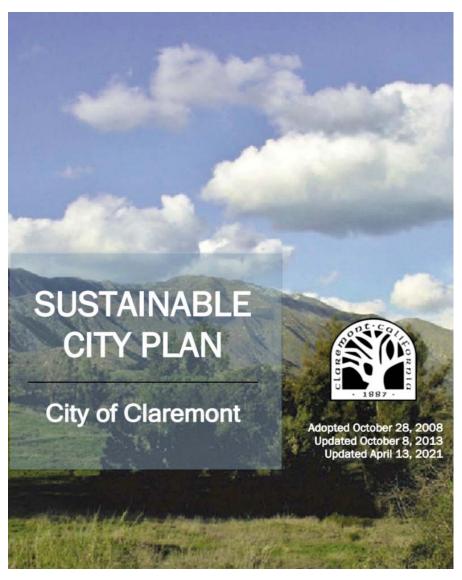


# City of Claremont Sustainability Annual Report 2022



### **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.



A comprehensive update to the Sustainable City Plan was adopted by the City Council in April 2021, and the updated Plan created a set of indicators with baseline data and targets. The baseline data collected is mostly from Calendar Year 2018.

An Annual Report will be prepared each year to continue to monitor progress. The Annual Report tracks each indicator, comparing baseline data from the Plan to updated metrics. This annual report compares baseline data to data from Calendar Year 2022.

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 an updated indicator table for each of the Goal Areas.

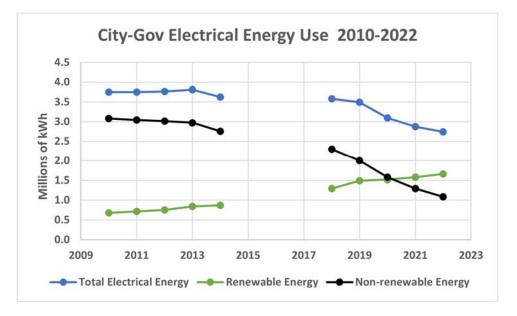
Each indicator table lists baseline data from 2018, with targets and updated metrics from 2022.

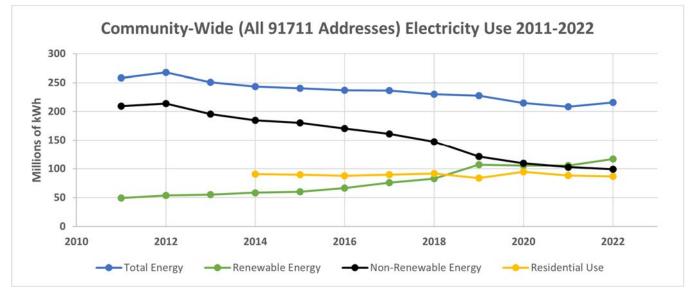
# Goal Area 1: Resource Conservation

### Notes on the Targets

#### Energy / Electricity

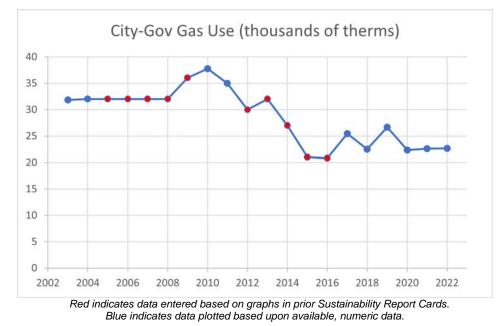
• The City exceeded targets for reducing electricity use and increasing renewable sources of electricity. The Community did not reduce overall electricity use, but shifted increasingly towards renewable electricity.



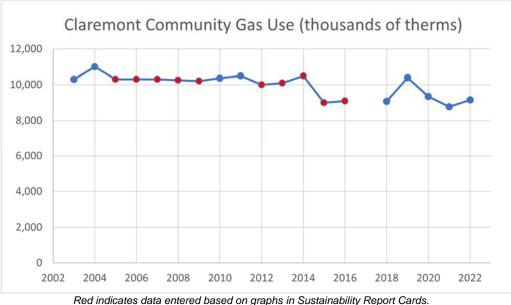


#### Natural Gas

- Natural gas usage was largely flat between 2018 and 2022, 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.



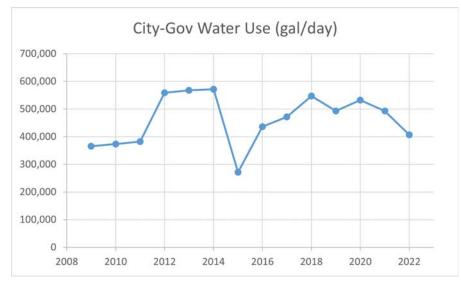
 The Claremont community (all accounts in 91711) shows stable usage since 2003, with slight reductions starting in 2015.



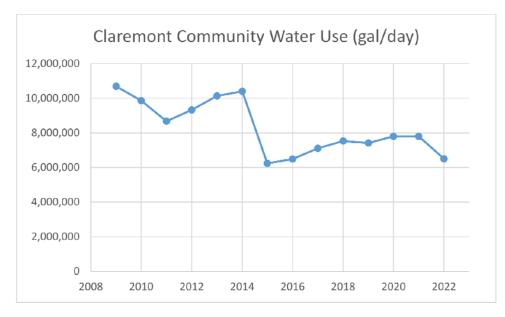
Blue indicates data plotted based upon available, numeric data.

