

**CLIMATE
SMART
COMMUNITIES
SCENARIOS PROJECT**



www.oregonmetro.gov/climatescenarios

Climate Smart Communities Scenarios Project

First Look at Results

Kim Ellis, project manager

November 13, 2013



Metro | *Making a great place*

Region's response to state target

- Working together with city, county, state, business and community leaders
- Researching how land use and transportation strategies can advance public and private investments that
 - support local visions and plans
 - create jobs and healthy communities
 - meet state targets for reducing carbon emissions



Where we've been & where we are headed

PHASES 1 & 2

Understand Choices
2011-2012

Shape Choices
Jan.-Oct. 2013

PHASE 3

Shape Preferred
Nov. 2013-May 2014

Adopt Preferred
Sept.-Dec. 2014



WE ARE HERE

First Look at Results

TODAY

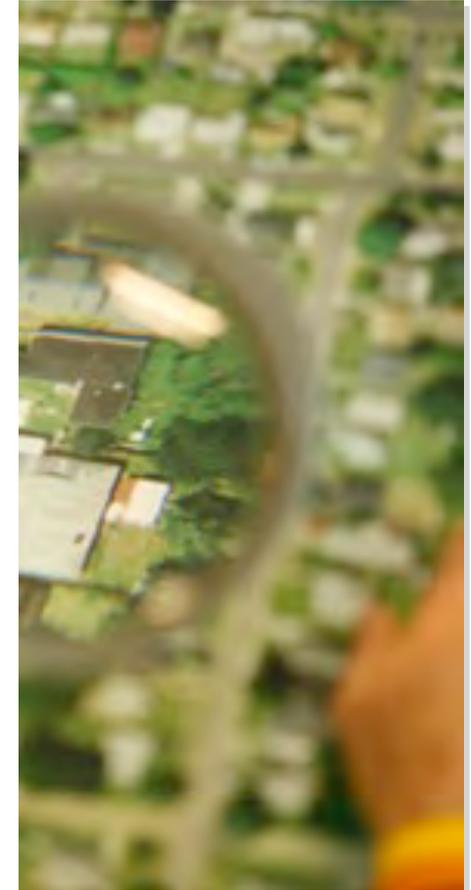
- Launch Phase 3
- Report emissions, travel, air quality, housing and job outcomes

DECEMBER

- Review costs relative to health, social equity and fiscal outcomes
- Identify policy areas for further discussion and input in 2014

JANUARY

- Recommend policy areas for further discussion and input in 2014



What the future might look like in 2035

Scenario

A

RECENT TRENDS

This scenario shows the results of implementing adopted plans to the extent possible with existing revenue.

Scenario

B

ADOPTED PLANS

This scenario shows the results of successfully implementing adopted land use and transportation plans and achieving the current RTP, which relies on increased revenue.

Scenario

C

NEW PLANS & POLICIES

This scenario shows the results of pursuing new policies, more investment and new revenue sources to more fully achieve adopted and emerging plans.

Scenarios approved for testing by Metro advisory committees and the Metro Council in May and June 2013

