PSU Portal & ODOT TOC 5/15/2019





Transportation Operation Centers (TOCs)

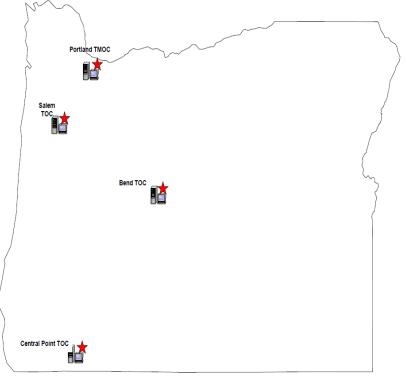
- Overview
- Data Warehouse/ Extraction
 - Reports

TOCs in Oregon



Transportation Operation Centers (TOCs)

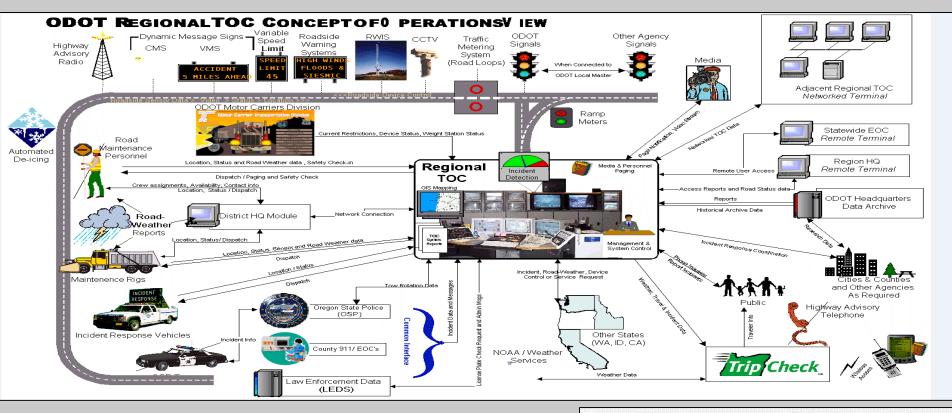
- Portland TOC (TMOC) -2B,2C
- Salem TOC (NWTOC)- 1,3,4,5
- Central Point TOC (STOC) 7,8,11
 - Bend TOC (CTOC) 9,10,12,13,14



TOC Roles:

- Incident Management
- Emergency Management
 - Traveler Information
 - Winter Operations
- Maintenance Operations
 - Device Management
 - Traffic Management
- Construction Operations
- Highway Mobility Operations

TOC



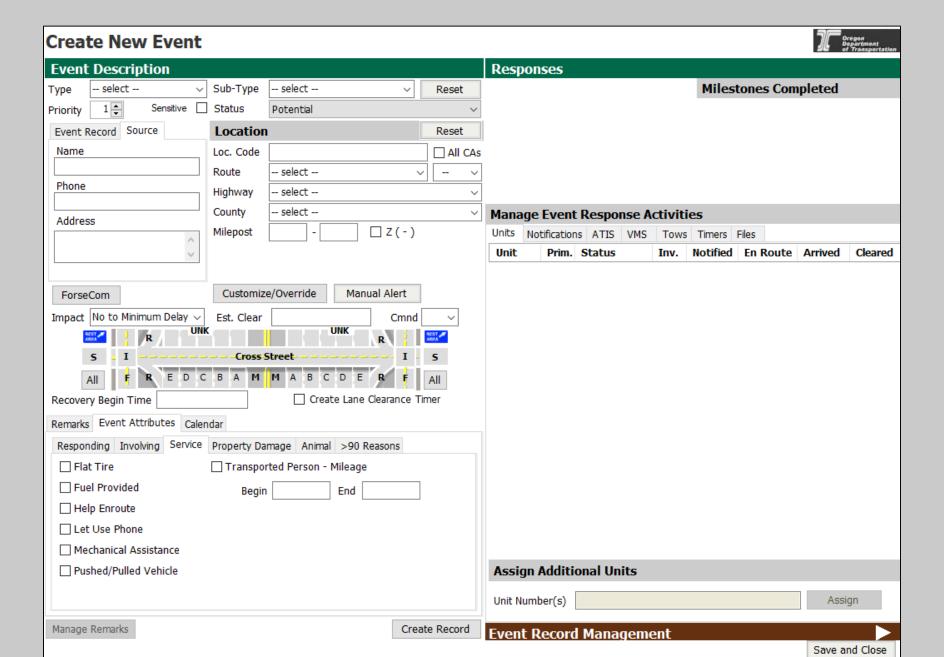
Overview

Partnerships

Law Enforcement Data System (Oregon State Police)



