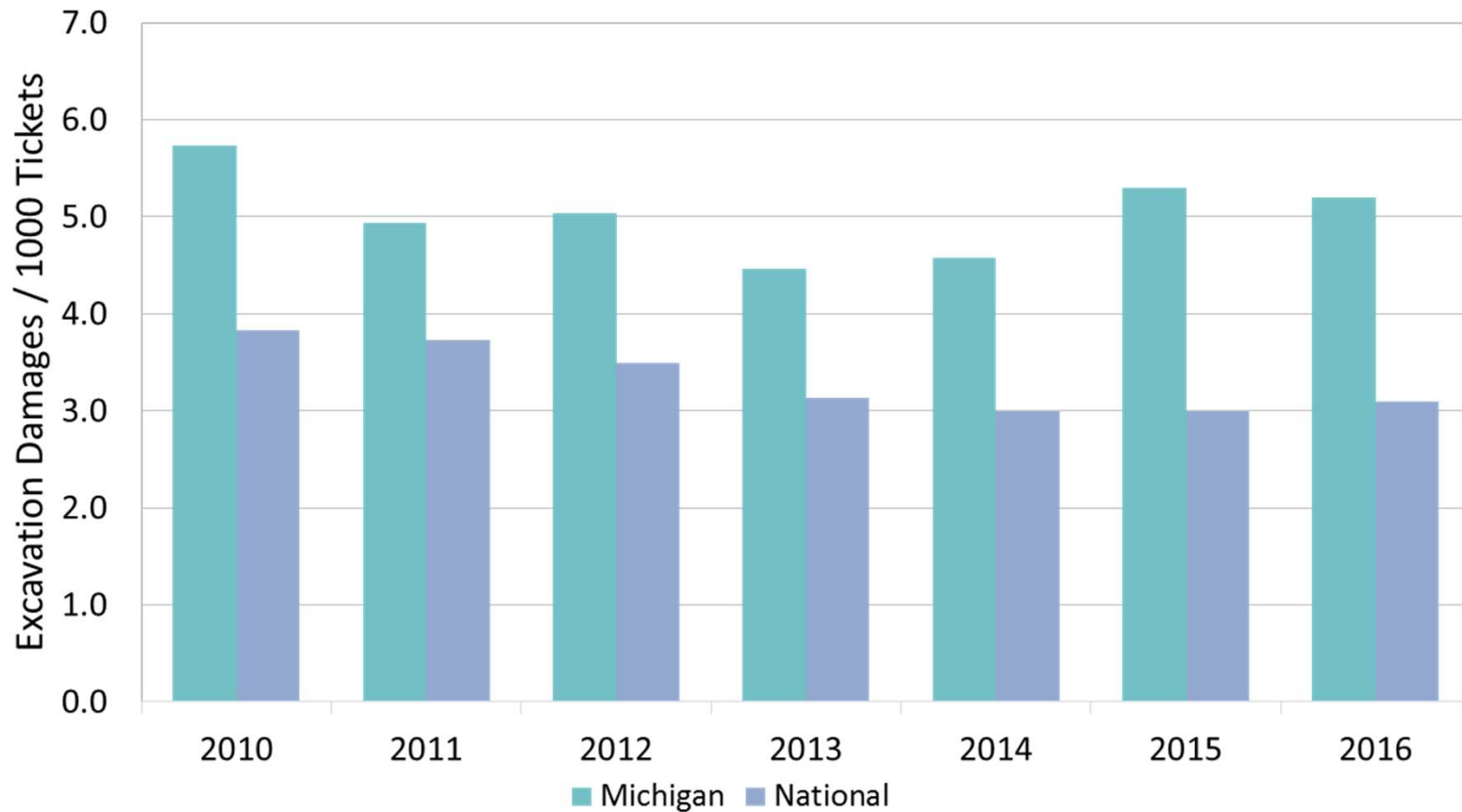
Total Excavation Damages



Source: Annual Distribution Reports. Form PHMSA F7100.1-1