Outcomes to help inform community choices discussion in 2014



GHG emissions



Economy



Access & mobility



Public health



Air quality



Cost



Jobs and housing

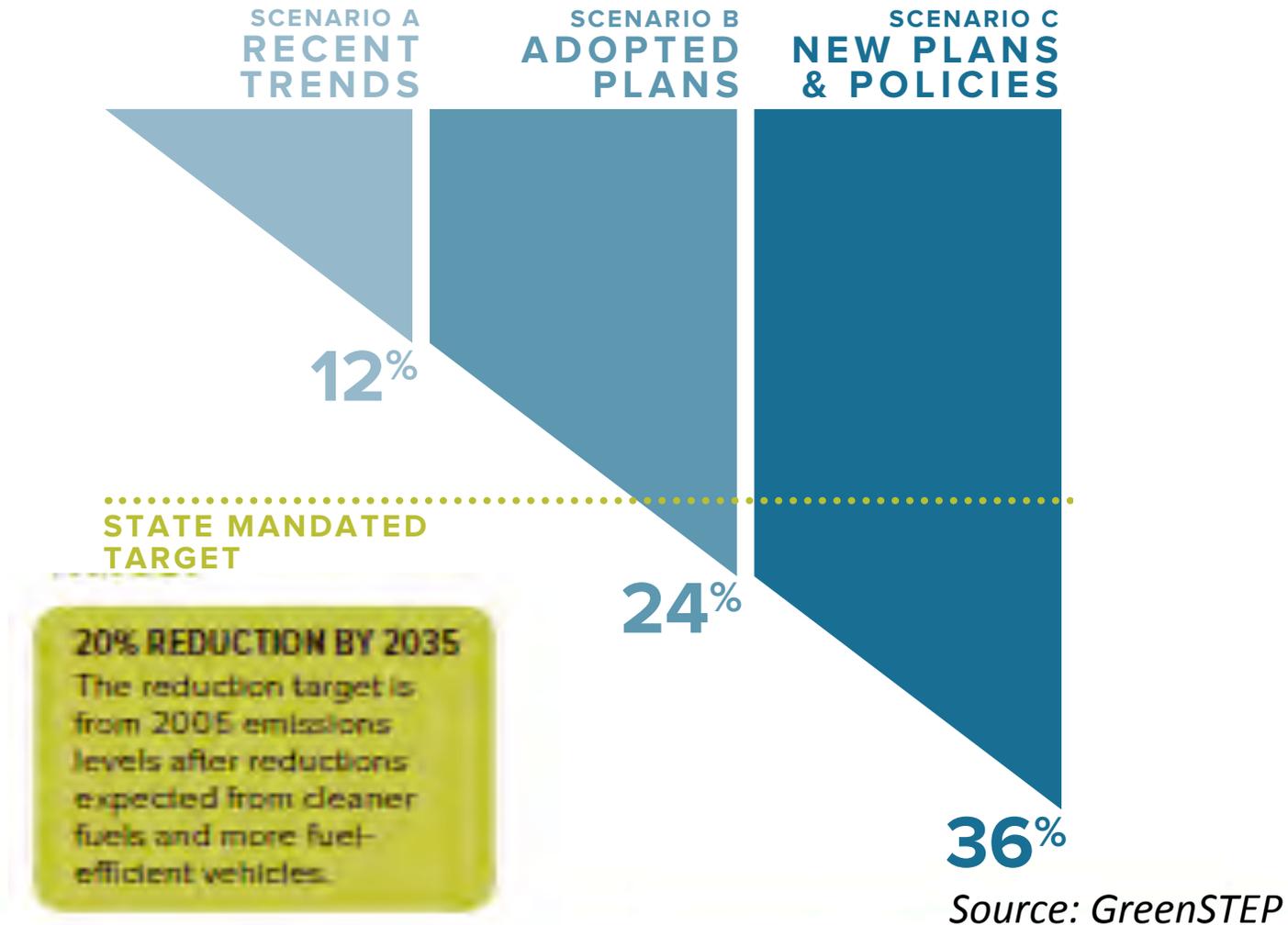


Social equity

Evaluation criteria approved by Metro advisory committees and the Metro Council in May and June 2013