TOC - Software GUI



Inview

INVIEW

Home

Мар

Event Search

Add New Event

Repairs

Resource Search

Add Resource

Road & Weather

Update R&W Report

Snow Zones

Crew Logger

Secure Reports

General Reports

Tools

Links

Change Mode

Welcome to INVIEW Reports

cidents ITS Inventory Miscellaneous Other Agencies Road & Weather TOC Operations Traveler Information

Active Incidents

· Current Incidents

Incident Counts

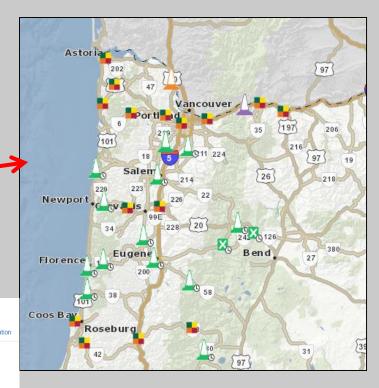
- · Count by Type and Command Area for a Month by Day
- · Event Count By Maintenance Crew By Month
- · Statewide Summary by Type of Event

Incident Duration

- · Roadway Clearance Time for Crashes and Fatal Crashes Map View
- · Roadway Clearance Duration for Crashes and Fatal Crashes Pie Chart
- Roadway Clearance Percentage of incidents meeting 90 min goal Trend Chart
- · Highway Closure Duration for Crashes and Fatal Crashes
- · Crew, Unit, and Event Response Times
- Over 90 Minute Roadway Clearance Causes

Incident Summary

- Closure Summan
- Daily Major Event
- Event Summary
- Event Summary Long
- Eveni Summary Long
- NEDC Reportable Incidents
- · Property Damage Summary
- Emergency Vehicle Usage
- · Roadway Clearance State KPM Gauge
- Motor Carrier Closure Report

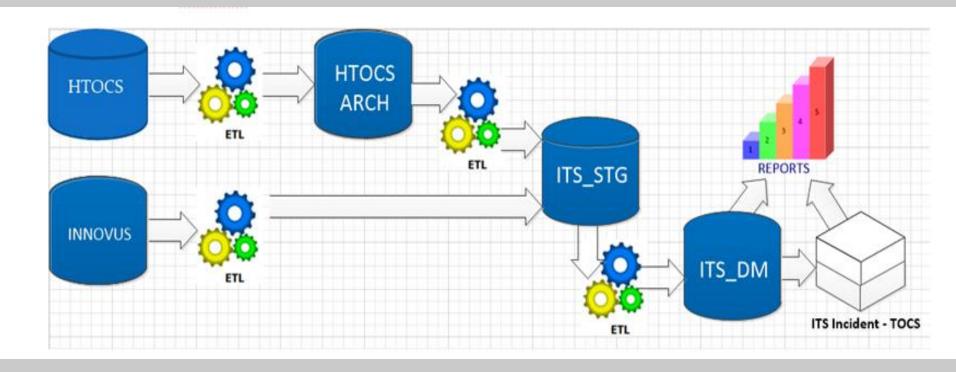


- INVIEW allows authorized users to search for and view events, crews and units, reports, etc.
- Access the Crew Logger tool and INVIEW reports