#### Water

Potable water use by the City's municipal accounts was down significantly in 2022 when compared to the 2018 calendar year, due in part to watering restrictions associated with the California drought. Overall usage is significantly 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 completed extensive turf removal projects since 2015, resulting in slightly lower water usage than in 2012–2014.



• Community water usage was down in 2022 versus the prior 5 years due largely to watering restrictions associated with the California drought. The community reduced usage from 124 to 100 gallons per capita per day.



#### Solid Waste and Recycling

- Solid waste sent to landfill was higher than average due in part to the January 21, 2022 wind storm. The wind storm resulted in disaster debris throughout the community which necessitated additional solid waste pickups through February 2022.
- Recyclable material tonnage remained consistent with historical averages.
- Organic material tonnage was consistent with historical averages. The increase in food waste composting associated with the new Citywide composting program was likely offset by a reduction in green waste generation. City staff noted a reduction in green waste during the summer months due to watering restrictions associated with the California drought. The 2020 increase in organics recycling was likely a one-time increase due to COVID-19 stay-at-home orders, leading to more home-based gardening. [See Appendix for data.]



### **Notable Accomplishments**

- In 2022, the City began a \$6.5 million Comprehensive Facility Energy Improvement Project with Trane, Inc. The project will decrease the City's municipal electricity usage through numerous energy improvements, including LED lighting and HVAC improvements, new lighting and HVAC controls, cool roofs, transformers, solar photovoltaic systems, and battery storage. The solar systems will generate approximately 829,500 kWh annually, and the total program will reduce energy the City purchases from the Clean Power Alliance by approximately 60 percent, a significant step forward. Construction began in 2022, including replacing all lighting, installing cool roofs, and replacing HVAC units. Trane will install photovoltaic systems and battery storage in 2023.
- The City worked with the Clean Power Alliance to change the City's default rate to 100% Green Power effective October 2022. The Clean Power Alliance currently provides power

to 91 percent of Claremont customers. Of those customers, 97 percent stayed with the new, Green Power default rate.

- The City moved all municipal accounts to the Clean Power Alliance 100% Green Power default rate.
- The City collaborated with local water utilities to perform water conservation education and enforcement related to the California drought. This effort contributed to a significant reduction in water usage in 2022.
- The City worked with Southern California Edison (SCE) to convert 297 SCE-owned streetlights to LED.
- The City launched the Organics Recycling Program for all customers in January 2022. The City received a \$47,854 one-time Local Assistance Grant from CalRecycle for organics collection.





Comprehensive Energy Efficiency Improvement Project Proposed Solar Installations at Alexander Hughes Community Center (left) and City Yard (right)

# Goal Area 2: Environmental Public Health

#### Notes on the Targets

• Electronic waste collection is down significantly in 2022 due to a change in the collection model and data availability. Prior to March 2022, the City offered electronic waste collection at no charge through an exclusive contract with a private contractor. The contractor utilized recycling revenue to cover collection costs, which is no longer viable given current market conditions. When the exclusive contract expired, the City solicited bids, and no bidders proposed to continue the free program. The City's Sanitation Division updated its policies to allow residents to dispose of electronic waste as part of the Bulky Item Collection Program. While the service is still available, overall collection volumes are down significantly due primarily to the absence of an exclusive contractor tracking data. Under the previous collection model, commercial businesses contracted with the City's contractor for large-volume electronic waste collection. Under the new system, commercial accounts are able to contract with any private contractor, so comprehensive collection data is not available.

### **Notable Accomplishments**

• The City's prescription drug take-back program restarted in 2022 after two years of pandemic-related closures.

# **Goal Area 3: Transportation**

### Notes on the Targets

• Transit ridership on Claremont Dial-a-Ride, Get About, Foothill Transit, and Metrolink increased significantly in 2022.

### **Notable Accomplishments**

- The City completed the Monte Vista/Claremont Boulevard Accessibility Project, including pedestrian improvements.
- The City continued designing the Towne Avenue Improvement Project, including bicycle and pedestrian features. Construction is anticipated to begin in 2023.
- The City continued designing the College Avenue and Green Street Bicycle and Pedestrian Improvement Project. Construction is anticipated to begin in 2023.

### Notes on the Targets

• In 2022, there was a significant increase in the number of reports updating the City Council about new City street projects with significant sustainability features.

### Notable Accomplishments

• The City began its \$6.5 million Comprehensive Facility Energy Improvement Project with Trane, Inc. The project will further decrease the City's municipal electricity usage through numerous energy improvements, including:

Site	Cool Roof	HVAC Units	LED Lighting	Transformers	Solar PV	Battery Backup
Hughes Center	1	9	Interior	1	Roof	66 kW
City Hall		8	Interior			
Police Department		6	Interior	3	Carport	40 kW
Joslyn Center	1		Interior			
City Yard		10	Interior	4	Carport	100 kW
Parking Structure			Exterior	1		
Taylor Hall & YAC			Interior		Carport	85 kW
June Vail Park			Exterior			
Wheeler Park			Exterior			
Padua Park				1		

Cool roofs, lighting, and select HVAC improvements were completed in 2022. The remaining HVAC improvements and solar photovoltaic installation with battery storage are scheduled for 2023.

- The City installed low-impact development improvements to capture storm water as part of the Oak Park Cemetery Expansion Project Phase 2.
- The City of Claremont issued 189 solar permits in 2022, producing a total of 1,401 kW.

