



WTP2035

WASHINGTON TRANSPORTATION PLAN

CONNECTING WASHINGTON COMMUNITIES
FOR A HEALTHY AND PROSPEROUS FUTURE

Washington Transportation Plan 2035

Transportation Commission Work Session

March 18, 2014

Agenda

1. Status Report on Current Activities

Summary of issues and guidance from Advisory Group meetings

Existing conditions and trends

Outreach & engagement

2. WTP 2035 Vision Statement

3. Emerging Themes for WTP 2035

4. Discussion & Questions

5. Project Schedule

Advisory Group Guidance

- Must make the case for sustainable, strategic transportation investment that supports economic development and other top-level goals and objectives
- Develop a single, statewide plan that is supported by all jurisdictional levels and relevant to all regions
- Provide policy direction that results in projects that support economy, environment and public health
- Focus on performance-based planning, accountability for implementation and expenditure
- Address significant tribal transportation needs

Outreach and Engagement Actions

- Advisory Group – two meetings so far
- Stakeholder Roundtables in April
 - PSRC
 - Spokane
 - Vancouver
 - Yakima
- Other Stakeholder Outreach
 - Washington Economic Development Association
 - Tribal Transportation Planning Organization
 - Transportation Choices (April)
 - Peninsula RTPO (April)
 - Association of Washington Cities (June)
- WTP 2035 Website



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Proposed Vision Statement

Proposed WTP 2035 Vision

“By 2035, Washington’s transportation system safely connects people and communities, fostering commerce, operating seamlessly across boundaries, and providing travel options to achieve an environmentally and financially sustainable system.”

Key Elements of WTP 2035 Vision

- Safety
- Economic Vitality
- Jurisdictional/Modal Connectivity
- Equity of Mobility and Accessibility
- Environmental Sustainability
- Funding & Financial Sustainability



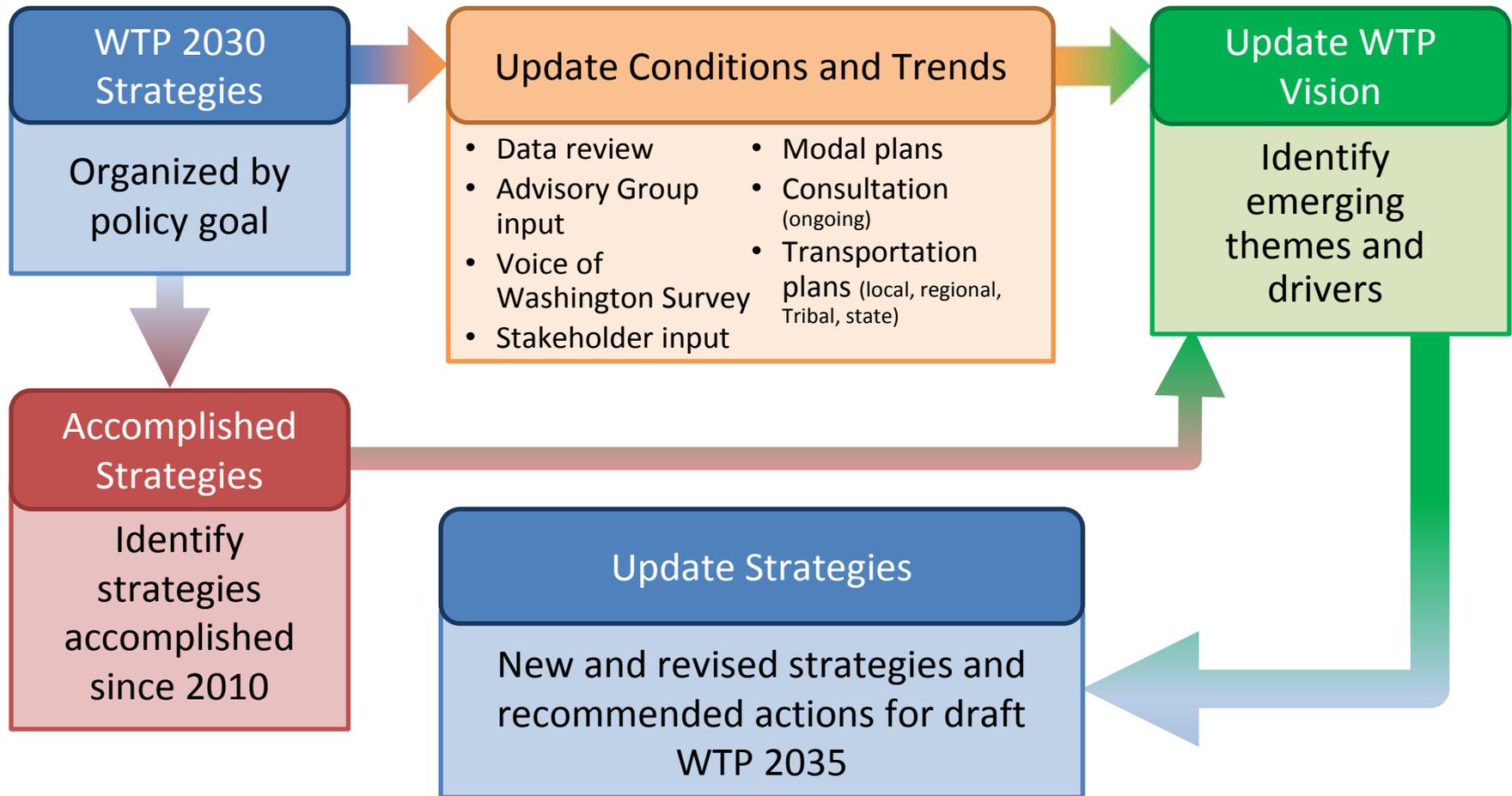
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Emerging Themes