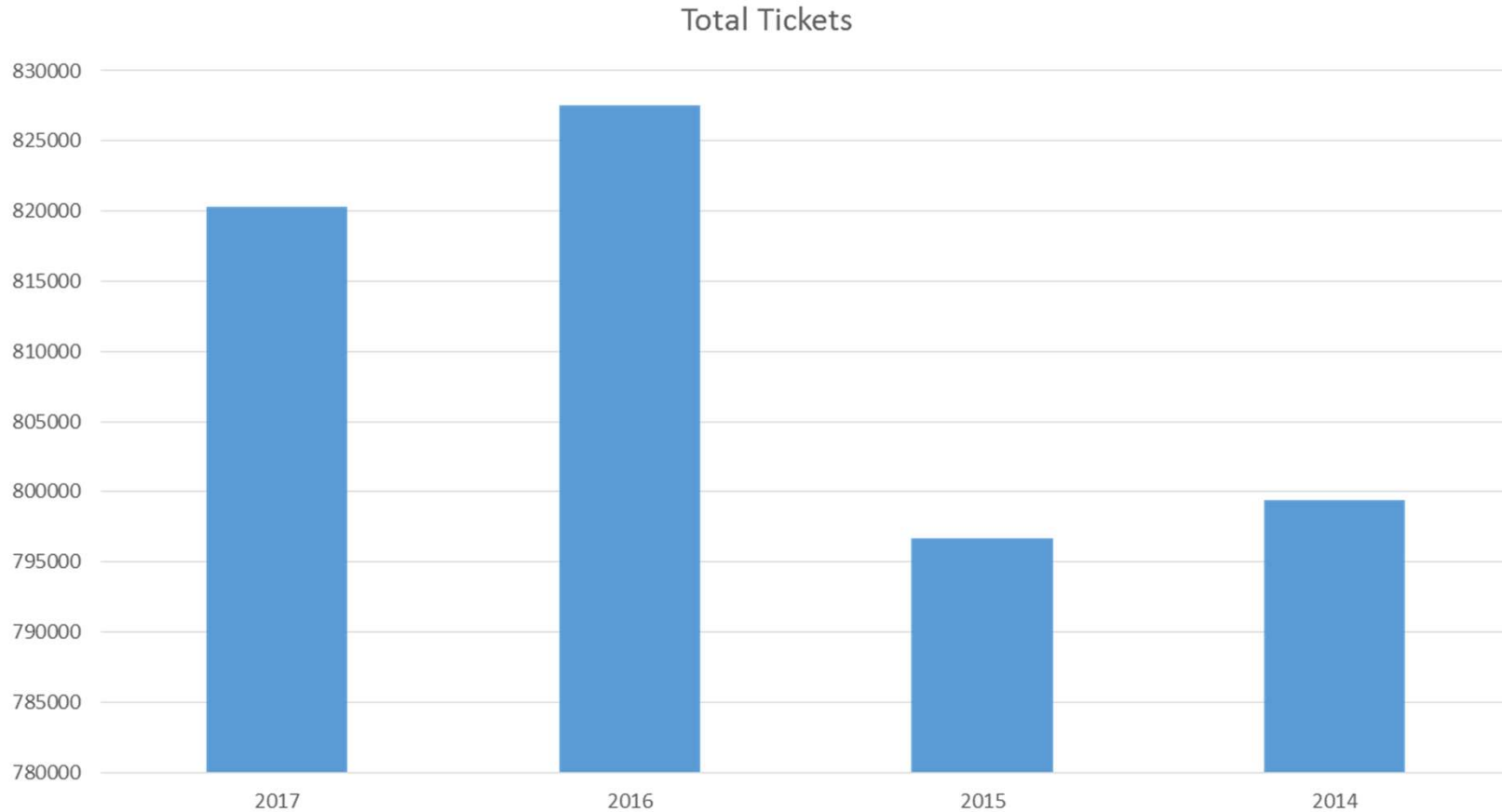
Damage Prevention Statistics

Distribution Damages Caused by Excavation



