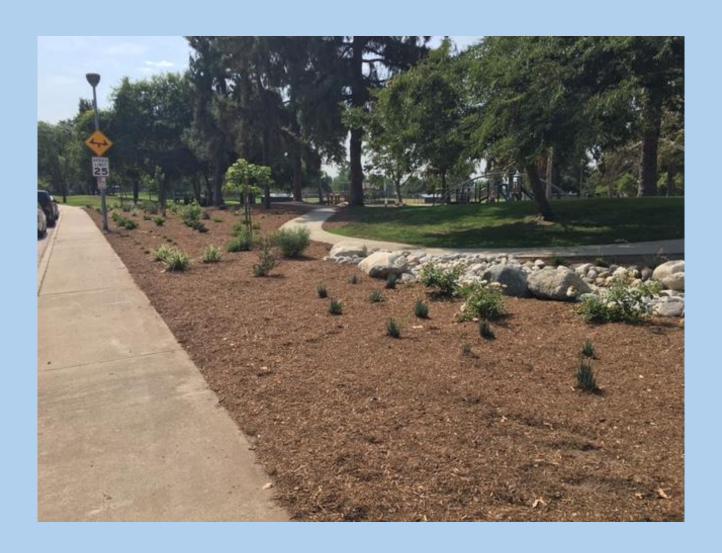
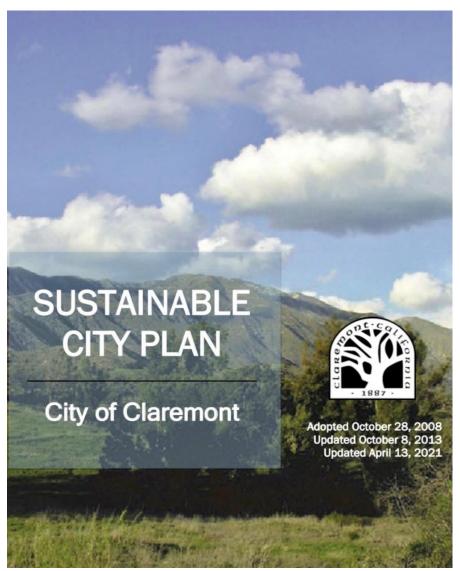


# City of Claremont Sustainability Annual Report 2021



# **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.

To continue monitoring progress for each Goal Area, an Annual Report will be prepared each year. The Annual Report tracks each indicator, comparing baseline data from the Plan to updated metrics. The 2019–2020 Annual Report was adopted in 2021. This annual report compared baseline data to data from Calendar Year 2021.

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,

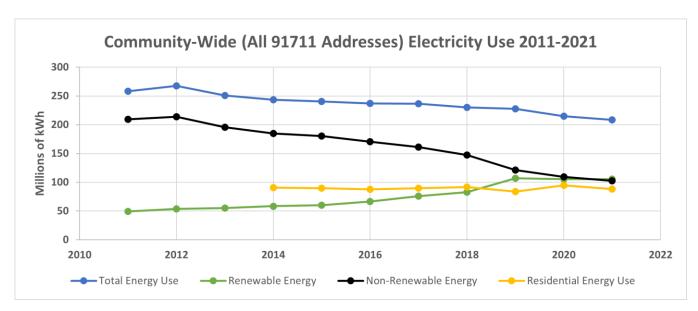
there is an appendix which includes an updated indicator table for each of the Goal Areas. Each indicator table lists baseline data from 2018, targets, and updated metrics from 2019, 2020, and 2021.

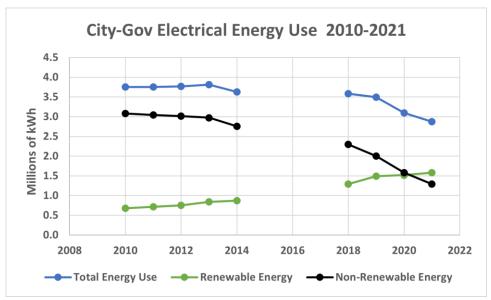
# Goal Area 1: Resource Conservation

## **Notes on the Targets**

#### Energy / Electricity

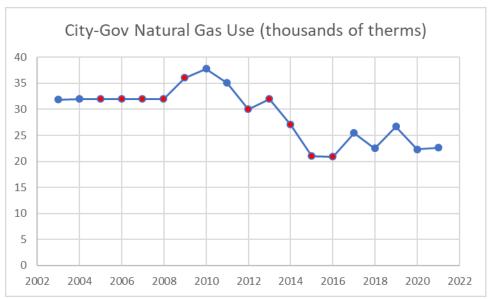
 The City and community exceeded targets for reducing electricity use and increasing renewable sources of electricity.





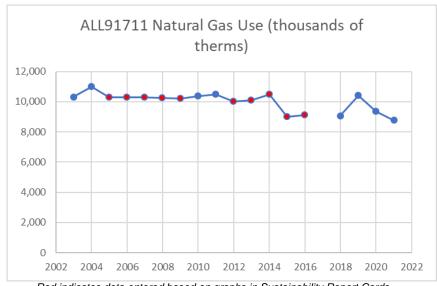
#### Natural Gas

- Natural gas usage was largely flat between 2018 and 2021, 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.

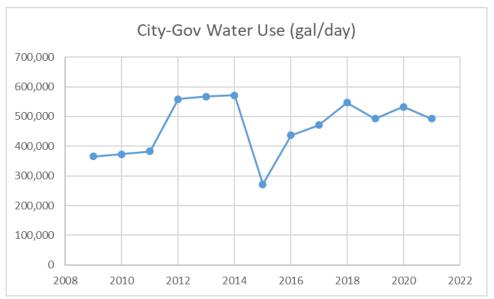
 The Claremont community (all accounts in 91711) shows stable usage since 2003, with slight reductions starting in 2015.



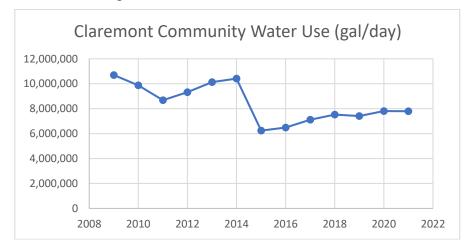
Red indicates data entered based on graphs in Sustainability Report Cards. Blue indicates data plotted based upon available, numeric data.

