



TRANSPORTATION INFRASTRUCTURE

EVALUATING THE ECONOMIC IMPACT OF
TRANSNET ON SAN DIEGO'S ECONOMY

PRODUCED BY



SAN DIEGO
REGIONAL
EDC

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DIVERSE TRANSPORTATION INFRASTRUCTURE IS AN INVESTMENT IN THE REGIONAL ECONOMY

Transportation infrastructure strengthens the regional economy and promotes future economic growth. Expansions and enhancements to roads, highways and public transit reduce congestion, decrease travel times and increase business productivity. This economic impact analysis of TransNet – the voter-approved half-cent sales tax – reveals how investments in transportation have impacted San Diego’s economy.

\$3.3B =

TRANSNET TAXES EXPENDED OVER THE LAST 25 YEARS

\$20B

TOTAL ECONOMIC IMPACT

650

PROJECTS COMPLETED TO DATE

\$500M

IN TRAVEL TIME SAVINGS ANNUALLY

12.4M

HOURS OF TRAVEL TIME SAVED ANNUALLY

\$9B

IN LOCAL WAGES & SALARIES

5,300

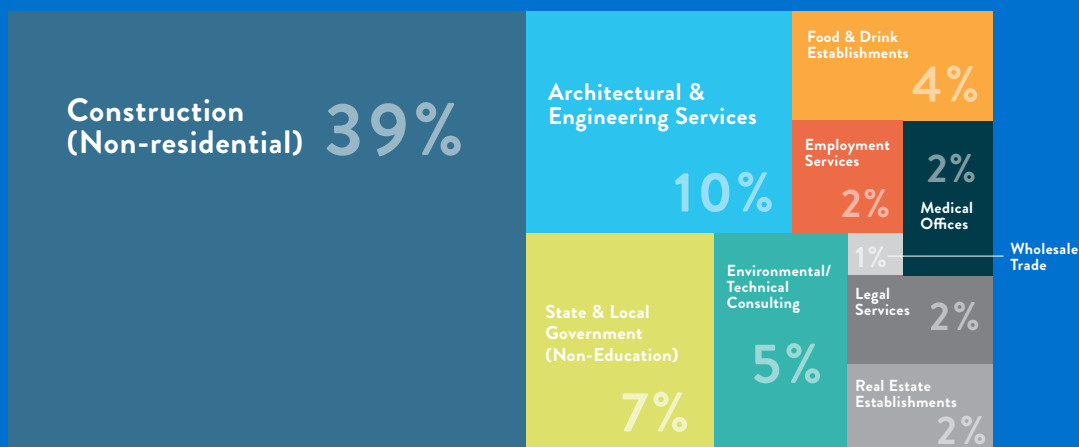
NUMBER OF JOBS SUPPORTED ANNUALLY

Every \$1 collected in TransNet taxes results in **\$1.70 INCREASE** IN THE REGION’S GDP



The majority of jobs created by TransNet are in industries that pay above average wages*

JOBS SUPPORTED BY TRANSNET, TOP 10 INDUSTRIES



*Based on 2014 Average Annual Wages by Industry, Bureau of Labor Statistics

HOW INFRASTRUCTURE INVESTMENT BENEFITS THE REGION

The average San Diegan's commute is 25 minutes each way. Improvements to the transportation network – including new transit routes, more frequent transit service and extensive highway enhancements – have helped commute times in the region remain relatively unchanged over the last five years, despite the region's growing population and economy.