# **Goal Area 5: Open Space and Biodiversity**

### Notes on the Targets

- The following eleven plant species were observed in the Claremont Hills Wilderness Park for the first time and added to the CHWP Species list:
  - Shiny Biscuitroot (Lomatium lucidum)
  - o Clustered Tarweed (Deinandra fasciculata)
  - Pineapple-Weed (*Matricaria discoidea*)
  - Silver Rock-Lettuce (Stephanomeria cichoriacea)
  - o Buffalo Gourd (Cucurbita foetidissima)
  - San Luis Blazingstar (Mentzelia micrantha)
  - o California Buckeye (Aesculus californica)
  - California Lacefern (Aspidotis californica)
  - Sacapellote (Acourtia microcephala)
  - Purple Needlegrass (Nassella pulchra)
  - Coffee Fern (Pellaea andromedifolia)



California Buckeye (Aesculus californica) Photo credit: www.theodorepayne.org



Sacapellote (Acourtia microcephala) Photo Credit: Keir Morse (keirosity.com)

• One new butterfly species (Dainty Sulphur, Nathalis iole) was added to the Bernard Field Station species list in 2022.

### **Notable Accomplishments**

- The City obtained a grant of \$734,000 from the Rivers and Mountains Conservancy for wildfire prevention, including the removal of non-native species and habitat restoration. Work will take place between 2023 and 2025.
- A new entrance kiosk was constructed at the Claremont Hills Wilderness Park (CHWP), featuring seasonal interpretive highlights and articles written by the Friends of CHWP and City staff.

# **Goal Area 6: Housing and Economic Development**

### Notes on the Targets

- The City added 12 new extremely-low- and very-low-cost housing units, three low-cost housing units, one moderate-cost housing unit, and 37 above-moderate-cost housing units. Additional work is needed to meet State affordable housing construction targets.
- The City received 52 applications for ADUs in 2022, an increase from 2021.

### **Notable Accomplishments**

• In 2022, the City prepared an Affordable Housing Map book, showing locations of units throughout the City.

### **Goal Area 7: Public Outreach and Education**

### Notes on the Targets

- The City met information and advocacy targets, hosting regular Sustainability Committee meetings and adopting the 2021 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.
- All City Letters and City Manager's Weekly Updates contained information regarding sustainability.
- The number of sustainability-related festivals, tours, and public talks increased versus the prior year.



City Manager's Weekly News Briefs



Clean Power Alliance Green Power Default

### **Notable Accomplishments**

- The Claremont City Council adopted the 2022 Annual Sustainability Report in September 2022.
- The City Performed outreach to Claremont Residents regarding change to Clean Power Alliance Green Power Default, watering restrictions and the California drought, and organics recycling.
- The California Botanic Garden and Sustainable Claremont held a Waterwise Community Festival, attracting 1,500 visitors.

### **Upcoming Initiatives**

In 2023, the City of Claremont and community partners will continue to pursue actions in line with our sustainability goals. The City will:

- Complete the \$6.5 million Comprehensive Energy Efficiency Improvement Project with Trane U.S., Inc. In 2022, Trane installed new LED lighting, HVAC units, new HVAC and lighting controls, 10 new transformers, two new cool roofs. In 2023, Trane will install the remaining HVAC units and four solar photovoltaic systems with battery backup.
- Construct the Towne Avenue Improvement Project, including bicycle and pedestrian features.
- Construct the College Avenue and Green Street Bicycle and Pedestrian Improvement Project.
- Develop a Zero Emission Bus Rollout Plan for the Claremont Dial-a-Ride program.
- Begin the process of developing an Electric Vehicle Charging Station Master Plan for City facilities and public use.

### **APPENDIX – INDICATOR TABLES**

### **GOAL 1 INDICATORS: RESOURCE CONSERVATION**

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
1.1.1	Amount of non- renewable electricity used by City-Gov	2,295,453 kWh (64% of all use)	Average of 2% reduction for years before next update	1,578,951 kWh (51% of all use)	1,292,142 kWh (45% of all use)	1,084,229 kWh (39% of all use)	City
1.1.2	Amount of non- renewable electricity consumed by community (ALL 91711 Addresses)	147,369,998 kWh (64% of all use)	Average of 2% reduction for years before next update	109,185,946 kWh (51% of all use)	102,718,059 kWh (49% of all use)	99,132,156 (46% of all 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	22,336 therms (654,668 kWh)	22,626 therms (663,168 kWh)	22,670 therms (664,457 kWh)	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	254 therms per capita usage (7,444 kWh)	235 therms per capita usage (6,888 kWh)	245 therms per capita usage (7,200 kWh)	City
1.1.5	Amount of gasoline used by City vehicles	60,482 gallons	Average of 2% reduction for years before next update	54,509 gallons	61,705 gallons	56,889 gallons	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
1.1.6	Amount of electricity from renewable sources consumed by City- Gov	1,291,192 kWh (36% of all use)	Average of 2% increase in years before next update	1,517,183 kWh (49% of all use)	1,580,225 kWh (55% of all use)	1,658,133 (61% of all use)	City
1.1.7	Amount of electricity from renewable sources consumed by community (ALL 91711 Addresses)	82,895,624 kWh (36% of all use)	Average of 2% increase for years before next update	105,542,247 kWh (49% of all use)	105,643,329 kWh (51% of all use)	116,751,041 (54% of all use)	City
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	532,506 gal/day	493,277 gal/day	407,045 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	128 GPCD	124 GPCD	100 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	1.46 ac-ft	5.93 ac-ft	7.49 ac-ft	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
1.3.1	Total amount of solid waste sent to landfill by City and community, including CUSD	27,314 tons	Decrease	27,334 tons	31,922 tons	35,796 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)	4.2 lbs/ person/day	4.6 lbs/ person/day	5.3 lbs/ person/day	City
1.3.3	Amount of recyclable waste diverted from landfills (without CUSD)	5,560 tons	Increase or maintain	4,215 tons	4,945 tons	4,954 tons	City
1.3.4	Amount of organic waste diverted from landfills (without CUSD)	7,028 tons	Increase	8,369 tons	7,491 tons	7,231 tons	City