#### Water

• Potable water use by the City's municipal accounts was down slightly in 2021 when compared to the 2018 calendar year. 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 recent 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. Although a slight uptick in usage occurred after drought-related restrictions were lifted, usage has not returned to historic levels.



#### Solid Waste and Recycling

- Solid waste generation increased in 2021 versus prior years.
- Recycling tonnage increased versus 2020 but is down slightly from 2018–19 levels. In 2019, the City began an education campaign in response to changes to global recycling markets. Many items that were previously accepted through the City's recycling program are no longer eligible due to global market changes, and decreased recycling levels likely demonstrate a response to these changes.
- Green waste diversion returned to historic averages in 2021 after a substantial increase in 2020. The 2020 increase was likely a one-time increase due to COVID-19 stay at home orders, leading to more home-based gardening.
- Commercial food waste diversion increased more than 320% in 2021 versus the previous all-time high, signaling more widespread program adoption.



## **Notable Accomplishments**

- In 2021, the City Council approved a \$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 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.
- The City Council authorized the City Manager to enter into a 2-year lease agreement with Ways2H, Inc. to develop a demonstration Waste-to-Hydrogen Pilot Plant at the City Yard. This plant will be capable of converting one ton of biomass feedstock to 50 kilograms (kg) of hydrogen per day. The lease agreement will begin in 2022 followed by Ways2H arranging for necessary permits.

- In 2021, the City of Claremont entered into a contract with Southern California Edison (SCE) to convert 297 SCE-owned streetlights to LED. The conversion work will take place in early 2022. All City-owned streetlights were converted as part of prior conversion projects.
- The City launched a Residential Organic Recycling Pilot Program in February 2021, providing over 15% of residential customers with access to food waste recycling.
- The City expanded the Commercial Food Waste Recycling Program to serve all Claremont businesses.
- In November 2021, the City Council revised the Claremont Municipal Code to codify organic recycling and edible food recovery requirements.
- The City of Claremont continued with turf removal projects, replacing turf at Cahuilla Park.





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 2021 due to pandemic-related facility closures. This program will resume in 2022.
- There was a decrease in the number of education events and articles related to organic/locally-grown/healthy foods.

## **Notable Accomplishments**

 The Pomona College Organic Farm reopened as a venue to purchase food after temporarily closing due to COVID-19.



Pomona College Organic Farm

# Goal Area 3: Transportation

## **Notes on the Targets**

 Transit ridership on Claremont Dial-a-Ride and Foothill Transit decreased in 2021 due to the continuing COVID-19 pandemic.

## **Notable Accomplishments**

- The City added audible pedestrian features at ten (10) additional intersections in 2021.
- The City continued designing the Towne Avenue Improvement Project, including bicycle and pedestrian features.
- The City began designing the Claremont Boulevard and Monte Vista Avenue Accessibility Project, including pedestrian improvements.
- The City began designing the College Avenue and Green Street Bicycle and Pedestrian Improvement Project.

# Goal Area 4: Sustainable Built Environment

### **Notes on Targets**

• In 2021, one single-family home was built or retrofitted to Net Zero Energy standards.

## **Notable Accomplishments**

• In 2021, the City Council approved a \$6.5 million Comprehensive Facility Energy Improvement Project with Trane, Inc. This 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
Vail Park			Exterior			
Wheeler Park			Exterior			
Padua Park				1		

- The City of Claremont completed a turf removal project at Cahuilla Park, converting to a native and climate-appropriate plant palette.
- The City of Claremont issued 57 solar permits in 2021, producing a total of 452 kW.
- The City designed low-impact development improvements to capture storm water as part of the Oak Park Cemetery Expansion Project Phase 2. Construction will begin in 2022.

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

### **Notes on the Targets**

- Two new bird species and eight new plant species were identified in the Bernard Field Station and Claremont Hills Wilderness Park.
- Volunteer hours increased after a temporary decrease due to the COVID-19 pandemic.
- The number of City trees decreased versus the baseline, however remains in line with historic averages.



California Brickellbush observed in Bernard Field Station



Cactus Wren observed in Claremont Hills Wilderness Park

## **Notable Accomplishments**

 Completed Cahuilla Park Turf Removal Project, incorporating native and climateappropriate plants.

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

## **Notes on the Targets**

- The City added 14 new extremely-low- and very-low-cost housing units, six low-cost housing units, one moderate-cost housing unit, and 24 above-moderate-cost housing units. Additional work is needed to meet State targets for affordable housing construction.
- The City received 40 applications for ADUs in 2021.

## **Notable Accomplishments**

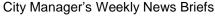
In 2021, the City Council adopted an amended Inclusionary Housing Ordinance.

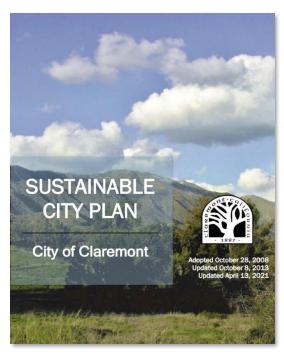
# **Goal Area 7: Public Outreach and Education**

## **Notes on the Targets**

- The City met information and advocacy targets, hosting regular Sustainability Committee meetings and adopting the 2019–20 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.
- Programs remained relatively consistent, with a continued reduction in festivals in 2021 due to pandemic-related restrictions.







Sustainable City Plan Updated April 2022

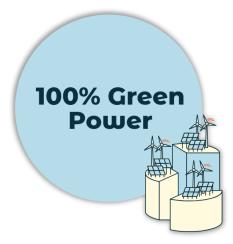
## **Notable Accomplishments**

- The Claremont City Council adopted the revised Sustainable City Plan in April 2021.
- The City was selected to participate in the U.S. Green Building Council's LEED for Cities and Communities 2021 cohort. This program is supported through a Bank of America grant.
- The City received the San Gabriel Valley Council of Governments Silver Energy Champions Award in 2021.