Incident History Report

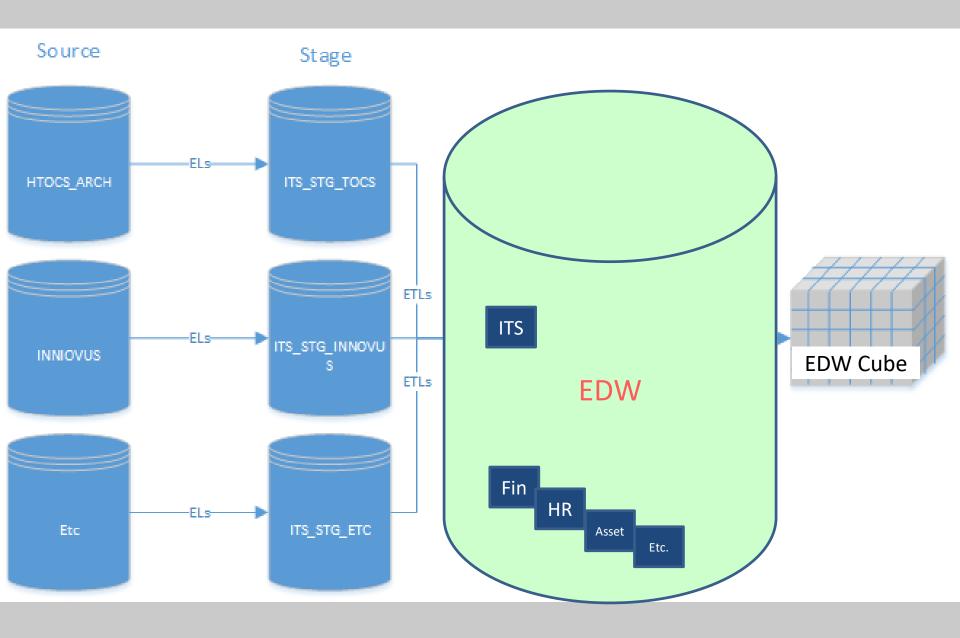
Oregon Department of Transportation									
	Event History Report								
	Event: 17T083794								
	Created: 09/04/17 12:43:30 PM								
	Originator: hwyr18j, Dispatcher: hwyr18j								
Sub-Type Priority		riority	Command Are		ea Location		Lanes Affected		
Crash		1		2B		35 I-5 PACIFIC 001, nomah			
Source									
DISPATCHER									
Lanes Cleared	Event (Cleared	Congestio	n Cleare	d	Devices Cleared	Repairs Complete		
09/04/17 01:39:17	PM 09/04/17 PM	7 01:40:42							
Shared	Shared Related			External Sync'd External Related					
			DESCHUTES:17276872						
Disposition	21:Assistance			Schedule Start			Schedule End		
21:Assistance									
Rendered									
Time	Elap Time	User	Unit	Action	n Tak	en / Remarks			
09/04/17	00:00	hwyr18j		New E	vent:	Crash, Priority: 1; Ge	-Located: /broadway;		
12:43:30 PM				302.35 I-5 PACIFIC - 001; Portland, OR, County:					
				Multnomah, Command Area: 2B, Crew: 1204, Tow Zon					
				1101; Status: Pending; Impact: No Impa Removed;Est Clear Date/Time: 9/4/2017			•		
09/04/17	00:00	hwyr18j							
12:43:35 PM		, ,		crash sb 5 atbroadway					
09/04/17	00:01	hwyr18j							
12:44:49 PM				MULTI-VEH CRASH SB AT ROSE QTR EXIT			E QTR EXIT		
09/04/17	00:01	hwyr18j							
12:44:55 PM	55.51			B/C LA	NES	CLOSED			
09/04/17	00:02	hwyr18j		Impact	chan	ged to: 20 min - 2 hou	urs; Updated Source:		