#### Abbreviations:

Ac-ft (acre-feet) CCF (hundred cubic feet), CUSD (Claremont Unified School District), GPCD (gallons per capita per day), GSWC (Golden State Water Company), kWh (kilowatt-hours) MWD (Metropolitan Water District)

- 1.2.3 Increase in storm water capture capacity vs. previous calendar year
- 1.3.1 and 1.3.2 The 2022 total solid waste sent to landfill was higher than average due in part to the January 21, 2022 windstorm. The wind storm resulted in disaster debris, necessitating additional community-wide solid waste pickups.
- 1.3.3 Global recycling markets changed in 2018, resulting in more limited lists of eligible items. The change is reflected in the reduction between 2018 and 2020 recycling tonnage.
- 1.3.4 The 2022 organic waste tonnage was lower than typical due to summer watering restrictions associated with the California drought.

# GOAL 2 INDICATORS: ENVIRONMENTAL PUBLIC HEALTH AND LOCAL AGRICULTURE

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
2.1.1	Number of chemicals in City facility hazardous materials inventories	93	Maintain or reduce	84	83	85	City
2.1.2	Amount of unwanted/expired medication collected	600 lbs.	Increase	0 (Program on hold due to COVID-19)	0 (Program on hold due to COVID-19)	800 lbs.	City
2.1.3	Amount of electronic waste collected by City	201,000 lbs.	Increase	230,017 lbs.	230,520 lbs.	26,077 lbs.	City
2.2.1	Number of venues for purchase of locally grown food	3 (list below)	Maintain or increase	2	3	3	SusCom
2.2.2	Number of organizations collecting/distributing excess private/ school garden produce	2 (list below)	Maintain or increase	2	2	2	SusCom

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
2.2.3	Number of schools with fruit/vegetable areas	10 public 3 private	All	9 public 3 private	10 public 3 private	10 public	CUSD, private schools
2.2.4	Number of institutions growing food for their own use	3 (list below)	Maintain or increase	3	3	3	SusCom
2.3.1	Number of education events/articles related to organic/locally grown/healthy foods	7	Increase	22	15	16	SC, GC, CUSD, Courier, other
2.3.2	Number of events/articles that address environmental aspects of public health	6	Increase or maintain	8	4	4	SC, GC, Courier, other

#### Abbreviations:

CUSD (Claremont Unified School District), GC (Garden Club), SC (Sustainable Claremont), SusCom (Sustainability Committee)

- 2.2.1 Venues to purchase locally-grown food
  - o 2020: Claremont Farmer's Market and Uncommon Good when not impacted by pandemic-restriction
  - o 2021-2022: Claremont Farmer's Market, Pomona College Farm, Uncommon Good
- 2.2.2 Organizations collecting excess private garden produce
  - o Inland Valley Hope Partners, Uncommon Good
- 2.2.3 Number of schools with fruit/vegetable areas
  - o 2020: 9 public, 3 private
  - o 2021: All CUSD, 3 private
  - o 2022: All CUSD; private schools non-responsive to data inquiry
- 2.2.4 Institutions using food they grow
  - o Pilgrim Place, Pomona College Farm, Uncommon Good
- 2.3.1 Events/articles related to environmental public health
  - o 2020: SC (1, Air Pollution Clinic Group), GC (7 articles in newsletters)
  - o 2021: CUSD (2), GC (12 newsletters), SC (1 dialogue)
  - 2022: SC (4), GC (12 newsletters and two events)
- 2.3.2 Events/articles related to healthy food
  - o 2020: Sustainable Claremont (1 Article, "Get Creative with Raised Beds"), CUSD events (10), GC (12 newsletters)
  - 2021: SC (1: Walk to School Day), GC (3 newspaper articles)
  - o 2022: SC (1), GC (3 newsletter articles)

# GOAL 3 INDICATORS: TRANSPORTATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
3.1.1	Number of Dial-a- Ride/Get About/Claremont Group trips	45,144	Year-over-year increase	33,286	14,392	71,789	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	2.27	2.19	1.49	AQMD, Colleges,
3.1.3	Number of vehicles entering/exiting freeways in Claremont (Entrances I-10 and Indian Hill Blvd.)	25,062 (2017)	Year-over-year decrease	28,551 (2018)	20,991 (2020)	21,268 (2021)	Caltrans

