



REGIONAL TRANSPORTATION PLAN
2012-2035 RTP
 SUSTAINABLE COMMUNITIES STRATEGY
 Towards a Sustainable Future



Southern California Association of Governments

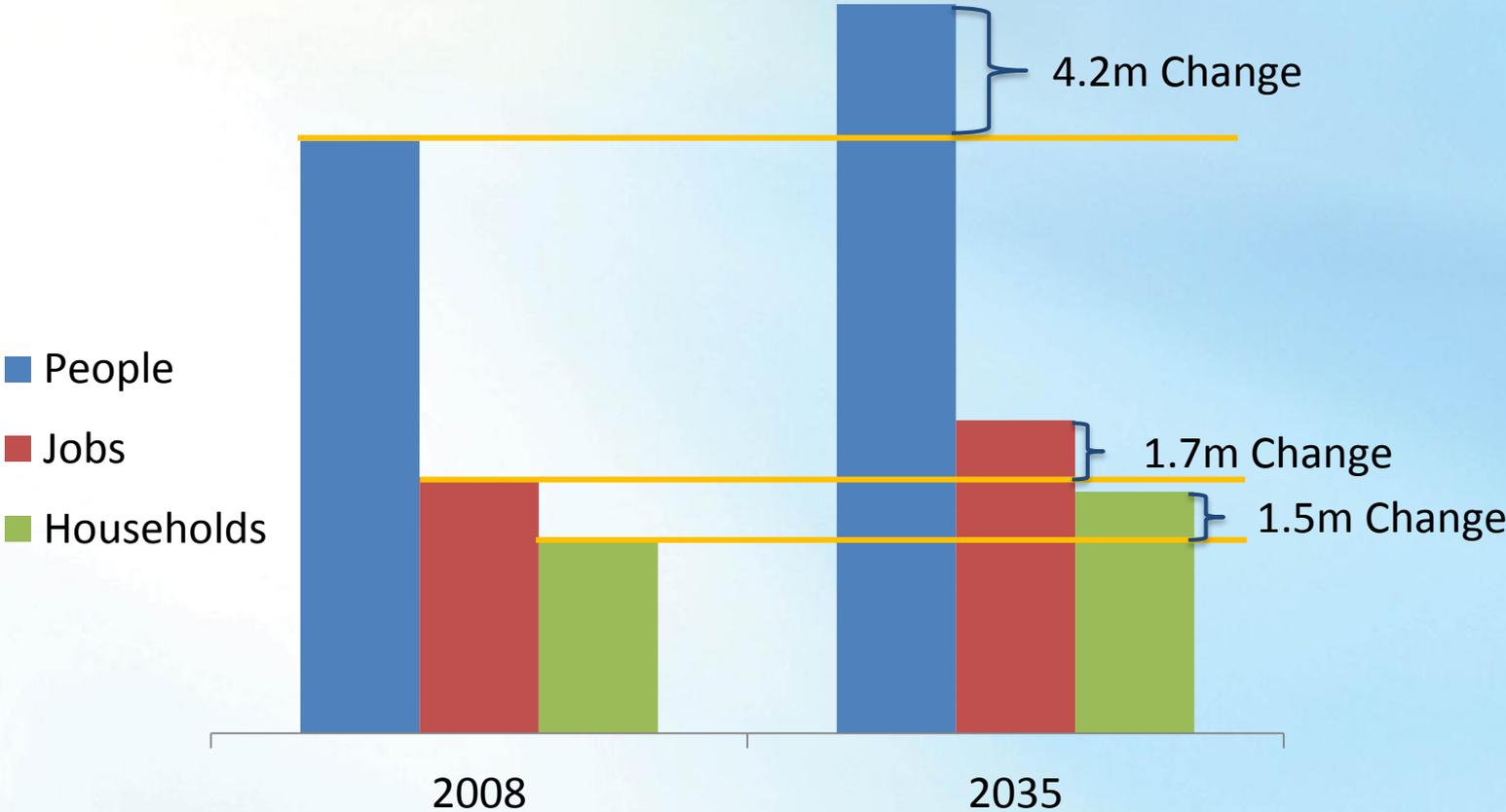
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 Executive Director

Southern California Association of Governments

Second Annual General Assembly
San Bernardino Associated
Governments (SANBAG)