TOCs – Data Output Process – Previous

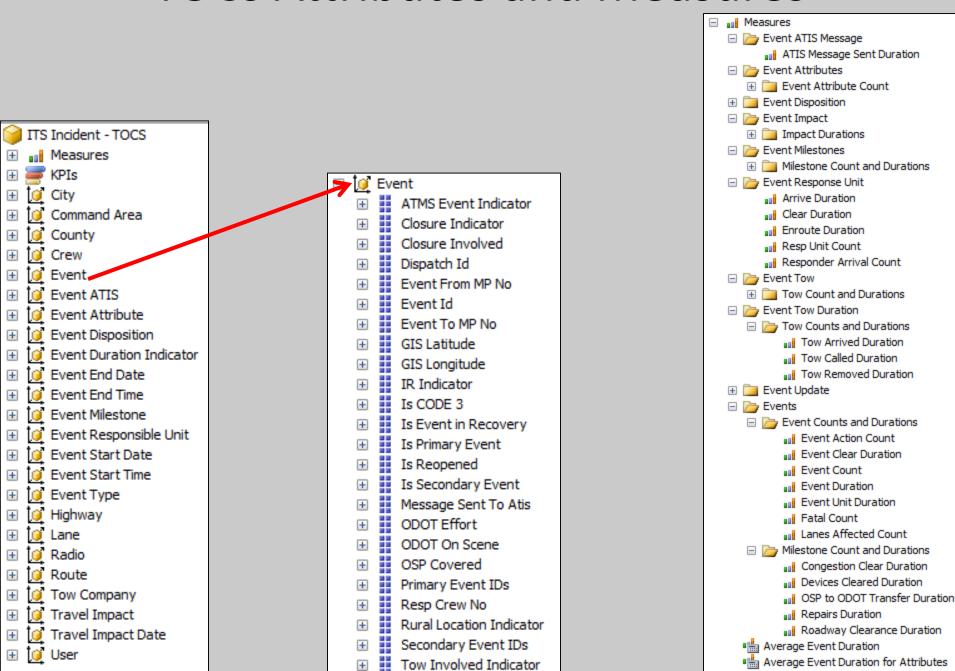


- ITS_STG is populated from source data
 - ETLs are preformed
 - ITS STG feeds into ITS DM
- TOCS_CUBE further compresses data from ITS_DM

TOCs – Data Output Process – As Is



TOCs Attributes and Measures



TOCs –Reports Connection Permitting

IR Dashboard

Push, Pull, Drag (PPD)

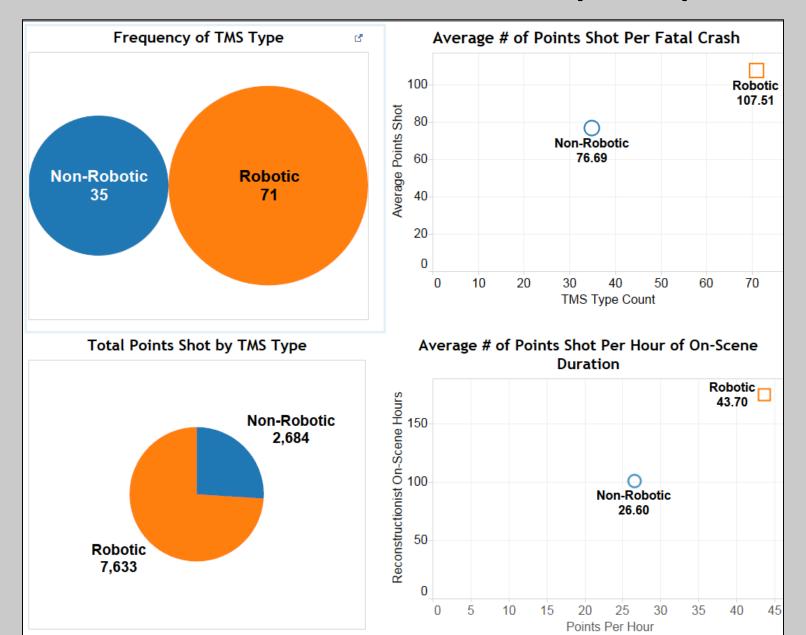
• ITS Assets

Response Plan System

TOCs –Reports Statewide Roadway Clearance %

Year	Total Crashes Impacting Travel Lanes	Crashes under 90 minute Goal	Percentage	e of Events Under 90 Minutes
2013	5179	4041	78%	
2014	5960	4735	79%	
2015	5507	4348	79%	
2016	6408	4941	77%	100
2017	6699	5166	77%	
2018	6597	5309	80%	
2019	2415	1915	79%	

RTMS - OSP Partnership Report

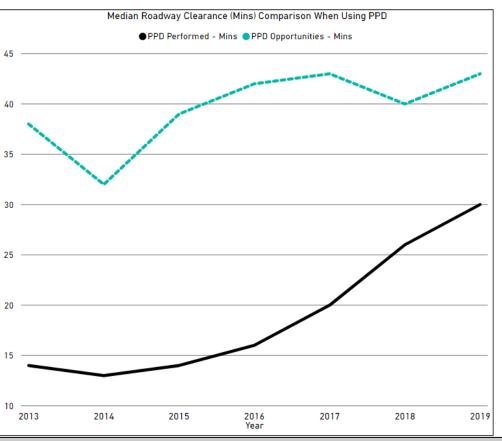


Push, Pull & Drag Report

Statewide Push/Pull/Dragged Event Count - Lane Blocking Events

Subtypes: Abandoned Vehicle - Hazard, Crash, Disabled Vehicle - Hazard, Fatal Crash, Hazard Tow, and Vehicle Fire