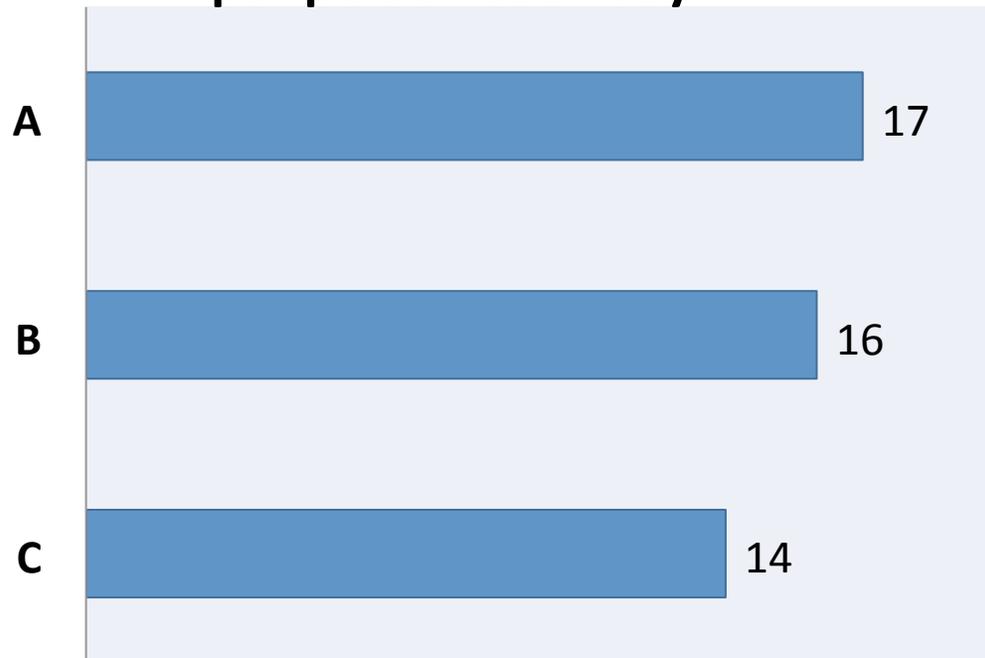
WHAT WE LEARNED

Adopted plans can meet the target



Individuals continue to drive less

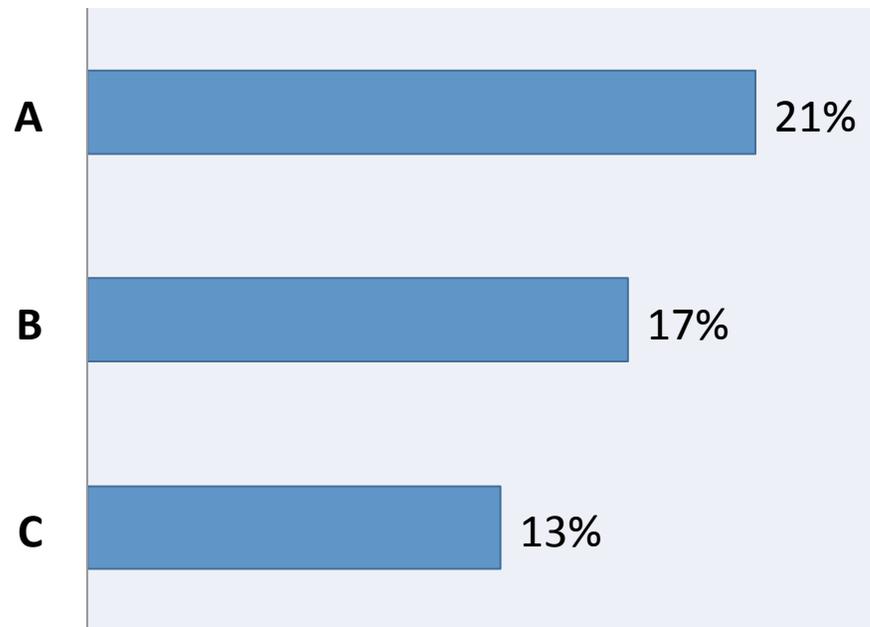
Vehicle miles traveled
per person each day



Source: GreenSTEP

Investment helps address congestion

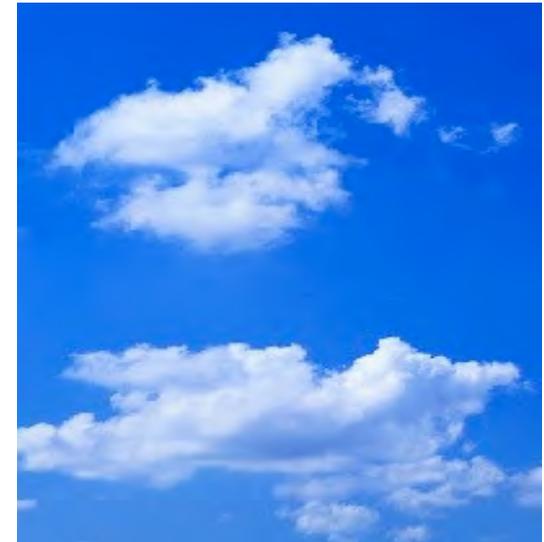
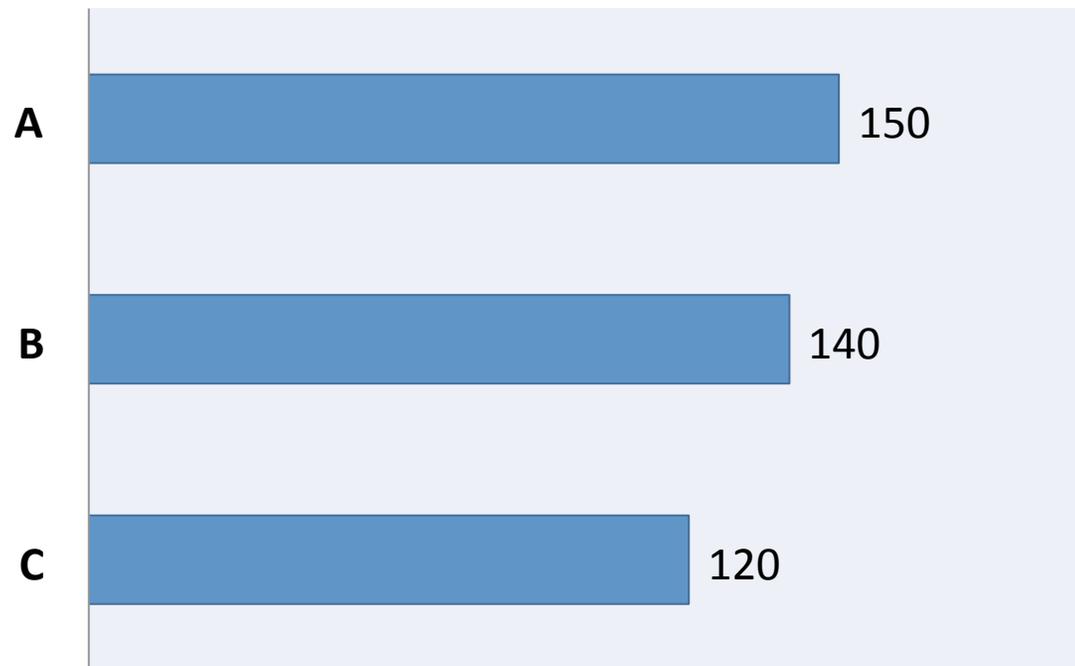
Share of light vehicle travel time spent in traffic