Developing the WTP 2035 Themes



Snapshot of Current MPO and RTPO Priorities and Trends

Funding needed for large backlog of preservation needs

Demographic trends include:

- Increasing population
- Older population
- Younger drivers driving less

Use real-time traffic information and other new technologies to increase efficiency and safety

Complete missing links in pedestrian and bicycle systems

Enhance travel options in existing corridors to address needs of those outside of current service areas

Understand and incorporate changes associated with MAP-21

WTP 2035 Emerging Themes

- Economic development
- Funding and investment strategy
- Land use and transportation relationship
- Travel implications of demographic changes
- New technologies
- Environment and climate change
- Equity of mobility and accessibility

WTP 2035 Emerging Themes

TRANSPORTATION & ECONOMIC DEVELOPMENT

- WA is a trade-dependent state, and freight mobility and reliability are critical to economic vitality and competitiveness
- Transportation investment is a means of generating economic benefits
- Recognize growing role of Tribes in economic development and transportation implications
- System maintenance and preservation are critical to economic competitiveness and sustainability
- Congestion management should be goal, including technology-driven operations and TDM, transportation options

WTP 2035 Emerging Themes

FUNDING

- Need to make case that funding is needed – focus on transportation benefits to the state economy, etc.
- Recognizing and working with constraints as important as communicating the need for additional revenue
- Need to be accountable for allocation of funds: what has been accomplished, what benefits are expected?
- Local funding is as significant an issue as state-level
- Note that many revenue streams are already dedicated and spoken for

WTP 2035 Emerging Themes

LAND USE

- Still a major factor that should influence strategies
- Further integration of land use policy into state transportation planning process: WTP should support state GMA policy
- Implications of local land use plans and zoning for transportation needs and outcomes
- Recognize changing role of Washington Tribes in land use policy and implications for transportation
- Zoning for freight and industrial uses

WTP 2035 Emerging Themes

TRAVEL IMPLICATIONS OF DEMOGRAPHIC SHIFTS

- Washington's population is changing
 - More seniors and retirees, second careers, longer active life span
- Travel preferences are changing
 - Declining VMT per capita – is it permanent?
 - Car-sharing, reduced auto ownership
 - Transit usage up in urban areas; teleworking up
 - Rapid growth in non-motorized travel in many areas
- Infrastructure design needs to keep up with changes
 - Complete Streets, shared right of way, safety for diverse user groups

WTP 2035 Emerging Themes

NEW TECHNOLOGY

- Facilitate more rapid adoption of innovative technologies
 - Recognize and prepare for changing technology
 - Accommodate/manage Connected and Autonomous Vehicles
 - Supportive infrastructure (e.g. charging stations)
- Support R&D investment
- Target state/local rules that inhibit technology adoption
- Encourage innovative, cost-effective proposals to address transportation needs
 - More flexible funding, not based on past modal paradigms