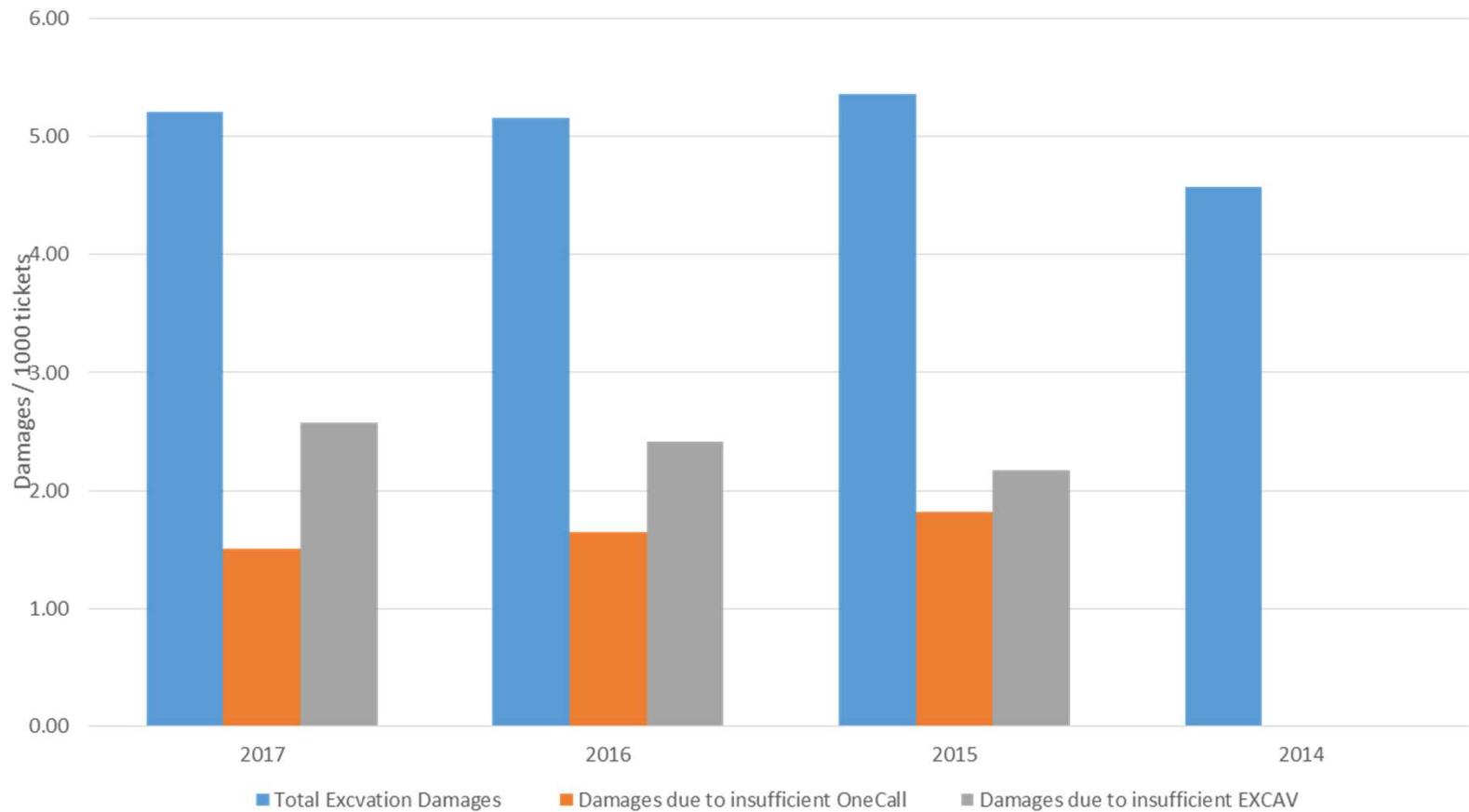
Source: 2010-2016 Annual Distribution Reports. Form PHMSA F7100.1-1