Source: GreenSTEP

Investment helps maintain air quality

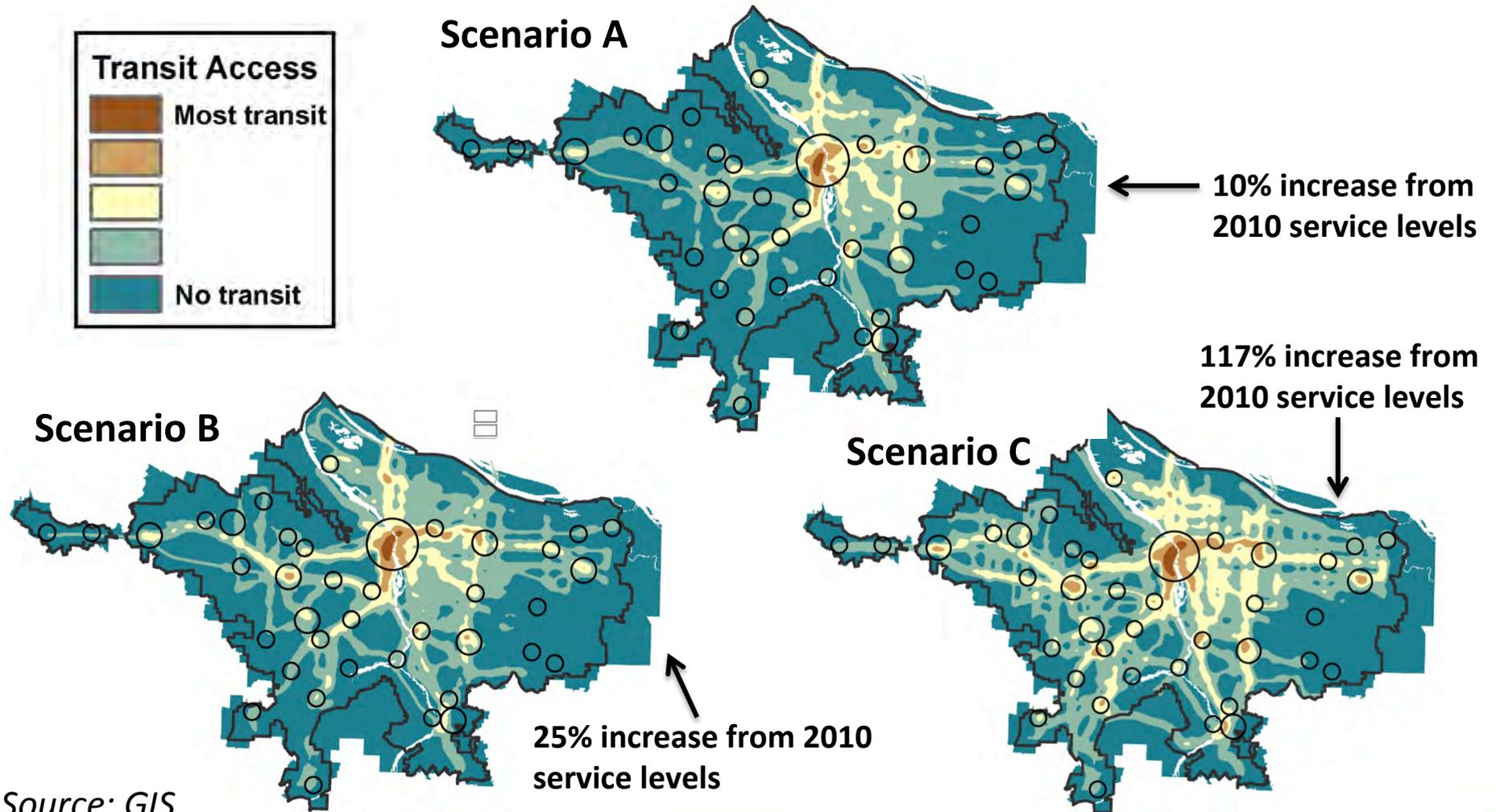
Criteria air pollutants
(metric tons per day)



Analysis includes PM_{2.5}, hydrocarbons and nitrous oxides.