WTP 2035 Emerging Themes

ENVIRONMENT AND CLIMATE CHANGE

- Environment/climate emerging as a strategic policy driver
- More energy- and carbon-efficient transportation sector
- Planning and cost implications of sea level rise, other impacts of climate change
- Support economic progress without undermining progress on air quality and other environmental goals

WTP 2035 Emerging Themes

EQUITY OF MOBILITY AND ACCESSIBILITY

- Title VI and other special needs groups
- Equity concerns about funding methods, incl. sales tax, user charges, & pay-as-you-go
- Travel options for rural areas, including transit and freight service
- Broadband access to support telework options, traveler information



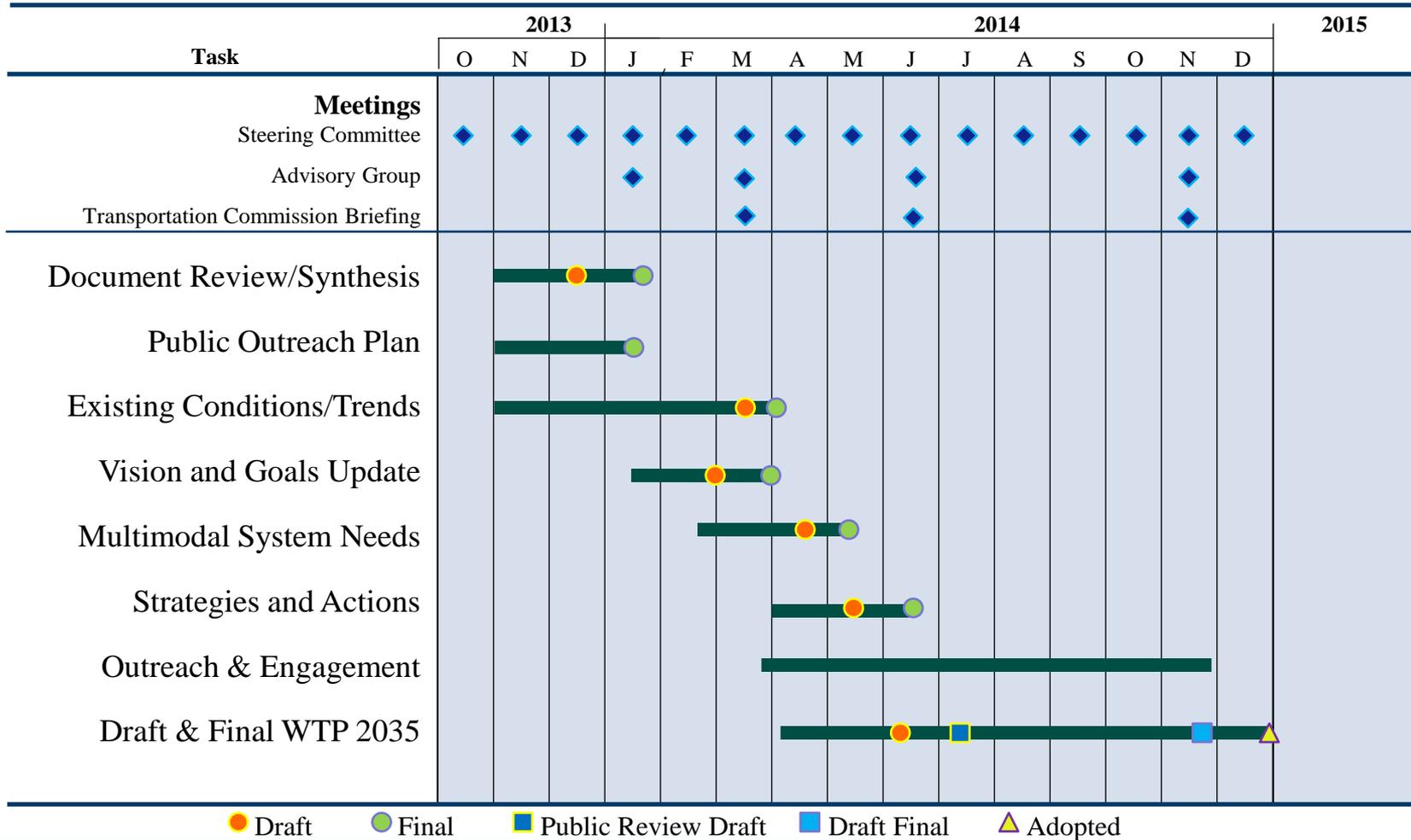
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Project Schedule and Upcoming Dates of Note