June 14, 2012

Anticipated Future Growth



Recently adopted 2012-2035

Regional Transportation Plan/Sustainable Communities Strategy



- Almost \$525 billion in investments to improve the SCAG region's transportation system through 2035
- \$263 billion in capital investments
- \$217 billion in system operations, preservation, and maintenance
- \$45 billion in debt service to advance construction of projects

Passenger Rail Vision 2035

**Transit
\$55 billion**

**Passenger Rail
\$51.8 billion**

**Metrolink/
LOSSAN Upgrades
and California
High-Speed Rail
Phase 1**



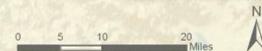
**New and
Enhanced
Bus Rapid
Transit
REGIONWIDE**



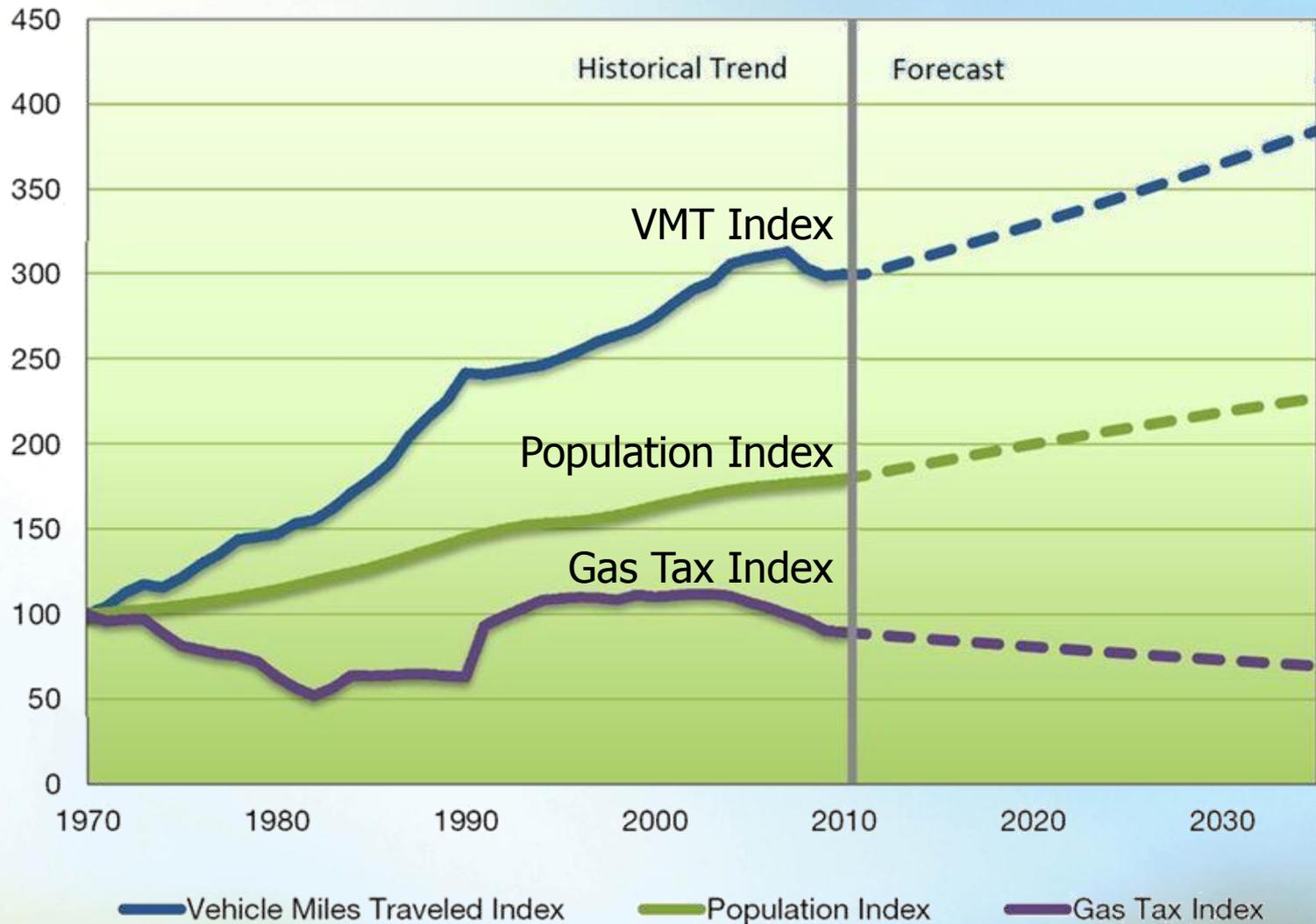
**Light and
Heavy Rail
Extensions**



**Metrolink Commuter
Rail Service Expansion
THROUGHOUT THE REGION**



Long-Term Funding Challenge