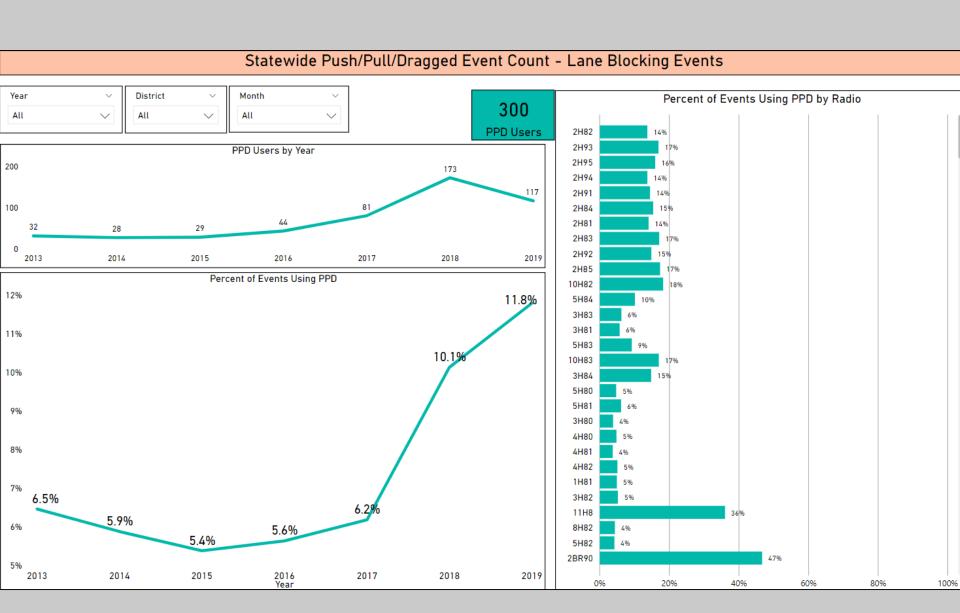




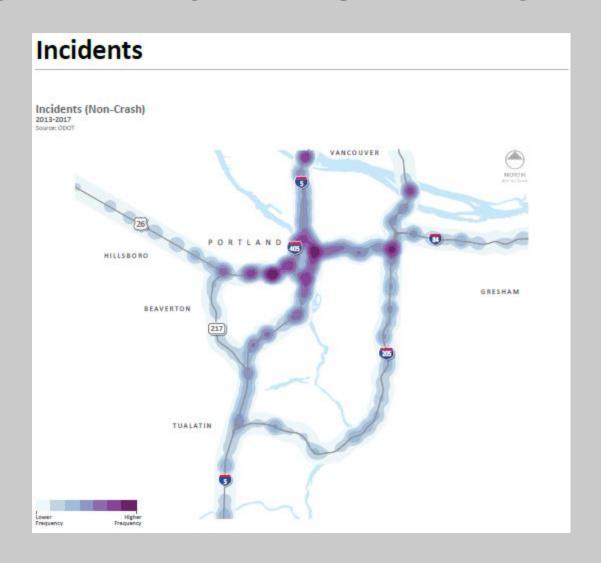
	% Clearance Change by District & Year							
District	2013	2014	2015	2016	2017	2018	2019	Total
1		-42.4 %	73.8 %	-82.3 %	-52.4 %	-42.9 %	-18.4 %	-45.8 %
10		-23.3 %	-59.7 %	11.7 %	-61.1 %	-3.4 %	-59.1 %	-37.3 %
11				-54.4 %	-15.6 %	-27.6 %	-50.0 %	-39.0 %
12						-38.5 %	-61.1 %	-34.8 %
13					-28.0 %	-11.4 %	40.4 %	-12.0 %
14				-96.5 %	-72.5 %	58.9 %	-48.9 %	-58.0 %
2B	-30.0 %	-23.5 %	-33.3 %	-33.3 %	-27.1 %	-32.0 %	-29.2 %	-31.8 %
2C			-64.1 %	-8.2 %	-26.1 %	6.8 %	-43.6 %	-15.0 %
3	-30.9 %	-42.1 %	-34.0 %	-10.7 %	-29.4 %	0.0 %	-8.8 %	-13.7 %
4	-15.3 %	-42.6 %	-53.5 %	-48.3 %	-39.3 %	-6.0 %	-29.6 %	-24.1 %
5	-31.1 %	-38.8 %	-42.3 %	-41.3 %	-43.3 %	-23.3 %	-23.1 %	-31.1 %
7			-67.2 %	-79.5 %	-39.7 %	-8.6 %	-34.5 %	-37.9 %
8	-44.6 %	-50.0 %		-22.9 %	-21.6 %	-24.7 %	-24.7 %	-28.9 %
9		-41.5 %			-27.1 %	-8.8 %	-70.9 %	-33.7 %
Total	-63.2 %	-59.4 %	-64.1 %	-61.9 %	-53.5 %	-35.0 %	-30.2 %	-55.0 %