Project Schedule



Upcoming Dates

- April Stakeholder Roundtables
- June Administrative Draft WTP 2035
- June 18 Next WTP 2035 briefing to Commission
- June 19 Next Advisory Group meeting
- Early July Release Public Review Draft WTP 2035
- July - Aug Public Review Period
- November Draft Final WTP 2035
- November Commission Briefing
- December Final WTP 2035 for Adoption



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Additional Information

WTP 2030 Themes & Drivers

Foundational Themes

“The big ideas that matter most”

- **Need for Revenue** - Washington faces a structural funding problem, and additional revenue is essential
- **Integrated, Multimodal System** - Transportation system should function as integrated network, connecting across modes and jurisdictions
- **Preservation and Maintenance** is the state’s most critical need.

Strategic Drivers

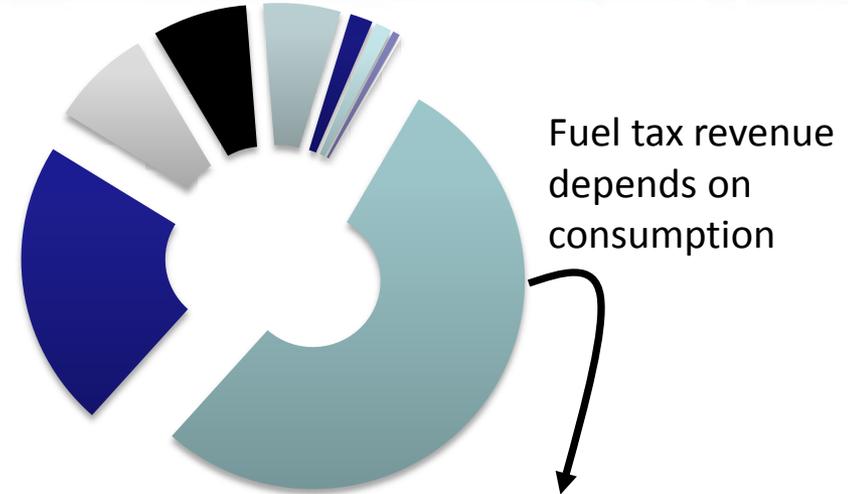
“Major factors driving strategies”

- Transportation Policy should **support and reinforce** other state policy objectives
- The relationship between **land use and transportation** is key
- One size does not fit all – there are **significant regional differences** across the state
- It is critical to **educate, inform and reach** out to the public
- Continue the evolution toward **performance-based** planning

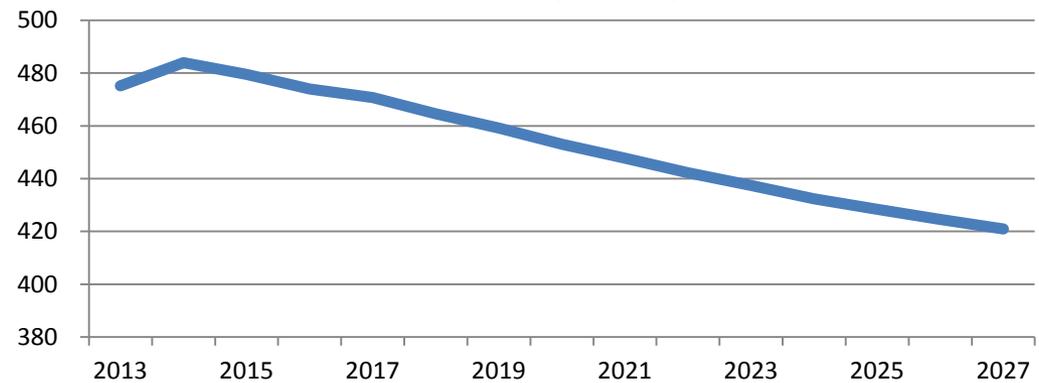
Structural Revenue Challenge Remains

10-Year State Revenue Sources

- Vehicle Fuel Tax Collections (53%)
- Licenses, Permits and Fees (22%)
- Ferry Revenue (8%)
- Toll Revenue (7%)
- Driver-Related Fees (6%)
- Vehicle Sales Tax (2%)
- Rental Car Tax (1%)
- Business/Other Revenues (1%)
- Aviation Revenues (0%)