# **Upcoming Initiatives**

In 2022, the City of Claremont and community partners will continue to pursue actions in line with our sustainability goals. The City will:

- Continue its \$6.5 million Comprehensive Energy Efficiency Improvement Project with Trane U.S., Inc. In 2021, the City Council approved the project, and LED lighting improvements were installed at nine City facilities. In 2022, Trane will install 36 new HVAC units, new HVAC and lighting controls, 10 new transformers, two new cool roofs, and four solar photovoltaic systems with battery backup.
- Work with the Clean Power Alliance to shift its default rate to 100 percent green power.
- Enter into a lease agreement with Ways2H, Inc., and begin permitting for the demonstration Waste-to-Hydrogen Pilot Plant.
- Complete the LEED for Cities and Communities program.
- Collaborate with local water utilities to perform water conservation education and enforcement related to the California drought.
- Construct the Towne Avenue Improvement Project, including bicycle and pedestrian features.
- Construct the Claremont Boulevard and Monte Vista Avenue Accessibility Project, including pedestrian improvements.
- Advertise the College Avenue and Green Street Bicycle and Pedestrian Improvement Project, with construction anticipated in late 2022 or early 2023.
- Consider affordable housing developments, including Larkin Place.
- Expand the organic material recycling program to include all Claremont households and businesses.
- Convert 287 Edison-owned streetlights to LED.
- Initiate a contract to procure Renewable Natural Gas at its CNG Fueling Station.
- Install improvements to capture storm water as part of the Oak Park Cemetery Expansion Project – Phase 2.



Clean Power Alliance Green Power Default



Waste-to-Hydrogen Plant

## **APPENDIX – INDICATOR TABLES**

# GOAL 1 INDICATORS: RESOURCE CONSERVATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)				
1.1 En	1.1 Energy										
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	1,997,989 kWh (57% of all use)	1,578,951 kWh (51% of all use)	1,292,142 kWh (45% 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	120,966,020 kWh (53% of all use)	109,185,946 kWh (51% of all use)	102,718,059 kWh (49% 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	26,677 therms (781,902 kWh)	22,336 therms (654,668 kWh)	22,626 therms (663,168 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	282 therms per capita usage (8,264 kWh)	254 therms per capita usage (7,444 kWh)	235 therms per capita (6,888 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	61,705 gallons	City				

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	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	1,493,976 kWh (43% of all use)	1,517,183 kWh (49% of all use)	1,580,225 kWh (55% of all use)	City
1.1.7	Amount of electricity from renewable sources consumed by community (ALL91711)	82,895,624 kWh (36% of all use)	Average of 2% increase for years before next update	106,843,386 kWh (47% of all use)	105,542,247 kWh (49% of all use)	105,643,329 kWh (51% of all use)	City
1.2 Wa	ter and Wastewat	ter					
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	493,277 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	124 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	4.47 ac-ft	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)				
1.3 So	1.3 Solid Waste										
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	31,922 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	4.69 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	4,945 tons	City				
1.3.4	Amount of green waste diverted from landfills (without CUSD)	6,775 tons	Increase	6,855 tons	8,297 tons	6,434 tons	City				
1.3.5	Amount of food waste diverted from landfills (without CUSD)	253 tons	Increase	317 tons	72 tons	1,027 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	2021	AGENT(S)			
2.1 Pu	2.1 Public Health									
2.1.1	Number of chemicals in City facility hazardous materials inventories	93	Maintain or reduce	93	84	83	City			
2.1.2	Amount of unwanted/expired medication collected	600 lbs.	Increase	60 lbs.	0 (Program on hold due to COVID-19)	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.	230,520 lbs.	City			
2.2 Lo	ocal Agriculture									
2.2.1	Number of venues for purchase of locally grown food	3 (list below)	Maintain or increase	3	2	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	2019	2020	2021	AGENT(S)	
2.2.3	Number of schools with fruit/vegetable areas	10 public 3 private	All	10 public 3 private	9 public 3 private	10 public 3 private	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 Ed	2.3 Educational							
2.3.1	Number of education events/articles related to organic/locally grown/healthy foods	7	Increase	25	22	15	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	4	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
  - o 2019: Claremont Farmer's Market, Pomona College Farm, Uncommon Good
  - $_{\odot}$  2020: Claremont Farmer's Market and Uncommon Good when not impacted by pandemic-restriction
  - o 2021: 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 2019: 10 public, 3 private
  - o 2020: 9 public, 3 private
  - o 2021: All CUSD, 3 private
- 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 2019: GC (4 articles in newsletter)
  - o 2020: SC (1, Air Pollution Clinic Group), GC (7 articles in newsletters)
  - o 2021: CUSD (2), GC (12 newsletters), SC (1 dialogue)
- 2.3.2 Events/articles related to healthy food
  - o 2019: CUSD (10 events), GC (3 talks, 12 newsletters)
  - o 2020: Sustainable Claremont (1 Article, "Get Creative with Raised Beds"), CUSD events (10), GC (12 newsletters)
  - o 2021: SC (1: Walk to School Day), GC (3 newspaper articles)

# GOAL 3 INDICATORS: TRANSPORTATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)				
3.1 Tra	3.1 Transportation Mode Share										
3.1.1	Number of Dial-a- Ride/Get About/Claremont Group trips	45,144	Year-over-year increase	42,959	33,286	14,392	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	2.19	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)	No New Data	Caltrans				

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)			
3.2 Pe	3.2 Pedestrians									
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	28 of 43 intersections	City			
3.2.2	Number of walking guides	8	Increase	8	8	8	CH, SC			
3.3 Mi	icro-Mobility									
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 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	No new projects in 2021	City			
3.3.3	Number of City bike racks	96	Maintain or Increase	96	96	96	City			

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	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	Data tracking began in 2019	No new projects in 2020	No new projects in 2021	City
3.4 Cd	ongestion Reduction	n					
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 Tr	ansit / Infrastructure	е					
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	28,160 Boardings 27,375 Alightings	5,960 Boardings 8,430 Alightings	25,675 Boardings 23,473 Alightings	Metrolink

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)			
3.5.3	Number of Foothill Transit boardings/alightings	196,000 (approx.)	Increase	160,720 (approx.)	124,758	106,969	Foothill Transit			
3.6 AI	3.6 Alternatives to Driving									
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), 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	2021	AGENT(S)		
4.1 City Facilities									
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	11 [see below]	12 [see below]	City		
4.2 Pri	vately-Owned Facilit	ties							
4.2.1	Number of private facilities meeting Zero Code for California (Zero Net Energy)	0	All new	0	0	0	City		

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	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)	0	Increase	0	2	0	City
4.3 Inf	rastructure						
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	2019	2020	2021	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	3	1	3	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	1/1	City
4.4 Re	sidential Developme	nt					
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	1	City

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	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 Su	stainable Operation	and Maintenand	ce of Facilities				
4.6.1	Number of City facilities operated and maintained according to best sustainable practices as far as infrastructure allows	AII	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
    - o City Hall: Cool roof, motion sensors in four locations, waterless urinals
    - o 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
    - o YAC: Waterless urinals, T-12s retrofit to T-8s
    - o Taylor Hall: Waterless urinals, adjustable timer air conditioning controls
    - o 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.

