



# Contra Costa County Climate Leaders Report Card

*(for the local governments of Contra Costa)*

*January 2021*



# Mayors Challenge

Rankings and friendly competitions can prove particularly effective when combined with a sharing of best practices on policies that cities around the world are adopting to draw down our carbon emissions.

The Mayors from the Top 3 ranked Contra Costa County cities challenge all Contra Costa County local government leaders in 2021 to the following:

## Pass a Declaration of a Climate Emergency

*"The 4CL Report Cards are a reminder for Contra Costa leaders and residents of the hard work we're collectively doing to reverse the disastrous effects of climate change. I urge Contra Costa cities to pass a resolution declaring a climate emergency. The time to act on this was yesterday!"*

- Mayor Tom Butt, City of Richmond

## Promote Renewable Energy for the Built Environment

*"The City of El Cerrito is excited to have been ranked 2<sup>nd</sup> on the list, but there's more work to be done". El Cerrito has already declared a Climate Emergency, and encourages other cities to do the same. Further, El Cerrito invites all cities in opting up to 100% renewable energy and is pursuing an Expanded Food Ware Ordinance in 2021.*

- Mayor Paul Fadelli, City of El Cerrito

## Install and Update Climate Action Plans

*"Walnut Creek has proudly been a leader in Climate Action for years, becoming one of the first cities to have all city-owned buildings be powered by 100% MCE Deep Green clean energy. One of our city priorities is updating our Climate Action Plan for 2030. We encourage all (Local Governments) to put their own climate action plans into place, as we work to combat this existential crisis."*

- Mayor Kevin Wilk, City of Walnut Creek

# **Congratulations**

## **Contra Costa County Climate Leaders!**

Read Press Release

### **What is the Contra Costa County Climate Leaders Report?**

This is a compilation of data from various Contra Costa communities accessing progress in policy making to address the climate crisis. The report uses only existing public data and information. In some cases, the data was normalized for purposes of comparing cities of various sizes to one another; i.e. per capita. The report and rankings are intended to solicit friendly banter and competition within and between the local government leaders in Contra Costa communities. The purpose is to encourage the Mayors to have fun and engage in discussions about how they are leading the way or how they are working to catch up with other communities on various best practice policies.

### **Objectives:**

The goal is to ensure that the local governments in Contra Costa County are leading the way in reducing our greenhouse gas emissions to address the climate crisis. This first annual report provides a limited method to monitor and evaluate various types of policies in place in Contra Costa communities; providing a snapshot of how local government leaders are doing in drawing down our greenhouse gas emissions.

### **Structure:**

The program reports data on more than 20 different elements. Each element creates a comparative ranking for the cities to one another. It is structured in a way to encourage multiple, various, friendly discussions and competitions in an effort to motivate more sustainable policies in each of the 19 cities and the County. For example, some cities may have passed a climate emergency declaration, while others may have installed more EV charging stations. Please see the Appendix for the full details and references of data utilized.

The data in this report was combined for the 2020 calendar year.

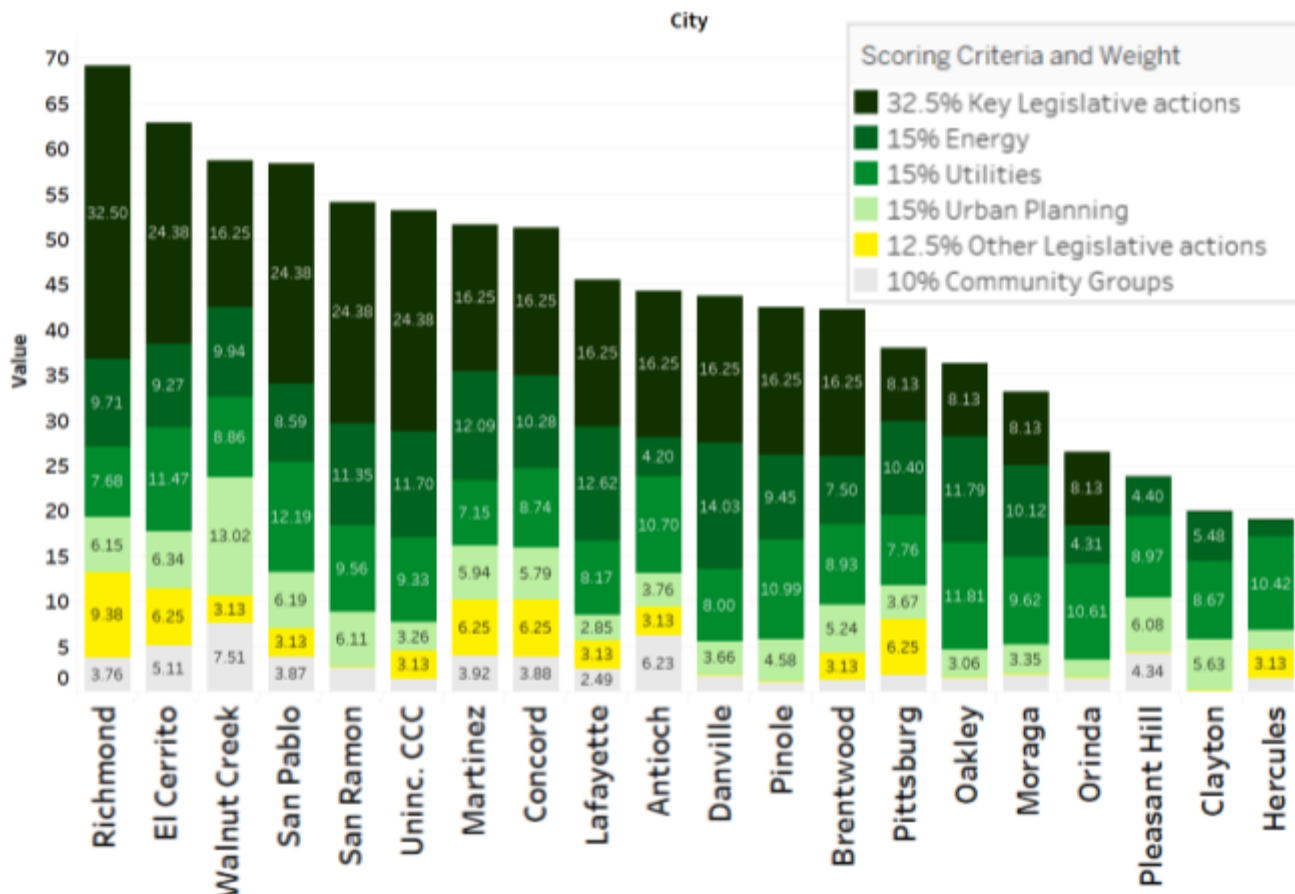
Collectively, the 19 cities and the County have made significant progress in developing legislative policy and in taking action to reduce their carbon footprint.

