



MISSOURI BICYCLE FEDERATION, INC.

A VISION OF ACTIVE TRANSPORTATION IN MISSOURI



ELEMENTS

- **Clear statement**
- **Results tracker**
- **Annual assessment**
- **MoBikeFed.org/vision**

PRIMARY 10-YEAR OUTCOMES

- **National best practices**
- **Reasonable goals**
- **Measurable**

PRIMARY 10-YEAR OUTCOMES

- **We need your help!**

*In the next 10 years we will
build a movement of healthy
neighborhoods, cities, and
streets filled with healthy
bicyclists and pedestrians
throughout Missouri*



PRIMARY 10-YEAR OUTCOMES

- **Double**
- **Half**
- **50%**

PRIMARY 10-YEAR OUTCOMES

MO:

- 2 million bicyclists
- 5.8 million pedestrians

Near national average

PRIMARY 10-YEAR OUTCOMES

% of trips by
walking/bicycling

US: 9.5%

PRIMARY 10-YEAR OUTCOMES

% of trips by
walking/bicycling

US: 9.5%

MO: 5%

PRIMARY 10-YEAR OUTCOMES

% of trips by
walking/bicycling

US: 9.5%

MO: 5%

Columbia: 10%

PRIMARY 10-YEAR OUTCOMES

% of Trips to Work by Bicycle

US: 0.5%

Source: US Census, American Community Survey, 2007

PRIMARY 10-YEAR OUTCOMES

% of Trips to Work by Bicycle

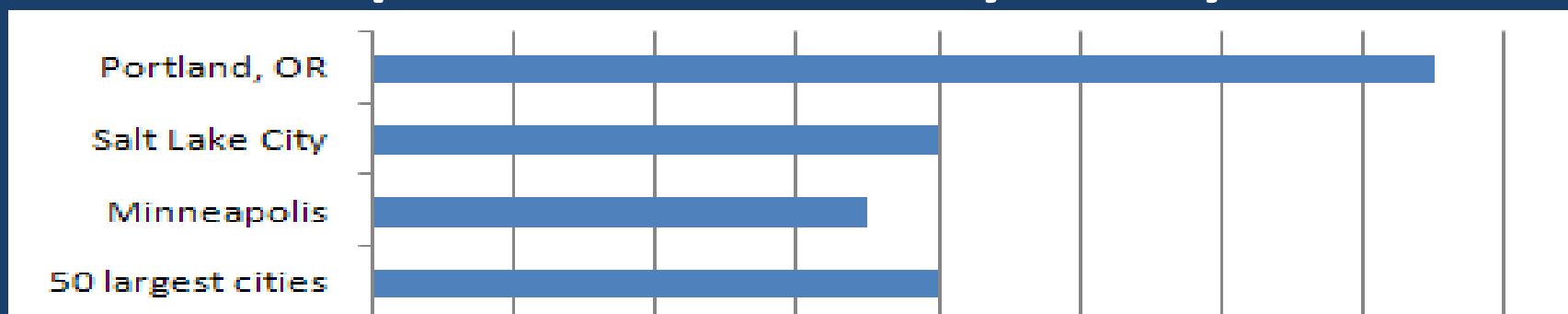
US: 0.5%

MO: 0.2%

Source: US Census, American Community Survey, 2007

PRIMARY 10-YEAR OUTCOMES

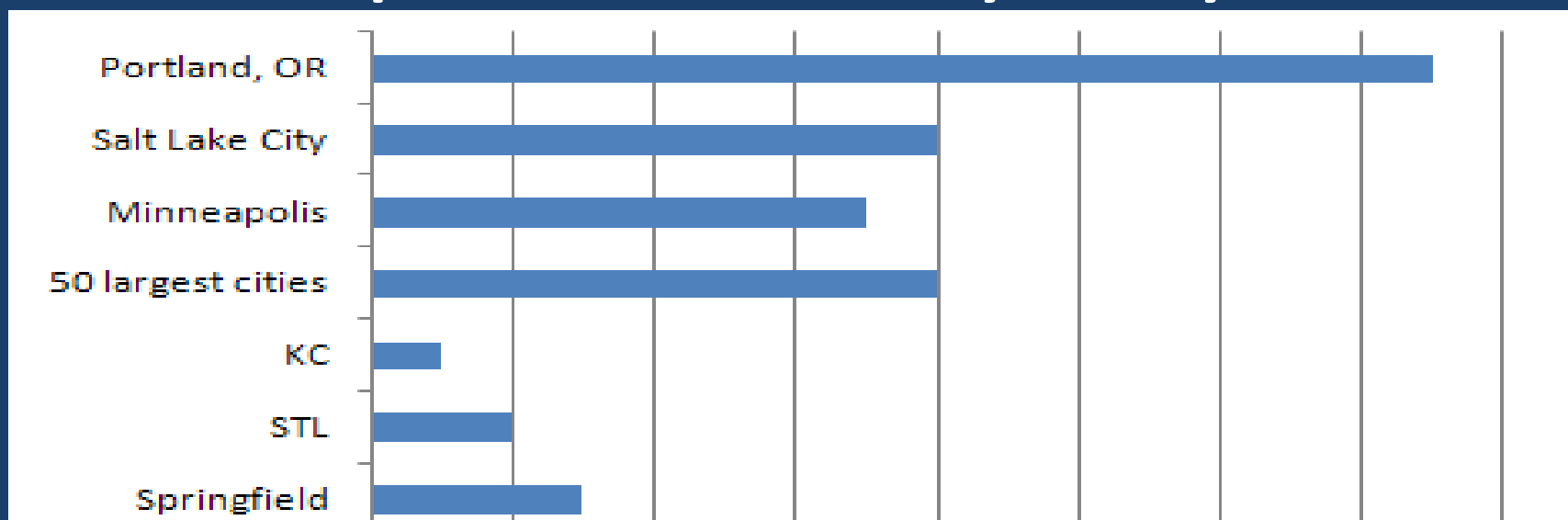
% of Trips to Work by Bicycle



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PRIMARY 10-YEAR OUTCOMES

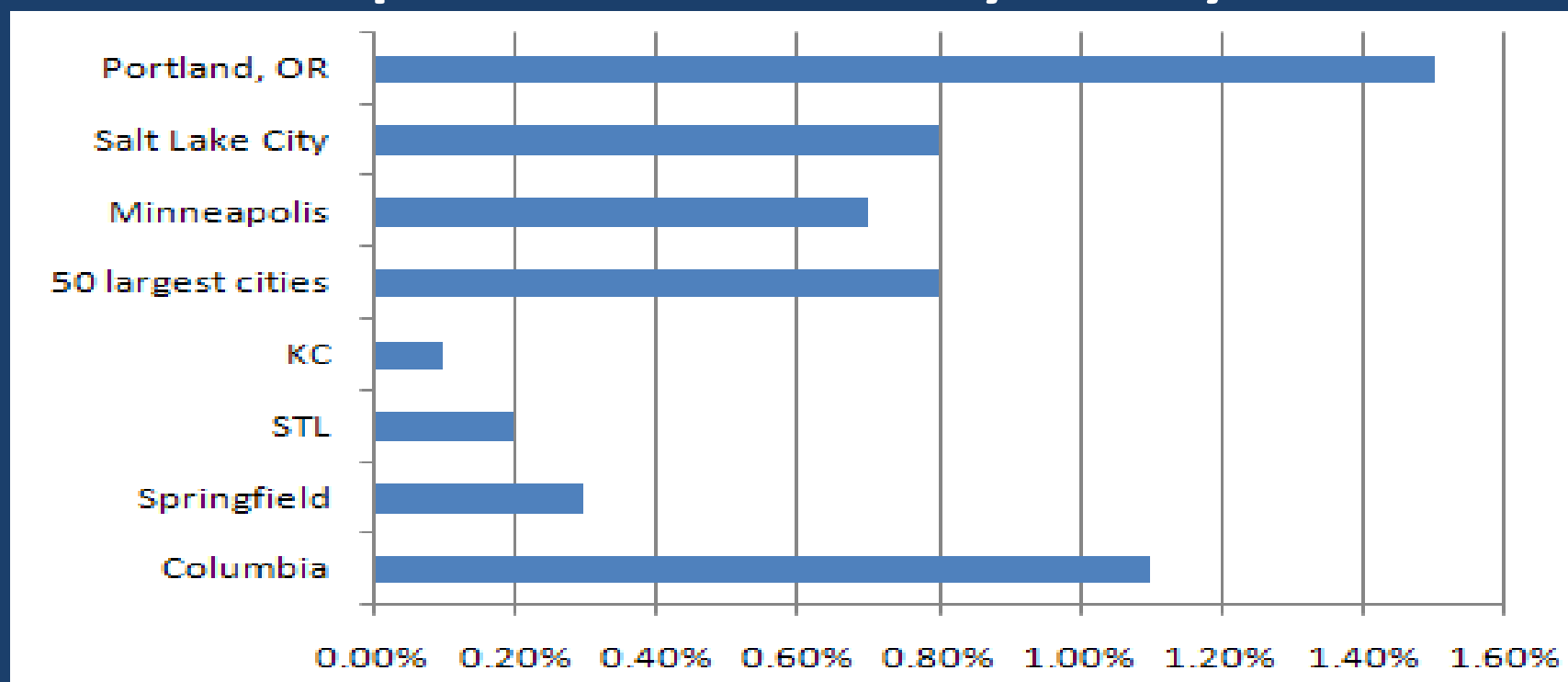
% of Trips to Work by Bicycle



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PRIMARY 10-YEAR OUTCOMES

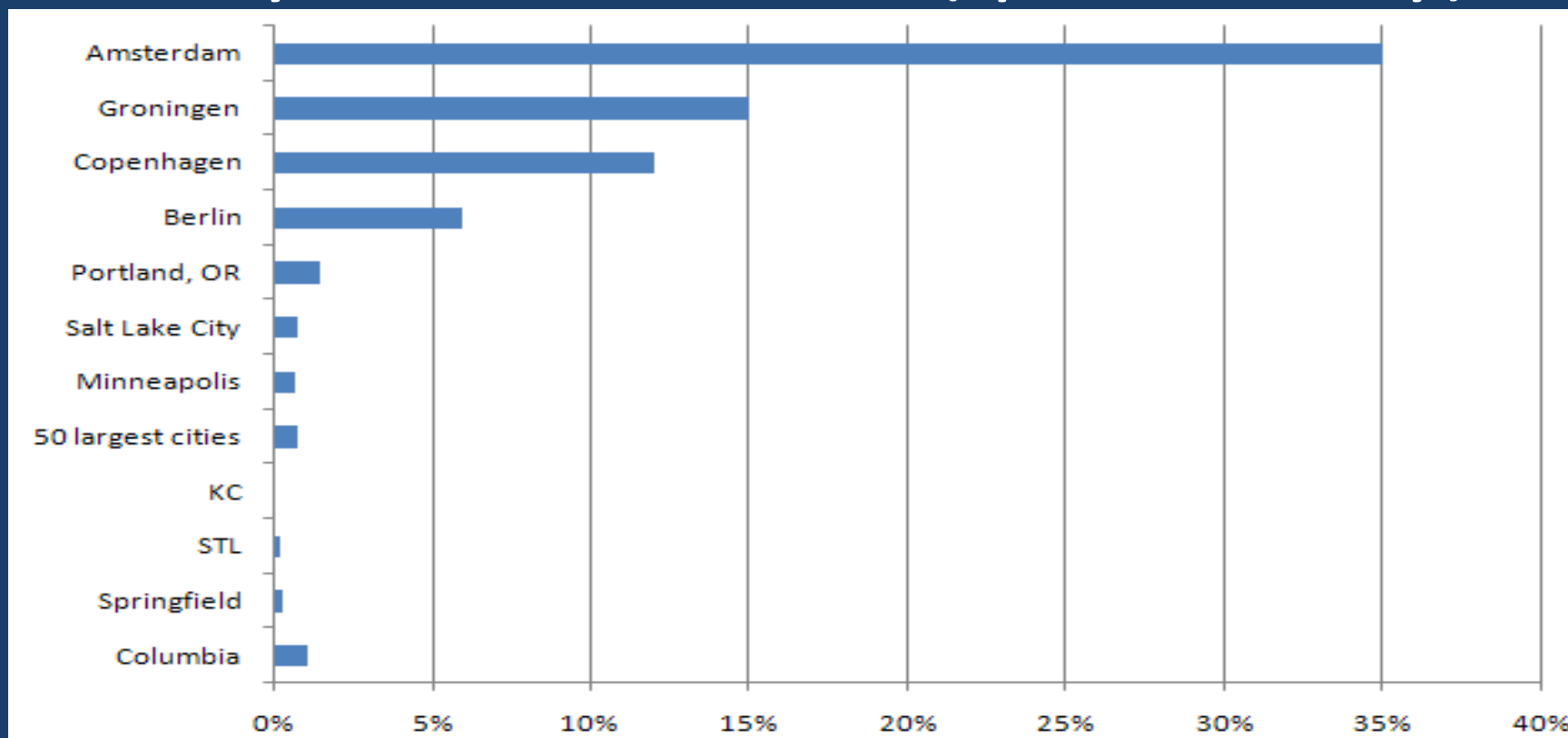
% of Trips to Work by Bicycle



Source: US Census, American Community Survey, 2007

PRIMARY 10-YEAR OUTCOMES

Bicycle Mode Share (quick'n'dirty)