#### As of 2021

 Above improvements, plus LED lighting improvements at nine City facilities as part of the Comprehensive Energy Efficiency Improvement Project with Trane, Inc.

#### 4.3.1 City Building Projects to Improve Sustainability

• Contract with Trane, Inc. to implement Comprehensive Energy Efficiency Improvement Project in 2021–22.

#### 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
- 2021: Turf Removal at Cahuilla Park

# GOAL 5 INDICATORS: OPEN SPACE AND BIODIVERSITY

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)			
5.1 Na	5.1 Natural Open Space									
5.1.1	Acreage and location	4,070 acres	Maintain or expand	4,070 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 Co	nstructed Open	Space								
5.2.1	Number, location, size of parks, total area	21 parks totaling155 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	3	City, GC			
5.2.3	Use of native plants in Cityowned areas	Foothill Master Plan	Include in all median upgrades	Foothill Master Plan	No change	Cahuilla Park	City			

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	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	2	0	3	SC, City
5.3 Bio	odiversity						
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: 407 CHWP: 466	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	3	BFS, FCHWP

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)
5.3.3	Number of initiatives/ activities/ actions aimed at identifying, monitoring, or preserving sensitive species	0	Increase	3	2	4	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)	2,527	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	0	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	2019	2020	2021	AGENT(S)		
5.4 Urk	5.4 Urban Forest								
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	26,000 (approx.)	26,579	25,689	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%	Crape Myrtle: 8.37% Coast Live Oak: 7.32% CA Sycamore 5.69%	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	2019	2020	2021	AGENT(S)		
5.5 Ou	5.5 Outreach								
5.5.1	Number of groups providing public events related to biodiversity/be nefits of ecosystems/o pen space/trees	7 (counting colleges as one)	Increase	6	2 (Decrease due to COVID-19 pandemic)	2	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	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	7	All CUSD	CUSD, Private Schools, CWC		

#### Notes/Lists:

- 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
  - 2020: CalBG many hundreds, GC 363 views of native pages on website, SC approximately 6
  - o 2021: CalBF many hundreds, GC 2, SC 4
- 5.2.5 Number of groups engaged in maintaining constructed open spaces
  - o 2019: HOTS maintenance day at Oak Park Cemetery, Active Claremont
  - 2021: Sustainable Claremont, CalBG, City
- 5.3.1 Number of species richness, number documented
  - o 2021: CHWP (2 new birds 7 new plants), BFS (1 new plant)
- 5.3.2 Number of initiatives/activities/actions using both abundance and richness to assess native biodiversity and
  - o 2021: BFS (3, bio-monitoring program, 2020 mammal data analysis, butterfly monitoring paper published)
- 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)
- 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)
- 5.3.5 Number of acres restored to native plant communities or undergoing restoration.
  - o BFS 0.24 cumulative number reported in 2019 and 2020. None added in 2021.
- 5.3.6 Number of areas where the community can engage and learn about natural flora/fauna
  - o 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
  - 2021: CalBF dozens, GC 1, City 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)
- 5.5.3 Number of ways to engage the public in open space / urban forest issues
  - 2021: 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	2019	2020	2021	AGENT(S)			
6.1 Miz	6.1 Mix of Housing / Affordability									
6.1.1	Movement towards RHNA requirements	1707 units needed	Meet (or exceed where appropriate)	1707 units needed	1,711 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 added	8 total units added	22 total units added	City			
6.1.3	Number of low- cost housing units	2 units (2019)	309 units by 2029	2 units added	10 total units added	16 total units added	City			
6.1.4	Number of moderate-cost housing units	41 units (2019)	297 units by 2029	41 units added	86 total units added	87 total unit added	City			
6.1.5	Number of above-moderate-cost housing units	346 units (2018)	547 units by 2029	389 units added	815 total units added	839 total units added	City			
6.1.6	Number of applications to build ADUs	30 units (2020)	40 units	Not Tracked	30 units	40 units	City			

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)
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	See Affordable Housing / ADU Map Books	City
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	242	City
6.2 Ard	chitectural History						
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

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)			
6.3 Div	6.3 Diversified Economy / Economic Justice									
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	5	6	City			
6.4 Ba	lance Jobs / Hous	ing								
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	1:5	1:4	1:4	SCAG			

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)		
6.4.3	% of residents employed in community	18.2%	Increase	18.2	Data not Available	Data not Available	SCAG		
6.5 Cit	6.5 City Purchasing								
6.5.1	Number of City capital and equipment purchases that are sustainable.	1	Increase	1	1	2	City		

### Abbreviations:

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

## Notes/Lists:

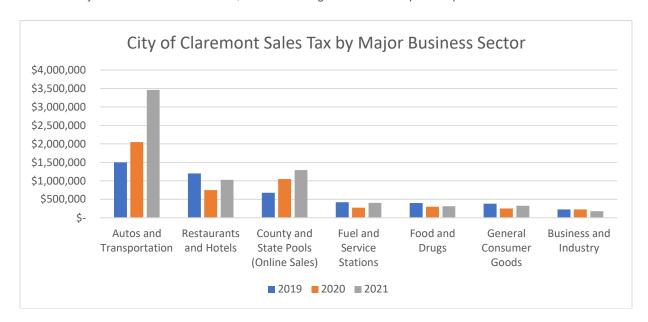
- 6.1.2 Number of very-low-cost housing units
  - Per the Annual Element Progress Report, units serving extremely-low-income households are included in the very-low-income unit totals.
- 6.1.2–6.1.5 Number of very-low to above-moderate housing units added.
  - Reported units are the cumulative total of units added since reporting the baseline year, 2019.
  - o Reported number of Publicly Assisted Housing Units based upon 2018-21 Housing Element, see below.

