



Seattle
Office of Sustainability
& Environment

2014 Greenhouse Gas Emissions Inventory

Seattle Office of Sustainability & Environment

September 12, 2016



Why do we periodically inventory emissions?

- Are we on track to meet targets?
- What is changing/what is working?

How is the inventory organized?

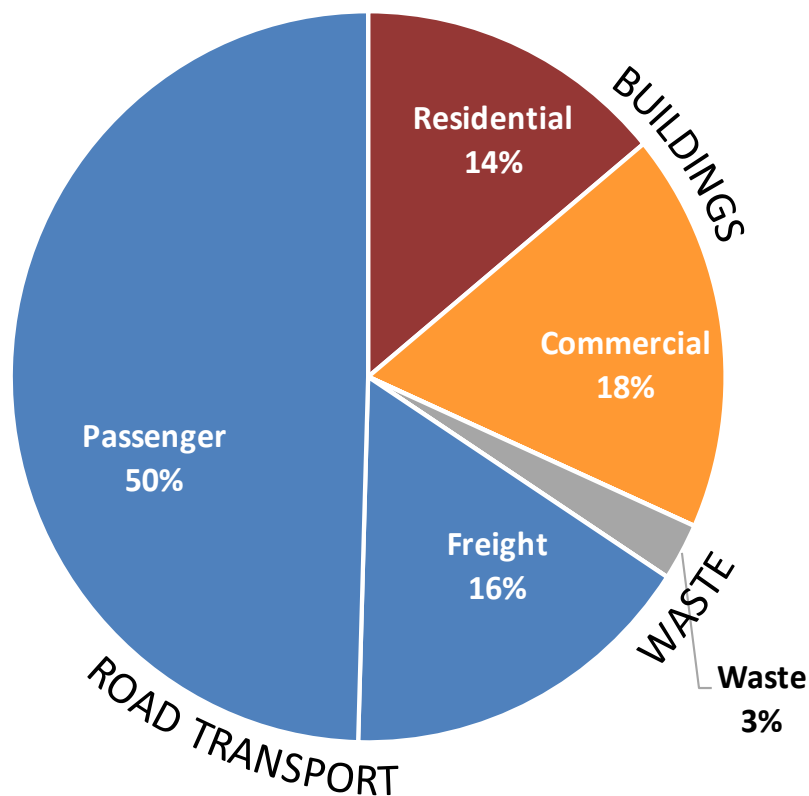
- Core Emissions Sources
 - Road Transportation
 - Building Energy
 - Waste
- Expanded View
 - Marine & Rail
 - Air
 - Industry



Core Greenhouse Gas Emissions



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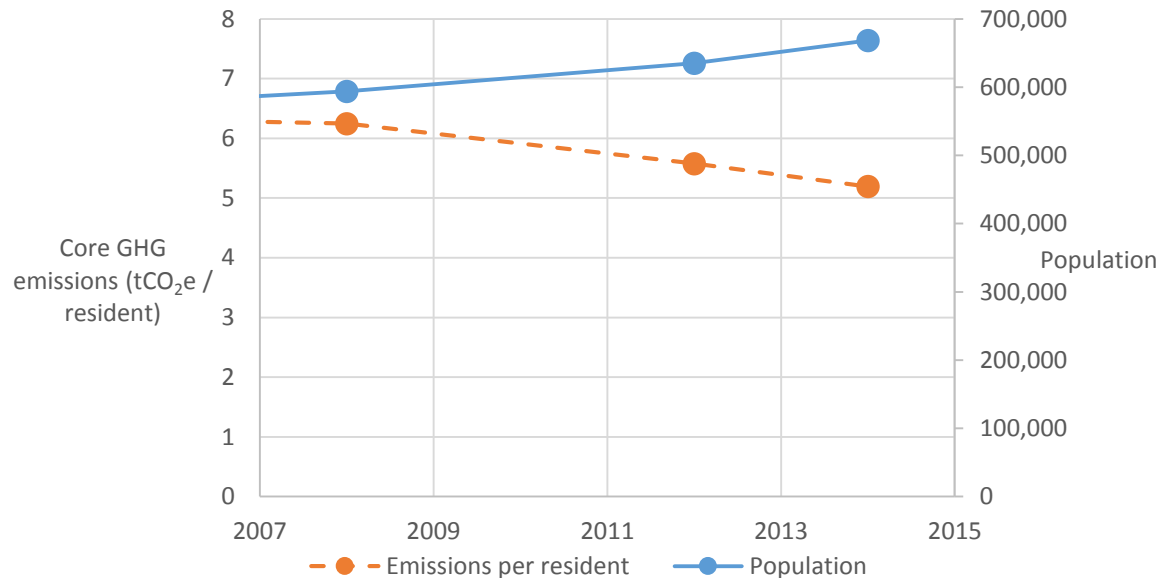