The Climate Leaders Report was made possible by our sponsors and the help of Consultant and UCLA Senior Andrew Johnson.

## Final Scores

Rank	City	Total Score
1	Richmond	69.809
2	El Cerrito	62.720
3	Walnut Creek	59.502
4	San Pablo	59.143
5	San Ramon	54.040
6	Univ. CCC	53.917
7	Martinez	51.512
8	Concord	49.942
9	Antioch	46.139
10	Lafayette	44.875
11	Danville	43.750
12	Pinole	42.695
13	Brentwood	41.622
14	Pittsburg	37.895
15	Oakley	36.308
16	Moraga	33.089
17	Orinda	27.372
18	Pleasant Hill	23.784
19	Clayton	19.903
20	Hercules	18.365

These final scores are a culmination of relevant environmental actions or factors completed within each Contra Costa City. Please view the Methodology page to learn exactly how each data point was collected and standardized. Interactive bar chart available on our webpage [cccclimateleaders.org](http://cccclimateleaders.org)



**Score : 46.14 Rank: 9**

## Antioch



### 4CL Scoring System

All data used to produce these rankings are from existing publicly available information. The only calculations conducted are to ensure an even comparison between cities of different sizes ( i.e. per capita, etc). Legislative leadership is weighed more heavily than are volunteer programs. Some elements have a Yes or No score (i.e. Does the city have a General Plan Update which includes climate action?) and a city gets all the points or no points. Other elements are value-based scores (i.e. setting the highest ranking city to full points and giving the other cities a score based on their percentage of the highest ranking city's score.) Rankings are out of 20. All references, links, and data are fully referenced and available. This is a work in progress. It is the first effort of this kind. We look forward to your comments. We appreciate your input and feedback and will consider other publicly available data for inclusion.

### Census Statistics

<b>Population</b>	<b>112,225</b>
<b>Area (Sq Miles)</b>	<b>30.16</b>
<b>Businesses</b>	<b>6,018</b>
<b>Vehicles</b>	<b>66,837</b>
<b>Unemployment</b>	<b>17.1%</b>

### Key Legislative Actions (35%)

**16.25% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**4.20% Achieved**

Member of MCE	NO
MCE Enrollment	Rank --
Solar Megawatts Installed	Rank 10

### Utilities (15%)

**10.70% Achieved**

Diversion Rates Waste	Rank 4
Water Use	Rank 9

### Urban Planning (15%)

**3.76% Achieved**

Electric Vehicle Charging Stations	Rank 13
Open Space	Rank 11
Walkability and Bikeability	Rank 9

### Other Legislative Actions (12.5%)

**5.00% Achieved**

Tree City	YES
Leaf Blower Ban	NO
Civic Spark	YES(7)
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%)

**6.23% Achieved**

Cleaner Contra Costa	Rank 1
Green Businesses	Rank 15

### Unique City Highlights:

Antioch Community to Save Sand Creek

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
 Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
 Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
 Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



### Brentwood



#### 4CL Scoring System

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#### Census Statistics

<b>Population</b>	<b>67,144</b>
<b>Area (Sq Miles)</b>	<b>14.86</b>
<b>Businesses</b>	<b>4,106</b>
<b>Vehicles</b>	<b>40,284</b>
<b>Unemployment</b>	<b>13.7%</b>

#### Key Legislative Actions (35%)

**16.25% Achieved**

Climate Emergency	NO
General Plan	YES
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	YES

#### Energy (15%)

**7.50% Achieved**

Member of MCE	NO
MCE Enrollment	Rank --
Solar Megawatts Installed	Rank 1

#### Utilities (15%)

**8.90% Achieved**

Diversion Rates Waste	Rank 8
Water Use	Rank 14

#### Urban Planning (15%)

**5.24% Achieved**

Electric Vehicle Charging Stations	Rank 7
Open Space	Rank 15
Walkability and Bikeability	Rank 7

#### Other Legislative Actions (12.5%)

**2.50% Achieved**

Tree City	YES
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

#### Community Groups (10%)

**2.65% Achieved**

Cleaner Contra Costa	Rank 13
Green Businesses	Rank 19

#### Unique City Highlights:

The Green Living Coalition seeks to further sustainable practice and green living in Brentwood. The Brentwood Advisory Neighborhood Advisory Committee sponsors events such as creek cleanups

#### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

**Score : 19.9 Rank: 19**

## Clayton



### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>12,242</b>
<b>Area (Sq Miles)</b>	<b>3.64</b>
<b>Businesses</b>	<b>965</b>
<b>Vehicles</b>	<b>9,239</b>
<b>Unemployment</b>	<b>6.5%</b>