Table 8-21
Publicly Assisted Housing

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
Total		539	474			

Source: City of Claremont Data, 2021

- 6.3.1 Improvement in balance of economic activity by business sector
  - o 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:
  - Village Expansion Project and Old School House Specific Plan

## GOAL 7 INDICATORS: PUBLIC OUTREACH AND EDUCATION

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)		
7.1 Int	7.1 Information and Advocacy								
7.1.1	Number of Sustainability Committee meetings	Irregular	Quarterly meetings	7 meetings	8 meetings	4 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	2019-20 report adopted in 2021	City		
7.2 Pu	blicity								
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	600 users with 680 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	5,900 users with 18,000 page views; Mailing list: 2,000+	SC		

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)
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	1,380 users; Mailing List: 825	GC
7.2.4	Number of public talks related to sustainability	17	At least 10/year	17	7	8	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	167,184 post reach 105,504 post engagement 5511 likes	City
7.2.6	Number of local newspaper articles/op- eds related to sustainability	12	At least 10/year	2	2	3	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	2019	2020	2021	AGENT(S)		
7.3 Pr	7.3 Programs								
7.3.1	Number of active non- profit community and Sustainable Claremont programs, working groups	9	Maintain or increase	9	9	10	SC, FBBFS, CHWP		
7.3.3	Number of major festivals and tours related to sustainability	8	Increase or maintain	7	2	3	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	0	GC		
7.3.5	Number of sustainability workshops/classes offered	14	At least 10	Dozens [see below]	Dozens [see below]	10	LA County,SC, GC, CalBG		
7.4 As	7.4 Assessment								
7.4.1	Number of stakeholder groups involved in sustainability efforts	15	Increase or maintain	15	15	15	SC, CH, GC		

GOAL	INDICATOR	BASELINE (2018)	TARGET	2019	2020	2021	AGENT(S)
7.4.2	Number of occasions City has been recognized for sustainability efforts	3	Increase	1	2	2	City
	Non-profits related to sustainability that report an increase over last year in members/volunteers	4	Increase or maintain	4	3	3	SC, GC, FCHWP, BFS, FBBFS

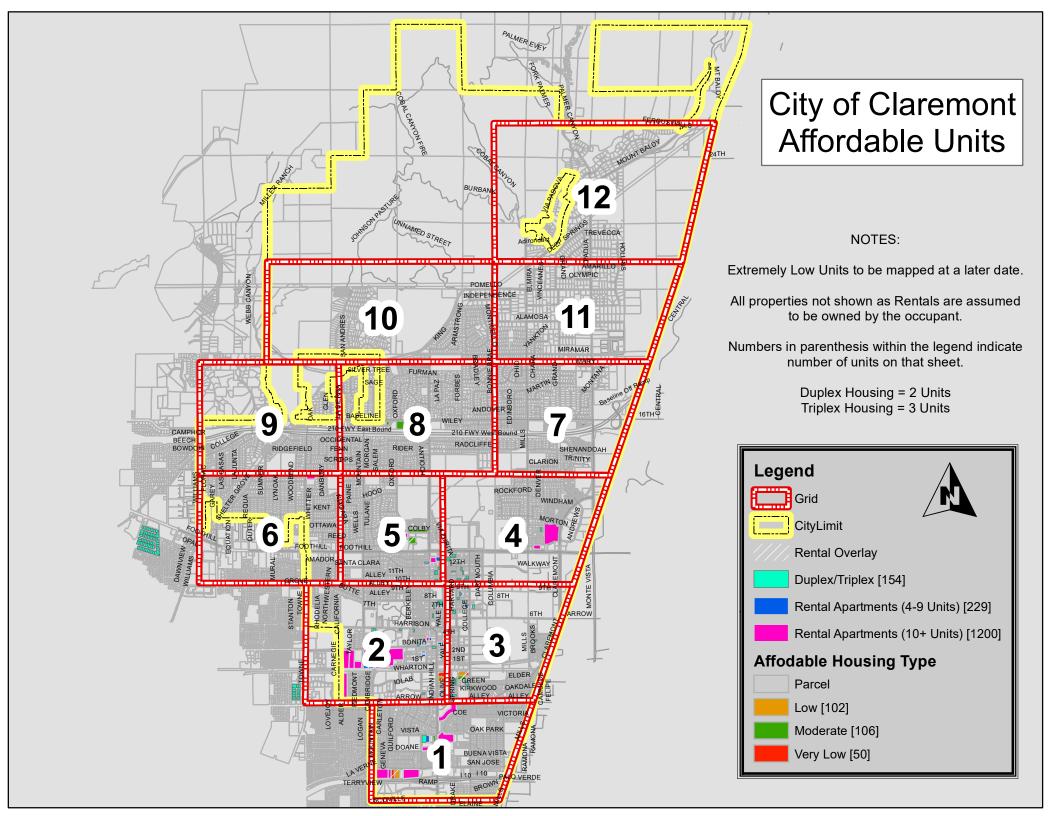
#### Abbreviations:

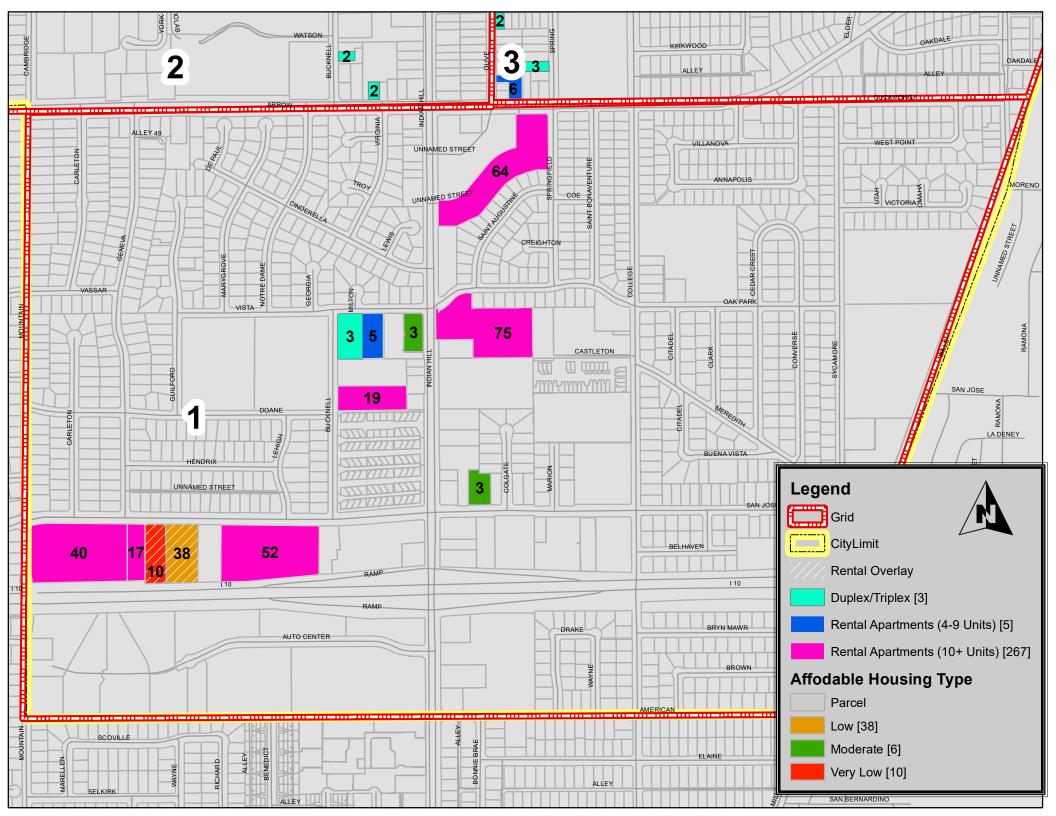
BFS (Bernard Field Station), CalBG (California Botanic Garden, formerly Rancho Santa Ana Botanic Garden), CH (Claremont Heritage), CHWP (Claremont Hills Wilderness Park), CUSD (Claremont Unified School District), CWC (Claremont Wildlands Conservancy), FBBFS (Friends of the Bernard Biological Field Station),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

