

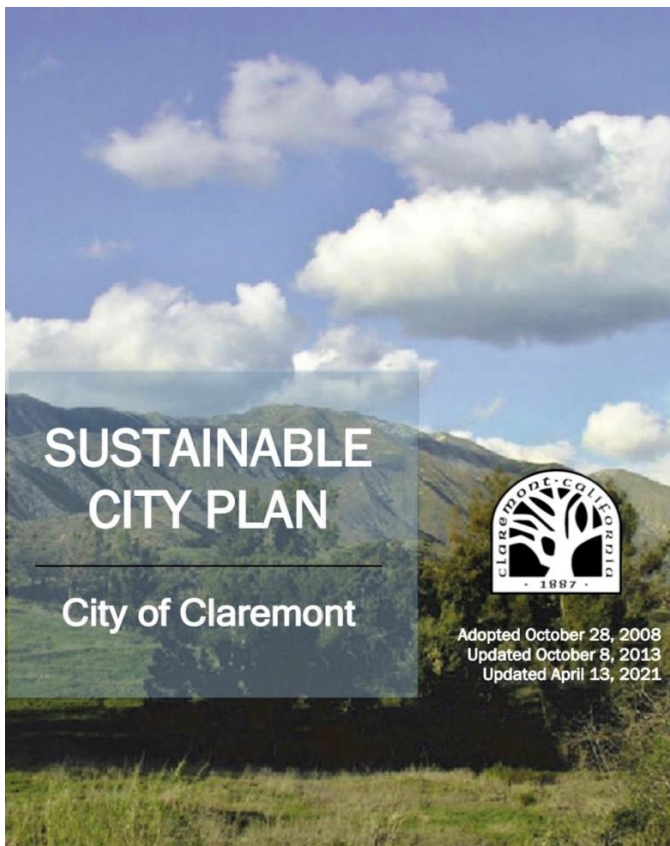


# City of Claremont Sustainability Annual Report 2019 - 2020



# Purpose of Report

The City of Claremont's Sustainable City Plan is a living document, providing a continuous guide for both municipal and community efforts. Annual reports allow us to determine, in as close to real time as possible, if we are meeting our goals and if any changes to the Plan are needed. The report assesses which of the previous year's targets we have met and which we have not, and identifies problems and highlights major accomplishments in each Goal Area during the year.



*Claremont Sustainable City Plan – Adopted April 2021*

This is the first report created after the updated Plan was approved in April 2021 and the first Annual Report since 2014.

The updated Plan created a set of indicators with baseline data and targets for the next year. The baseline data collected were mostly from Calendar Year 2018, although some data for 2019 and 2020 were included as the Sustainability Committee looked for numbers relevant to the different areas.

To evaluate progress for each Goal Area, this report tracks each indicator, comparing baseline data from the updated Plan to updated metrics from Calendar Years 2019 and 2020.

In 2020, COVID-19 pandemic-related restrictions affected the ability to reach some of the indicator targets.

## **Form of the Report**

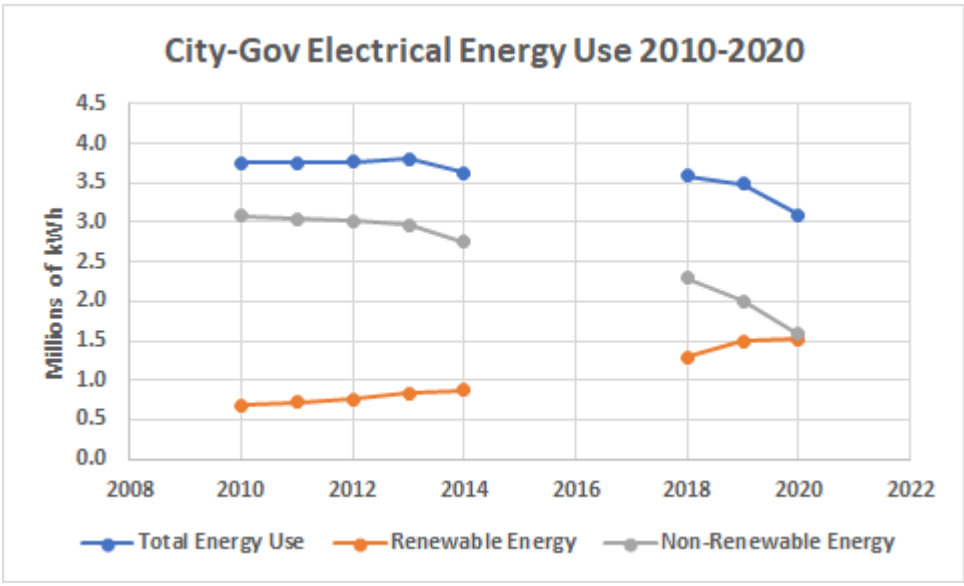
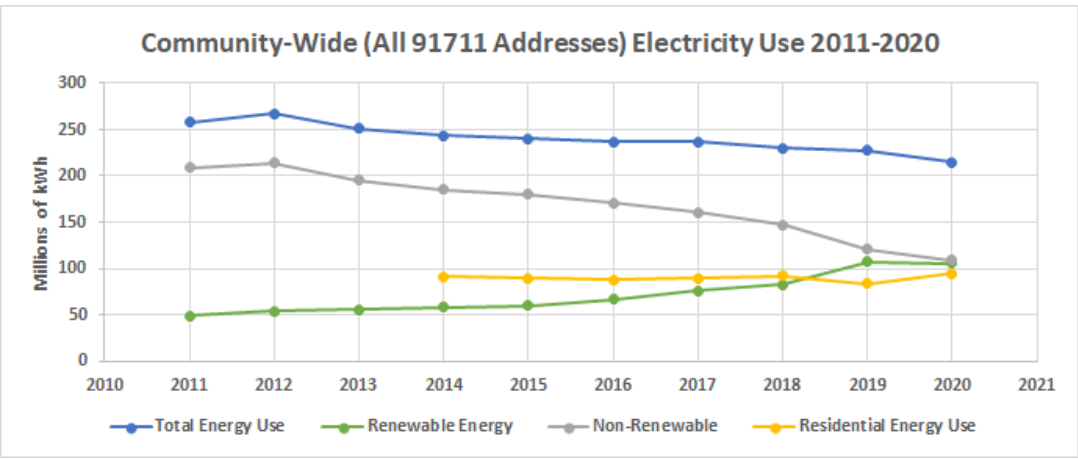
There is a section in this report for each of the seven Goal Areas. Each section contains summary statements regarding how well the targets were reached, along with a list of notable accomplishments in that area. At the end of the report, there is an appendix which includes the indicator table for each of the Goal Areas. Each indicator table lists baseline data from 2018, targets, and updated metrics from the 2019 and 2020 calendar years.

# Goal Area 1: Resource Conservation

## Notes on the Targets

### Energy / Electricity

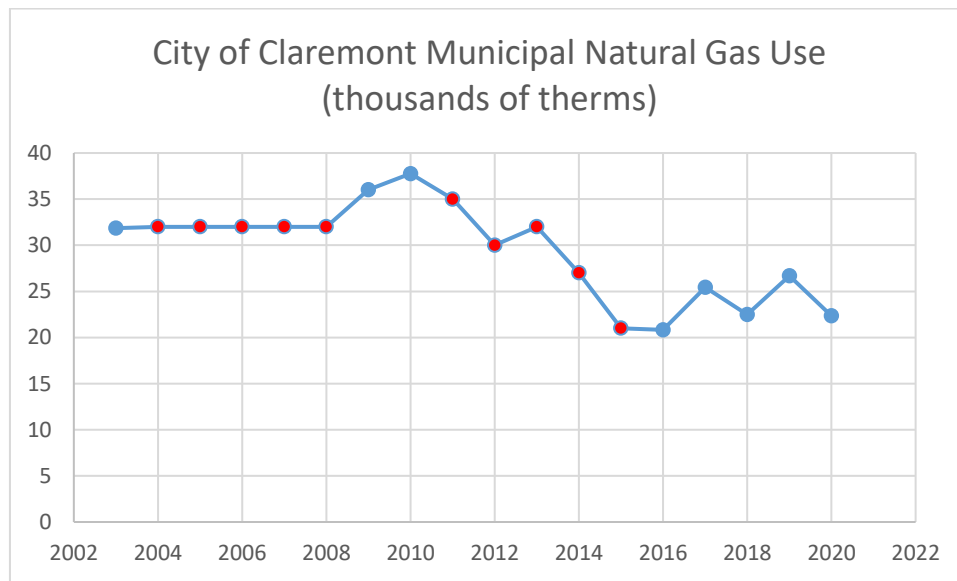
- The City and community exceeded targets for reducing electricity use and increasing renewable sources of electricity.