Projected Motor Fuel Consumption, Gallons per Capita



Infrastructure Condition is a Growing Concern

2013 Report Card

C

Aviation

C-

Bridges

C-

Rail

D+

Roads

D+

Transit

ASCE rates WA a “C” and the U.S. a “D+”

- WA scored lower than US average in Bridges and Rail
- WA’s lowest grades came in Roads and Transit
- 67% of major roads in poor or mediocre quality
- 366 structurally deficient bridges

Over \$50B in Unfunded Needs

- \$50.3 billion needed to improve WA's transportation system over next 10 years
- \$10.2 billion needed to maintain system:

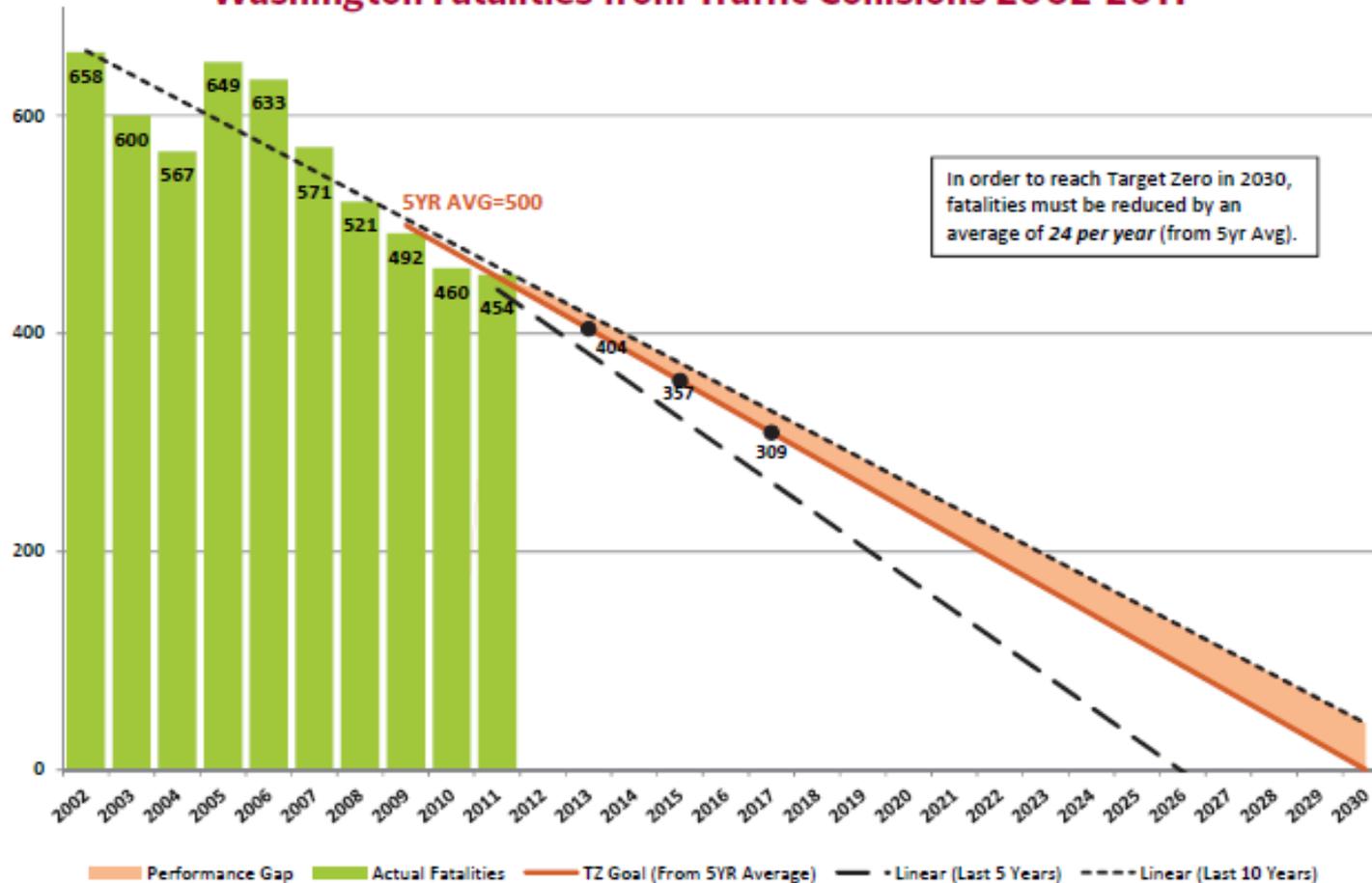
10-Year Maintenance and Operations Needs (Billions)