Source for European city stats: Pucher & Dijkstra, "Making Walking and Cycling Safer: Lessons from Europe," *Transportation Quarterly*, Vol. 54, No. 3, Summer 2000

PRIMARY 10-YEAR OUTCOMES

MO Bike/Ped (% of total, 2006):

- Trips 5%
- Fatalities 7.4%
- Injuries 14.5%

PRIMARY 10-YEAR OUTCOMES

Grade?

CATEGORIES

- **Building a movement**
 - **Encouraging activity**
 - **Improving safety**
 - **Building a world class network**
-
- **Education, encouragement, enforcement, engineering, evaluation, equality**

BUILDING A MOVEMENT

- Elected officials engaged
- Legislative advocacy
 - Bicycle Day @ Capitol (Feb 24th)
 - National Bike Summit (March)
- Bike/Ped Committees
 - Local, metro, state
- Advocacy organizations
 - Local, metro, state



BUILDING A MOVEMENT

- **Clubs & Organizations**
- **Businesses**
- **Economic Impact (MO)**
 - \$950 million retail sales
 - \$1.2 billion total activity
 - 14,365 jobs
 - \$79 million in state tax revenue
- **Goal: Double that**



BUILDING A MOVEMENT

- **MoBikeFed Membership**
 - More individuals/groups
 - *Entire* state
- **Groups support Vision**
 - Goal: 100



BUILDING A MOVEMENT

Grade: B

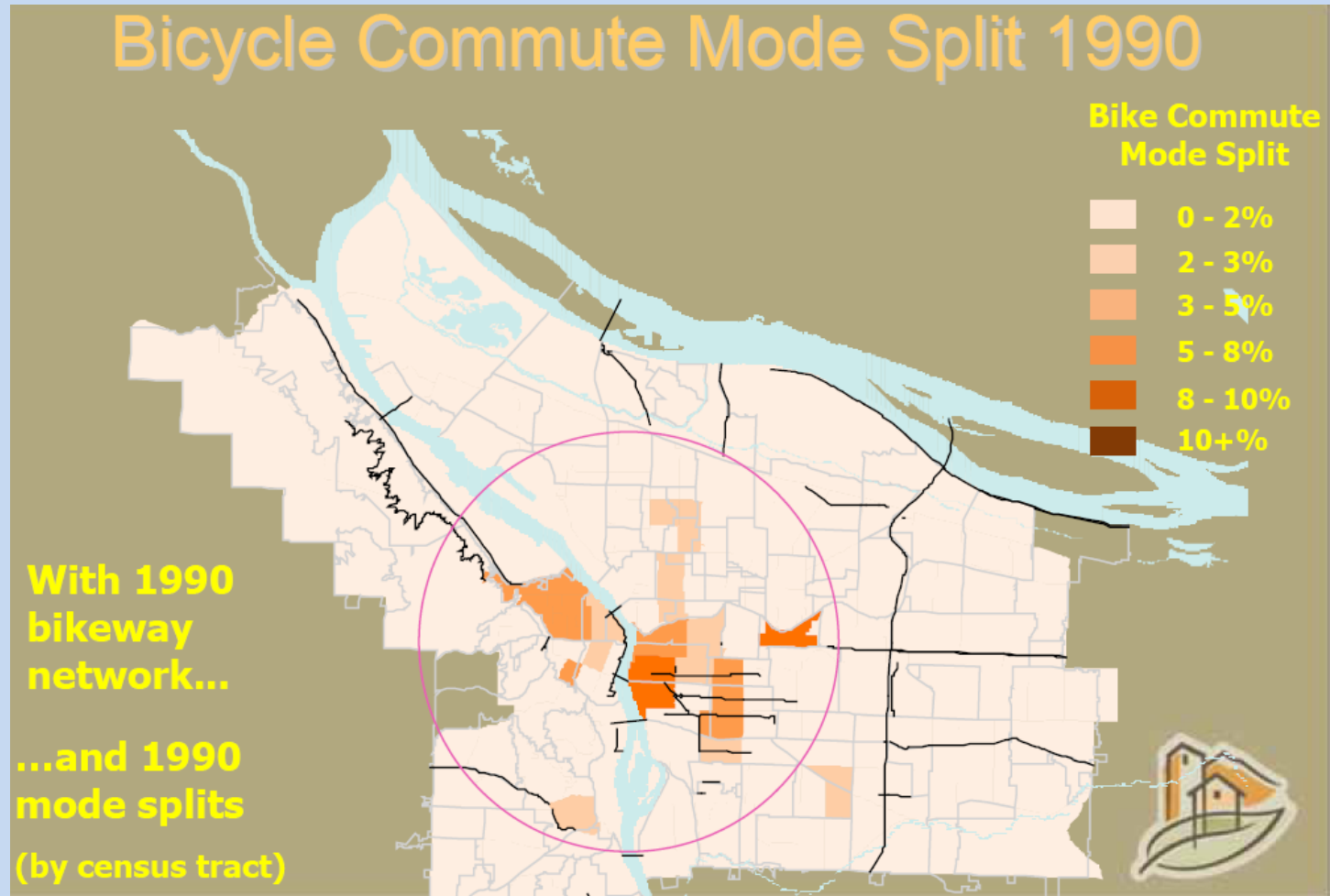
ENCOURAGING ACTIVITY

- %
- **Bike Month/Bike to Work Week**
- **Walk/Bike to School Month**
- **Businesses**
- **Cyclovía/Car-Free Days in Parks**
- **Tourism**
- **Images**
- **Bicycle maps**
- **Collect statistics**

