

Agenda Item VII

Traffic Safety Performance:

Regional Collision Data Trends
and MAP-21 Compliance

April 4, 2017

Traffic Safety Performance



At a Glance:

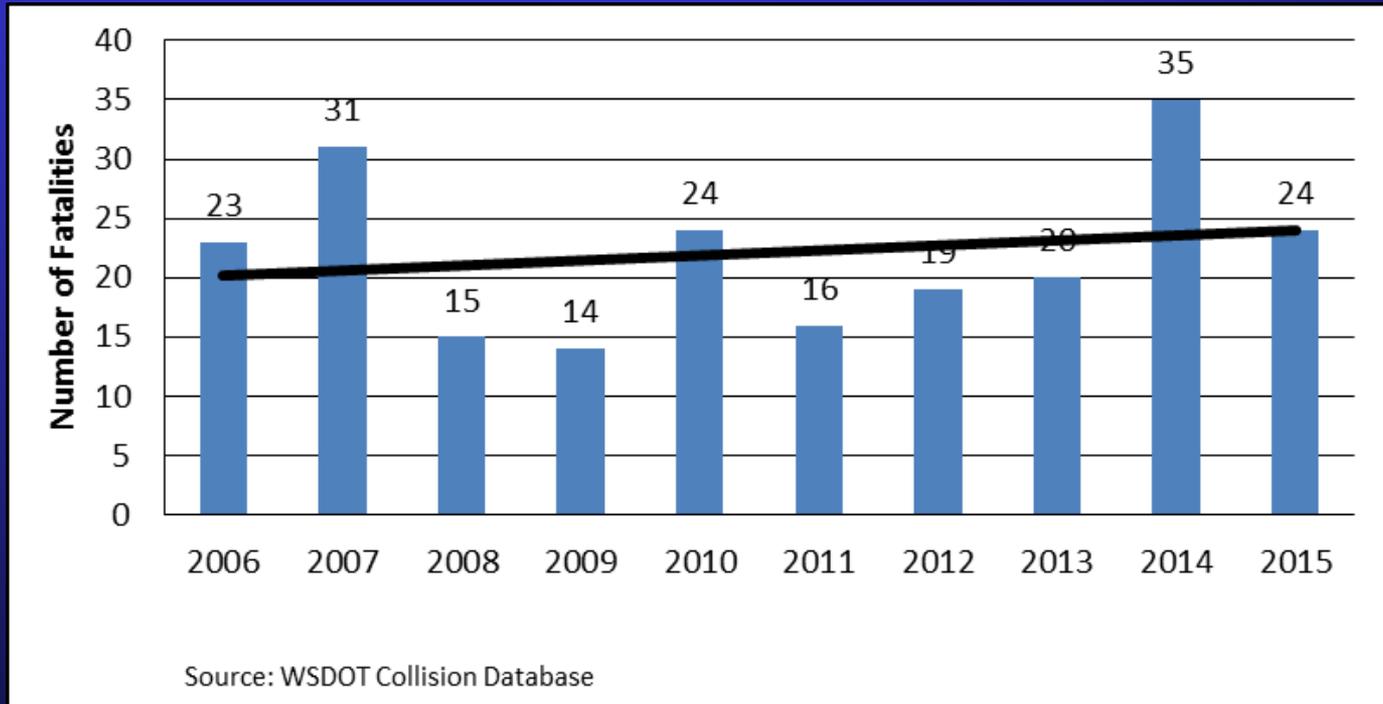
- ◆ *Introduces Traffic Safety Performance provisions of the federal transportation act, MAP-21*
- ◆ *Presents Clark County trend data for collisions resulting in fatalities and serious injury*
- ◆ *Provides a timeline for WSDOT's and RTC's compliance with new federal safety performance management requirements*