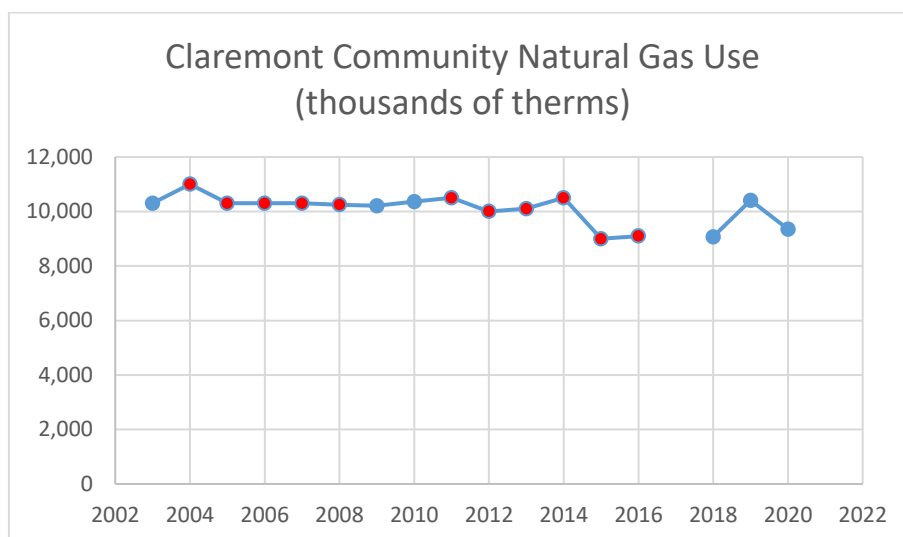
## Natural Gas

- Natural gas usage was largely flat between 2018 and 2020, with typical annual variation due to weather conditions.
  - City of Claremont municipal use (City-Gov) shows an overall downward trajectory of natural gas usage since 2003, when data tracking began.



Red indicates data entered based on graphs in prior Sustainability Report Cards.  
Blue indicates data plotted based upon available, numeric data.

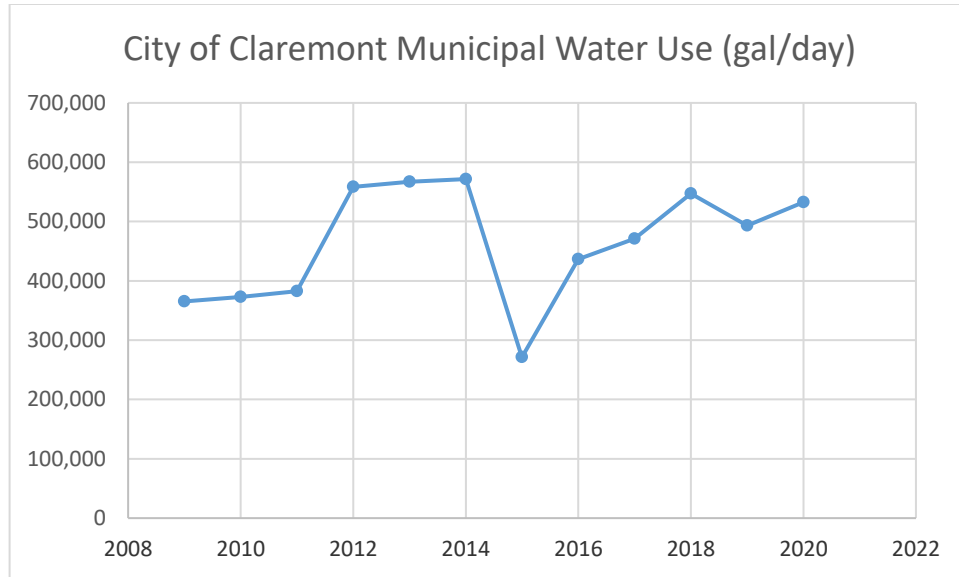
- The Claremont community (all accounts in 91711) shows stable usage since 2003, with slight reductions starting in 2015, which continue to be subject to seasonable variations due to weather.



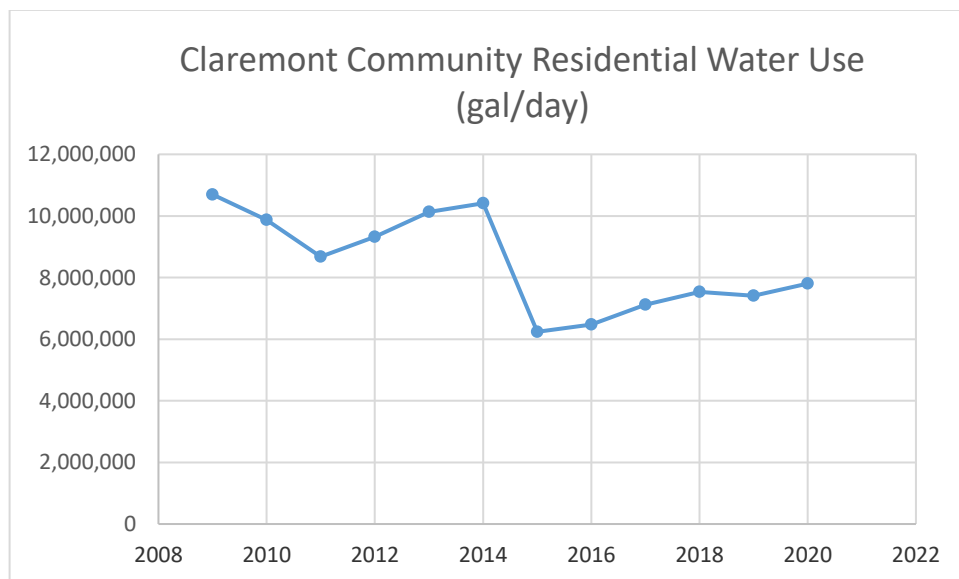
Red indicates data entered based on graphs in Sustainability Report Cards.  
Blue indicates data plotted based upon available, numeric data.

## Water

- Potable water use by the City’s municipal accounts was down slightly in 2019 and 2020, when compared to the 2018 baseline. Overall usage is slightly reduced from 2012–2014 levels. The City restricted water usage in parks in 2009, 2010, 2011, and 2015 and conditions deteriorated and no longer met standards. Water use is now managed with the goal of maintaining trees and landscaped areas utilizing the minimum water necessary. The City has also pursued extensive turf removal projects since 2015, resulting in slightly lower water usage in 2017 – 2020 than in 2012 – 2014.



- Community usage remained consistent with historic averages. The 2015 drought resulted in many water efficiency improvement projects, including a shift towards water-wise landscaping, which has reduced community water usage when compared to the years preceding the drought.