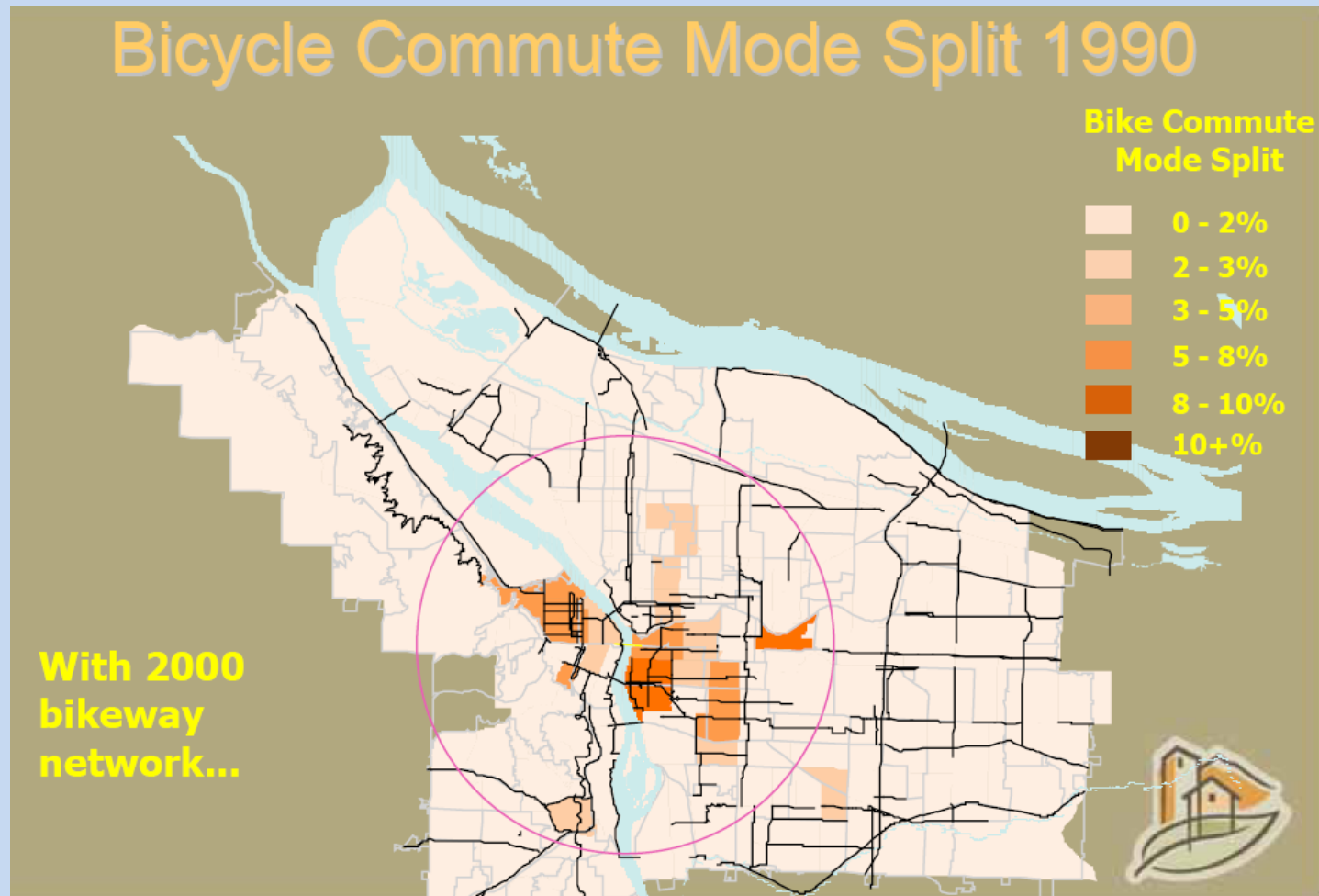
ENCOURAGING ACTIVITY - %



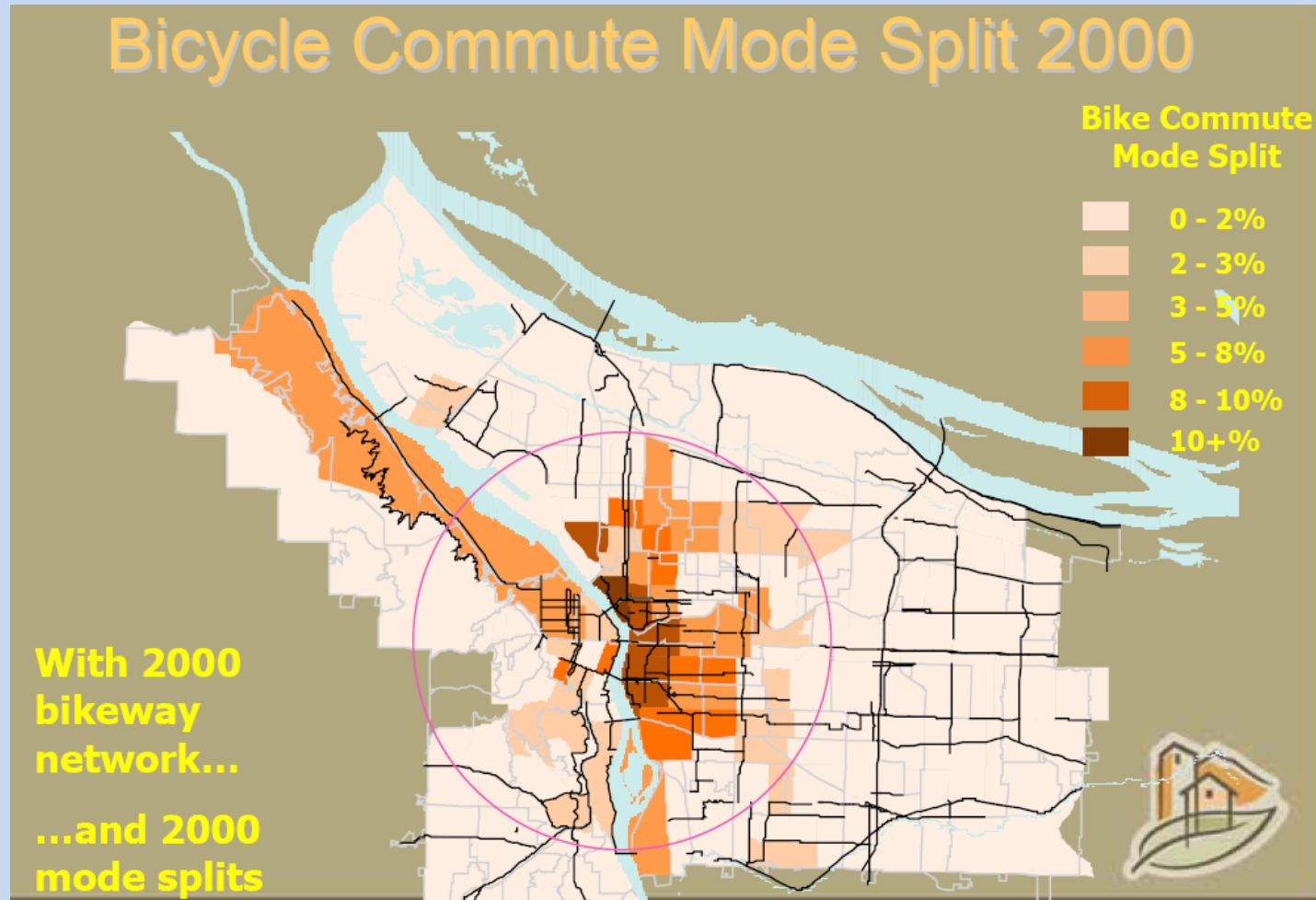
ENCOURAGING ACTIVITY - %



ENCOURAGING ACTIVITY - %

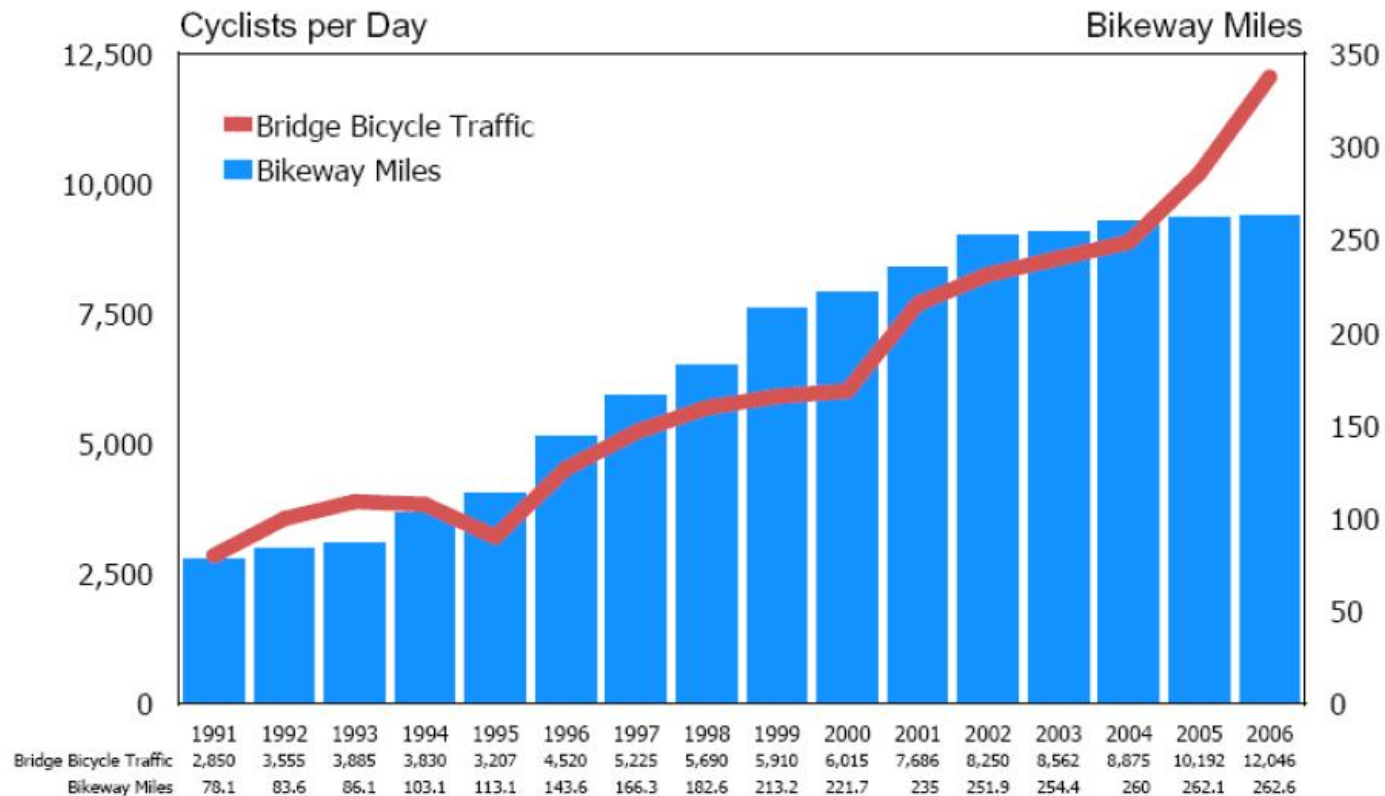


ENCOURAGING ACTIVITY - %



ENCOURAGING ACTIVITY - %

Combined Bicycle Traffic over Four Main Portland Bicycle Bridges Juxtaposed with Bikeway Miles