Source: GreenSTEP

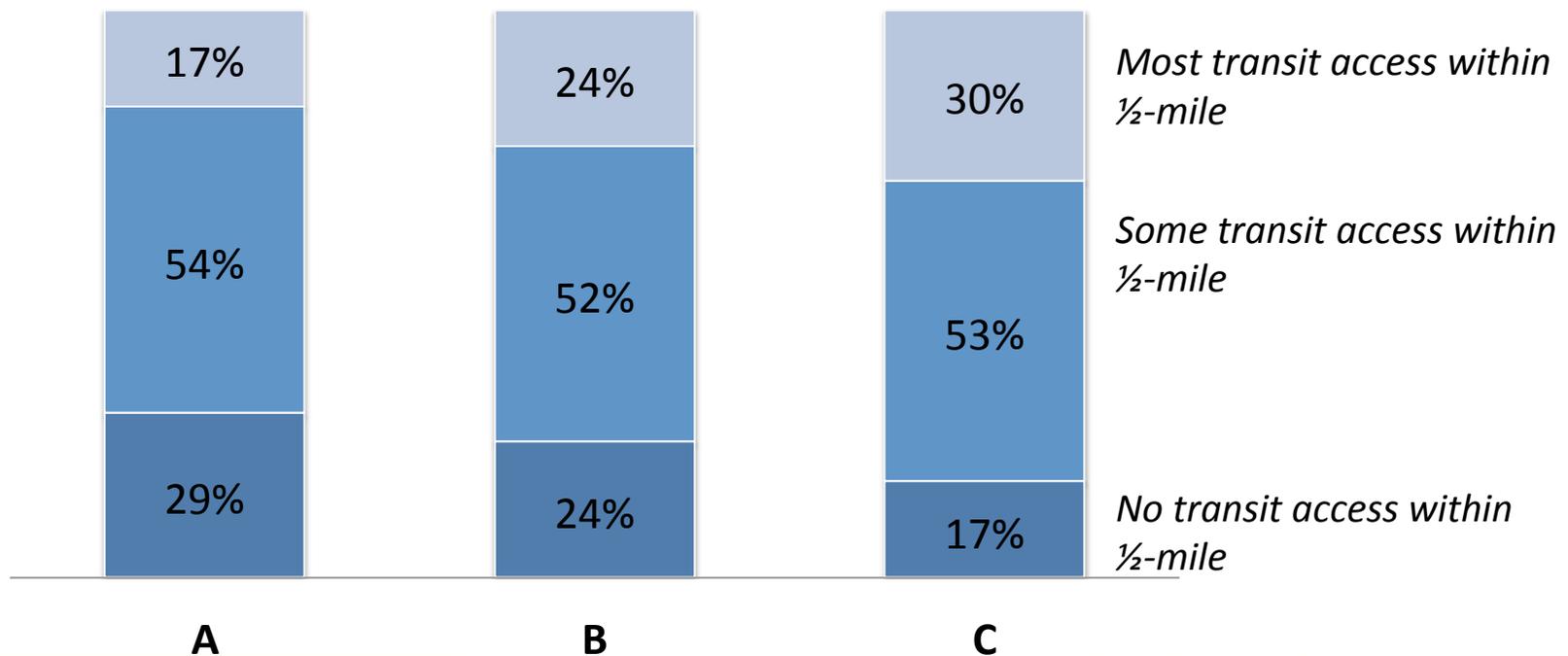
Investment improves transit access



Peak service (fixed-route)

Most new housing locates near transit...