- Public Transit
- City Streets, Bridges
- County Roadways, Bridges
- State-owned Highways, Bridges, Rail, Ferries

Progress Towards Target Zero

Washington Fatalities from Traffic Collisions 2002-2011



Most Common Fatality Factors:

- Impaired Driving
- Speeding
- Off-the-road

Increased fatality areas:

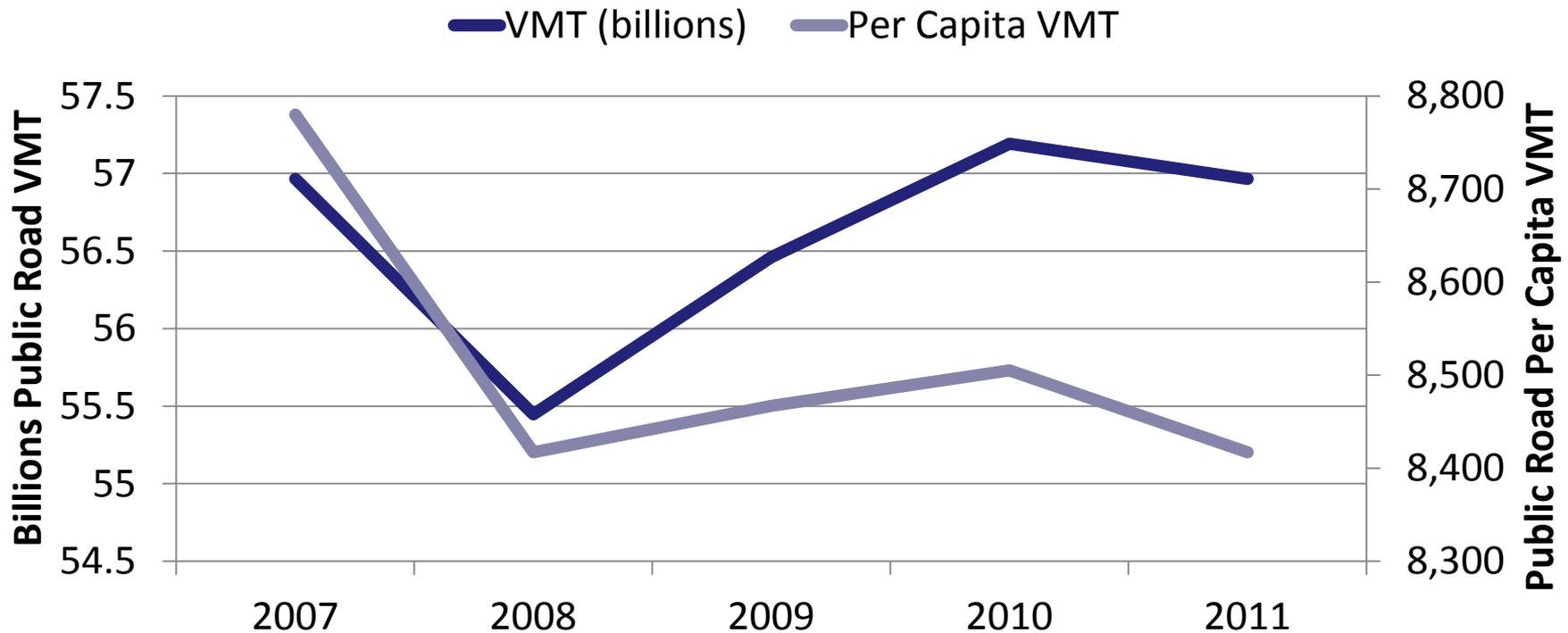
- Pedestrians
- Motorcyclists

Reduced fatality areas:

- Young drivers (ages 16-24)
- Head-on collisions

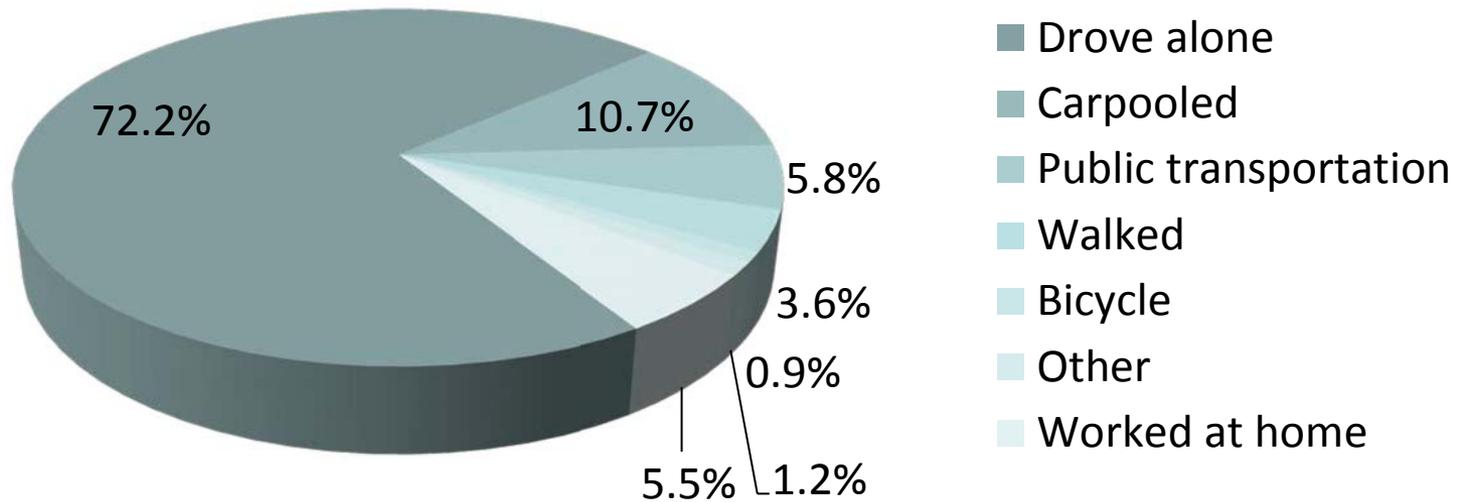
Vehicle Miles of Travel per Capita is declining

While overall Vehicle Miles Travelled underwent minimal net change from 2007 to 2011, per capita VMT decreased.



Statewide Commute Mode Choice is Stable

2012 Statewide Commute Mode Choice

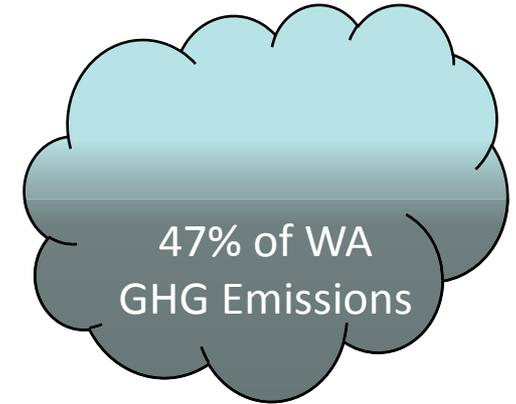
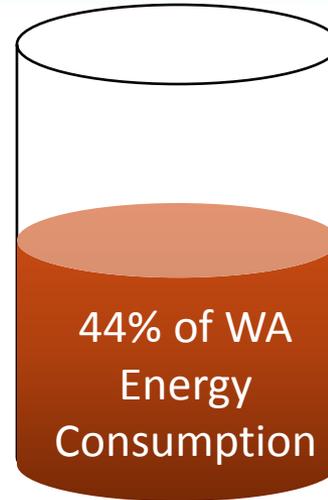


Changes:

- 18% King County workers (where 1/3 WA's workers live), walk, bicycle, or ride public transit, an increase since WTP 2030.
- Significant increase in overall light rail passenger trips
- State employee teleworking policy

Large share of energy use and emissions

Transportation is WA's largest and least efficient energy consumer, and greatest source of greenhouse gas emissions



Short-term policy options:

- Systems management
- Smart growth planning
- EV support/pricing
- Trip reduction program

Long-term policy options:

- Low carbon fuel standards
- Carbon/cordon/mileage pricing
- Energy efficient mode choices
- “Fee-bates”