### Key Legislative Actions (35%)

**0.00% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	NO

### Energy (15%)

**5.48% Achieved**

Member of MCE	NO
MCE Enrollment	Rank --
Solar Megawatts Installed	Rank 3

### Utilities (15%)

**8.67% Achieved**

Diversion Rates Waste	Rank 5
Water Use	Rank 18

### Urban Planning (15%)

**5.62% Achieved**

Electric Vehicle Charging Stations	Rank 20
Open Space	Rank 2
Walkability and Bikeability	Rank 19

### Other Legislative Actions (12.5%)

**0.00% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%)

**2.65% Achieved**

Cleaner Contra Costa	Rank 17
Green Businesses	Rank 20

### Unique City Highlights:

Signed onto the Urban Environmental Accords

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



**Score : 49.94 Rank: 8**

## Concord



### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>130,664</b>
<b>Area (Sq Miles)</b>	<b>30.54</b>
<b>Businesses</b>	<b>10,859</b>
<b>Vehicles</b>	<b>83,937</b>
<b>Unemployment</b>	<b>13.3%</b>

### Key Legislative Actions (35%)

**16.25% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**10.28% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 2
Solar Megawatts Installed	Rank 13

### Utilities (15%)

**8.74% Achieved**

Diversion Rates Waste	Rank 18
Water Use	Rank 8

### Urban Planning (15%)

**5.79% Achieved**

Electric Vehicle Charging Stations	Rank 7
Open Space	Rank 7
Walkability and Bikeability	Rank 4

### Other Legislative Actions (12.5%)

**5.00% Achieved**

Tree City	YES
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**2.65% Achieved**

Cleaner Contra Costa	Rank 3
Green Businesses	Rank 7

### Unique City Highlights:

The City was selected by Popular Science Magazine as one of America's 50 Greenest Cities in 2008

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
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## Danville



**Score : 43.75 Rank: 11**

### Key Legislative Actions (35%)

**16.25% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**14.00% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 7
Solar Megawatts Installed	Rank 2

### Utilities (15%)

**8.00% Achieved**

Diversion Rates Waste	Rank 6
Water Use	Rank 19

### Urban Planning (15%)

**3.66% Achieved**

Electric Vehicle Charging Stations	Rank 10
Open Space	Rank 14
Walkability and Bikeability	Rank 15

### Other Legislative Actions (12.5%)

**0.00% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%)

**1.81% Achieved**

Cleaner Contra Costa	Rank 11
Green Businesses	Rank 12

### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>44,626</b>
<b>Area (Sq Miles)</b>	<b>18.08</b>
<b>Businesses</b>	<b>4,970</b>
<b>Vehicles</b>	<b>32,320</b>
<b>Unemployment</b>	<b>9.9%</b>

### Unique City Highlights:

Joined ICLEI's Cities for Climate Protection Campaign.  
Community group Sustainable Danville Area

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
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Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



## El Cerrito



# Score : 62.7 Rank: 2

### Key Legislative Actions (35%)

**24.40% Achieved**

Climate Emergency	YES
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**9.30% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 4
Solar Megawatts Installed	Rank 18

### Utilities (15%)

**11.50% Achieved**

Diversion Rates Waste	Rank 11
Water Use	Rank 2

### Urban Planning (15%)

**6.30% Achieved**

Electric Vehicle Charging Stations	Rank 8
Open Space	Rank 9
Walkability and Bikeability	Rank 2

### Other Legislative Actions (12.5%)

**6.25% Achieved**

Tree City	YES
Leaf Blower Ban	NO
Civic Spark	YES(2)
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**5.10% Achieved**

Cleaner Contra Costa	Rank 7
Green Businesses	Rank 2

### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>25,593</b>
<b>Area (Sq Miles)</b>	<b>3.67</b>
<b>Businesses</b>	<b>2,853</b>
<b>Vehicles</b>	<b>16,628</b>
<b>Unemployment</b>	<b>12.9%</b>

### Unique City Highlights:

Adopted Urban Forest Plan  
Council Appointed Environmental Quality Committee

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



### Hercules



#### 4CL Scoring System

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#### Census Statistics

<b>Population</b>	<b>25,753</b>
<b>Area (Sq Miles)</b>	<b>19.99</b>
<b>Businesses</b>	<b>1,630</b>
<b>Vehicles</b>	<b>16,717</b>
<b>Unemployment</b>	<b>13.5%</b>

#### Key Legislative Actions (35%)

**0.00% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	NO

#### Energy (15%)

**1.82% Achieved**

Member of MCE	NO
MCE Enrollment	Rank --
Solar Megawatts Installed	Rank 19

#### Utilities (15%)

**10.40% Achieved**

Diversion Rates Waste	Rank 12
Water Use	Rank 4

#### Urban Planning (15%)

**2.17% Achieved**

Electric Vehicle Charging Stations	Rank 19
Open Space	Rank 16
Walkability and Bikeability	Rank 15

#### Other Legislative Actions (12.5%)

**2.50% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	YES
Divestment	NO

#### Community Groups (10%)

**1.45% Achieved**

Cleaner Contra Costa	Rank 10
Green Businesses	Rank 16

#### Unique City Highlights:

Signed the US Mayors Climate Protection Agreement.  
Joined ICLEI's Cities for Climate Protection Campaign.

#### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



## Lafayette



**Score : 44.875 Rank: 10**

### Key Legislative Actions (35%)

**16.25% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**12.60% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 9
Solar Megawatts Installed	Rank 4

### Utilities (15%)

**8.17% Achieved**

Diversion Rates Waste	Rank 9
Water Use	Rank 17

### Urban Planning (15%)

**2.85% Achieved**

Electric Vehicle Charging Stations	Rank 11
Open Space	Rank 17
Walkability and Bikeability	Rank 15

### Other Legislative Actions (12.5%)

**2.50% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**2.50% Achieved**

Cleaner Contra Costa	Rank 6
Green Businesses	Rank 9

### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>26,961</b>
<b>Area (Sq Miles)</b>	<b>15.21</b>
<b>Businesses</b>	<b>3,350</b>
<b>Vehicles</b>	<b>19,018</b>
<b>Unemployment</b>	<b>8.4%</b>

### Unique City Highlights:

Formed the Environmental Strategy Task Force and adopted a mission statement to guide the city towards sustainability.