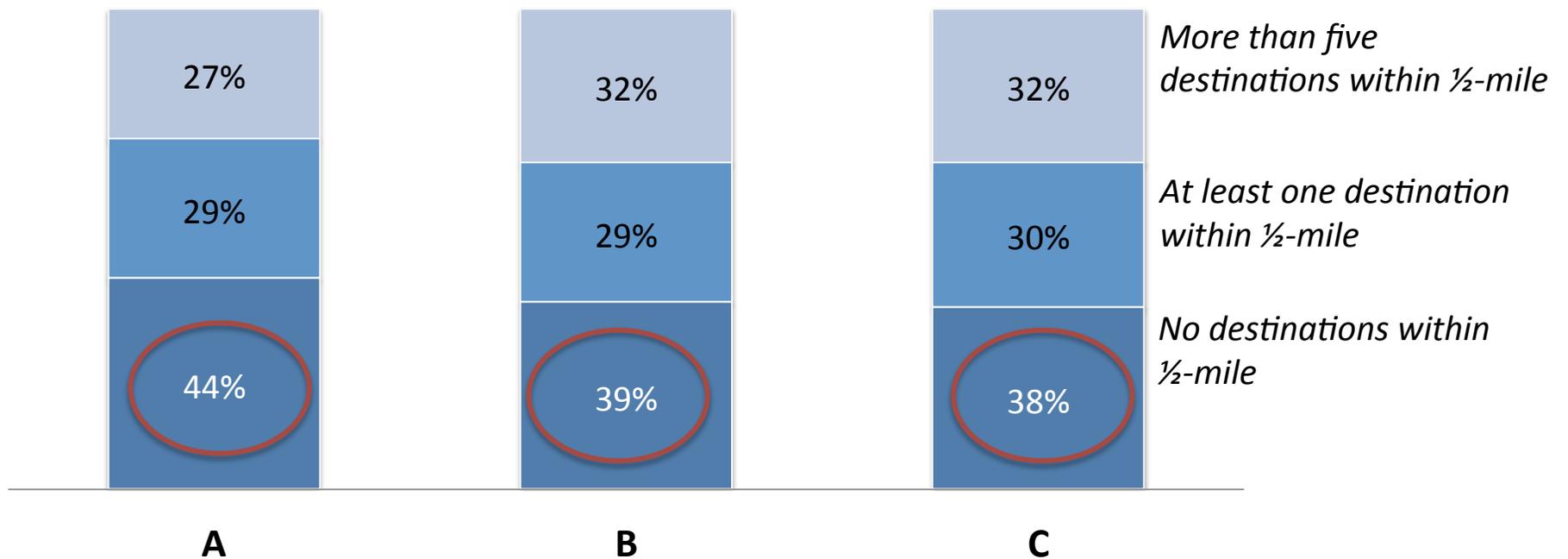
Share of new households near transit service in 2035



Source: MetroScope and GIS

...and schools, services and shopping

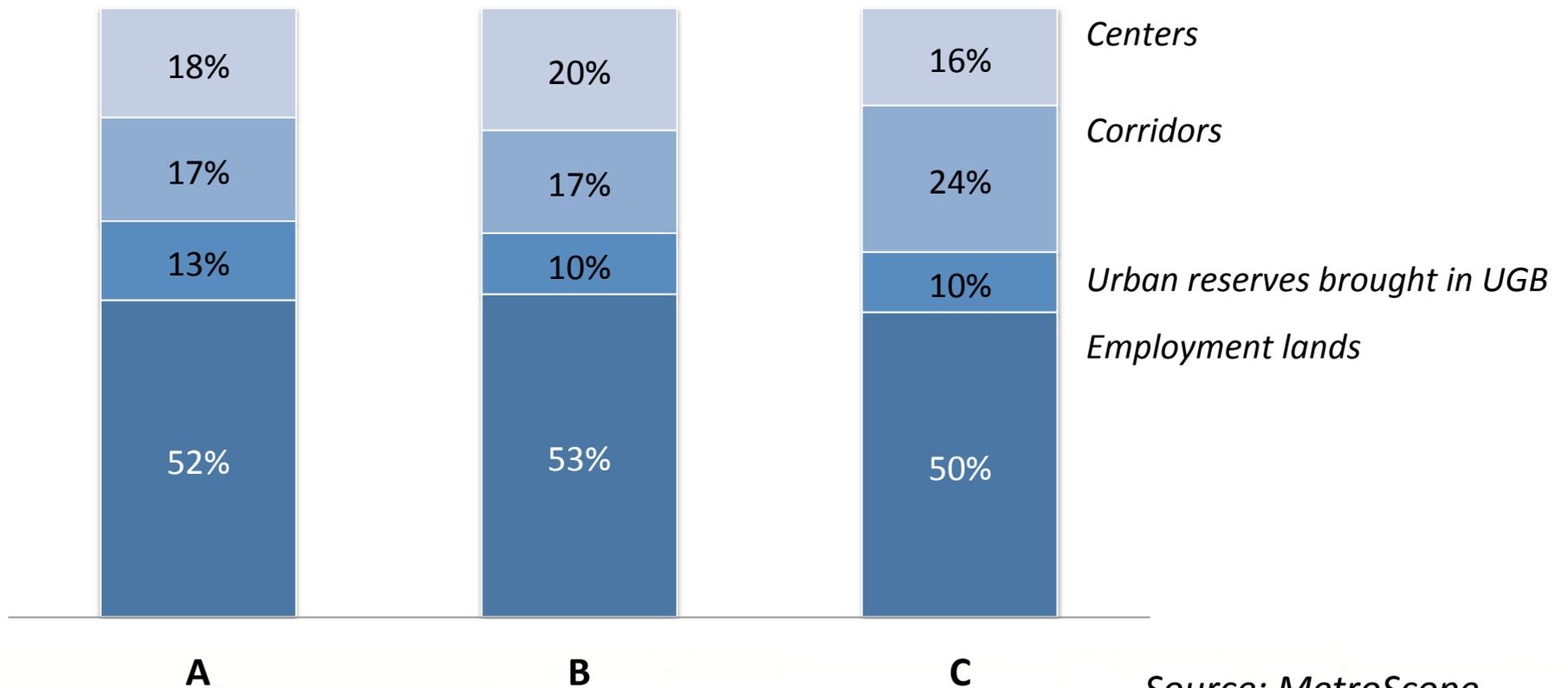
Share of new households near schools, services and shopping in 2035