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
3.2.1	Signals with pedestrian features (e.g. audible push buttons)	18 of 43 intersections	Completion of projects	18 of 43 intersections	28 of 43 intersections	28 of 43 intersections	City
3.2.2	Number of walking guides	8	Increase	8	8	9	CH, SC
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	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	No new projects in 2020	No new projects in 2021	No new projects in 2022	City
3.3.3	Number of City bike racks	96	Maintain or Increase	96	96	96	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
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	No new projects in 2020	No new projects in 2021	No New Projects in 2022	City
3.4.1	Number of synchronized signals	15 of 43 intersections	Completion of projects	15 of 43 intersections	15 of 43 intersections	15 of 43 intersections	City
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)	5 dual-port stations (City property)	City, charging companies
3.5.2	Number of Metrolink boardings/alightings	26,446 Boardings 25,775 Alightings	Increase	5,960 Boardings 8,430 Alightings	25,675 Boardings 23,473 Alightings	73,626 Boardings 54,461 Alightings	Metrolink

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
3.5.3	Number of Foothill Transit boardings/alightings	227,474 (2020)	Increase	227,472	202,754	230,339	Foothill Transit
3.6.1	Peak parking usage in the Claremont Village Parking Structure	No Current data	Downward trend	No Current data	No Current Data	No Current Data	City

#### Abbreviations:

AQMD (Air Quality Management District), CH (Claremont Heritage), ECRP (Employee Commute Reduction Program), SC (Sustainable Claremont)

- 3.2.2 Number of Walking guides:
  - o CH (9)
- 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	2020	2021	2022	AGENT(S)
4.1.1	Number of City facilities that are Zero Net Energy	0	Increase	0	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 [see below]	12 [see below]	12 [see below]	City
4.2.1	Number of private facilities meeting Zero Code for California	0	All new	65	50	59	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
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)	234 (2020)	Increase	234	118	276	City
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	All	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
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	1	3	9	City
4.3.3	Number of new City landscaping projects in the reporting year with significant sustainability features	8/8	All	1/1	1/1	No New Projects in 2022	City
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	1	0	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
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	0	City
4.6.1	Number of City facilities operated and maintained according to best sustainable practices as far as infrastructure allows	All	All	All	All	All	City

- 4.1.2 City facilities retrofitted to improve sustainability: As of 2022:
  - Hughes Center: LED lights, air scrubbers, waterless urinals, motion sensors for lights, new HVAC units and controls, cool roof
  - City Hall: Cool roof, motion sensors in four locations, air scrubbers, waterless urinals, LED lights, new HVAC units and controls
  - o Police Department: LED lights, motion sensors, T-12 bulbs retrofit to T-8s, new HVAC units and controls
  - Parking Structure: LED lighting, three dual-port electric vehicle charging stations
  - o Joslyn Center: Waterless urinals, air scrubbers, LED lighting, cool roof
  - o YAC: Waterless urinals, air scrubbers, LED lights
  - o Taylor Hall: Waterless urinals, adjustable timer air conditioning controls, LED lights
  - Wheeler Park Building: Waterless urinals
  - o Oak Park Cemetery Building: Adjustable timer for HVAC.
  - o City Yard: Solar PV installation, air scrubbers, LED lights, new HVAC units and controls
- 4.2.2 Number of private facilities permit applications in each reporting year that include retrofits to improve sustainability measures
  Includes solar, HVAC, and water heater projects
- 4.3.1 City Building Projects to Improve Sustainability
  - o Contract with Trane, Inc. to implement Comprehensive Energy Efficiency Improvement Project in 2022-23
- 4.3.2 Number of Reports designed solely to update City Council and Sustainability Committee on new Street Projects with Significant Sustainability Features
  - o 9 Council Reports and 9 Traffic and Transportation Commission Reports
- 4.3.3 Landscaping projects:
  - o 2018: Turf removal at Wheeler, Blaisdell, Memorial, Cahuilla, Lewis, Larkin, Griffith, and Jaeger Parks
  - o 2019: Turf removal at Indian Hill Blvd/Scripps and Jaeger Park
  - 2020: Turf Removal at Lewis Park
  - o 2021: Turf Removal at Cahuilla Park

# GOAL 5 INDICATORS: OPEN SPACE AND BIODIVERSITY

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
5.1.1	Acreage and location	4,070 acres	Maintain or expand	4,090 acres	4,090 acres	4,090 acres	City
5.1.2	Number of groups engaged in maintaining natural open spaces	3	Maintain or increase	3	3	3	FCHWP, BFS, City
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	21 parks, totaling 155 acres	City
5.2.2	Number of water-wise demonstration gardens	3	1 more; label plants	3	3	4	City, GC
5.2.3	Use of native plants in City- owned areas	Foothill Master Plan	Include in all median upgrades	No change	Cahuilla Park	No change	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	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]	Many [see below]	City, GC, SC, CalGB
5.2.5	Number of groups engaged in maintaining constructed open spaces	4	Increase	0	3	5	SC, City
5.3.1	Native species richness; number documented	BFS: 406 CHWP: 457 (2019–20)	Prevent decline	BFS: 406 CHWP: 457 (2019–20)	BFS: 407 CHWP: 466	BFS: 409 CHWP: 476	BFS, FCHWP
5.3.2	Number of initiatives/ activities/ actions using both abundance and richness to assess native biodiversity	1	Maintain or increase	2	3	4	BFS, FCHWP

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
5.3.3	Number of initiatives/ activities/ actions aimed at identifying, monitoring, or preserving sensitive species	0	Increase	2	4	3	BFS, FCHWP
5.3.4	Number of volunteer hours spent monitoring or managing invasive species	2,800	Maintain or increase	1,387 (decreased due to COVID-19 Pandemic)	2,527	1,045	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	<1	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	3	CalBG, BFS, FCHWP