## **Solid Waste and Recycling**

- Solid waste generation was mostly consistent with 2018 baselines, with expected annual fluctuations consistent with historic levels.
  - Recycling decreased in 2020 due to the temporary recycling facility closure at the start of the COVID-19 pandemic.
  - Greenwaste diversion increased significantly in 2020, likely due to the pandemic-related stay-at-home orders and more focus on home-based activities, such as gardening.
  - Commercial food waste diversion decreased in 2020 due to pandemic-related business and school closures.



*City of Claremont*

*Sanitation Truck*

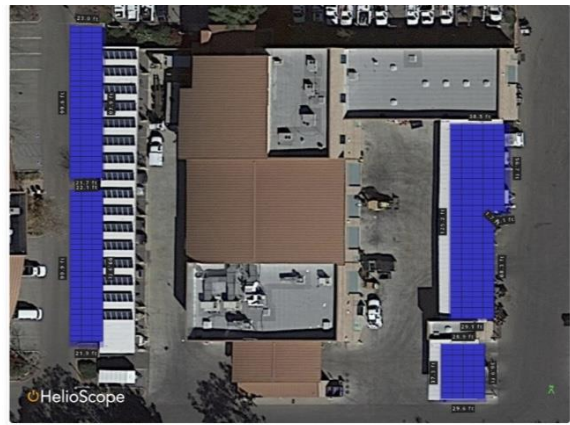
## **Notable Accomplishments**

- The City of Claremont joined Clean Power Alliance in 2019 and made a significant shift towards renewable energy sources.
  - The City of Claremont and Claremont community significantly shifted electricity use towards renewable sources between 2018 and 2020 because of the City's decision to join the Clean Power Alliance in 2019, providing options for more renewable power blends. Electricity from renewable sources increased from 36% of total electricity use in 2018 to 49% in 2020. Likewise, electricity from non-renewable sources decreased from 64% in 2018 to 51% in 2020.



## Notable Accomplishments (continued)

- The City of Claremont acquired approximately 1,000 streetlights from Southern California Edison in 2019 and converted them to LED, resulting in decreased energy consumption.
  - The City of Claremont decreased electricity consumption from 3,586,645 kWh in 2018 to 3,096,134 kWh in 2020, a 14% decrease. The reduction is attributable to the 2019 Streetlight Acquisition and LED Conversion Project and pandemic-related building closures.
- In 2019 and 2020, the City of Claremont collaborated with Trane, Inc. to develop a Comprehensive Facility Energy Improvement Project, which will be brought before the City Council in 2021. The project will further decrease the City's municipal electricity usage. The proposed project scope includes converting facility lighting to LED and installation at various City facilities of energy efficient HVAC units, smart lighting and HVAC controls, two cool roofs, and solar photovoltaic panels with battery backup.
- The City of Claremont solicited bids for organic material composting services, preparing to launch a commingled green waste/food waste collection program for all Claremont customers.
- The City of Claremont reduced gasoline used by City vehicles by more than 8% in 2019 and 2020, exceeding the 2% target.
- The City of Claremont continued with turf removal projects, replacing turf at Cahuilla Park, Jaeger Park, and Lewis Park with water-wise plantings and cobble swales.



*Comprehensive Energy Efficiency Improvement Project  
Proposed Solar Installations at Alexander Hughes Community Center and City Yard*

## Goal Area 2: Environmental Public Health

### Notes on the Targets

- The City's prescription drug take-back program was not available in 2020 due to pandemic-related facility closures.
- Local agriculture metrics remained relatively unchanged in 2019 and 2020.
- Educational efforts related to environmental public health and locally-grown/healthy foods increased.

### Notable Accomplishments:

- The City of Claremont reduced chemicals in its hazardous materials inventory by nearly 10%.
- The City of Claremont increased the amount of electronic waste collected in 2019 and 2020.
- There was an increased number of education articles/events related to environmental public health.



*Community Farm – Uncommon Good*



## Goal Area 3: Transportation

### Notes on the Targets

- Pedestrian, micro-mobility, and congestion reduction metrics remained consistent from 2018 to 2020.
- Transit ridership on Claremont Dial-a-Ride and Foothill Transit decreased in 2020 due to the COVID-19 pandemic.
- Caltrans freeway data is for most recent years available (2012, 2014, and 2017)

### Notable Accomplishments

- The City of Claremont completed the Foothill Boulevard Master Plan Improvement Project in 2019, adding new bike lanes and pedestrian features.
- The City of Claremont began planning improvements to Towne Avenue, including pedestrian and bicycle improvements.
- The City of Claremont installed three new dual-port electric vehicle charging stations in the Village in 2019.
- The City Council supported designating Foothill Boulevard as “U.S. Bicycle Route 66 through the City of Claremont.”



*Foothill Boulevard Bike Lane*

## Goal Area 4: Sustainable Built Environment

### Notes on Targets

- No Zero Net Energy facility construction occurred between 2018 and 2020; however, progress on these metrics is anticipated beginning in 2021.

### Notable Accomplishments

- In 2020, the City of Claremont installed air scrubbers at City Hall, the Joslyn Center, the Alexander Hughes Community Center, the City Yard, and the Youth Activity Center to improve indoor air quality.
- In 2019 and 2020, the City of Claremont collaborated with Trane, Inc. to develop a Comprehensive Facility Energy Improvement Project, which will be brought before the City Council in 2021.
- The City of Claremont continued to pursue turf removal projects at Cahuilla Park, Jaeger Park, and Lewis Park
- The City of Claremont issued 161 solar permits in 2020, producing a total of 1286.49 KW



*Cahuilla Park Turf Removal and Water-Wise Landscaping*

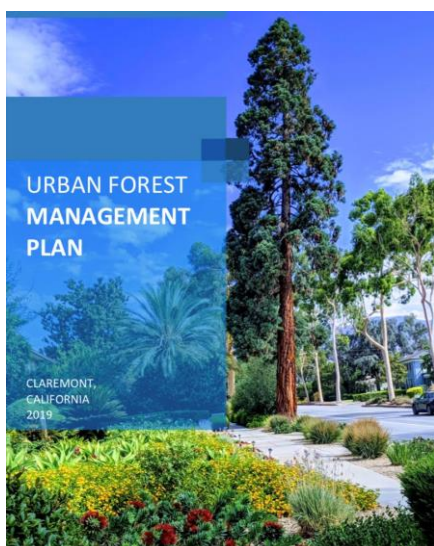
## Goal Area 5: Open Space and Biodiversity

### Notes on the Targets

- A number of targets, such as those involving volunteers at the Bernard Field Station and the Claremont Hills Wilderness Park, required actions made difficult or impossible by restrictions and best practices related to the pandemic. Once conditions are back to normal, these targets are more likely to be met.
- Although no new demonstration gardens were created, or plants labeled (5.2.2), the Garden Club developed plans for two gardens as part of an “Ecological Walk” along the frontage of the Bernard Field Station. Installation of these gardens will begin in Fall of 2021 or Spring 2022.
- Two targets related to the urban forest (5.4.1 and 5.4.4) are still waiting for the tree canopy assessment data.

### Notable Accomplishments

- The Sustainability Committee created indicators related to biodiversity.
- The Sustainability Committee created a baseline data set related to native organisms.
- The City of Claremont acquired 20 acres of natural open space to add to the Claremont Hills Wilderness Park.
- The City of Claremont completed the Urban Forest Management Plan.
- The City of Claremont updated the City tree inventory.