Damage Prevention Statistics



Source: Annual Distribution Reports. Form PHMSA F7100.1-1

Damage Prevention Statistics



Damage Prevention Statistics

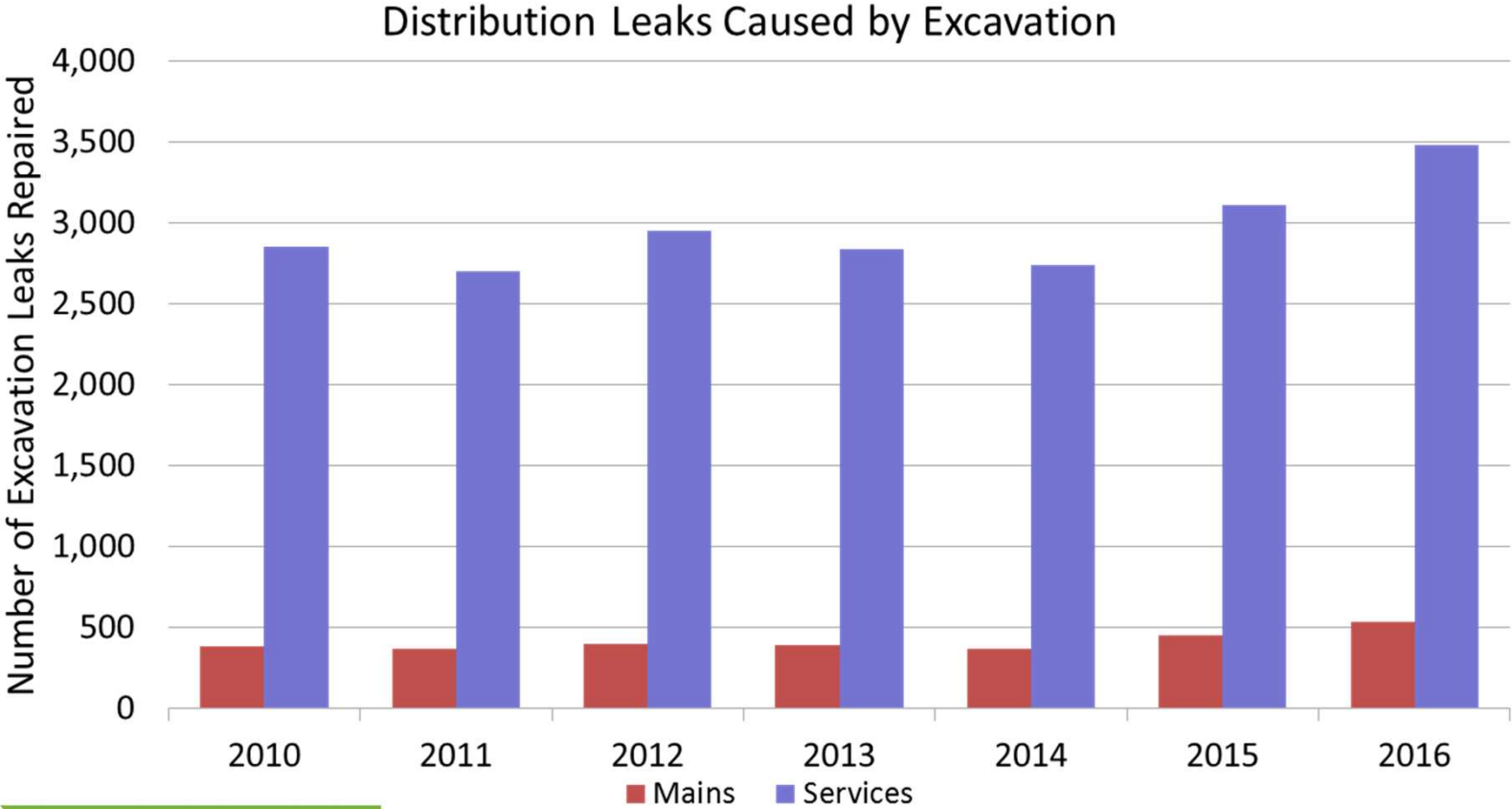
2016 Distribution Pipeline Excavation Leak Summary