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
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	Still waiting on CAL FIRE assessment	City
5.4.2	Number of City-owned trees	26,000 (approx.)	Increase or maintain	26,579	25,689	25,302	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: 7.24% California Sycamore: 5.61%	Crape Myrtle: 8.37% Coast Live Oak: 7.32% California Sycamore 5.69%	Crape Myrtle: 8.43% Coast Live Oak: 7.4% California Sycamore 5.79%	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	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)	Many (see below)	City, SC, GC, CalBG

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
5.5.1	Number of groups providing public events related to biodiversity/ benefits of ecosystems/ open space/trees	7 (counting Colleges as one)	Increase	2 (Decrease due to COVID-19 pandemic)	2	5	City, SC, GC, CalBG, BFS, FCHWP, Colleges
5.5.2	Number of groups giving awards to citizens related to open space issues	2	Increase	0	0	0	GC
5.5.3	Number of ways to engage public in open space/urban forest issues	12+	Maintain or increase	12+	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	All CUSD	All CUSD	CUSD, Private Schools, CWC

- 5.2.4 Number of inquiries that include requests for information about using native plants in private landscaping
  - o 2019: CalBG many hundreds, GC about 20, SC approximately 6
  - o 2020: CalBG many hundreds, GC 363 views of native pages on website, SC approximately 6
  - o 2021: CalBG many hundreds, GC 2, SC 4
  - o 2022 CalBG 1,000 or more, GC 20, SC 17
- 5.2.5 Number of groups engaged in maintaining constructed open spaces
  - o 2019: HOTS maintenance day at Oak Park Cemetery, Active Claremont
  - o 2021: Sustainable Claremont, CalBG, City
  - 2022: Friends of CHWP, Sustainable Claremont, Friends of the Bernard Field Station, Claremont Wildlands Conservancy, California Botanic Garden
- 5.3.1 Number of species richness, number documented
  - 2021: CHWP (2 new birds 7 new plants), BFS (1 new plant)
  - o 2022: BFS (1 new plant, 1 new butterfly); FCHWP: (10 new species identified but likely not new to the area)
- 5.3.2 Number of initiatives/activities/actions using both abundance and richness to assess native biodiversity
  - 2021: BFS (3 bio-monitoring program, 2020 mammal data analysis, butterfly monitoring paper published)
  - 2022: BFS (4 bio-monitoring program, butterfly monitoring paper, flower-visiting insect manuscript, and plant and microbe diversity manuscript)
- 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 - observations of Crotch's Bumble Bee
  - 2021: BFS (3 bio-monitoring program, 2020 mammal data analysis, butterfly monitoring paper published), CHWP (1 monarch and milkweed monitoring)
  - o 2022: BFS (2 bio-monitoring program, sage scrub ecosystem research projects), FCHWP (Monarch and Milkweed Monitoring)
- 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)
  - o 2020: BFS 137.5 hours, FCHWP 0 hours, Reserve Rangers 1,250 hours (all hours)
  - o 2021: BFS 27.5 hours, Reserve Rangers (2,500 hours)
  - 2022: BFS 45 hours, CHWP (1,000 hours)
- 5.3.5 Number of acres restored to native plant communities or undergoing restoration.
  - o BFS is actively restoring areas along Foothill Blvd to create an interpretive walk
- 5.3.6 Number of areas where the community can engage and learn about natural flora/fauna
  - CHWP, Bernard Field Station, California Botanic Garden. CalBG has four major garden areas SoCal Gardens, Mesa Gardens, California Plant Communities, and Grow Native Nursery.

- 5.4.5 Number of inquiries about proper care/pruning of private trees
  - o 2019: CalBG several hundred, GC approximately 20, SC 16
  - o 2020: CalBG several hundred, 80 views of tree pages on CalBG website in 2020, SC 9
  - o 2021: CalBG Many, GC 1, City 6
  - o 2022: CalBG GC 6
- 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
  - o 2020: BFS No BFS Earth Day due to Covid-19, SC Held various Zoom events, CalBG Held various online events
  - o 2021: CHWP: (1 California Biodiversity Day), CalBF (1)
  - o 2022: Garden Club, Friends of CHWP, Sustainable Claremont, Friends of Bernard Field Station, California Botanic Gardens
- 5.5.3 Number of ways to engage the public in open space/urban forest issues
  - 2022: City Tree Committee; Parks, Hillsides, and Utilities Committee; Friends of the CHWP; Community and Human Services Commission; City Council; Tree Planting Events; Arbor Day; Earth Day; Social Media; Weekly Newsletter; City Website; Walk-the-Town