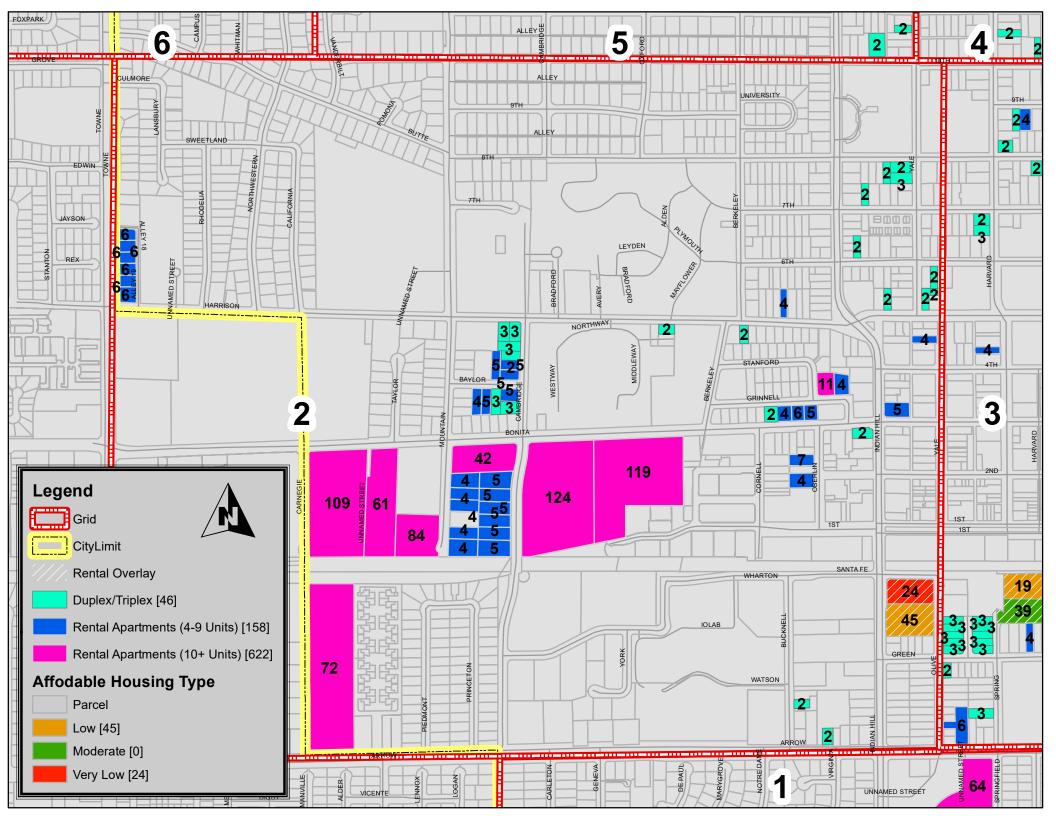
- 7.2.4: Number of public talks related to sustainability
  - o 2019: GC 5; SC 9 Dialogues, 3 Urban Forest Management Plan events
  - o 2020: GC 2; SC 5 Dialogues
  - 2021: GC 0, SC 8 Dialogues
- 7.3.1: Number of active non-profit community and Sustainable Claremont programs, working groups
  - 2019 and 2020: SC 6 (Green Crew, Garden Club, School Action Group, Ecofarm, Dialogs, Demystifying Sustainability); FBBFS;
     FCHWP; Active Claremont
  - 2021: 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: 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)
  - 2021: City 1 (Arbor Day), SC 2 (Earth Action Week, Green Home Tour),

- 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
- 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
- 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"
  - 2021: Selected for LEED for Cities and Communities 2021 Cohort. 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: Sustainable Claremont, Garden Club, FCHWP