*Urban Forest Management Plan*



*Claremont Hills Wilderness Park*



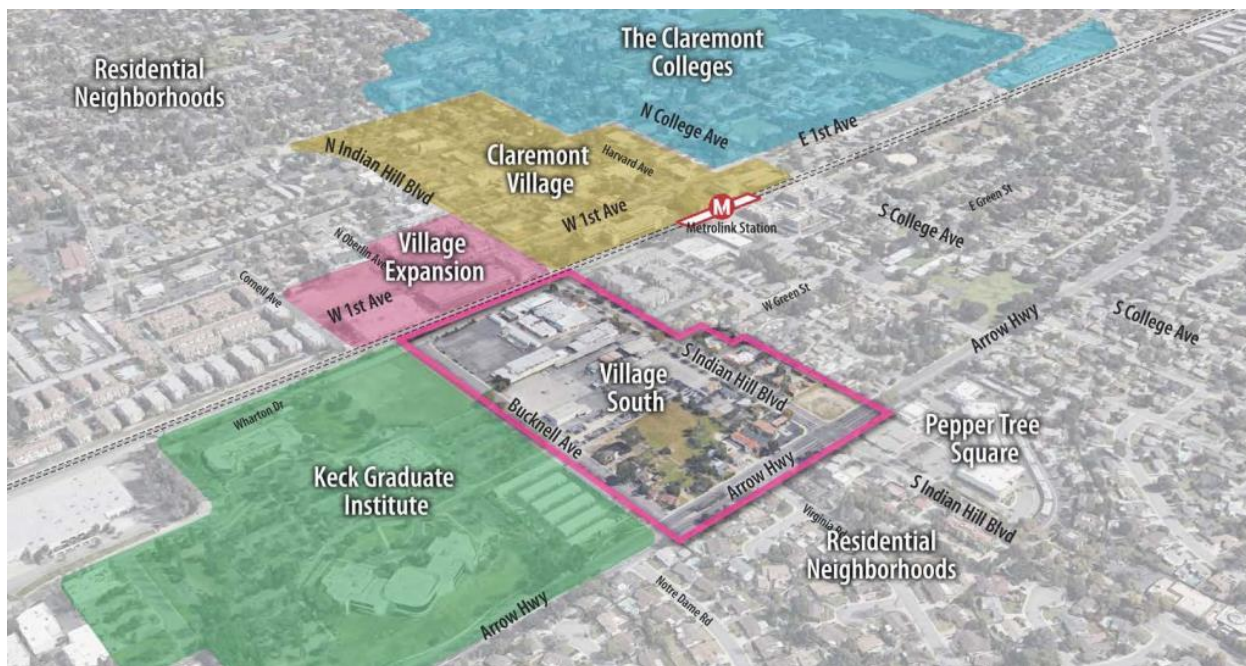
# Goal Area 6: Housing and Economic Development

## Notes on the Targets

- A total of 12 new very-low to moderate-cost housing units were added in 2020. Additional work is needed to meet new, State targets for affordable housing construction.
- The City received 30 applications for ADUs in 2020.
- Sources of sales tax shifted during the COVID-19 pandemic, with more sales tax generated through auto sales and County pools for online sales, and reductions in restaurants and hotels, fuel and service stations, and consumer goods.
- A map showing distribution of affordable housing is in process and will be made available in future Annual Reports.

## Notable Accomplishments

- In 2020, the City Council adopted the Village South Specific Plan. The project will include housing and economic development.



Village South Specific Plan – Adopted 2020



# Goal Area 7: Public Outreach and Education

## Notes on the Targets

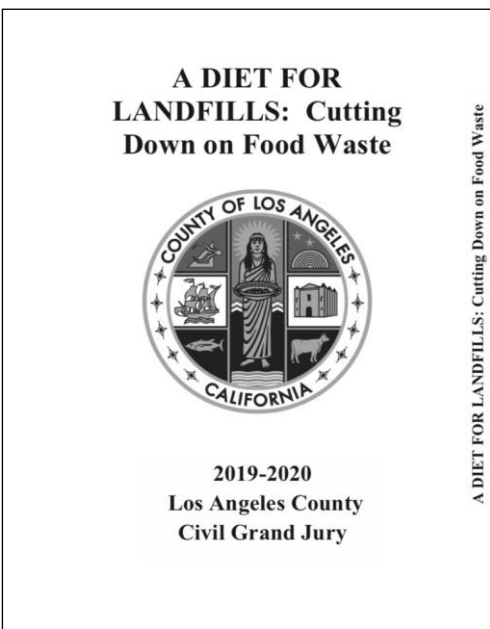
- The City met or exceeded the information and advocacy targets, hosting regular Sustainability Committee meetings and preparing the Annual Report.
- Visits to the City’s Sustainability page and Sustainable Claremont’s website fluctuated near the historical averages but did not increase consistently year over year.
- The Claremont Garden Club increased its mailing list and website visits in 2020.
- The number of public talks regarding sustainability decreased in 2020 due to pandemic-related restrictions.
- All City Letters and City Manager’s Weekly Updates contained information regarding sustainability.
- Programs remained relatively consistent, with a reduction in festivals in 2020 due to pandemic-related restrictions.

## Notable Accomplishments

- The City of Claremont was recognized for the Platinum Beacon Spotlight Award in 2019 and Platinum Energy Champions Award in 2020.
- The City of Claremont’s Commercial Food Waste Recycling Program was noted as one of five model programs in Los Angeles County in the Los Angeles County Civil Grand Jury Report “A Diet for Landfills: Cutting Back on Food Waste.”



City Manager’s Weekly Update



LA County Civil Grand Jury Report

## UPCOMING INITIATIVES

In 2021, the City of Claremont and community partners will continue to pursue actions in line with our sustainability goals. Upcoming projects of note include designing the Comprehensive Energy Efficiency Improvement Project with Trane U.S., Inc., pursuing LEED for Cities and Communities, establishing an organic material recycling pilot program for residential customers, expanding food waste recycling to commercial customers, partnering with Southern California Edison to convert approximately 300 Edison-owned streetlights to LED, exploring partnership opportunities with Ways2H for a waste to energy pilot plant, and amending the Inclusionary Housing Ordinance.

## APPENDIX – INDICATOR TABLES

### *GOAL 1 INDICATORS: RESOURCE CONSERVATION*

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>1.1 Energy</b>						
1.1.1	Amount of non-renewable electricity used by City-Gov	2,295,453 kWh (64% of use)	Average of 2% reduction for years before next update	1,997,989 kWh (57% of use)	1,578,951 kWh (51% of use)	City
1.1.2	Amount of non-renewable electricity consumed by community (ALL 91711 Addresses)	147,369,998 kWh (64% of use)	Average of 2% reduction for years before next update	120,966,020 kWh (53% of use)	109,185,946 kWh (51% of use)	City
1.1.3	Amount of natural gas consumed by City-Gov	22,494 therms (659,232 kWh)	Average of 2% reduction for years before next update	26,677 therms	22,336 therms	City
1.1.4	Amount of natural gas used by community (ALL 91711 Addresses)	246 therms per capita usage (7,209 kWh)	Average of 2% reduction for years before next update	282 therms per capita usage (8,264 kWh)	254 therms per capita usage (7,444 kWh)	City
1.1.5	Amount of gasoline used by City vehicles	60,482 gallons	Average of 2% reduction for years before next update	55,553 gallons	54,509 gallons	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
1.1.6	Amount of electricity from renewable sources consumed by City-Gov	1,291,192 kWh (36% of use)	Average of 2% increase in years before next update	1,493,976 kWh (43% of use)	1,517,183 kWh (49% of use)	City
1.1.7	Amount of electricity from renewable sources consumed by community (ALL91711)	82,895,624 kWh (36% of use)	Average of 2% increase for years before next update	106,843,386 kWh (47% of use)	105,542,247 kWh (49% of use)	City
<b>1.2 Water and Wastewater</b>						
1.2.1	Amount of potable water consumed by City-Gov.	454,419 gal/day (10-yr average: 2009-2018) See Comments on Page 4	Average of 2% reduction for years before next update	492,997 gal/day	532,506 gal/day	City, GSWC, MWD
1.2.2	Community residential daily per capita water use	109 GPCD (5-yr average: 2015-2019)	Average of 2% reduction for years before next update	112 GPCD	128 GPCD	City, GSWC, MWD
1.2.3	Storm water capture, infiltration, and treatment to meet MS4 requirements	Data will begin to be tracked annually per the Complete Streets Policy	Increase	0.307 ac/ft	0.16 ac/ft	City



GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>1.3 Solid Waste</b>						
1.3.1	Total amount of solid waste sent to landfill by City and community, including CUSD	27,314 tons	Decrease	29,527 tons	27,334 tons	City
1.3.2	Amount of solid waste generated by community, including CUSD	4.1 lbs/person/day	< 5.3 lbs/person/day (meets State mandate)	4.5 lbs/person/day	4.2 lbs/person/day	City
1.3.3	Amount of recyclable waste diverted from landfills (without CUSD)	5,560 tons	Increase or maintain	5,400 tons	4,215 tons	City
1.3.4	Amount of green waste diverted from landfills (without CUSD)	6,775 tons	Increase	6,855 tons	8,297 tons	City
1.3.5	Amount of food waste diverted from landfills (without CUSD)	253 tons	Increase	317 tons	72 tons	City

**Abbreviations:**

CCF (hundred cubic feet), CUSD (Claremont Unified School District), GPCD (gallons per capita per day), GSWC (Golden State Water Company), MWD (Metropolitan Water District)

**Notes/Lists:**

- 1.2.3 – Increase in storm water capture capacity vs. previous calendar year

## *GOAL 2 INDICATORS: ENVIRONMENTAL PUBLIC HEALTH AND LOCAL AGRICULTURE*

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>2.1 Public Health</b>						
2.1.1	Number of chemicals in City facility hazardous materials inventories	93	Maintain or reduce	93	84	City
2.1.2	Amount of unwanted/expired medication collected	600 lbs.	Increase	60 lbs.	0 (Program on hold due to COVID-19)	City
2.1.3	Amount of electronic waste collected by City	201,000 lbs.	Increase	245,267 lbs.	230,017 lbs.	City
<b>2.2 Local Agriculture</b>						
2.2.1	Number of venues for purchase of locally grown food	3 (list below)	Maintain or increase	3	2	SusCom
2.2.2	Number of organizations collecting/distributing excess private/school garden produce	2 (list below)	Maintain or increase	2	2	SusCom
2.2.3	Number of schools with fruit/vegetable areas	10 public 3 private	All	10 public 3 private	9 public 3 private	CUSD, private schools

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
2.2.4	Number of institutions growing food for their own use	3 (list below)	Maintain or increase	3	3	SusCom
<b>2.3 Educational</b>						
2.3.1	Number of education events/articles related to organic/locally grown/healthy foods	7	Increase	25	22	SC, GC, CUSD, Courier, other
2.3.2	Number of events/articles that address environmental aspects of public health	6	Increase or maintain	4	8	SC, GC, Courier, other

**Abbreviations:**

CUSD (Claremont Unified School District), DS (Demystifying Sustainability: articles in Courier), GC (Garden Club), SC (Sustainable Claremont, SusCom (Sustainability Committee)

**Notes/Lists:**

- 2.2.1 Venues to purchase locally-grown food
  - 2019: Claremont Farmer’s Market, Pomona College Farm, Uncommon Good
  - 2020: Claremont Farmer’s Market and Uncommon Good when not impacted by pandemic-restriction
- 2.2.2 Organizations collecting excess private garden produce
  - 2019 and 2020: Inland Valley Hope Partners, Uncommon Good
- 2.2.3 Number of schools with fruit/vegetable areas
  - 2019: 10 public, 3 private
  - 2020: 9 public, 3 private
- 2.2.4 Institutions using food they grow
  - Pilgrim Place, Pomona College Farm, Uncommon Good
- 2.3.1 Events/articles related to environmental public health
  - 2019: GC (4 articles in newsletter)
  - 2020: SC (1, Air Pollution Clinic Group), GC (7 articles in newsletters)
- 2.3.2 Events/articles related to healthy food
  - 2019: CUSD (10 events), GC (3 talks, 12 newsletters)
  - 2020: Sustainable Claremont (1 Article, “Get Creative with Raised Beds”), CUSD events (10), GC (12 newsletters)

## GOAL 3 INDICATORS: TRANSPORTATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>3.1 Transportation Mode Share</b>						
3.1.1	Number of Dial-a-Ride/Get About/Claremont Group trips	45,144	Year-over-year increase	42,959	33,286	Dial-a-Ride, Get About, Claremont Group
3.1.2	Average Vehicle Ridership for Claremont Institutions in Employee Commute Reduction Program (ECRP Reporting (required by AQMD Rule 2202 for businesses/orgs larger than 250 employees)	2.07 (2019)	1.5 or above	2.07	2.27	AQMD, Colleges,
3.1.3	Number of vehicles entering/exiting freeways in Claremont (I-10 Exit 47 and I-210 Exits 49 and 52)	49,500 daily average (2012)	Year-over-year decrease	46,510 daily average (2014)	55,913 daily average (2017)	Caltrans
<b>3.2 Pedestrians</b>						
3.2.1	Signals with pedestrian features (e.g. audible push buttons)	18 of 43 intersections	Completion of projects	18 of 43 intersections	18 of 43 intersections	City



3.2.2	Number of walking guides	8	Increase	8	8	CH, SC
<b>GOAL</b>	<b>INDICATOR</b>	<b>BASELINE (2018)</b>	<b>TARGET</b>	<b>2019</b>	<b>2020</b>	<b>AGENT(S)</b>
<b>3.3 Micro-Mobility</b>						
3.3.1	Miles of bike lanes (of all kinds)	36.8 miles	Increase (refer to General Plan Transportation Element)	36.8 miles	36.8 miles	City
3.3.2	New miles of on-street bicycle infrastructure. Class I Class II Class III Class IV Definitions below	Track new installations after 2019 per Complete Streets Policy Performance Measures.	Increase	Data tracking began 2019	No new projects in 2020	City
3.3.3	Number of City bike racks	96	Maintain or Increase	96	96	City
3.3.4	Total miles of street/infrastructure with new pedestrian accommodations to account for network completeness  Sidewalks ADA Ramps Amenities (benches, trashcans, bike racks, etc.)	Track new installations after 2019 per Complete Streets Policy Performance Measures	Increase	Data tracking began in 2019	No new projects in 2020	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>3.4 Congestion Reduction</b>						
3.4.1	Number of synchronized signals	15 of 43 intersections	Completion of projects	15 of 43 intersections	15 of 43 intersections	City
<b>3.5 Transit / Infrastructure</b>						
3.5.1	Number of electrical vehicle charging stations	2 dual-port stations (City property)	Increase (refer to General Plan Transportation Element)	5 dual-port stations (City property)	5 dual-port stations (City property)	City, charging companies
3.5.2	Number of Metrolink boardings/alightings	5289 boardings 5155 alightings	Increase	Awaiting Data from Metrolink	Awaiting Data from Metrolink	Metrolink
3.5.3	Number of Foothill Transit boardings/alightings	196,000 (approx.)	Increase	160,720 (approx.)	124,758	Foothill Transit
<b>3.6 Alternatives to Driving</b>						
3.6.1	Peak parking usage in the Claremont Village Parking Structure	No current data	Downward trend	No current data	No current data	City

**Abbreviations:**

AQMD (Air Quality Management District), BPAG (Bicycle and Pedestrian Advisory Group), CH (Claremont Heritage), ECRP (Employee Commute Reduction Program), SC (Sustainable Claremont)

**Notes/Lists:**

- 3.2.2 Number of Walking guides: Walk Claremont brochure-10 routes (SC), College Historic sites guided tour (CH), Village Historic Sites guided tour (CH), and 5 self-guided tours (CH)
- 3.3.2 Class I (Bike Paths, non-motorized), Class II (Bike Lanes, defined portion of roadway for bikes marked by striping/signage), Class III (Bike Routes, shared use with motor vehicle traffic in same travel lane), Class IV (Cycle Tracks, protected bike lane separated from motor traffic by on-street infrastructure.)