# GOAL 6 INDICATORS: HOUSING AND ECONOMIC DEVELOPMENT

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
6.1.1	Movement towards RHNA requirements	1707 units needed	Meet (or exceed where appropriate)	1,711 units needed	1,711 units needed	1,624 units needed	City
6.1.2	Number of extremely low and very-low- cost housing units	3 units (2019)	554 units by 2029	5 new units; 8 total units added	14 new units; 22 total units added	12 new units, 34 total units added	City
6.1.3	Number of low- cost housing units	2 units (2019)	309 units by 2029	8 new units; 10 total units added	6 new units; 16 total units added	3 new units; 19 total units added	City
6.1.4	Number of moderate-cost housing units	41 units (2019)	297 units by 2029	45 new units; 86 total units added	1 new unit; 87 total unit added	1 new unit; 88 total units added	City
6.1.5	Number of above-moderate- cost housing units	346 units (2018)	547 units by 2029	469 new units; 815 total units added	24 new units; 839 total units added	839 new units; 876 total units added	City
6.1.6	Number of applications to build ADUs	30 units (2020)	40 units	30 units	40 units	52 applications received	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
6.1.7	Equitable distribution of affordable (extremely-low-, very-low-, and low-cost) housing throughout City	ADU Map in Sustainable City Plan (2020)	Increase	Affordable Housing Map in Progress	See Affordable Housing / ADU Map Books	10 ADUs built in Northern Claremont, 14 ADUs built in Central Claremont, 5 ADUs built in Claremont Core, 12 ADUS built in South Claremont (See Definitions below)	City
6.1.8	Number of affordable (extremely-low-, very-low-, and low-cost) houses with easy access to bus or train transportation every 15 minutes during peak hours	231	430 units by 2029	239	242	246	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
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	50:1	City
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]	[See sales tax chart below]	[See sales tax chart below]	City
6.3.2	Number of key commercial sites having some development recently completed or in progress	5	6	5	6	6	City
6.4.1	Number of developments that include a significant mixed- use component	2	Increase	2	2	2	City
6.4.2	Ratio of # of jobs to # of residential units	1:5 ratio	Maintain 1:5 ratio	1:4 Ratio	1:4 Ratio	1:2.1 Ratio	SCAG

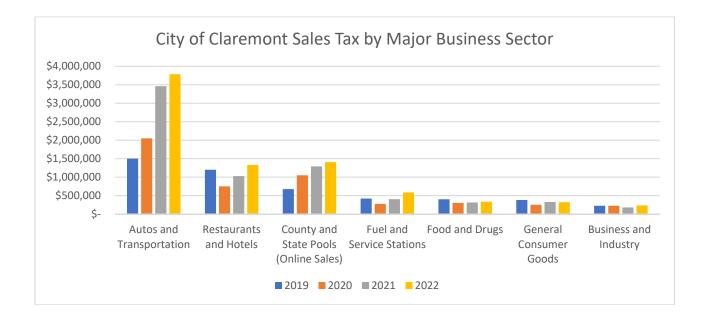
GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
6.4.3	% of residents employed in community	18.2%	Increase	Data Not Available	Data Not Available	Data Not Available	SCAG
6.5.1	Number of City capital and equipment purchases that are sustainable.	1	Increase	1	2	0	City

#### Abbreviations:

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

#### Notes/Lists:

- 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.
- 6.1.7 North Claremont North of Base Line Road; Central Claremont Between Base Line and Foothill; Claremont Core Between Foothill and Metrolink ROW; South Claremont Between Metrolink ROW and Southern City Border
- 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.
- 6.4.2 Per SCAG SoCal Atlas for 2020, there are 12,752 housing units and 27,122 employees in Claremont.



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

Project Name	Туре	Total Units	Assisted Units/ Income Level	Unit Size	Funding Source(s)	Earliest Date of Conversion	
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	
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 and 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	
Mountain Village Senior Apartment	Senior	84	21 low-income units	1&2 bedroom	Density Bonus	Earliest date of conversion: 2019 no notice filed to date	
Total		622					
Source: City of Claremont Data, 2021							

## Publicly Assisted Housing

## GOAL 7 INDICATORS: PUBLIC OUTREACH AND EDUCATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
7.1.1	Number of Sustainability Committee meetings	Irregular	Quarterly meetings	8 meetings	4 meetings	3 meetings	City
7.1.2	Regularity of Annual Sustainability Report	Last done in 2014	Annual	2020 report prepared in 2021	2019-20 report adopted in 2021	2021 report adopted in 2022	City
7.2.1	Visits to Sustainability page on City website	764 users with 951 page views	Increase	694 users with 856 page views	600 users with 680 page views	477 users with 558 page views	City
7.2.2	Visits to Sustainable Claremont website; size of mailing list	6,300 users; Mailing List: 2,200	Increase	4,000 users with 17,000 page views; Mailing List: 2,200	5,900 users with 18,000 page views; Mailing list: 2,000+	9,900 website sessions 2,000 email subscribers	SC

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
7.2.3	Use of Claremont Garden Club website; size of mailing list	1,500 page views; Mailing List: 600	Increase	2,004 users; Mailing List: 800	1,380 users; Mailing List: 825	3500 users; 4300 sessions; Mailing List: 900	GC
7.2.4	Number of public talks related to sustainability	17	At least 10/year	7	8	13	SC, GC, Colleges
7.2.5	Post reach for City social media posts	106,632 post reach, 50,412 post engagement, 408 likes	Increase	183,600 post reach 51,072 post engagement 4,224 likes	167,184 post reach 105,504 post engagement 5511 likes	127,380 post reach 126,008 engagement 1,697 likes	City
7.2.6	Number of local newspaper articles/ op-eds related to sustainability	12	At least 10/year	2	3	0	GC
7.2.7	Number of City newsletters with articles about sustainability	All	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	All	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
7.3.1	Number of active non- profit community and Sustainable Claremont programs, working groups	9	Maintain or increase	9	10	10	SC, FBBFS, CHWP
7.3.2	Number of educational institutions with programs related to sustainability	15	Increase	14	14	11	CUSD, Colleges
7.3.3	Number of major festivals and tours related to sustainability	8	Increase or maintain	2	3	56	City, SC, GC,CalBG
7.3.4	Number of award programs for citizens / businesses / other groups incorporating sustainability actions	2	Increase or maintain	2	0	0	GC
7.3.5	Number of sustainability workshops / classes offered	14	At least 10	Dozens [see below]	10	15	LA County,SC, GC, CalBG
7.4.1	Number of stakeholder groups involved in sustainability efforts	15	Increase or maintain	15	15	12	SC, CH, GC