IMPROVING QUALITY OF LIFE*



8 HRS. OF TIME SAVINGS, OR 1 DAY OF VACATION (per commuter, annually)



6,500 ACRES PRESERVED FOR OPEN SPACE



\$146M IN TOTAL SAVINGS IN FUEL, MAINTENANCE AND OTHER VEHICLE OPERATING COSTS

*Based on TransNet economic impact analysis

SAN DIEGO RANKS #1

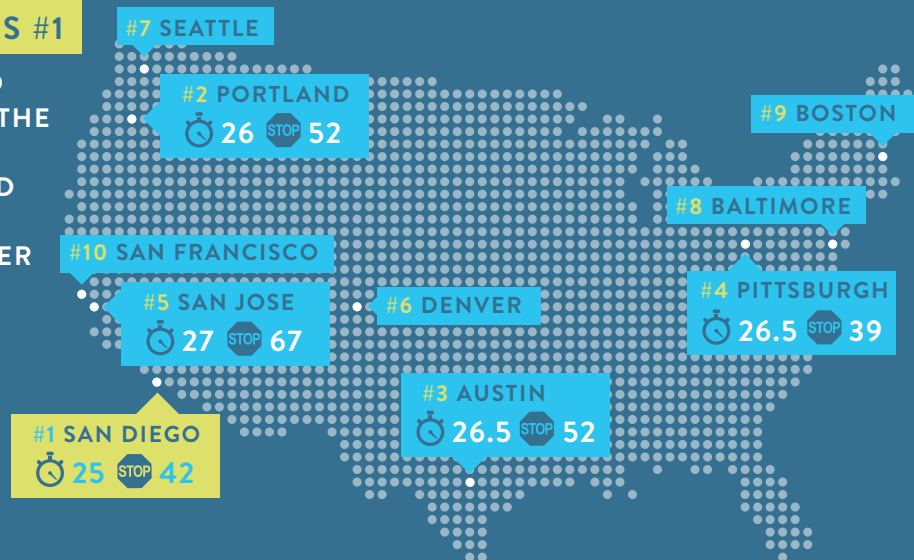
AMONG PEER METRO AREAS** WITH BOTH THE LOWEST AVERAGE COMMUTE TIMES AND ANNUAL HOURS OF DELAY PER COMMUTER



Average Travel Time to Work (min.)



Annual Delay per Commuter (hrs.)



THE GROWING NEED FOR A BALANCED NETWORK

Young professionals, the cornerstone of San Diego's workforce and innovation economy, increasingly prefer to live in residential areas offering a variety of mobility options and shorter commute times. As more people shift to biking, walking and riding transit, investing in a balanced transportation system becomes a leading economic development priority.



60%

INCREASE IN BIKE COMMUTERS SINCE 2005



53%

INCREASE IN WALKING TO WORK SINCE 2005



10%

INCREASE IN TRANSIT RIDERSHIP SINCE 2010

**Peer metro areas have been defined as regions of similar size and economic composition as San Diego County; Sources: US Census Bureau, American Community Survey, 2014 and Texas Transportation Institute, 2014

TRANSPORTATION INFRASTRUCTURE IS THE BACKBONE OF SAN DIEGO'S ECONOMY

With more than **3.2 MILLION PEOPLE** and nearly **1.5 MILLION JOBS** in the region today, San Diego's extensive network of highways, roads, rail lines and public transit is essential for the movement of people and goods around the region.

TODAY'S TRANSPORTATION NETWORK AT A GLANCE...

10,149
ROAD MILES

5
RAIL LINES

129
BUS ROUTES

1,122
MILES OF DEDICATED BIKE LANES

SAN DIEGANS DRIVE



77M MILES EACH DAY

= 167 ROUNDTrips TO THE MOON

SAN DIEGANS RIDE



1.8M MILES EACH DAY ON TRANSIT

= 72 TRIPS AROUND THE EARTH

GROWTH IS INEVITABLE. More people means more travel and additional demand on the region's transportation network. Focusing future transportation investments, including a variety of travel options, in faster growing residential and employment areas will ensure a balanced system and help promote economic prosperity.