ENCOURAGING ACTIVITY - %

Portland's experience:

- <1% of transportation budget
- >5% of trips
- Started where we are now
- ~15 years

ENCOURAGING ACTIVITY

Walk/Bike to School Month

- October
- National program
- Works

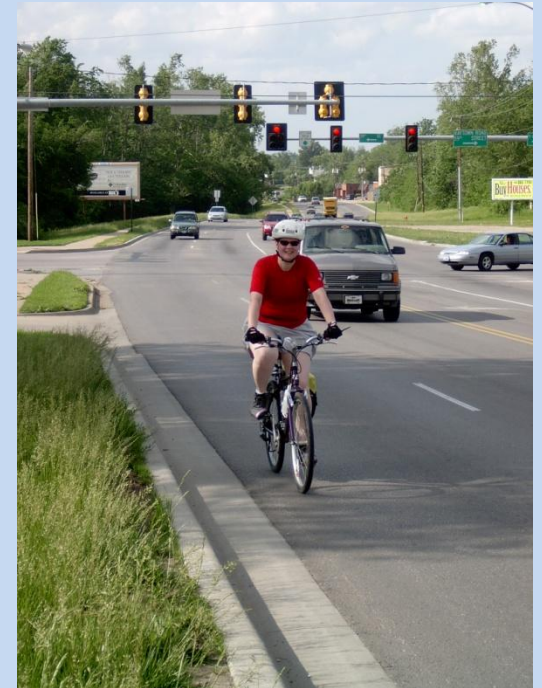
--> Safe Routes to School



ENCOURAGING ACTIVITY

Bike Month/Bike to Work Week

- May
- National program
- Works!