3435 PPD 48985 PPD Opportunities

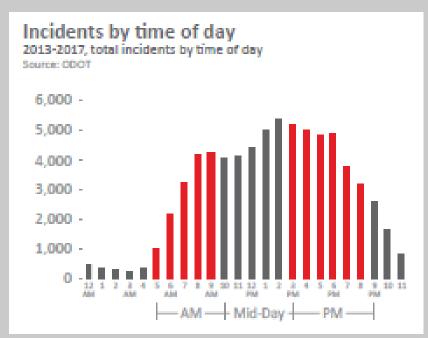
Push, Pull & Drag Report

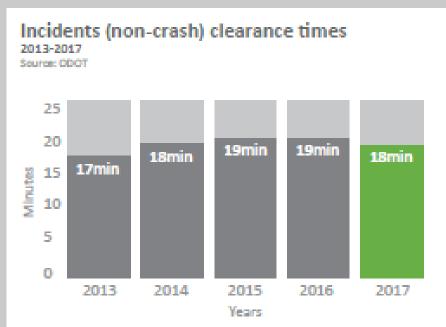


2018 TRAFFIC PERFORMANCE REPORT

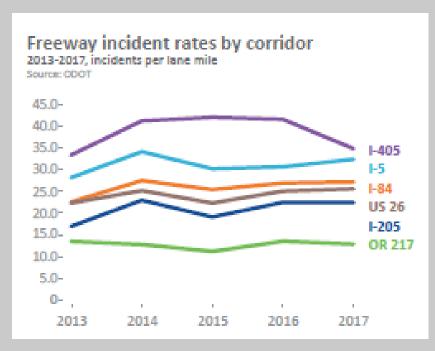


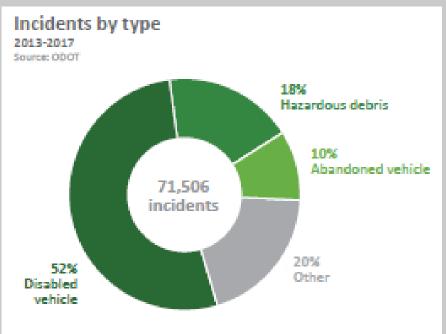
2018 TRAFFIC PERFORMANCE REPORT





2018 TRAFFIC PERFORMANCE REPORT

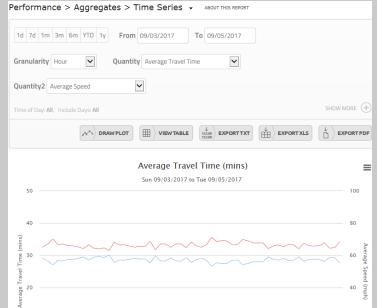




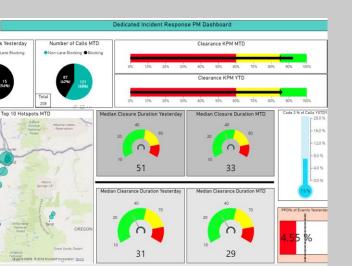
Future Reports/Reporting Tools Where we want to go:

Current

- E-Mail Blasts
- SSRS Reports
- INVIEW Reports
 - Trip Check



- Power BI
- iPeMS
- WAZE
- Live Reports
 - Partnership Reports





THANK YOU.