Source: MetroScope and GIS

Jobs respond to access and mobility

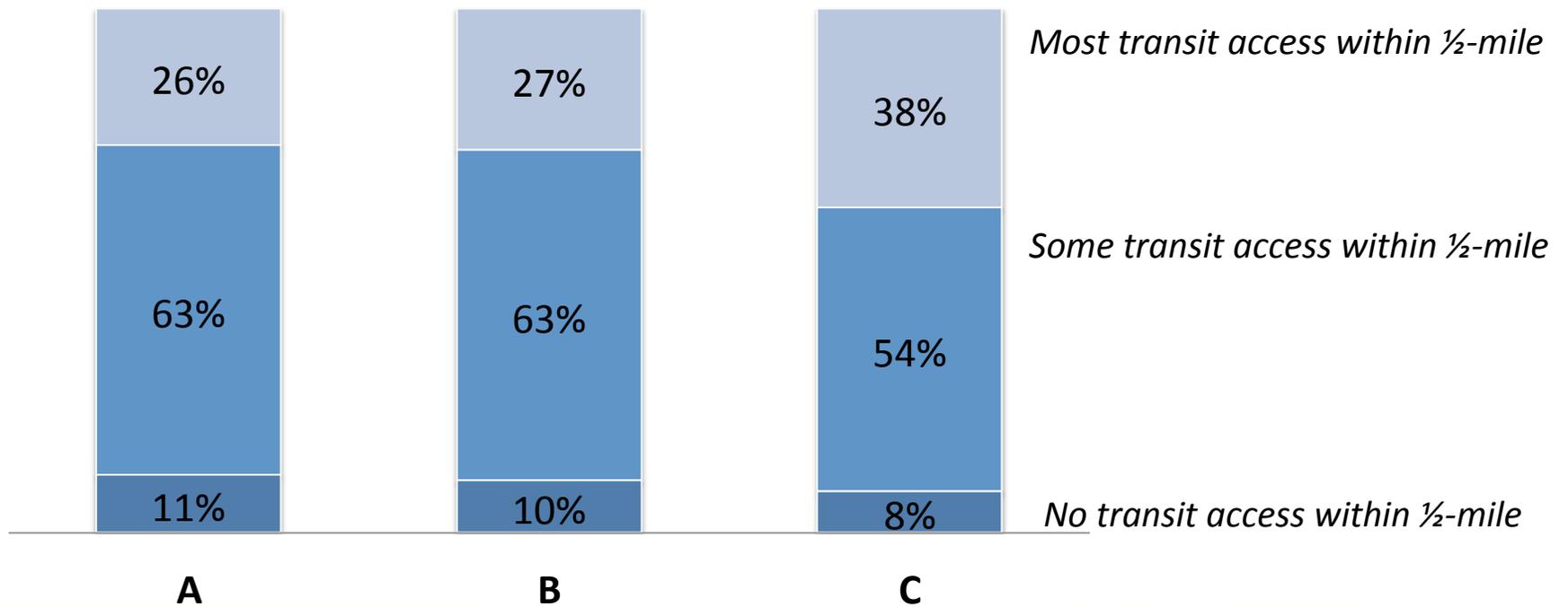
Share of new jobs in Metro urban growth boundary in 2035