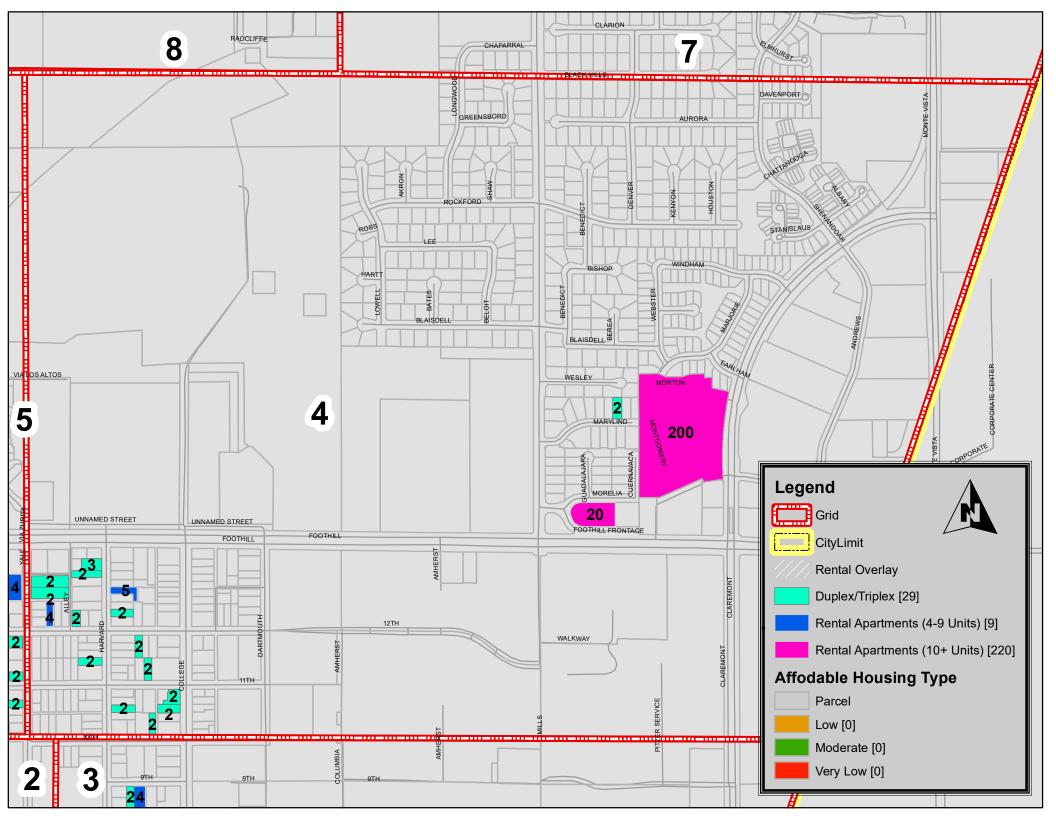
# AFFORDABLE HOUSING AND ACCESSORY DWELLING UNIT MAP BOOKS

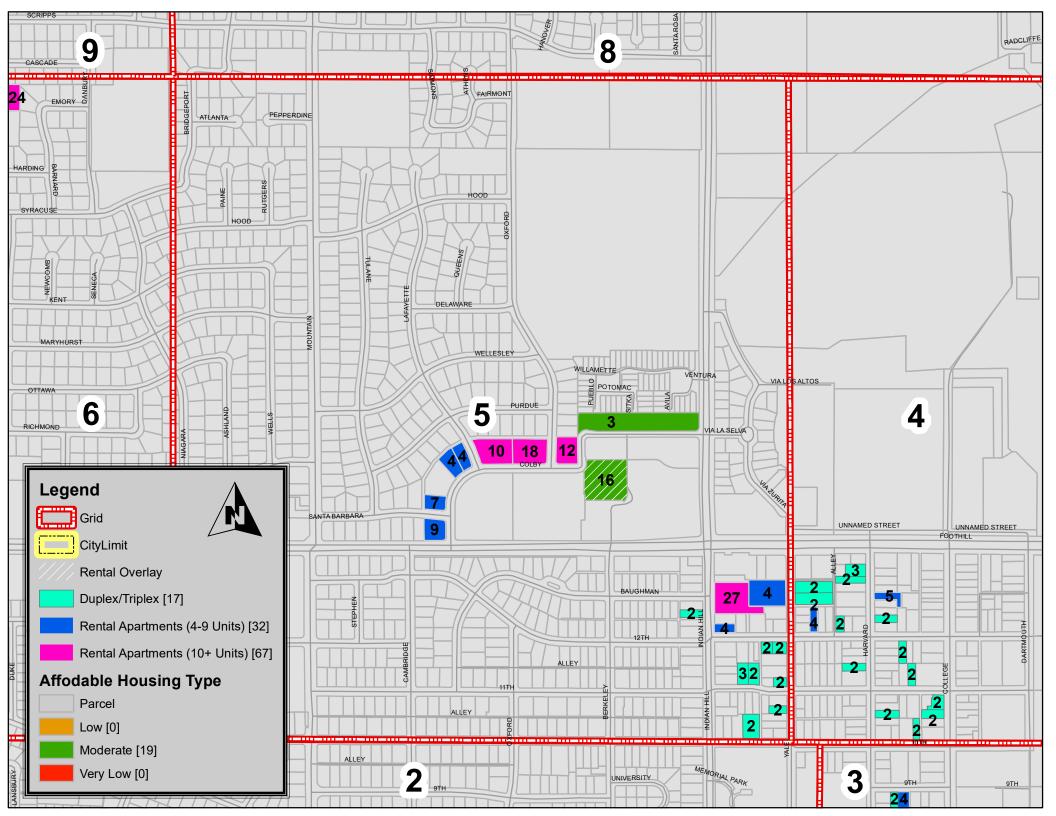


