

# Intelligent Transportation Systems/ TripCheck.com

Intelligent Transportation Systems helps keep Oregon's traffic moving efficiently and safely. Comprised of computer technology and sophisticated electronic equipment, ITS enhances traffic and transit management and provides detailed travel information to Oregon motorists.

## ITS program goals

- Improve safety for travelers.
- Better manage the capacity of Oregon's highway system.
- Reduce highway operation and maintenance costs.
- Increase travel efficiency and trip predictability.
- Improve mobility and access to alternate travel modes.

## ITS supports better operation of the highway systems

- Using regional operation centers, automated weather and vehicle detection systems, highway ramp metering, and incident response vehicles, ITS helps reduce congestion and keep traffic moving.
- Adaptive traffic signal systems also aid roadway efficiency by adjusting traffic signal timing in real-time response to traffic conditions.

## ITS improves public transportation

- **Real-time information** is available about arrival times at bus stops and MAX light rail stations throughout the Portland metro area. It is available online at [www.trimet.org/transittracker](http://www.trimet.org/transittracker) for all routes.

- The **Transportation Options section of TripCheck.com** allows users to search statewide for public transportation options.

## By the numbers

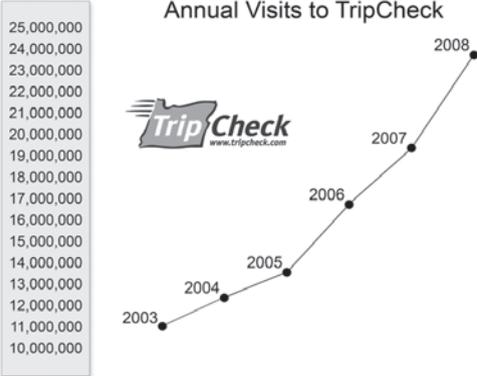
- **65,000+ : the number of calls** Transportation Operation Centers handled in 2008, sending highway workers to clear crashes and other hazards.
- **262: highway cameras** — see them at [www.TripCheck.com](http://www.TripCheck.com).
- **146: ramp meters** — all in the Portland area.
- **562: traffic loop detectors** — all in the Portland area.
- **145: portable message signs** used statewide.
- **82: road and weather information stations** located statewide.
- **91: permanent variable message signs** located statewide.
- **24: highway advisory radios.**
- **12: weather warning systems.**
- **13: remotely controlled snow zone signs.**

This technology helps reduce commuting challenges, improves safety on mountain passes and during severe weather, and puts vital, real-time information in the hands of travelers.

## 2008 Traffic and Incident Management Activities Breakdown

TYPE	NUMBER	PERCENT
Crashes	15,060	23.01
Abandoned Vehicles	2,446	3.74
Disabled Vehicles	15,899	24.29
Debris/Hazard	17,477	26.70
Fatalities	152	0.23
Other	14,425	22.04

**TripCheck systems use**



**TripCheck.com and 511**

TripCheck, ODOT’s award-winning traveler information system, provides a wealth of travel information online at [www.tripcheck.com](http://www.tripcheck.com) and via the phone by dialing 511.

**TripCheck.com offers:**

- State and city **incident maps**.
- **Alerts** — high impact incidents and road conditions.
- **Road reports** from ODOT crews.
- Regional **weather forecasts**.
- Roadside **cameras**.
- Information from **automated weather stations**.
- **Traveler Services** links: hotels, restaurants, attractions and more.
- Information about **scenic by-ways**, rest areas, Sno-Parks.
- **Bus, rideshare, bicycle** and airport information.
- **Trucking information**.
- **Mileage calculator**.
- Data formatted for **wireless phones**, including iPhone ([www.tripcheck.com/mobile](http://www.tripcheck.com/mobile))
- **Twitter feeds**, so you can get information on the highways you choose.

**511 – get information by phone:**

- Road conditions.
- Incident information.
- Touchtone or voice activated commands.

Call toll free 511 or (800) 977-6368 in Oregon. Outside Oregon, call (503) 588-2941.

ODOT’s ITS program is smart for Oregon, and because of its many benefits, it will continue to play a key role in maximizing the efficiency and safety of the transportation system in Oregon.



*Celebrating 10 Years of Service*

*In 2010, TripCheck.com celebrated its 10th anniversary. Congratulations!*