## GOAL 4 INDICATORS: SUSTAINABLE BUILT ENVIRONMENT

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>4.1 City Facilities</b>						
4.1.1	Number of City facilities that are Zero Net Energy	0	Increase	0	0	City
4.1.2	Number of City facilities retrofitted to improve sustainability (energy efficiency, waste reduction, water use reduction, improve occupant health)	11	Increase	11	11 additional improvements (see below)	City
<b>4.2 Privately-Owned Facilities</b>						
4.2.1	Number of private facilities meeting Zero Code for California (Zero Net Energy)	0	All new	0	0	City
4.2.2	Number of private facilities permit applications in each reporting year that include retrofits to improve sustainability measures (energy efficiency, waste reduction, water use reduction, improve occupant health)	0	Increase	0	2	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>4.3 Infrastructure</b>						
4.3.1	Number of new City building projects completed each reporting year that include measures which improve sustainability (energy efficiency, waste reduction, water use reduction, improve occupant health)	0	All	All	All	City
4.3.2	Number of reports during the year designed solely to update the City Council and Sustainability Committee about new City street projects with significant sustainability features (swales, LED streetlights, etc.)	0	1	3	1	City
4.3.3	Number of new City landscaping projects in the reporting year with significant sustainability features	8/8	All	2/2	1/1	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>4.4 Residential Development</b>						
4.4.1	Number of single-family homes built or retrofitted to meet ZNE (Zero Net Energy) per CPUC standards in the reporting year	0	All	0	0	City
4.4.2	Number of multi-family buildings built new or retrofitted to meet ZNE (Zero Net Energy) per CPUC standards in the reporting year	0	All	0	0	City
<b>4.6 Sustainable Operation and Maintenance of Facilities</b>						
4.6.1	Number of City facilities operated and maintained according to best sustainable practices as far as infrastructure allows	All	All	All	All	City



**Notes/Lists:**

**4.1.2 City facilities retrofitted to improve sustainability:**

- *As of 2019*
  - *Hughes Center: Exterior LED lights, waterless urinals, motion sensors for lights*
  - *City Hall: Cool roof, motion sensors in four locations, waterless urinals*
  - *Police Department: LED exterior lights, motion sensors, T-12s retrofit to T-8 bulbs.*
  - *Parking Structure: Lighting improvements, three dual-port electric vehicle charging stations*
  - *Joslyn Center: Waterless urinals, T-12s retrofit to T-8s and compact fluorescents*
  - *YAC: Waterless urinals, T-12s retrofit to T-8s*
  - *Taylor Hall: Waterless urinals, adjustable timer air conditioning controls*
  - *Wheeler Park Building: Waterless urinals*
  - *Oak Park Cemetery Building: Adjustable timer for HVAC.*
  - *City Yard: Solar PV installation*
- *As of 2020*
  - *Above improvements, plus scrubbers installed at City Hall, Joslyn Center, Hughes Center, City Yard, and YAC to improve indoor air quality.*

**4.3.1 City Building Projects to Improve Sustainability**

- *Contract with Trane, Inc. to develop comprehensive facility energy improvement project for 2021/22 implementation.*
- *Air scrubbers installed at City Hall, Joslyn Center, Hughes Center, City Yard, and YAC to improve indoor air quality.*

**4.3.3 Landscaping projects:**

- *2018: Turf removal at Wheeler, Blaisdell, Memorial, Cahuilla, Lewis, Larkin, Griffith, and Jaeger Parks*
- *2019: Turf removal at Indian Hill Blvd/Scripps and Jaeger Park*
- *2020: Turf Removal at Lewis Park*

## GOAL 5 INDICATORS: OPEN SPACE AND BIODIVERSITY

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>5.1 Natural Open Space</b>						
5.1.1	Acreage and location	4,070 acres	Maintain or expand	4,070 acres	4,090 acres	City
5.1.2	Number of groups engaged in maintaining natural open spaces	3	Maintain or increase	3 (people/hours reduced)	3 (people/hours reduced)	FCHWP, BFS, City
<b>5.2 Constructed Open Space</b>						
5.2.1	Number, location, size of parks, total area	21 parks totaling 155 acres	Maintain or increase	21 parks totaling 155 acres	21 parks totaling 155 acres	City
5.2.2	Number of water-wise demonstration gardens	3	1 more; label plants	3	3	City, GC
5.2.3	Use of native plants in City-owned areas	Foothill Master Plan	Include in all median upgrades	Foothill Master Plan	No change	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
5.2.4	Number of inquiries that include requests for information about using native plants in private landscaping	About 50	Increase	Many (see below)	Many (see below)	City, GC, SC, CalGB
5.2.5	Number of groups engaged in maintaining constructed open spaces	4	Increase	2	0	SC, City
<b>5.3 Biodiversity</b>						
5.3.1	Native species richness; number documented	BFS: 406 CHWP: 457 (2019-20)	Prevent decline	BFS: 406 CHWP: 457 (2019-20)	BFS: 406 CHWP: 457 (2019-20)	BFS, FCHWP
5.3.2	Number of initiatives/activities/actions using both abundance and richness to assess native biodiversity	1	Maintain or increase	3	2	BFS, FCHWP

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
5.3.3	Number of initiatives/activities/ actions aimed at identifying, monitoring, or preserving sensitive species	0	Increase	3	2	BFS, FCHWP
5.3.4	Number of volunteer hours spent monitoring or managing invasive species	2,800	Maintain or increase	3,464	1,387 (decreased due to COVID-19 Pandemic)	BFS, FCHWP, CHWP Rangers
5.3.5	Number of acres restored to native plant communities or undergoing restoration	0.24	Maintain or increase	0.24	0.24	BFS
5.3.6	Number of areas where the community can engage with and learn about the natural flora and fauna	3	Increase	3	3	CaIBG, BFS, FCHWP

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>5.4 Urban Forest</b>						
5.4.1	% of land under tree canopy	Still waiting for tree canopy assessment from CAL FIRE	Maintain or Increase	Still waiting on CAL FIRE assessment	Still waiting on CAL FIRE assessment	City
5.4.2	Number of City-owned trees	26,000 (approx.)	Increase or maintain	26,000 (approx.)	26,579	City
5.4.3	Diversity in City-owned trees	Crape Myrtle: 8.19% Coast Live Oak: 7.19% California Sycamore: 5.58%  (2019)	No species more than 5% of urban forest.	Crape Myrtle: 8.19% Coast Live Oak: 7.19% California Sycamore: 5.58%	Crape Myrtle: 8.19% Coast Live Oak: 7.24% California Sycamore: 5.61%	City
5.4.4	Tree coverage in private parking lots	Still waiting for tree canopy assessment from CAL FIRE	50% lot coverage	Still waiting on CAL FIRE assessment	Still waiting on CAL FIRE assessment	City
5.4.5	Number of inquiries about proper care/pruning of private trees	175	Increase	Many (see below)	Many (see below)	City, SC, GC, CalBG



GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>5.5 Outreach</b>						
5.5.1	Number of groups providing public events related to biodiversity/benefits of ecosystems/open space/trees	7 (counting colleges as one)	Increase	6	2 (Decrease due to COVID-19 pandemic)	City, SC, GC, CalBG, BFS, FCHWP, Colleges
5.5.2	Number of groups giving awards to citizens related to open space issues	2	Increase	1	0	SC, GC
5.5.3	Number of ways to engage public in open space/urban forest issues	12+	Maintain or increase	12+	12+	City, Assorted Non-Profits
5.5.4	Number of K-12 schools with opportunity to engage in open space or biodiversity issues	All CUSD	Add private schools	7	7	CUSD, Private Schools, CWC