Safety Planning Requirements

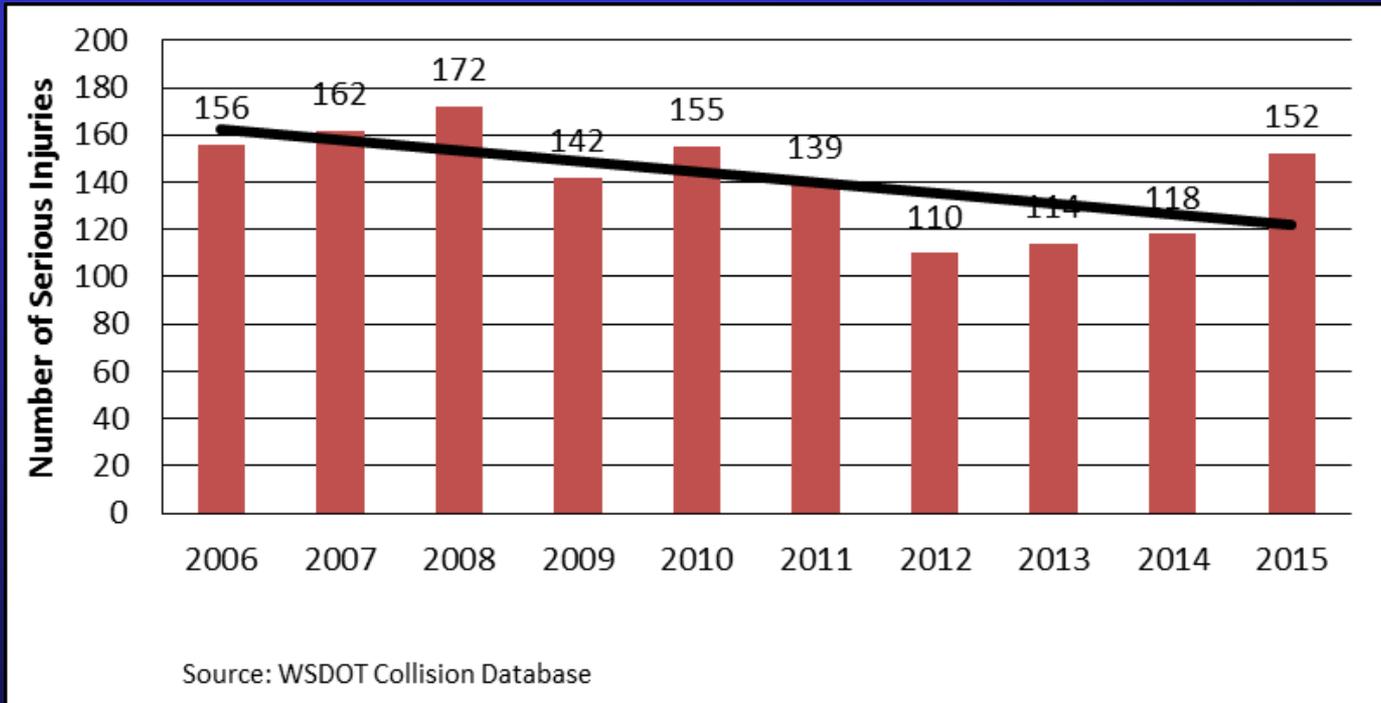
- ◆ Federal transportation legislation designated safety as a stand-alone planning factor
- ◆ Each state required to develop a statewide coordinated safety plan
- ◆ RTC develops a Safety Element as part of the Regional Transportation Plan
- ◆ MAP-21 – New, Safety Performance Measures and Targets

Clark County Collision Data: Trends

Fatalities, 2006-2015



Clark County Collision Data: Trends Serious Injuries, 2006-2015



Clark County Priority Collision Factors



Priority Level One

1. Impaired Driver Involved
2. Speeding
3. Young Driver (16-25)
4. Run-Off-the-Road
5. Intersection Related

Clark County Priority Collision Factors



Priority Level Two

1. Unrestrained Vehicle Occupants
2. Unlicensed Driver
3. Distracted Driver
4. Pedestrian
5. Motorcyclist
6. Opposite Direction (head-on)

Safety Performance Management



- ◆ MAP-21 (July 2012): new provisions for performance based planning and programming
- ◆ FHWA Final Rules (effective April 14, 2016) for:
 - ◆ Highway Safety Improvement Program (HSIP)
 - ◆ Safety Performance Management Measures for all public roads

Safety Performance Measures and Targets:

- ◆ Number of Fatalities
- ◆ Rate of Fatalities per 100 Million Vehicle Miles Traveled
- ◆ Number of Serious Injuries
- ◆ Rate of Serious Injuries per 100 Million VMT
- ◆ Number of Non-Motorist (bicyclists and pedestrians) Fatalities and Serious Injuries

Safety Performance Management: Timeline



Date	Description
Late Apr. 2017	WSDOT to publish folio and provide crash data to MPOs
By Aug. 31, 2017	WSDOT to report statewide 2014-2018 safety targets to FHWA
By Feb. 27, 2018	MPO to establish regional 2014-2018 targets
After May 27, 2018	RTPs must include safety performance measures & targets TIPs must include contributions toward achieving safety targets
By Aug. 31, 2018	WSDOT to report statewide 2015-2019 safety targets to FHWA
By Feb. 27, 2019	MPO to establish regional 2015-2019 targets
Dec. 2019	FHWA determines WSDOT progress to meet 2014-2018 targets

Performance Management: Next Steps



Safety Related:

- ◆ Share information with RTC Board, adopt targets

Other:

- ◆ Bridge and Pavement Conditions
- ◆ Performance/Freight/Air Quality
- ◆ Transit (including state of good repair and transit asset management, safety)