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
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Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Martinez



### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>38,580</b>
<b>Area (Sq Miles)</b>	<b>13.63</b>
<b>Businesses</b>	<b>3,489</b>
<b>Vehicles</b>	<b>27,704</b>
<b>Unemployment</b>	<b>11.9%</b>

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
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Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Score : 51.5 Rank: 7

### Key Legislative Actions (35%)

**32.50% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**8.70% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 3
Solar Megawatts Installed	Rank 6

### Utilities (15%)

**5.40% Achieved**

Diversion Rates Waste	Rank 19
Water Use	Rank 12

### Urban Planning (15%)

**6.50% Achieved**

Electric Vehicle Charging Stations	Rank 5
Open Space	Rank 5
Walkability and Bikeability	Rank 9

### Other Legislative Actions (12.5%)

**10.00% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	YES(2)
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**3.70% Achieved**

Cleaner Contra Costa	Rank 8
Green Businesses	Rank 5

### Unique City Highlights:

Downtown Specific Environmental Impact Report  
Sustainability Internship Program



## Moraga



**Score : 33.09 Rank: 16**

### Key Legislative Actions (35%)

**8.13% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**10.12% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 8
Solar Megawatts Installed	Rank 14

### Utilities (15%)

**9.62% Achieved**

Diversion Rates Waste	Rank 7
Water Use	Rank 13

### Urban Planning (15%)

**3.35% Achieved**

Electric Vehicle Charging Stations	Rank 16
Open Space	Rank 6
Walkability and Bikeability	Rank 15

### Other Legislative Actions (12.5%)

**0.00% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%)

**2.65% Achieved**

Cleaner Contra Costa	Rank 12
Green Businesses	Rank 11

### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>17,994</b>
<b>Area (Sq Miles)</b>	<b>9.46</b>
<b>Businesses</b>	<b>1,729</b>
<b>Vehicles</b>	<b>11,946</b>
<b>Unemployment</b>	<b>8.6%</b>

### Unique City Highlights:

Signed the US Mayors Climate Protection Agreement

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Oakley



**Score : 36.3 Rank: 15**

### 4CL Scoring System

All data used to produce these rankings; is from existing publicly available information. The only calculations conducted were for ensuring an even comparison between cities of different sizes ( i.e. per capita, etc). We did weigh legislative leadership more heavily than volunteer programs. Some elements have a Yes and No score (i.e. Does the City have a General Plan Update that includes Climate action?) And a city will get all points, or no points. Other elements are Value-based scores (i.e. Setting the highest ranking city to full points and giving the other cities a score based on their percentage of the highest ranking city's Score. Rankings are done out of 20 All references, links, and data are available and fully referenced. This is a work in progress. It is the first effort of this kind. We look forward to your comments. We appreciate your input, feedback and will consider other publicly available data for inclusion.

### Census Statistics

<b>Population</b>	<b>43,991</b>
<b>Area (Sq Miles)</b>	<b>16.17</b>
<b>Businesses</b>	<b>1,905</b>
<b>Vehicles</b>	<b>26,528</b>
<b>Unemployment</b>	<b>14.7%</b>

### Key Legislative Actions (35%)

**8.13% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**11.80% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 14
Solar Megawatts Installed	Rank 20

### Utilities (15%)

**11.80% Achieved**

Diversion Rates Waste	Rank 5
Water Use	Rank 3

### Urban Planning (15%)

**3.10% Achieved**

Electric Vehicle Charging Stations	Rank 20
Open Space	Rank 18
Walkability and Bikeability	Rank 11

### Other Legislative Actions (12.5%)

**0.00% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%)

**1.52% Achieved**

Cleaner Contra Costa	Rank 20
Green Businesses	Rank 13

### Unique City Highlights:

Their Downtown Specific Plan Environmental Impact review contains an element on Climate impacts of the plan and their mitigation.

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



**Score : 27.78 Rank: 17**



## 4CL Scoring System

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## Census Statistics

<b>Population</b>	<b>20,152</b>
<b>Area (Sq Miles)</b>	<b>12.87</b>
<b>Businesses</b>	<b>2,928</b>
<b>Vehicles</b>	<b>15,106</b>
<b>Unemployment</b>	<b>8.1%</b>

## Key Legislative Actions (35%)

**8.13% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	YES

## Energy (15%)

**4.30% Achieved**

Member of MCE	NO
MCE Enrollment	Rank --
Solar Megawatts Installed	Rank 8

## Utilities (15%)

**10.61% Achieved**

Diversion Rates Waste	Rank 2
Water Use	Rank 15

## Urban Planning (15%)

**1.87% Achieved**

Electric Vehicle Charging Stations	Rank 17
Open Space	Rank 20
Walkability and Bikeability	Rank 20

## Other Legislative Actions (12.5%)

**0.89% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	YES(1)
Styrofoam Ban	NO
Divestment	NO

## Community Groups (10%)

**1.57% Achieved**

Cleaner Contra Costa	Rank 14
Green Businesses	Rank 14

## Unique City Highlights:

The Friends of Orinda Creeks works to preserve and protect the creeks around Orinda

## Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



## Pinole



# Score : 42.7 Rank: 12

### Key Legislative Actions (35%) 16.25% Achieved

Climate Emergency	NO
General Plan	YES
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	YES

### Energy (15%) 9.45% Achieved

Member of MCE	YES
MCE Enrollment	Rank 1
Solar Megawatts Installed	Rank 17

### Utilities (15%) 11.00% Achieved

Diversion Rates Waste	Rank 13
Water Use	Rank 3

### Urban Planning (15%) 4.58% Achieved

Electric Vehicle Charging Stations	Rank 14
Open Space	Rank 3
Walkability and Bikeability	Rank 10

### Other Legislative Actions (12.5%) 0.27% Achieved

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	YES(1)
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%) 1.15% Achieved

Cleaner Contra Costa	Rank 18
Green Businesses	Rank 18

### 4CL Scoring System

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### Census Statistics

Population	19,302
Area (Sq Miles)	11.76
Businesses	1,744
Vehicles	12,861
Unemployment	13.2%

### Unique City Highlights:

The City has been recognized by the San Francisco Bay Conservation and Development Commission for incorporating adaptation to Climate Change in their General Plan.