Key Findings



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- Core emissions declined 6%, while population grew 13%
- Per resident emissions declined 17%

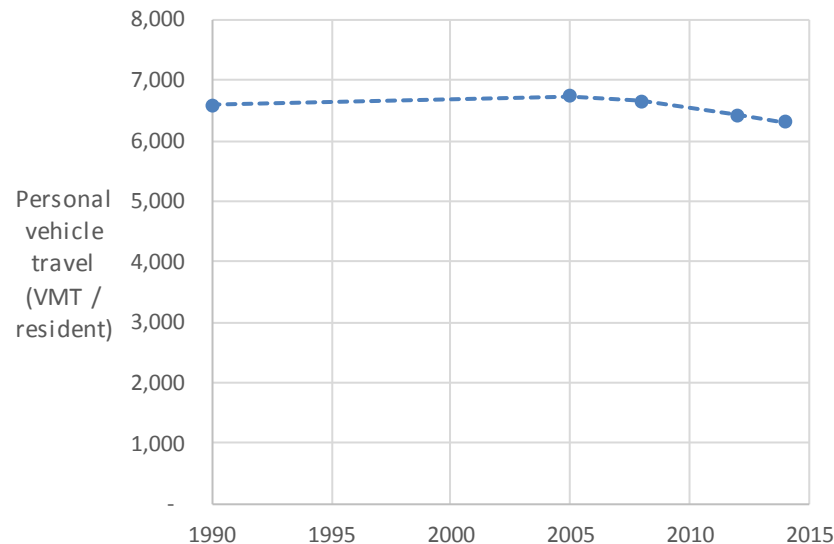


Key Findings - Road Transport



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- Total road transportation emissions declined 2% and per resident emissions declined 12%,
 - more fuel-efficient vehicles
 - fewer miles travelled per resident.

