

# TRANSPORTATION FACT SHEET

## Contra Costa County Climate Leaders

A project of Generation Green - a 501(c)3 nonprofit organization

Find Links to Other Local Government Policy Opportunities at [www.cccclimateleaders.org](http://www.cccclimateleaders.org)



### WHAT?

The [Contra Costa Transportation Authority](#) identifies the key problems in the transportations sector as: Congestion, increase of single-occupant vehicles, greenhouse gas emissions, and infrastructure risks such as rising tides.

Nearly 92% of all trips are by car. Over the past 30 years, traffic congestion has increased at a faster rate than population growth. Congestion is expected to continue to increase with average vehicle delay more than doubling. Transportation is responsible for approximately 40 % of greenhouse gas emissions in California. The transportation system is also vulnerable to effects of climate change, especially rising tides.

### Objectives to Reduce Emissions from the Transportation Sector:

#### 1. Manage population Growth and its Impacts

- The Congestion Management Program (CMP) identifies performance measures for highways, land use evaluation program, and seven-year capital improvement program.
- Coordinate with cities to manage construction and maintenance of local streets and roads – specifically the investments that support active transportation (i.e. walking/biking).

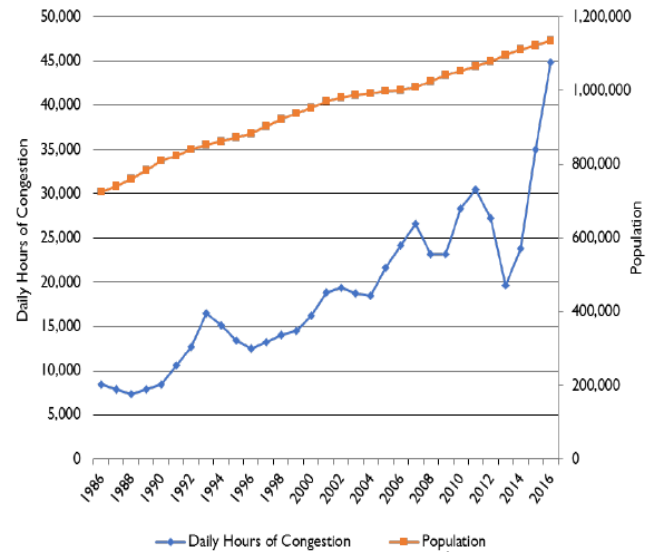
#### 2. Expand affordable alternatives to single-occupant vehicles

#### 3. Maintain and Support Infrastructure

#### 4. Invest wisely to maximize benefits of funding

- Most funding stems from Measure J and C (6.5 billion in one year).
- Over \$29 billion is needed for new projects and programs to maintain and improve roads, freeways, transit systems bicycle and pedestrian facilities.

Figure ES-2: Population Growth and Average Daily Hours of Congestion in Contra Costa County, 1986-2016



Data Sources: Caltrans District 4, 1986-2008 Hi-Comp Report; 2009-2016 Mobility Performance Report

Table ES-3: LRTIP Funding Overview (2017 \$ in Millions)

	Total Cost	% of Total
Freeway and Roadway Projects	\$3,742	47%
Transit Projects	\$2,150	27%
Pedestrian and Bicycle Projects	\$200	3%
Other Projects	\$355	4%
Countywide and Subarea Programs	\$1,555	19%
<b>Subtotal (Additional Revenues)</b>	<b>\$8,002</b>	<b>100%</b>
2013 RTP Projects Total (Assumed Revenues)	\$3,672	
<b>TOTAL FUNDS</b>	<b>\$11,674</b>	

Note: Numbers may not sum precisely due to rounding.

This figure represents the funding plan of the Contra Costa County Transportation Authority.



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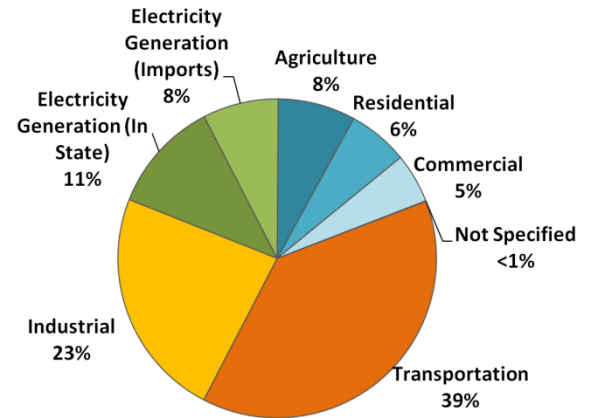
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### WHY?