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



## Pittsburg



**Score : 37.895 Rank: 14**

### Key Legislative Actions (35%)

**8.13% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**10.40% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 5
Solar Megawatts Installed	Rank 19

### Utilities (15%)

**7.76% Achieved**

Diversion Rates Waste	Rank 20
Water Use	Rank 5

### Urban Planning (15%)

**3.67% Achieved**

Electric Vehicle Charging Stations	Rank 12
Open Space	Rank 12
Walkability and Bikeability	Rank 10

### Other Legislative Actions (12.5%)

**6.16% Achieved**

Tree City	YES
Leaf Blower Ban	NO
Civic Spark	YES(2)
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**1.79% Achieved**

Cleaner Contra Costa	Rank 19
Green Businesses	Rank 10

### 4CL Scoring System

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### Census Statistics

Population	74,769
Area (Sq Miles)	19.71
Businesses	4,367
Vehicles	40,742
Unemployment	16.7%

### Unique City Highlights:

Achieved a Gold Spotlight Award for the Institute for Local Government's Environmental Best Practices

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Pleasant Hill



### 4CL Scoring System

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### Census Statistics

Population	34,905
Area (Sq Miles)	7.08
Businesses	3,803
Vehicles	24,972
Unemployment	11.8%

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Score : 23.8 Rank: 18

### Key Legislative Actions (35%) 0.00% Achieved

Climate Emergency	NO
General Plan	NO
Climate Action Plan	NO
Greenhouse Gas Inventory and Plan	NO

### Energy (15%) 4.40% Achieved

Member of MCE	NO
MCE Enrollment	Rank --
Solar Megawatts Installed	Rank 7

### Utilities (15%) 8.97% Achieved

Diversion Rates Waste	Rank 14
Water Use	Rank 11

### Urban Planning (15%) 6.07% Achieved

Electric Vehicle Charging Stations	Rank 4
Open Space	Rank 20
Walkability and Bikeability	Rank 3

### Other Legislative Actions (12.5%) 0.00% Achieved

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%) 4.34% Achieved

Cleaner Contra Costa	Rank 4
Green Businesses	Rank 3

### Unique City Highlights:

Green Pleasant Hill is a council run sustainability group in the city. This program provides support for all aspects of environmental awareness and community involvement for Pleasant Hill



## RICHMOND



### 4CL Scoring System

All data used to produce these rankings are from existing publicly available information. The only calculations conducted are to ensure an even comparison between cities of different sizes ( i.e. per capita, etc). Legislative leadership is weighed more heavily than are volunteer programs. Some elements have a Yes or No score (i.e. Does the city have a General Plan Update which includes climate action?) and a city gets all the points or no points. Other elements are value-based scores (i.e. setting the highest ranking city to full points and giving the other cities a score based on their percentage of the highest ranking city's score.) Rankings are out of 20. All references, links, and data are fully referenced and available. This is a work in progress. It is the first effort of this kind. We look forward to your comments. We appreciate your input and feedback and will consider other publicly available data for inclusion.

### Census Statistics

Population	110,414
Area (Sq Miles)	52.21
Businesses	7,656
Vehicles	62,370
Unemployment	16.1%

# Score : 69.8 Rank: 1

### Key Legislative Actions (35%)

32.50% Achieved

- Climate Emergency YES
- General Plan YES
- Climate Action Plan YES
- Greenhouse Gas Inventory and Plan YES

### Energy (15%)

8.70% Achieved

- Member of MCE YES
- MCE Enrollment and Deep Green Rank 13
- Solar Megawatts Installed Rank 15

### Utilities (15%)

7.70% Achieved

- Diversion Rates Waste Rank 15
- Water use Rank 16

### Urban Planning (15%)

6.50% Achieved

- Electric Vehicle Charging Stations Rank 6
- Open Space Rank 9
- Walkability and Bikeability Rank 4

### Other Legislative Actions (12.5%)

10.00% Achieved

- Tree City YES
- Leaf Blower Ban NO
- Civic Spark YES
- Styrofoam Ban YES
- Divestment YES

### Community Groups (10%)

3.70% Achieved

- County climate challenge Rank 5
- Green Businesses Rank 6

### Unique City Highlights:

Mayor has signed the 2016 Paris Agreement

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
 Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
 Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
 Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



### San Pablo



#### 4CL Scoring System

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#### Census Statistics

<b>Population</b>	<b>31,258</b>
<b>Area (Sq Miles)</b>	<b>2.62</b>
<b>Businesses</b>	<b>1,773</b>
<b>Vehicles</b>	<b>15,686</b>
<b>Unemployment</b>	<b>16.9%</b>

#### Key Legislative Actions (35%)

**24.38% Achieved**

Climate Emergency	NO
General Plan	YES
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

#### Energy (15%)

**8.59% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 12
Solar Megawatts Installed	Rank 20

#### Utilities (15%)

**12.20% Achieved**

Diversion Rates Waste	Rank 16
Water use	Rank 1

#### Urban Planning (15%)

**6.19% Achieved**

Electric Vehicle Charging Stations	Rank 3
Open Space	Rank 19
Walkability and Bikeability	Rank 4

#### Other Legislative Actions (12.5%)

**3.90% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	YES(3)
Styrofoam Ban	YES
Divestment	NO

#### Community Groups (10%)

**3.87% Achieved**

Cleaner Contra Costa	Rank 16
Green Businesses	Rank 4

#### Unique City Highlights:

San Pablo SPAWNERS work to clean up the San Pablo creeks and meets weekly while hosting special event days.

#### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
 Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
 Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
 Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>





## San Ramon

**Score : 54.04 Rank: 5**



### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>75,945</b>
<b>Area (Sq Miles)</b>	<b>18.72</b>
<b>Businesses</b>	<b>7,423</b>
<b>Vehicles</b>	<b>50,130</b>
<b>Unemployment</b>	<b>10.7%</b>

### Key Legislative Actions (35%)

**24.38% Achieved**

Climate Emergency	NO
General Plan	YES
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**11.30% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 6
Solar Megawatts Installed	Rank 11

### Utilities (15%)

**9.56% Achieved**

Diversion Rates Waste	Rank 10
Water Use	Rank 7

### Urban Planning (15%)

**6.11% Achieved**

Electric Vehicle Charging Stations	Rank 2
Open Space	Rank 13
Walkability and Bikeability	Rank 14

### Other Legislative Actions (12.5%)

**0.00% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	NO
Styrofoam Ban	NO
Divestment	NO

### Community Groups (10%)

**2.65% Achieved**

Cleaner Contra Costa	Rank 9
Green Businesses	Rank 8

### Unique City Highlights:

Sustainable San Ramon is a community-based non-profit organization promoting sustainable living and providing resources for residents of San Ramon.

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>



## Walnut Creek



### 4CL Scoring System

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### Census Statistics

<b>Population</b>	<b>70,569</b>
<b>Area (Sq Miles)</b>	<b>19.77</b>
<b>Businesses</b>	<b>9,270</b>
<b>Vehicles</b>	<b>49,572</b>
<b>Unemployment</b>	<b>10.4%</b>

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
 Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contracosta-county-scorecard/>  
 Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
 Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Score : 59.5 Rank: 3

### Key Legislative Actions (35%)

**24.40% Achieved**

Climate Emergency	NO
General Plan	NO
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	YES

### Energy (15%)

**9.30% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 11
Solar Megawatts Installed	Rank 16

### Utilities (15%)

**11.50% Achieved**

Diversion Rates Waste	Rank 17
Water Use	Rank 10

### Urban Planning (15%)

**6.30% Achieved**

Electric Vehicle Charging Stations	Rank 1
Open Space	Rank 1
Walkability and Bikeability	Rank 7

### Other Legislative Actions (12.5%)

**6.25% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	YES(3)
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**5.10% Achieved**

Cleaner Contra Costa	Rank 2
Green Businesses	Rank 1

### Unique City Highlights:

Joined ICLEI's Cities for Climate Protection Campaign  
 Local Group Sustainable Walnut Creek



## Uninc. CCC



### 4CL Scoring System

All data used to produce these rankings are from existing publicly available information. The only calculations conducted are to ensure an even comparison between cities of different sizes ( i.e. per capita, etc). Legislative leadership is weighed more heavily than are volunteer programs. Some elements have a Yes or No score (i.e. Does the city have a General Plan Update which includes climate action?) and a city gets all the points or no points. Other elements are value-based scores (i.e. setting the highest ranking city to full points and giving the other cities a score based on their percentage of the highest ranking city's score.) Rankings are out of 20. All references, links, and data are fully referenced and available. This is a work in progress. It is the first effort of this kind. We look forward to your comments. We appreciate your input and feedback and will consider other publicly available data for inclusion.

### Census Statistics

<b>Population</b>	<b>240,876</b>
<b>Area (Sq Miles)</b>	<b>503.62</b>
<b>Businesses</b>	<b>12,245</b>
<b>Vehicles</b>	<b>122,386</b>
<b>Unemployment</b>	<b>11.1%</b>

### Sources

American Community Survey 2019 Accessed September 17, 2020. <https://www.census.gov/data/data-tools.html>  
Scorecard « Contra Costa County Climate Leaders. Retrieved September 17, 2020 <https://cccclimateleaders.org/home/contra-costa-county-scorecard/>  
Official References. « Contra Costa County Climate Leaders [https://cccclimateleaders.org/?page\\_id=3428&preview=true](https://cccclimateleaders.org/?page_id=3428&preview=true)  
Contra Costa County, CA Official Website. (n.d.). Retrieved September 17, 2020, from <https://www.contracosta.ca.gov/1818/GIS>

## Score : 53.9 Rank: 6

### Key Legislative Actions (35%)

**24.38% Achieved**

Climate Emergency	YES
General Plan	YES
Climate Action Plan	YES
Greenhouse Gas Inventory and Plan	NO

### Energy (15%)

**11.70% Achieved**

Member of MCE	YES
MCE Enrollment	Rank 10
Solar Megawatts Installed	Rank 9

### Utilities (15%)

**9.33% Achieved**

Diversion Rates Waste	Rank 1
Water Use	Rank 20

### Urban Planning (15%)

**3.26% Achieved**

Electric Vehicle Charging Stations	Rank 18
Open Space	Rank 4
Walkability and Bikeability	Rank 15

### Other Legislative Actions (12.5%)

**3.93% Achieved**

Tree City	NO
Leaf Blower Ban	NO
Civic Spark	YES(3)
Styrofoam Ban	YES
Divestment	NO

### Community Groups (10%)

**1.33% Achieved**

Cleaner Contra Costa	Rank 15
Green Businesses	Rank 17

### Unique City Highlights:

Adopted the U.S. Cool Counties Climate Stabilization Declaration

# Conclusion

We provide all resources and links to the information utilized in this report in the attached Appendix.