Mains	
Excavation Leaks	539
Leaks / 100 Miles of Main	0.92

Services	
Excavation Leaks	3484
Leaks / 1000 Services	1.06

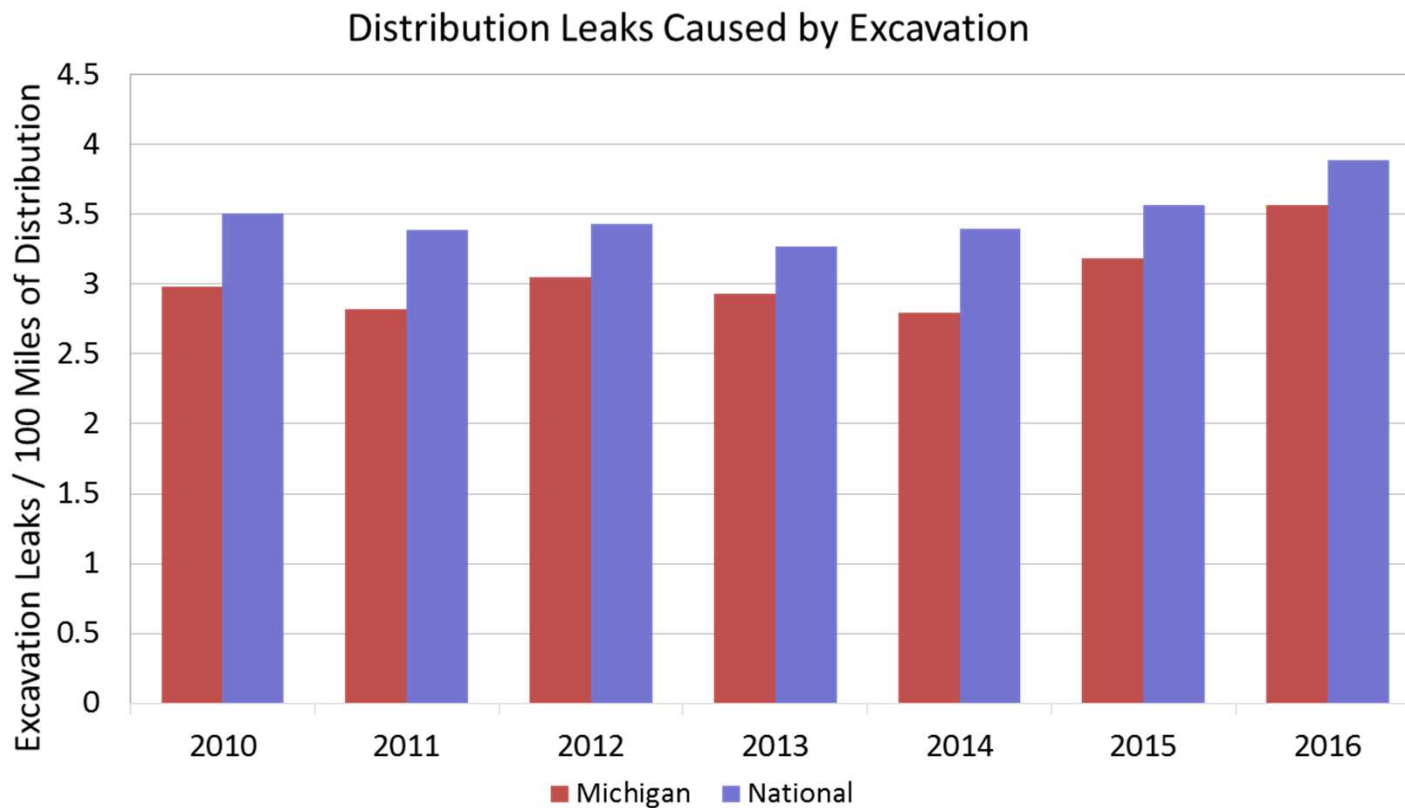
Source: 2016 Annual Distribution Reports. Form PHMSA F7100.1-1

Damage Prevention Statistics



Source: 2010-2016 Annual Distribution Reports. Form PHMSA F7100.1-1

Damage Prevention Statistics



Damage Complaints

- Damage prevention complaint form is available at <http://michigan.gov/mpsc>
- 108 complaints filed since PA 174 became effective on April 1, 2014
 - 23 complaints filed in 2017
 - 9 complaints filed in 2018
- 24 complaints warranted investigation under PA 174

Excavation Damage Incidents

- Damages reported under Rule 460.20503 after April 1, 2014, are subject to investigation for violations of PA 174
- Numerous damage cases have been investigated and closed with probable violation letters issued with civil fines
- Incidents involving damage will be actively investigated as they are received

Significant Non-Compliances

- **MCL 460.725(5):** Excavator did not use soft excavation at intervals reasonably necessary to establish the precise location of facility
 - Did not use soft excavation in the caution zone
 - Blind boring while crossing a marked facility
 - Saw-cutting pavement
- **MCL 460.725(1):** Excavator not providing a dig notice at least 72 hours in advance of excavation
 - Due to lack of knowledge of Act 174
 - Failure to provide a notification to MISS DIG
 - Excavating outside the scope of MISS DIG ticket
 - Incorrect ticket information entered

Significant Non-Compliances

- **MCL 460.727(1):** Operator not responding to a ticket by the start date and time of the excavation; not marking facilities in the area of proposed excavation or blasting in a manner that permits the excavator to employ soft excavation to establish the precise location of the facilities
 - Failure to mark facilities prior to dig start date
 - Markings were off by greater than 48”
 - Incorrect use of the positive response

Non-Compliance Summary

- In 2017, 22 non-compliance letters have been issued and assessed with civil fines
- Damage prevention cases are being tracked for multiple offenses of PA 174 for the assessment of civil fines for repeat offense cases

PHMSA Audit

- PHMSA conducted an adequacy evaluation of Michigan's enforcement of PA 174 on November 9, 2017
- No specific concerns were noted

Questions or Comments?



**Know what's below.
Call before you dig.**