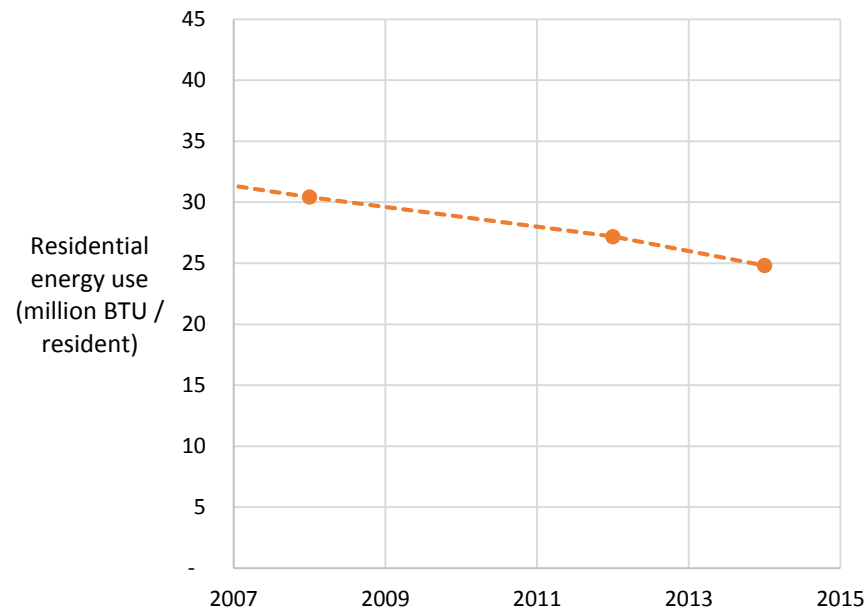


Key Findings – Building Energy Use



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- Total Building energy emissions declined 13% and per resident emissions declined 23%
 - Warmer weather that reduced heating need
 - Energy efficiency
 - More multi-family living



Key Findings - Waste



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- Total waste emissions declined 15%, and per resident emissions declined 23%
 - Reduced waste disposed



How Are We Doing?



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	Emissions Reduction 2030 Target from 2008 Baseline	Average Annual % Reduction Needed 2008-2030	Actual Average Annual % Reduction 2008-2014
Passenger Vehicles	82%	7.5%	0.7%
Building Energy	39%	2.3%	2.1%

Accelerating Reductions



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- Drive Clean Seattle
- Move Seattle
- Building Energy Data Transparency
- Building Energy Tune-Ups
- 2015 Energy Code

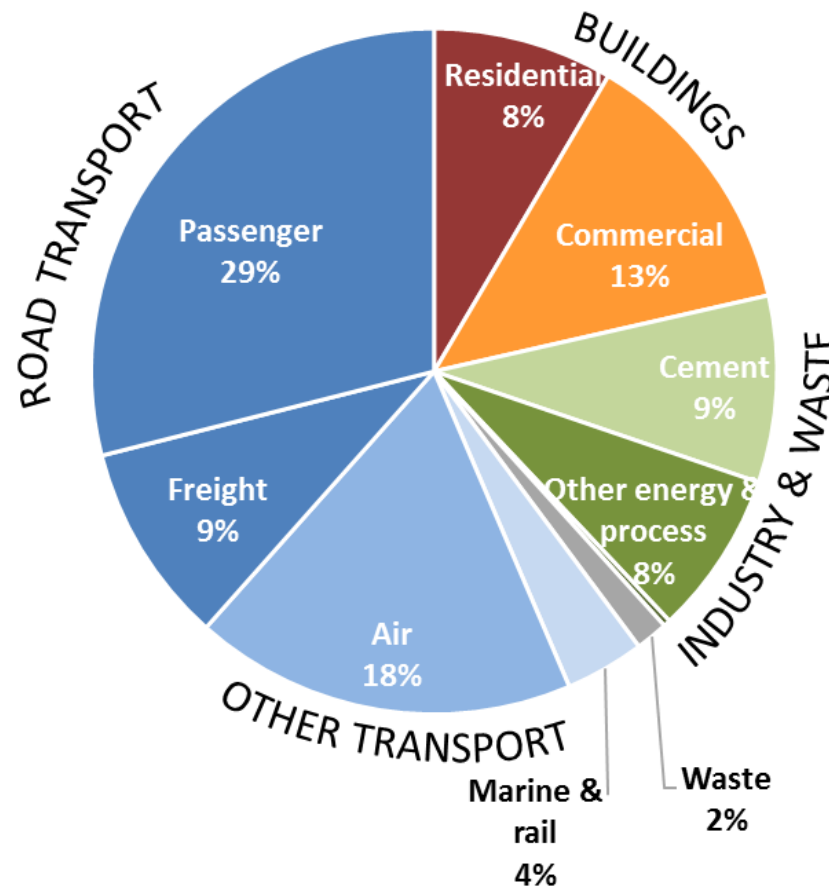


Expanded Emissions Sources



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Expanded emissions decreased
8% 2008 to 2014





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ACTION

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