Rankings and friendly competitions can prove particularly effective when combined with a sharing of best practices on policies that cities around the world are adopting to draw down our carbon emissions. This is a first annual effort and we recognize there are other measurable policy opportunities. We seek input and recommendations for improving this report next year!

Thank you in advance for your participation.

Our local governments are already seeing the deadly effects of climate change at just over 1°C of warming: stronger and more frequent drought, wildfires, storms, and atmospheric rivers. The consequences of climate change pose risks to life, safety and critical infrastructure in our communities and throughout the world. Threatening physical, social and economic well-being: heat related deaths, degradation of water quality, erosion, landslides, sinkholes, increase in insurance costs and more!

We encourage each city to follow the leadership of the city of Richmond, and pass a Declaration of Climate Emergency in 2021.

Join the city of Martinez:

*"We are proud to be ranked in the top half of all cities in the County and at the same time realize we have a great chance to improve our scores and put some pressure on those cities at the top! We gladly accept the challenge issued by Richmond's Mayor Tom Butt. Martinez agrees to discuss and consider the passage of a Declaration of Climate Emergency on a public meeting agenda in 2021".*

**- Mayor Rob Schroder, City of Martinez**

For interactive maps, links and details please visit:  
[www.cccclimateleaders.org](http://www.cccclimateleaders.org)

And for questions and more info please contact :  
[info@cccclimateleaders.org](mailto:info@cccclimateleaders.org)

# Appendix

## Methodology of Data Collection and Procurement

All data in this report was collected from publicly available sources. Attached are references and links to all data collected. The data was divided into six (6) key sections and each element within each section was ranked and scored according to the following:

### I. **Key Legislative Actions:** Worth 32.5 percent of total score

This information was collected and published in a report dated August 2020. All details were obtained through inquiries, interviews and Internet research. Four (4) elements were identified and each element received a score based on Yes/No criteria. There is 100 percent of possible points or zero percent of possible points.

- [Climate Emergency](#)
- [General Plan](#)
- [Climate Action Plan](#)
- [Greenhouse gas inventory and Plan](#)

### II. **Urban Planning:** Worth 15 percent of the total score

This existing and publicly available data is collected from the Alternative Fuels Data Center, the California Protected Areas Database, and WalkScore.com. Scores are first normalized to account for the size of the city. The score for each city was then determined by assigning the lead city 100 percent of total points; and calculating the other cities scores based on the percent of the leading city's criteria their city has.

- [EV Charging Stations](#)
- [Open Space](#)
- [Walk and Bikeability](#)

### III. **Community Actions:** Worth 15 percent of the total score

This existing and publicly available data was collected from Contra Costa County and Sustainable Contra Costa County. Scores are first normalized to account for the size of the city. The score for each city was then determined by assigning the lead city 100 percent of total points; and calculating the other cities scores based on the percent of the leading city's criteria their city has.

- [Green Business](#)
- [Cleaner Contra Costa Challenge](#)

### IV. **Energy:** Worth 15 percent of the total score

This existing and publicly available data was collected from MCE and PG&E. Scores are first normalized to account for the size of the city. The score for Solar Megawatts for each city was then determined by assigning the lead city 100 percent of total points; and calculating the other cities scores based on the percent of the leading city's criteria their city has. Half of the MCE Score (50%) is based on Yes/No criteria; whether or not a city offers an alternative Energy Provider in their city. There is 100 percent of possible points or zero percent of possible points. The other 50% of the MCE score is assigned based on the percent of community participation in opting up to 100% Renewable Energy. The score was determined



by assigning the lead city 100 percent of total points; and calculating the other cities scores based on the percent of the leading city's criteria their city has.

- [Solar Megawatts Installed](#)
- [MCE Enrollment and Participation Rate](#)

**V. Utilities:** Worth 15 percent of the total score

This existing and publicly available data was collected from State of California Calrecycle, and the individual waste management companies. And from the State of California WaterBoard, and the individual water companies serving Contra Costa County. The score was determined by assigning the lead city 100 percent of total points; and calculating the other cities scores based on the percent of the leading city's criteria their city has.

- [Waste Diversion Rate](#)
- [Water Use](#)

**VI. Other Legislative Actions:** Worth 32.5 percent of total score

Policy details on TreeCity, Styrofoam, Leaf Blowers and Divestment were obtained through inquiries, interviews and Internet research. Each element received a score based on Yes/No criteria. There is 100 percent of possible points or zero percent of possible points. In addition, publicly available data was collected from Tree City USA, and Civic Spark. Half of the CivicSpark Score (50%) is based on Yes/No criteria; whether or not a city has hosted/hired a Climate Fellow in their city. The other 50% of the Civic Spark score is assigned based on how many Civic Spark interns the city has hired in the past, the score was determined by assigning the lead city 100 percent of total points; and calculating the other cities scores based on the percent of the leading city's criteria their city has.