GOAL	INDICATOR	BASELINE (2018)	TARGET	2020	2021	2022	AGENT(S)
7.4.2	Number of occasions City has been recognized for sustainability efforts	3	Increase or maintain	2	1	0	City
7.4.3	Non-profits related to sustainability that report an increase over last year in members / volunteers	4	Increase or maintain	3	3	4	SC, GC, FCHWP, BFS, FBBFS

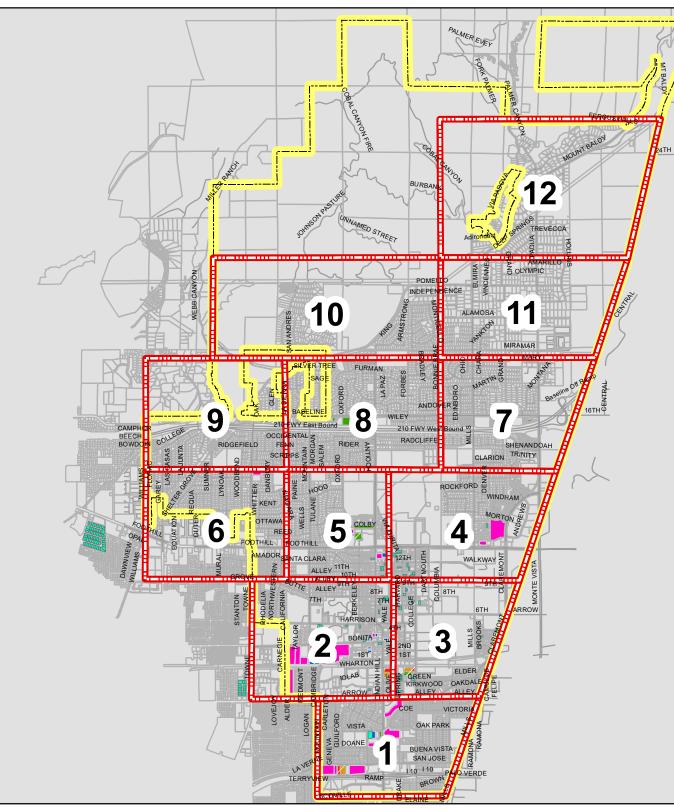
#### Abbreviations:

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
  - o 2019: GC 5; SC 9 Dialogues, 3 Urban Forest Management Plan events
  - o 2020: GC 2; SC 5 Dialogues
  - 2021: GC 0, SC 8 Dialogues
  - $\circ$  2022: GC 5, SC 7, Colleges 1
- 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
  - 2021/22: SC 6 (Water Action Group, School Action Group, Green Crew, Raised Bed Garden Program, Plant a Tree Program, Community Compost Program), 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
  - 2020-21: 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
  - o 2022: All elementary schools; CHS; Pomona, Scripps, and Claremont McKenna self-reported

- 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)
    19)
  - o 2021: City 1 (Arbor Day), SC 2 (Earth Action Week, Green Home Tour),
  - 2022: City 1 (Arbor Day), SC 3 (Earth Day, Green Home Tour, Waterwise Expo with CalBG), GC 2 (Flower Show and Garden Tour), CalBG 50 tours
- 7.3.4 Number of award programs for citizens/businesses/other groups incorporating sustainability actions
  - o 2019: SC 1 (Gala Sustainability Awards); GC 1
  - o 2020: SC 1 (Gala Sustainability Awards); GC 1
  - o 2022: GC has program but not active in 2022
- 7.3.5 Number of Sustainability Workshops/Classes Offered
  - o 2019: SC 4 Green Crew workshops; CalBG Dozens about gardening with natives
  - o 2020: SC 2 Green Crew workshops; CalBG Dozens about gardening with natives
  - o 2021: CalBG 10 gardening classes
  - o 2022: SC 2 (Foraging Workshop and Conscious Living Workshop), CalBG (13 workshops)
- 7.4.2 Number of occasions the City was recognized regarding sustainability
  - o 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"
  - o 2021: Received San Gabriel Valley Council of Governments Energy Champion Award Silver
- 7.4.3 Non-profits related to sustainability that report an increase over last year in members/volunteers
  - o 2019: Sustainable Claremont, Garden Club, BFS, FCHWP
  - o 2020/1: Sustainable Claremont, Garden Club, FCHWP
  - o 2022: Sustainable Claremont, Garden Club, BFS, FCHWP

## AFFORDABLE HOUSING AND ACCESSORY DWELLING UNIT MAP BOOKS



# City of Claremont Affordable Units

### NOTES:

Extremely Low Units to be mapped at a later date.

All properties not shown as Rentals are assumed to be owned by the occupant.

Numbers in parenthesis within the legend indicate number of units on that sheet.

Duplex Housing = 2 Units Triplex Housing = 3 Units