ENCOURAGING ACTIVITY

Businesses

- Health/fitness programs
- Alt. commute programs
- Works!!



ENCOURAGING ACTIVITY

Ciclovia/Carfree Parkway

- Close street to cars; regular schedule



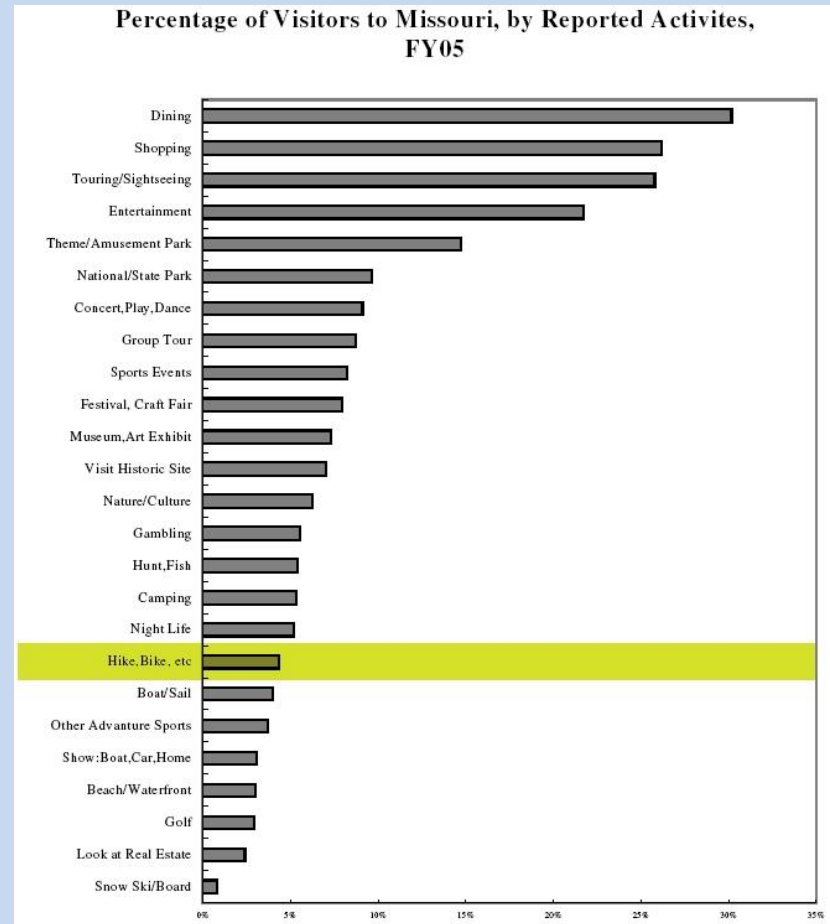
ENCOURAGING ACTIVITY

Tourism

- bike/hike = 4.2%

- > Golf-Beach-Home
Show-Boat

- < Night life-camping-
hunt-fish-gambling



ENCOURAGING ACTIVITY

Use Active Transportation Images



ENCOURAGING ACTIVITY

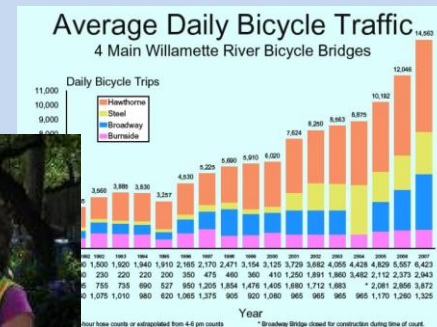
Bike Maps

- City, metro, county, state
- *Very* helpful for bicyclists
- Trails + on-road routes
- Consult bicyclists!

ENCOURAGING ACTIVITY

Bike/Ped Counts

- Nationwide effort/protocol
- MoBikeFed.org/BikePedCounts



ENCOURAGING ACTIVITY

Bicycle/Walking Trips

MO: 5%

U.S.: 9.5%

Grade: D

IMPROVING SAFETY

- **Traffic justice**
- **Reports**
- **Bike/Ped Enforcement**
- ❖ **League Cycling Instruction**
 - **Inexpensive/free; widely available**
 - **More LCIs/LCI training**
- ❖ **More walking/bicycling =
greater safety**



IMPROVING SAFETY – BIKE ED

League Cycling Instruction

After the course:

- 87% ride more
- 100% feel safer
- 35% of auto trips replaced with bicycle trips



IMPROVING SAFETY – BIKE ED

League Cycling Instruction



Because of the course, I **now ride many more kinds of places than I used to.** In other words, I don't feel limited to the trails, but feel free to ride on the streets now.

IMPROVING SAFETY – BIKE ED



League Cycling Instruction

The class was really the catalyst for riding more. I had been wanting to

ride more but had a million excuses not to. The class took away my excuses & **now I'm riding to work once or twice a week!**