Source: MetroScope

Most new jobs locate near transit

Share of new jobs near transit service in 2035



Source: MetroScope and GIS

EARLY TAKEAWAYS

1

Past planning and investments to implement the 2040 Growth Concept vision make the target attainable

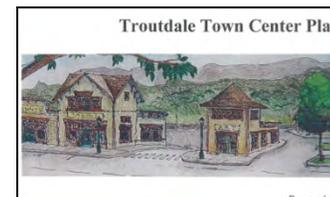
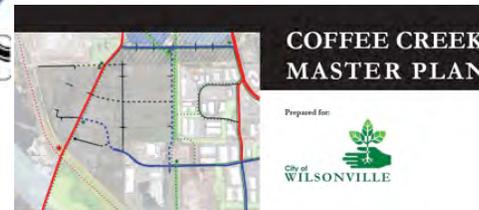
2040 Growth Concept adopted in 1995

2

More work is needed to realize local and regional visions



Beaverton Civic Plan
growing together



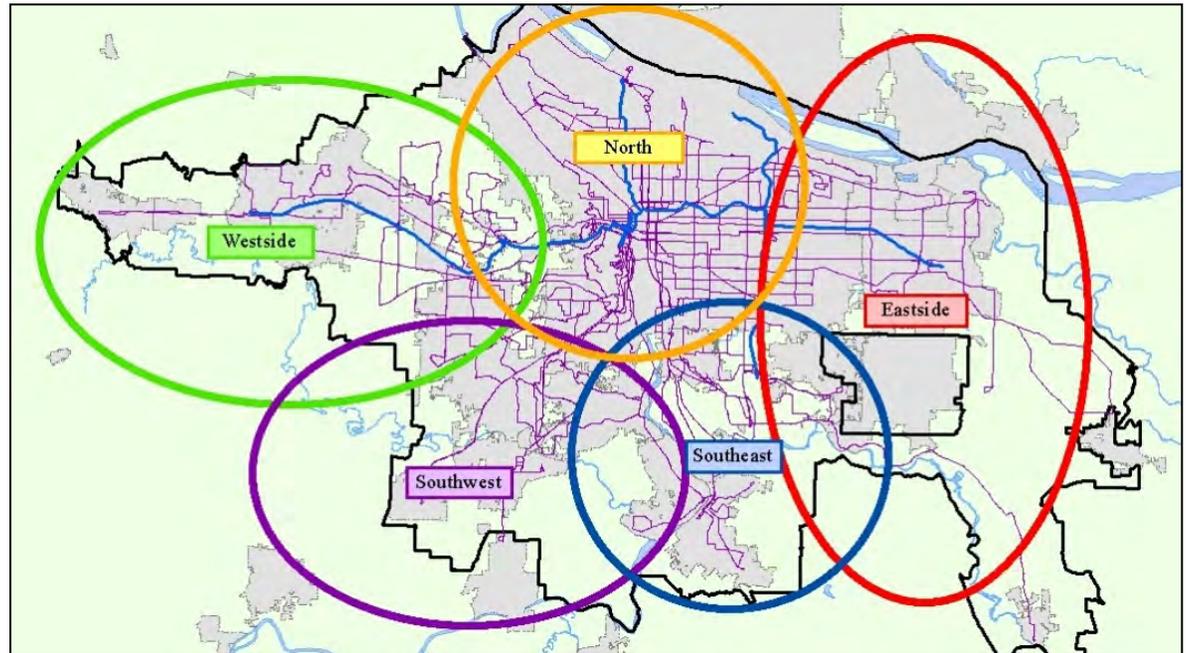
3

Investing in communities is essential to success



4

Growing transit across the region is essential to success



Transit growth will be guided by locally-developed TriMet Service Enhancement Plans, the TriMet Board's Strategic Financial Plan and South Metro Area Regional Transit (SMART) plans

5

Investments and actions that reduce GHG emissions provide community benefits



Photo credit: Urban Advantage and SACOG

6

**Each community is unique:
*one size does not fit all***



Moving forward to 2014

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Challenges

- Fiscal
- Civic
- Regulatory

2014: Shaping a preferred approach

JAN. TO MAY 2014

Discuss choices and tradeoffs to shape a draft preferred approach

MAY 2014

Council direction to staff on the draft preferred approach

JUNE TO AUGUST 2014

First look at the preferred approach; staff completes final evaluation and prepares adoption package

SEPT. TO DEC. 2014

Public comment period and Council considers final adoption of preferred approach

For more information



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DISCUSSION