THE REGION IS GROWING

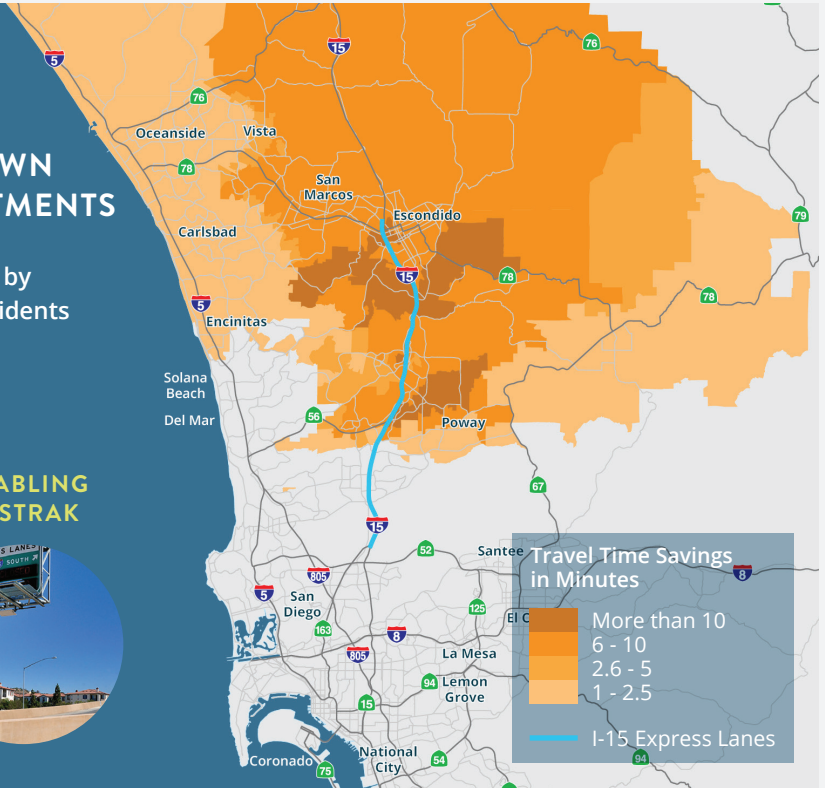
	TODAY	2050	
 PEOPLE	3.23M	4.07 M	↑ 26%
 JOBS	1.48M	1.91M	↑ 29%
 HOUSING UNITS	1.18M	1.49M	↑ 26%



IMPROVING ECONOMIC OPPORTUNITY THROUGH HIGHWAY INVESTMENT

TRAVEL TIME SAVINGS TO DOWNTOWN RESULTING FROM HIGHWAY INVESTMENTS

The I-15 Express Lanes support economic growth by improving travel times; enhancing mobility for residents and increasing efficiency for local businesses.



SUPPORTING TRANSIT



ENCOURAGING CARPOOLING

ENABLING FASTRAK



Each day, traffic and congestion cost the region millions of dollars in lost wages, productivity and operating costs. The I-15 Express Lanes corridor is a prime example of how highway investment can support economic growth. These managed lanes have significantly improved travel times throughout the region; helping to faster connect people to major employment centers such as Downtown. The time savings and decreased operating costs resulting from network enhancements ultimately improve the bottom line for businesses and increase the region's GDP.

SUPPORTING TRADE AND COMMERCE

SAN DIEGO'S GLOBAL COMPETITIVENESS IS DIRECTLY TIED TO INVESTMENTS IN TRANSPORTATION INFRASTRUCTURE

62M

tons of goods moved throughout the region annually

92%

of goods moved throughout the region are by truck

\$39.7B

total value of goods moved throughout the region's land ports of entry (POE) - Otay Mesa, San Ysidro and Tecate

MAJOR FREIGHT CORRIDORS

I-5	I-805
I-8	SR 11
I-15	SR 905

\$14.4B

annual value of exports moved through land POEs

\$25.3B

annual value of imports moved through land POEs

TRANSNET: THE BASICS

First approved by voters in 1988, TransNet, the region's half-cent sales tax, has been used to prepare regional infrastructure projects to compete for federal and state grants. This includes a mix of capital projects, such as road and highway construction, or expanding public transit, in addition to operational expenditures for ongoing maintenance and service.

QUICK FACTS

- **\$3.3 BILLION** invested from TransNet contributions
- **\$10 BILLION** from federal, state and local funding sources
- **650 PROJECTS** completed to date through the use of TransNet funds leveraged with additional sources
- **6,500 ACRES** of land preserved as open space

TransNet Projects

- Environment
- Grants
- Transit
- Highways
- Bikeways
- Local Streets

COMPLETED TRANSNET PROJECTS



REGIONAL EMPLOYERS BENEFIT FROM TRANSPORTATION INFRASTRUCTURE

SPOTLIGHT: SCRIPPS HEALTH



"Route 235 is a nice ride and I'm doing it by choice. It's fast and it takes the stress out of my commute."

- Laura Johnson, Scripps Employee
Rapid Bus Route 235 passenger



As an employer of highly-specialized talent, and with multiple facilities throughout the region, Scripps relies on the transportation network to meet the diverse mobility needs of its workforce. Scripps also plays a major role in meeting its employees' transportation needs by providing a first/last mile shuttle solution for transit riders, encouraging vanpooling and subsidizing employee transit passes.

For more information on this study, please visit sandiejobusiness.org/research