Economic & Job Creation Analysis

Economic and Job Creation Analysis

- Economic Times required More Comprehensive Analysis of Impact and Benefits of Infrastructure Expenditures
- SCAG Retained Team of Leading Economists
 - Wallace Walrod, Ph.D., Orange County Business Council
 - Marlon Boarnet, Ph.D., University of Southern California
 - Christine Cooper, Ph.D., LA Economic Development Corporation
 - John Husing, Ph.D., Economics & Politics
- Team Used Regional Economic Models, Inc. (REMI Model) to assess impacts

Economic and Job Creation Analysis

- Components of Economic Analysis
 - Cost/Benefit of Investments
 - Economic Benefits of Construction Spending
 - Economic Benefits of an Improved Transportation System
 - Impacts of Fees

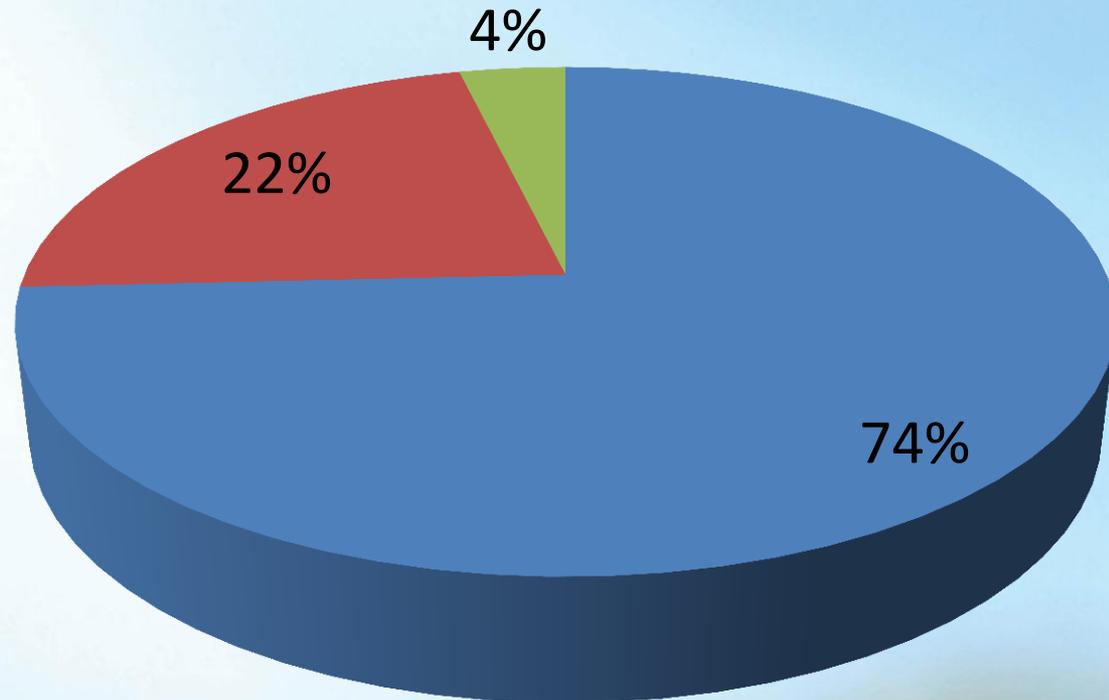
Cost/Benefit Investments

Cost Benefit Analysis

\$2.90
return for
every \$1
spent

Includes:

- Travel Time Savings
- Veh. Op. Cost Savings
- Emission Cost Savings



2012–2035 RTP/SCS Per Capita Cost

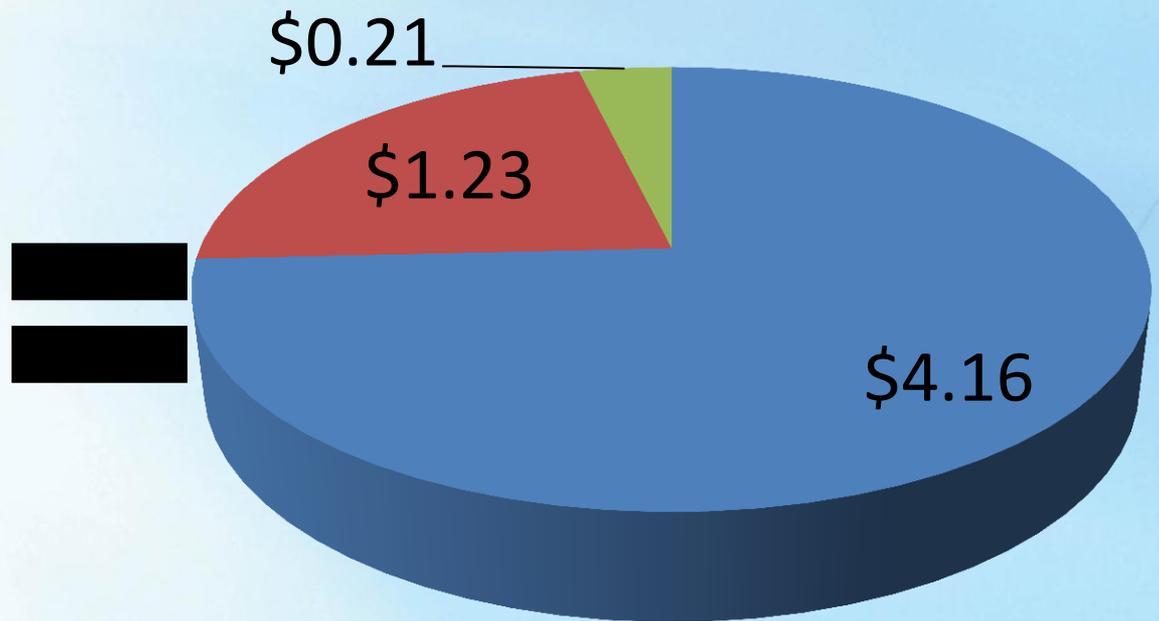
- Total 2012 RTP/SCS Cost in Constant Dollars
- Annualize Costs
- Translate into per day (365)
- Adjust for per capita (Average of 20 million)



Cost is Less than
\$2 per day
per capita

2012–2035 RTP/SCS Per Capita Benefit

Over
\$5 per day
per capita



- Travel Time Savings
- Veh. Op. Cost Savings
- Emission Cost Savings

Construction Benefit

Construction
SCAG Region

174,500
Annual Jobs

Construction
San Bernardino

18,300
Annual Jobs

Network Benefits

Network Benefits

- Commuting
- Accessibility
- Transportation

354,000
Annual Jobs

Economic & Job Creation Analysis

Full Results

	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	Annual Average
CONSTRUCTION	194	165	173	188	154	174.5
ALL NETWORK BENEFITS	21	71	263	543	852	354
AMENITY & OPERATIONS	17	40	65	88	108	64
2012-2035 RTP/SCS	232	276	501	819	1,114	592.5

Economic & Job Creation Analysis

Full Results

Impacts of revenue options with no reinvestment

	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	Average
SALES TAX	-34.1	-34	-34.2	-35.3	-35.7	-34.6
HIGHWAY TOLLS	0	0	0	-0.3	-0.4	-0.1
FREIGHT FEE	0	0	0	-0.2	-0.3	-0.1
GAS TAX	0	-6.4	-5.4	-0.9	-1.6	-2.9
VMT FEE	0	0	-14.8	-72.9	-63.1	-29
All Revenue Options	-34.1	-40.4	-54.4	-109.6	-101.1	-66.8

New jobs and their resulting local, state and federal revenues not reflected

Economic & Job Creation Analysis

Conclusion

- Per Capita Cost is less than \$2 per day
- Per Capita Benefit is greater than \$5 per day

Construction Benefits — 174,500 annual jobs

Network Benefits — 354,000 annual jobs

User Fee Impacts — 67,000 annual jobs

Thank you!



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RTP