- [Tree City](#)
- [Styrofoam Ban](#)
- [Leaf Blower Ban](#)
- [Divestment](#)
- [Civic Spark](#)

# REFERENCES LIST (in the order that they appear in the report)

## Key Legislative Actions:

Status of General Plans in Contra Costa County  
August 2020, from [https://cccclimateleaders.org/wp-content/uploads/2020/12/GP-White-Paper-FINAL\\_June2020\\_08.17.20-v1.pdf](https://cccclimateleaders.org/wp-content/uploads/2020/12/GP-White-Paper-FINAL_June2020_08.17.20-v1.pdf)

## Electric Vehicles:

Alternative Fuels Data Center: Alternative Fueling Station Locator. (n.d.). Retrieved September 30, 2020, from <https://afdc.energy.gov/stations/#/find/nearest>

## Open Space

California Protected Areas Database : (n.d.). Retrieved September 30, 2020, from <https://www.calands.org/>

## CivicSpark

CivicSpark – building capacity for local governments to address resilience challenges. (n.d.). CivicSpark.  
Retrieved October 30, 2020, from <https://civicspark.lgc.org/>

## Divestment

Divestment | Contra Costa County Climate Leaders. (n.d.). Retrieved October 30, 2020, from <https://cccclimateleaders.org/issue-of-the-month/divestment/>

## Walk/Bike Score

Find Apartments for Rent and Rentals—Get Your Walk Score. (n.d.). Walk Score. Retrieved September 30, 2020, from <https://www.walkscore.com/>

## Green Businesses

Homepage. (n.d.). California Green Business Network. Retrieved September 30, 2020, from <https://greenbusinessca.org/ContraCostaCounty>

## Disposal Rates

Jurisdiction Review Reports. (n.d.). Retrieved September 30, 2020, from <https://www2.calrecycle.ca.gov/LGCentral/AnnualReporting/ReviewReports/PerCapitaDisposalTrends>

## Marin County Energy

Key MCE Documents and Financial Statements. (n.d.). MCE Community Choice Energy. Retrieved September 30, 2020, from <https://www.mcecleanenergy.org/key-documents/>

## Cleaner Contra Costa

My community | Cleaner Contra Costa Challenge. (n.d.). Retrieved August 30, 2020, from <https://cleanercontracosta.org/my-community#modal-city-rank>

## Solar Installations

PG&E, Pacific Gas and Electric—Gas and power company for California. (n.d.). Retrieved September 30, 2020, from <https://www.pge.com/> Individuals: Plano, Larsen van Tijen, Michelle

## Styrofoam Ban

Polystyrene (Styrofoam) Ordinance | Contra Costa County Climate Leaders. (n.d.). Retrieved September 30, 2020, from <https://cccclimateleaders.org/issue-of-the-month/polystyrene-styrofoam-ordinance/>

## Tree City

Tree City USA - The Arbor Day Foundation. (n.d.). Retrieved September 30, 2020, from <https://www.arborday.org/programs/treecityusa/>

## General Statistics

U.S. Census Bureau QuickFacts: Contra Costa County, California; Walnut Creek city, California. (n.d.). Retrieved August 30, 2020, from <https://www.census.gov/quickfacts/fact/table/contracostacountycalifornia,walnutcreekcitycalifornia/SBO001212>

## Water Use

Water Conservation Portal—Conservation Reporting | California State Water Resources Control Board. (n.d.). Retrieved November 30, 2020, from [https://www.waterboards.ca.gov/water\\_issues/programs/conservation\\_portal/conservation\\_reporting.html](https://www.waterboards.ca.gov/water_issues/programs/conservation_portal/conservation_reporting.html)  
Individuals: Jennifer Allen; Marielle Pinheiro; Paul Shubert; Rolando Gonzalez;

## Tools

In order to *process* and *format* the data multiple data tools were used including:

### Tableau

Please View our Tableau Public Page to access interactive versions of all of our charts!

<https://public.tableau.com/profile/andrew5577#!/?newProfile=&activeTab=0>

### Python

Jupyter Notebooks available upon request

Van Rossum, G., & Drake, F. L. (2009). *Python 3 Reference Manual*. Scotts Valley, CA: CreateSpace.

### Excel

Small Calculations in sheet performed

Available upon request

Microsoft Corporation. (2018). *Microsoft Excel*. Retrieved from <https://office.microsoft.com/excel>

## Disclaimers

**Water:** The water data used includes all potable water use within a city boundary. Both residential and commercial. When you divide by 365 days in a year, you get a better picture of water usage with East of the Hills using 4 to 5 more times water. East of the Hills tend to have bigger lots, lots of lawn, and more amenities like pools which will increase water use. Leaks are part of the total overall use and many people/ companies don't pay attention to their water use or to leaks on their properties. A better snapshot to consider in the future, might be to sort by category (Single Family (SF), Multi Family (MF), and Commercial (CII). Where Single Family would be 50+ gallons per person per day (indoor) and CII (if it is an office environment) would be 10 to 12 gallons per day. Note also that the water use data provided doesn't include recycled water. This is likely why Richmond, where Chevron resides, might seem low. Chevron is the biggest user of recycled water, and so their potable water use doesn't impact the total water use for the City of Richmond.

**MCE:** The data on MCE was made readily and publicly available. PG&E was not responsive, or were unable to provide data on their renewable energy programs on a per city basis. In the future, PG&E might opt to assist us in collecting information and we would have the option of sharing a score passed on participation in the PG&E solar choice program.

**Electric Vehicle Charging Stations:** It is important to note that some cities have all of their EV Chargers powered by 100% Renewable energy. Also some cities have free EV charging, and others have stations that charge for the energy. These factors were not included at this time. In the future, we may want to give cities extra points for 100% Renewable Free Public Chargers.

**Other:** This is the first annual report of this kind. We welcome input and partners to help with collecting and sharing data for future draft reports!

We recognize that the information chosen to track a city's progress on policy to address the climate crisis will vary greatly and might be better tracked if we could include elements that address the greater sources of Greenhouse gas emissions; such as: Transportation!

The real goal of this first draft report is to challenge local government to think about how we are moving forward to address the climate crisis to lower greenhouse gas emissions. What best practices might we adopt from our neighboring elected officials to help ensure a sustainable future for our communities?

We encourage all of the Climate Leaders in our county (advocates, Nonprofits, city staff, and elected officials), to use this report to engage in discussion, include some fun banter and challenges amongst yourselves. Let us identify creative ways to increase the standing of and the scores of all of our cities!