IMPROVING SAFETY – BIKE ED

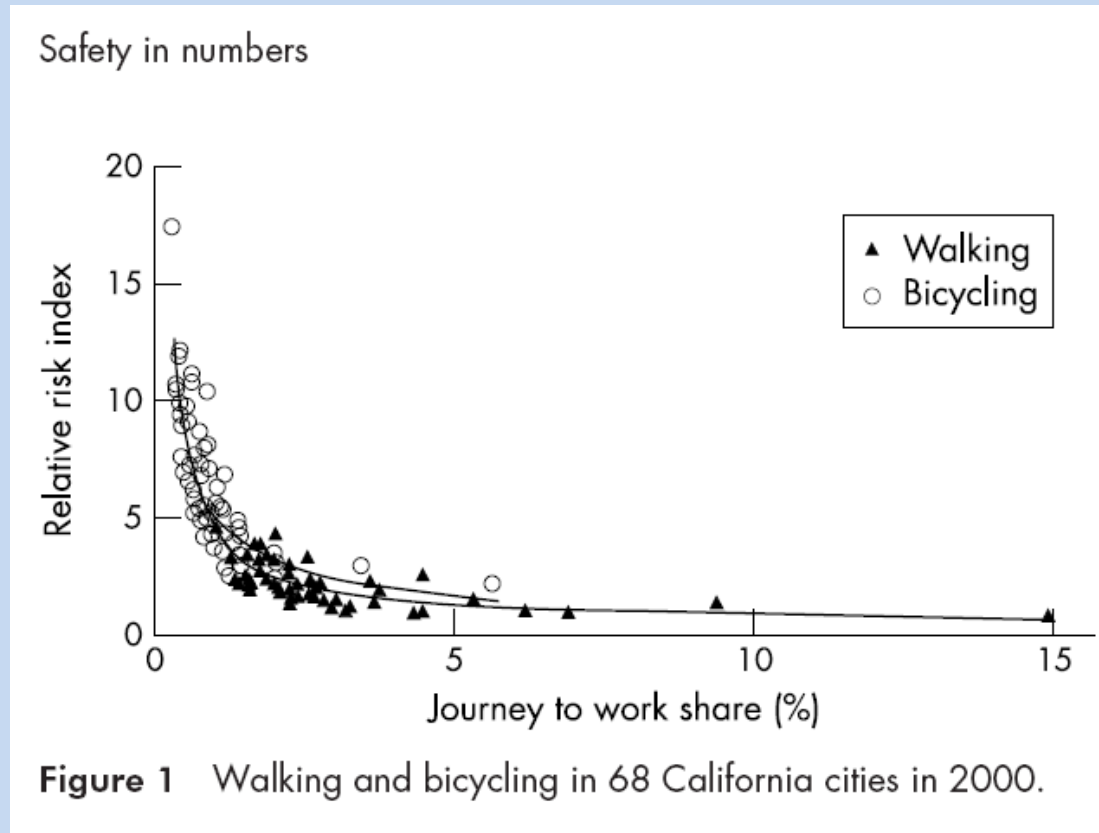
League Cycling Instruction

Besides teaching me skills, it kind of shifted my whole attitude toward biking. Before, biking was a recreation only, on-the-trail kind of thing. Now it's more useful, a **workable means of getting around in everyday life.**



IMPROVING SAFETY - MAGIC!

More bicycling & walking = Greater safety



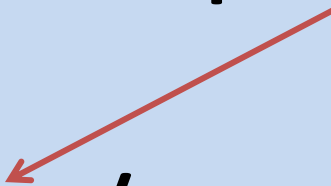
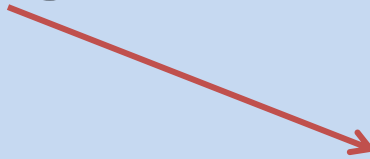
IMPROVING SAFETY - MAGIC!

The Virtuous Cycle

More bicycling/walking

More public support

Better facilities/programs



IMPROVING SAFETY

Bicyclists and pedestrians:

5% trips

7.5% deaths

15% injuries

Grade: D

BUILDING WORLD CLASS NETWORK

- **Bicycle, pedestrian, trails plans**
- **Bike/Ped coordinators**
 - local, metro, statewide
- **MoDOT policy and practice**
- **Track bike/ped in projects**
- **Spend existing money better (TE, CMAQ)**

BUILDING WORLD CLASS NETWORK

- **Complete Streets policies**
 - local, metro, statewide, national
- **Bikes on transit 100%**
- **Bicycle parking requirements**
- **Katy Trail network**
- **Bicycle Friendly Communities**

KATY TRAIL NETWORK

Proposed 4 state trail

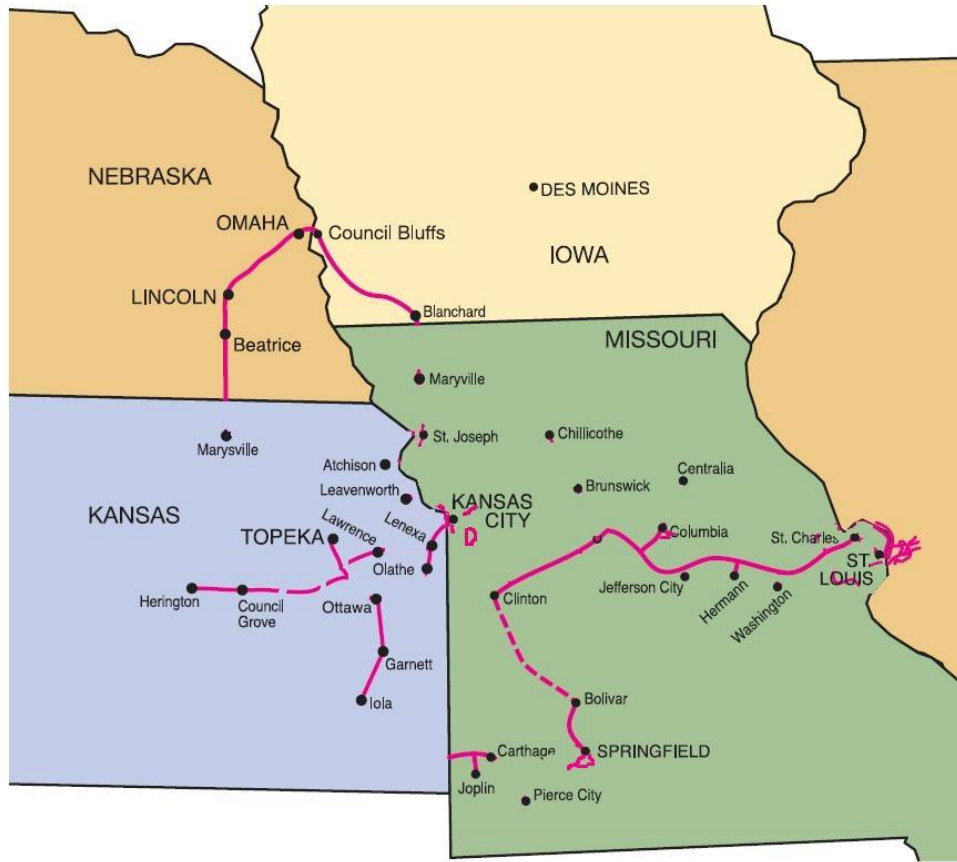


- 1990 (?)
- 0 miles
- 0 population within 2 miles

(CONCEPTUAL!)