**Notes/Lists:**

- 5.1.1 *Natural Open Space Acreage*
  - 20 acres donated by Arthur and Susan Bertolina, December 2020
- 5.2.4 *Number of inquiries that include requests for information about using native plants in private landscaping*
  - 2019: CalBG - many hundreds, GC - about 20, SC - approximately 6
  - 2020: CalBG - many hundreds, GC - 363 views of native pages on website, SC - approximately 6
- 5.2.5 *Number of groups engaged in maintaining constructed open spaces*
  - 2019: HOTS maintenance day at Oak Park Cemetery, Active Claremont
- 5.3.2 *Number of initiatives/activities/actions using both abundance and richness to assess native biodiversity and*
- 5.3.3 *Number of initiatives/activities/actions aimed at identifying, monitoring, or preserving sensitive species*
  - 2019: Bio-monitoring program for ground dwelling arthropods, plants, birds, mammals, and butterflies implemented at BFS; two papers published; CHWP - began mapping Nevin's barberry; Crotch's Bumble Bee observed
  - 2020: Bio-monitoring program continued, mammal and plant surveys not conducted in 2020 because of COVID-19, effort begun to analyze how landscape modifications influence butterfly diversity and distributions; CHWP - more observations of Crotch's Bumble Bee
- 5.3.4 *Number of volunteer hours spent monitoring or managing invasive species*
  - 2019: BFS – 719 hours, FCHWP – 27 hours, Reserve Rangers – 2,718 hours (all hours)
  - 2020: BFS – 137.5 hours, FCHWP – 0 hours, Reserve Rangers – 1,250 hours (all hours)
- 5.3.5 *Number of acres restored to native plant communities or undergoing restoration.*
  - BFS 0.24 – cumulative number reported in 2019 and 2020.
- 5.3.6 *Number of areas where the community can engage and learn about natural flora/fauna*
  - CHWP, Bernard Field Station, California Botanic Garden
- 5.4.5 *Number of inquiries about proper care/pruning of private trees*
  - 2019: - CalBG - several hundred, GC - approximately 20, SC - 16
  - 2020: CalBG - several hundred, 80 views of tree pages on CalBG website in 2020, SC - 9
- 5.5.1 *Number of groups providing public events related to biodiversity/benefits of ecosystems/open space/trees*
  - 2019: BFS - No BFS Earth Day due to Foothill Blvd construction, CHWP - Held California Biodiversity event, SC - Held various Zoom events, CalBG - Held various online events
  - 2020: BFS - No BFS Earth Day due to Covid-19, SC - Held various Zoom events, CalBG - Held various online events
- 5.5.2 *Number of groups giving awards to citizens related to open space issues*
  - 2019: Garden Club award to Uncommon Good

## GOAL 6 INDICATORS: HOUSING AND ECONOMIC DEVELOPMENT

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>6.1 Mix of Housing / Affordability</b>						
6.1.1	Movement towards RHNA requirements	1707 units needed	Meet (or exceed where appropriate)	1707 units needed	1,711 units needed	City
6.1.2	Number of extremely low and very-low-cost housing units	3 units (2019)	554 units by 2029	3 units	5 units	City
6.1.3	Number of low-cost housing units	2 units (2019)	309 units by 2029	2 units	8 units	City
6.1.4	Number of moderate-cost housing units	41 units (2019)	297 units by 2029	41 units	45 units	City
6.1.5	Number of above-moderate-cost housing units	346 units (2018)	547 units by 2029	389 units	426 units	City
6.1.6	Number of applications to build ADUs	30 units (2020)	40 units	Not Tracked	30 units	City
6.1.7	Equitable distribution of affordable (extremely low, very low, and low) housing throughout City	ADU Map in Sustainable City Plan (2020)	Increase	Affordable Housing Map in Progress	Affordable Housing Map in Progress	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
6.1.8	Number of affordable (extremely low, very low, and low) houses with easy access to bus or train transportation every 15 minutes during peak hours	231	430 units by 2029	231	239	City
<b>6.2 Architectural History</b>						
6.2.1	Ratio of instances of retention and/or adaptive reuse of existing residential, commercial, and industrial buildings as opposed to demolition.	50:1	Increase or maintain	50:1	50:1	City
<b>6.3 Diversified Economy / Economic Justice</b>						
6.3.1	Improvement in balance of economic activity by business sector	See sales tax chart below (2019)	Improve balance	See sales tax chart below (2019)	See sales tax chart below (2020)	City
6.3.2	Number of key commercial sites having some development recently completed or in progress	5	6	5	5	City
<b>6.4 Balance Jobs/Housing</b>						
6.4.1	Number of developments that include a significant mixed-use component	2	Increase	2	2	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
6.4.2	Ratio of # of jobs to # of residential units	1:5 ratio	Maintain 1:5 ratio	1:5	1:4	SCAG
6.4.3	% of residents employed in community	18.2%	Increase	18.2	Data not Available	SCAG
<b>6.5 City Purchasing</b>						
6.5.1	Number of City capital and equipment purchases that are sustainable.	1	Increase	1	1	City

**Abbreviations:**

ADU (Accessory Dwelling Units), RHNA (Regional Housing Needs Assessment), SCAG (Southern California Association of Governments)

- 6.1.2 Number of very-low-cost housing units
  - Per the Annual Element Progress Report, units serving extremely low-income households are included in the very low-income unit totals.

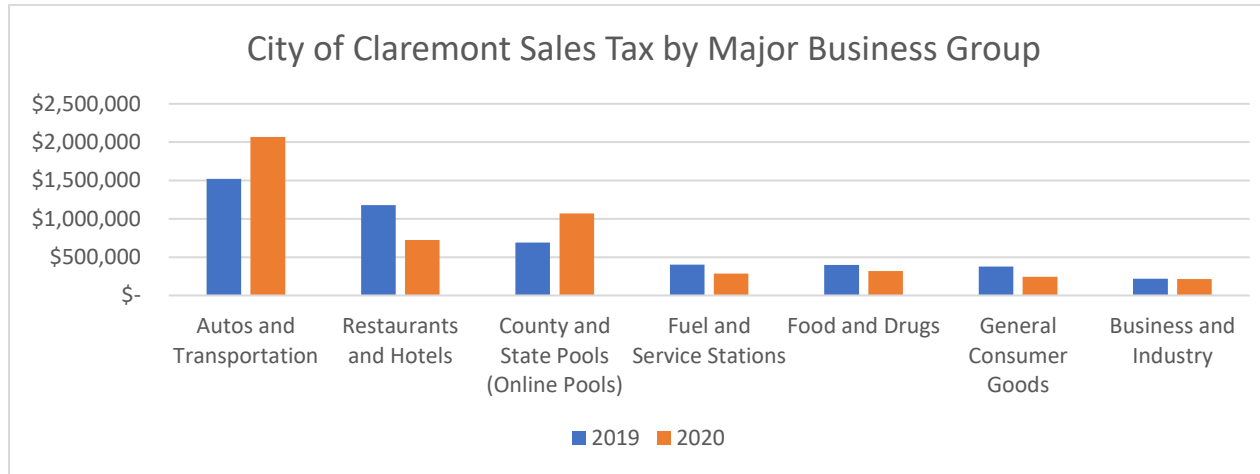


- 6.1.2 - 6.1.5 Number of very-low to above-moderate housing units added.
  - Reported units are the cumulative total of units added since reporting the baseline year, 2019.
  - Reported number of Publicly Assisted Housing Units based upon 2018-21 Housing Element, see below.