[SB 32](#) mandates a 40 percent reduction in GHG emissions below the 1990 level by 2030, and the Governor's Executive Order B-16-2012, aims to reduce transportation GHG emissions to 80 % below 1990 levels by 2050. In order to comply; counties and cities need to address emissions caused by the transportation sector.

Cleaner cars and alternative transportation improves the health and safety of residents.

- Traffic collisions are the leading cause of death in the U.S for people under the age of 34.
- Every hour spent in a car increases a person's risk of being obese by 6%.
- Air quality and noise levels are increased in communities close to highways— large areas of San Pablo, Concord, and Antioch are impacted.



2015 Total CA Emissions: 440.4 MMTCO<sub>2</sub>e

Courtesy of California Air Resources Board

### WHO?

The [Contra Costa County Transportation Authority](#) manages the county's transportation sales tax program and planning. The [Metropolitan Transportation Commission](#) is a transportation planning, financing and coordinating agency for the nine county San Francisco Bay Area.

### WHERE?

*Examples of Local Best Transportation Practices in Contra Costa:*

- Contra Costa County – [partnered with Scoop](#), a carpooling application, to increase the number of carpoolers and decrease single occupant vehicles.
- City of Richmond conducted a [First Mile/Last Mile Strategic Plan](#), using a sustainability grant from CalTrans.
- City of Pleasant Hill Bart remodel combines housing, work, transit, and entertainment in an urban space. The Contra Costa Centre also offers employees [commuter benefits](#) for alternative transportation.
- City of Concord instituted a variety of transportation related programs including:
  - A [Bicycle, Pedestrian & Safe Routes to Transit Plan](#).
  - Developed a [Downtown Corridors Plan](#) to make Downtown Concord more pedestrian friendly.
  - Police and Public Works Departments piloted a new vehicle management system called [EcoLock](#) to significantly lessen idling vehicles.
  - Installing five 220V dual-port Quick Charge electric vehicle charging stations for more efficient charging and capacity.

*Examples of other Local Government Best Practices:*

- City of [Dublin BART](#) [partnered with MTC and Scoop](#) to guarantee parking at Dublin BART to carpoolers.
- City of San Jose [Green Trips challenge](#) + Green Commute Champions.
- City of Palo Alto implemented a [free downtown shuttle](#) running seven days a week for easy transit access.



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- [City of San Francisco partnered with Waze](#) to help alleviate congestion in San Francisco, working in coordination with the Mayor's Rush Hour Congestion Strategy).
- [Marin County](#) partnered with Lyft to provide credit for the Lyft line carpool - Commuters on the SMART train will be able to get discounted rides between the rail station and work through a subsidy for the Lyft service.
- TransForm's [GreenTRIP program](#) has completed greenhouse gas emissions reduction evaluations for many housing projects applying for Affordable Housing and Sustainable Communities (AHSC) funds. They also provide GreenTrip Certification for new housing developments.

### HOW?

*There are three keys ways to reduce emissions from the transportation sector:*

1. Increase Vehicle Efficiency
2. Increase Fuel Efficiency
3. Improve Transportation options to reduce VMT

*General Funding Information and Grants:*

1. General Funding Information:
  - Division of Transportation Planning California, Department of Transportation's [Transportation Funding In California 2017](#)
  - Caltrans' Division of Rail and Mass Transportation (DRMT) [website](#).
  - Metropolitan planning organizations such as the Metropolitan Transportation Commission have their own active transportation programs [here](#).
  - Subscribe to the Division of Local Assistance (DLA) Email Notification List to receive timely notices of our publications updates and policy/procedure changes related to federal-aid funding here
2. Grants:
  - The Road Repair and Accountability Act of 2017, or SB-1 discretionary grants and information can be located [here](#). A call for applications is expected to be released in the coming months, or early next calendar year depending on the specific program.
  - Caltrans' Transportation Planning Grant Program: [Announcing Senate Bill 1 Final Grant Application Guides and Call-for-Applications](#)
  - Federal discretionary grants can be found [here](#).

### TO LEARN MORE?

[California Air Resource Board](#)  
[California Department of Transportation \(DOT\)](#)  
[DOT 2040 California Transportation Plan](#)  
[Contra Costa Transportation Authority](#)  
[Countywide Transportation Plan 2017](#)  
[Metropolitan Transportation Commission](#)  
[Plan Bay Area 2040](#)  
[Spare the Air](#)  
[511 Contra Costa](#)