KATY TRAIL NETWORK

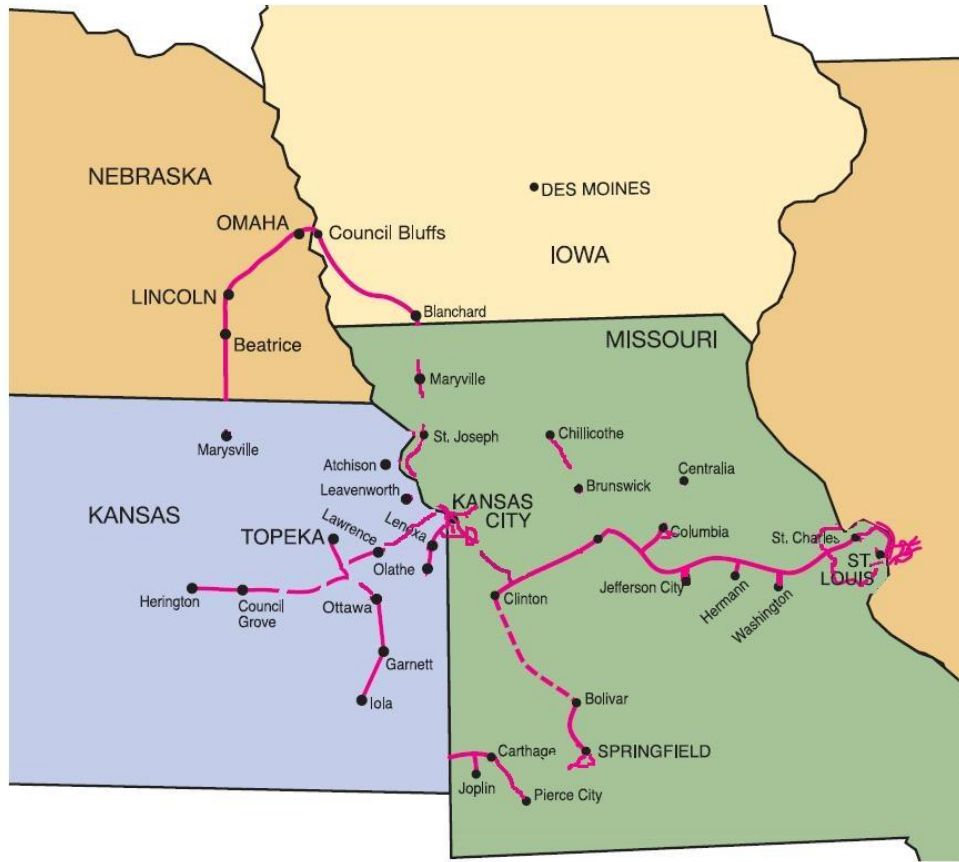
Proposed 4 state trail



- Current
- 225 miles
- 210,000 population within 2 miles

KATY TRAIL NETWORK

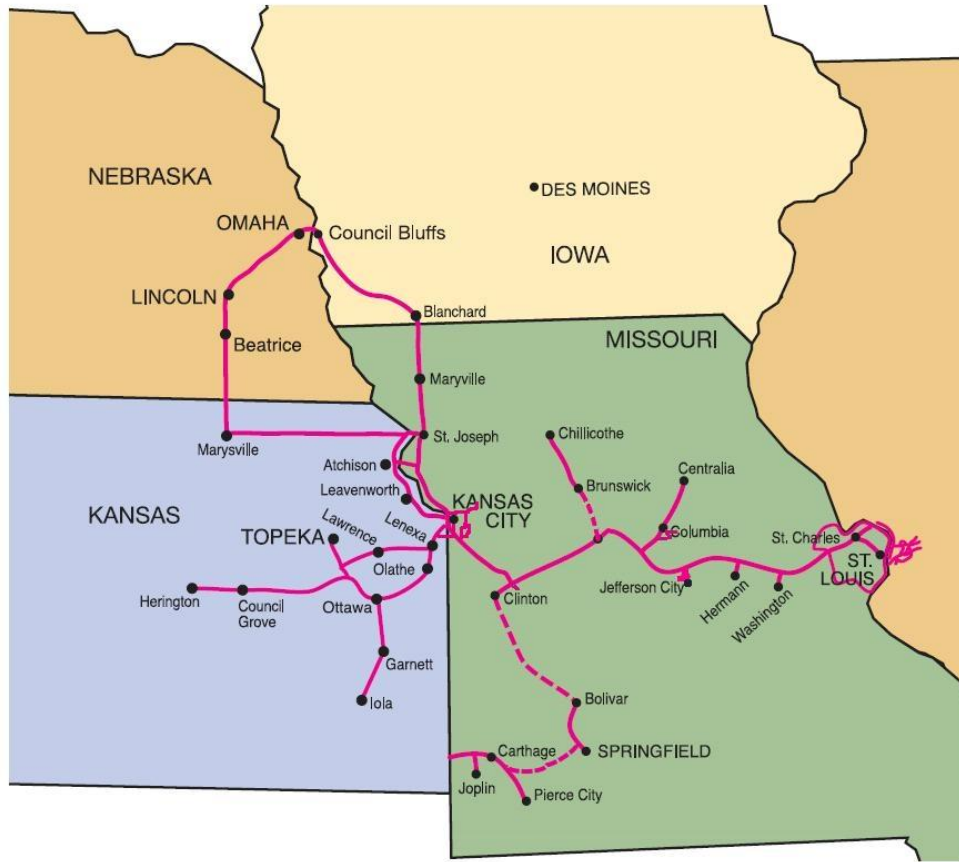
Proposed 4 state trail



- 5 years
- 300 miles
- 350,000 population within 2 miles

KATY TRAIL NETWORK

Proposed 4 state trail



- Long term (20 years?)
- 800+ miles
- 2.5 million + population within 2 miles

(CONCEPTUAL!)

BICYCLE FRIENDLY CITIES/STATE

- National program; levels
- Best single thing; not hard
- Comprehensive – 5 Es
- Roads AND trails
- BicycleFriendlyCommunities.org



BICYCLE FRIENDLY CITIES/STATE

Current

- State: 26/50 overall
42/50 infrastructure
- Cities: 0



BICYCLE FRIENDLY CITIES/STATE

5 Year Goal

- State: Bronze
- Cities: 1 Silver
5 Bronze
5 more engaged in BFC



BICYCLE FRIENDLY CITIES/STATE

20 Year Goal

- State: Platinum
- Cities: 5 Gold/Platinum
10 Silver
15 Bronze
50% Engaged in BFC



BUILDING WORLD CLASS NETWORK

Bicycling infrastructure ranked 42/50

Weak statewide bike/ped policies

Few bike/ped/trails plans

Few bike/ped coordinators

Few/weak Complete Streets policies

No Bicycle Friendly Communities

Grade: D

OVERALL GRADE

Overall Grade?

OVERALL GRADE

- Building a movement - B
- Encouraging activity - D
- Improving safety - D
- Building a world class network – D

Overall: D

Improvement: C+

OUR GOALS

- D to A
- Platinum Bicycle Friendly State
- Double bicycling/walking
- Halve injury/fatality rate

YOU CAN HELP . . .

- Endorse the Vision
 - Individuals
 - Organizations
- Implement one thing?
- Join