<b>Table 8-22 Publicly Assisted Housing</b>						
<b>Project Name</b>	<b>Type</b>	<b>Total Units</b>	<b>Assisted Units/ Income Level</b>	<b>Unit Size</b>	<b>Funding Source(s)</b>	<b>Earliest Date of Conversion</b>
Access Village	Disabled	23	23 very low- and extremely low-income units	1-bdrm	Section 202; Section 8 contract	Annual Contract Renewal (Section 8)
Claremont Village Apartments	Family	150	148 very low and extremely low-income units	2- & 3-bdrm	Tax Credit Section 8 contract	2055 (Tax Credits) Annual Contract Renewal (Section 8)
Habitat for Humanity	Family	6	6 very low-income units	3-bdrm	Habitat for Humanity; Redevelopment Set Aside	2058
Mountain Village Senior Apartments	Senior	84	21 moderate-income units	1- & 2-bdrm	Density Bonus	2019
Claremont Villas Senior Apartments	Senior	154	154 very low- and low-income units	1- & 2-bdrm	Tax Credits; Redevelopment Set Aside	2048
Vista Valle Townhomes	Family	48	48 very low- and low-income units	2-, 3-, & 4-bdrm	Tax Credits; HOME; Redevelopment Set Aside	2050
Courier Place	Mixed Family & Senior	74	16 extremely low- and 58 very low-income units	1-, 2- & 3-bdrm	Tax Credits;; Redevelopment Set Aside; HOME; and City of Industry funds	2066
<b>Total</b>		<b>539</b>	<b>474</b>			

**Notes/Lists:**

- 6.3.1 *Improvement in balance of economic activity by business sector*



The County and State pool system is utilized primarily for online purchases from out-of-state companies who ship merchandise to California. Tax is reported by the taxpayer to the countywide pool and then distributed to each jurisdiction in that county on a pro-rata share of taxable sales. If the county of use cannot be identified, the allocation goes to the state pool for pro-rata distribution on a statewide basis.

- 6.4.1 *Number of Developments with Significant Mixed-Use Component: V*
  - *Village Expansion Project and Old School House Specific Plan*

## GOAL 7 INDICATORS: PUBLIC OUTREACH AND EDUCATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
<b>7.1 Information and Advocacy</b>						
7.1.1	Number of Sustainability Committee meetings	Irregular	Quarterly meetings	7 meetings	8 meetings	City
7.1.2	Regularity of Annual Sustainability Report	Last done in 2014	Annual	2019 report prepared in 2021	2020 report prepared in 2021	City
<b>7.2 Publicity</b>						
7.2.1	Visits to Sustainability page on City website	764 users with 951 page views	Increase	593 users with 689 page views	694 users with 856 page views	City
7.2.2	Visits to Sustainable Claremont website; size of mailing list	6,300 users; Mailing List: 2,200	Increase	6,300 users with 20,200 page views; Mailing List: 2,200	4,000 users with 17,000 page views; Mailing List: 2,200	SC
7.2.3	Use of Claremont Garden Club website; size of mailing list	1,500 page views; Mailing List: 600	Increase	1,500 users; Mailing List: 600	2,004 users; Mailing List: 800	GC

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
7.2.4	Number of public talks related to sustainability	17	At least 10/year	17	7	SC, GC, Colleges
7.2.5	Post reach for City social media posts	106,632 post reach, 50,412 post engagement, 408 likes	Increase	134,200 post reach, 62,234 post engagement 3,771 likes	183,600 post reach 51,072 post engagement 4,224 likes	City
7.2.6	Number of local newspaper articles/op-eds related to sustainability	12	At least 10/year	2	2	GC
7.2.7	Number of City newsletters with articles about sustainability	All	All	All	All	City
7.2.8	Number of City Manager Weekly Updates with sustainability info or links to it	Most	All	All	All	City
<b>7.3 Programs</b>						
7.3.1	Number of active non-profit community and Sustainable Claremont programs, working groups	9	Maintain or increase	9	9	SC, FBBFS, CHWP

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	AGENT(S)
7.3.3	Number of major festivals and tours related to sustainability	8	Increase or maintain	7	2	City, SC, GC, CalBG
7.3.4	Number of award programs for citizens/businesses/other groups incorporating sustainability actions	2	Increase or maintain	2	2	SC, GC
7.3.5	Number of sustainability workshops/classes offered	14	At least 10	Dozens (see below)	Dozens (see below)	LA County, SC, GC, CalBG
<b>7.4 Assessment</b>						
7.4.1	Number of stakeholder groups involved in sustainability efforts	15	Increase or maintain	15	15	SC, CH, GC
7.4.2	Number of occasions City has been recognized for sustainability efforts	3	Increase	1	2	City
7.4.3	Non-profits related to sustainability that report an increase over last year in members/volunteers	4	Increase or maintain	4	3	SC, GC, FCHWP, BFS, FBBFS

**Abbreviations:**

BFS (Bernard Field Station), CalBG (California Botanic Garden, formerly Rancho Santa Ana Botanic Garden), CH (Claremont Heritage), CHWP (Claremont Hills Wilderness Park), CUSD (Claremont Unified School District), CWC (Claremont Wildlands Conservancy), FBBFS (Friends of the Bernard Biological Field Station), FCHWP (Friends of the Claremont Hills Wilderness Park), GC (Garden Club), SC (Sustainable Claremont),



- 7.2.4: *Number of public talks related to sustainability*
  - 2019: GC - 5; SC - 9 Dialogues, 3 Urban Forest Management Plan events
  - 2020: GC - 2; SC - 5 Dialogues
- 7.3.1: *Number of active non-profit community and Sustainable Claremont programs, working groups*
  - 2019 and 2020: SC - 6 (Green Crew, Garden Club, School Action Group, Ecofarm, Dialogs, Demystifying Sustainability); FBBFS; FCHWP; Active Claremont
- 7.3.2 *Number of educational institutions with programs related to sustainability*
  - 2019: Claremont Colleges (CMC, HMC, Pitzer, Pomona); Foothill Country Day; OLA; Webb; Western Christian; CUSD – 6: CHS (Environmental Science Class, Pine Club), Mountain View (Uncommon Good Garden), Oakmont (Recycling), Sumner Danbury, Sycamore, and Vista
  - 2020: Claremont Colleges (CMC, HMC, Pitzer, Pomona); Foothill Country Day; OLA; Webb; Western Christian; CUSD – 6: CHS (Environmental Science Class, Pine Club), Chaparral, Oakmont (Recycling), Sumner Danbury, Sycamore, Vista
- 7.3.3 *Number of major festivals and tours related to sustainability*
  - 2019: SC - 2 (Earth Day, Arbor Day); GC - Garden Tour cancelled; CalGB - 5 (Educational Programming on Native Plants and Brew Wild)
  - 2020: SC - 2 (Earth Day, Arbor Day virtual due to COVID-19); GC - Garden Tour cancelled; CalBG - 0 (Cancelled due to COVID-19)
- 7.3.4 *Number of award programs for citizens/businesses/other groups incorporating sustainability actions*
  - 2019: SC - 1 (Gala Sustainability Awards); GC - 1
  - 2020: SC - 1 (Gala Sustainability Awards); GC - 1
- 7.3.5 *Number of Sustainability Workshops/Classes Offered*
  - 2019: SC - 4 Green Crew workshops; CalBG - Dozens about gardening with natives
  - 2020: SC - 2 Green Crew workshops; CalBG - Dozens about gardening with natives
- 7.4.2 *Number of occasions the City was recognized regarding sustainability*
  - 2019: Platinum Beacon Spotlight Award
  - 2020: Platinum Energy Champion Awards; Noted Commercial Food Waste Recycling Program in LA County Civil Grand Jury Report “A Diet for Landfills: Cutting Back on Food Waste”
- 7.4.3 *Non-profits related to sustainability that report an increase over last year in members/volunteers*
  - 2019: Sustainable Claremont, Garden Club, BFS, FCHWP
  - 2020: Sustainable Claremont, Garden Club, FCHWP