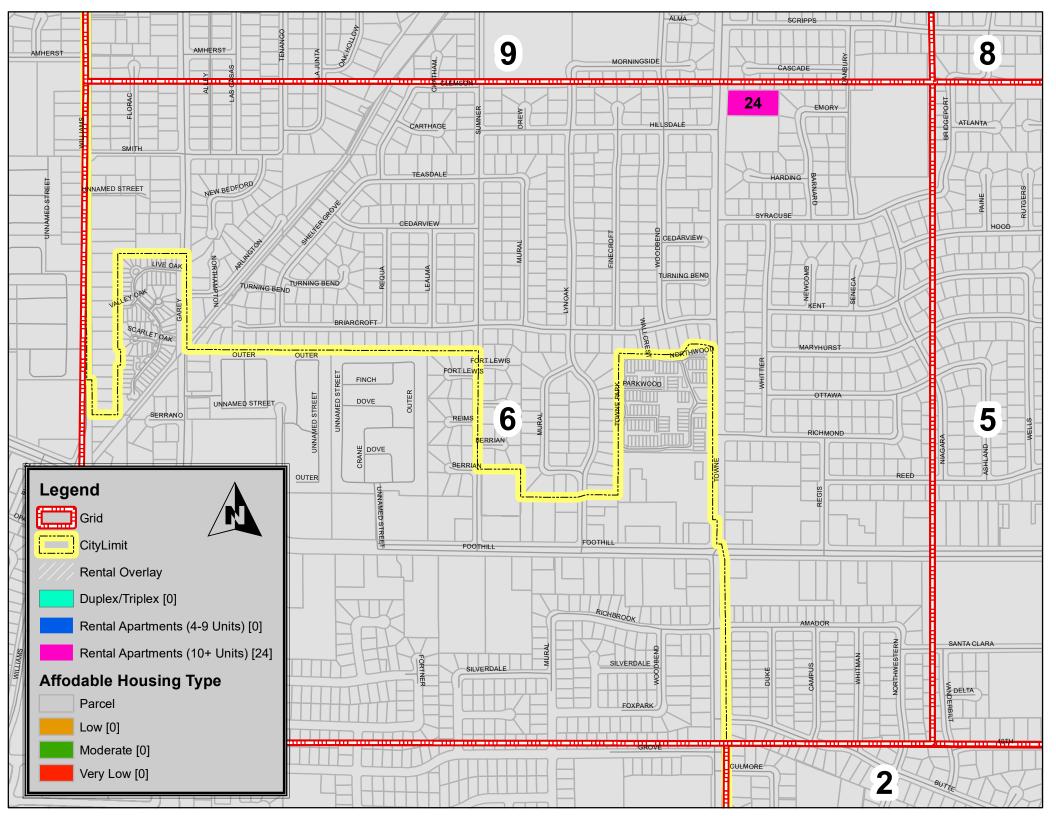






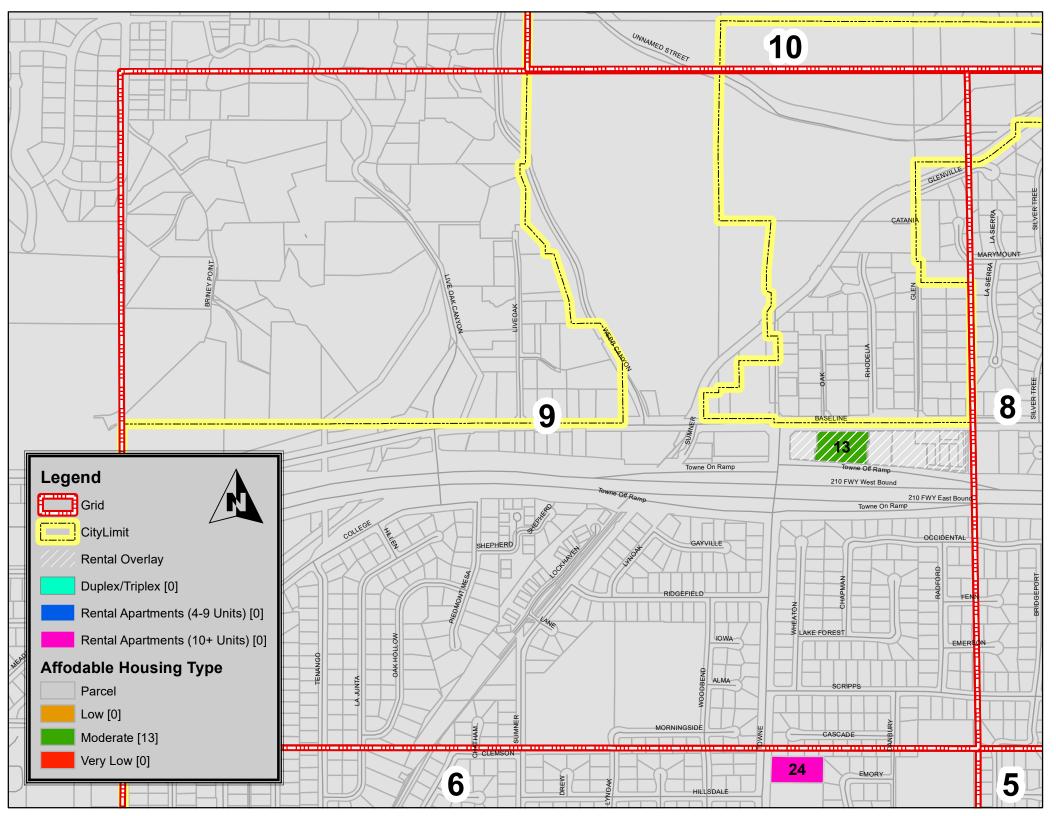


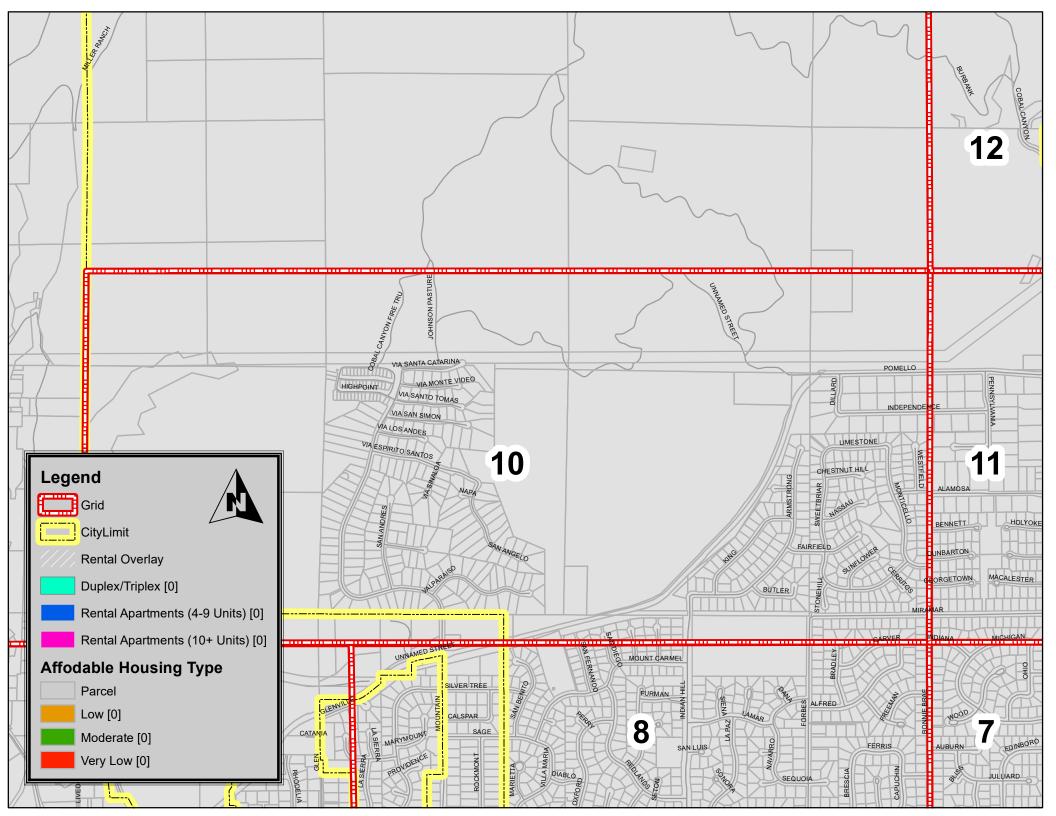


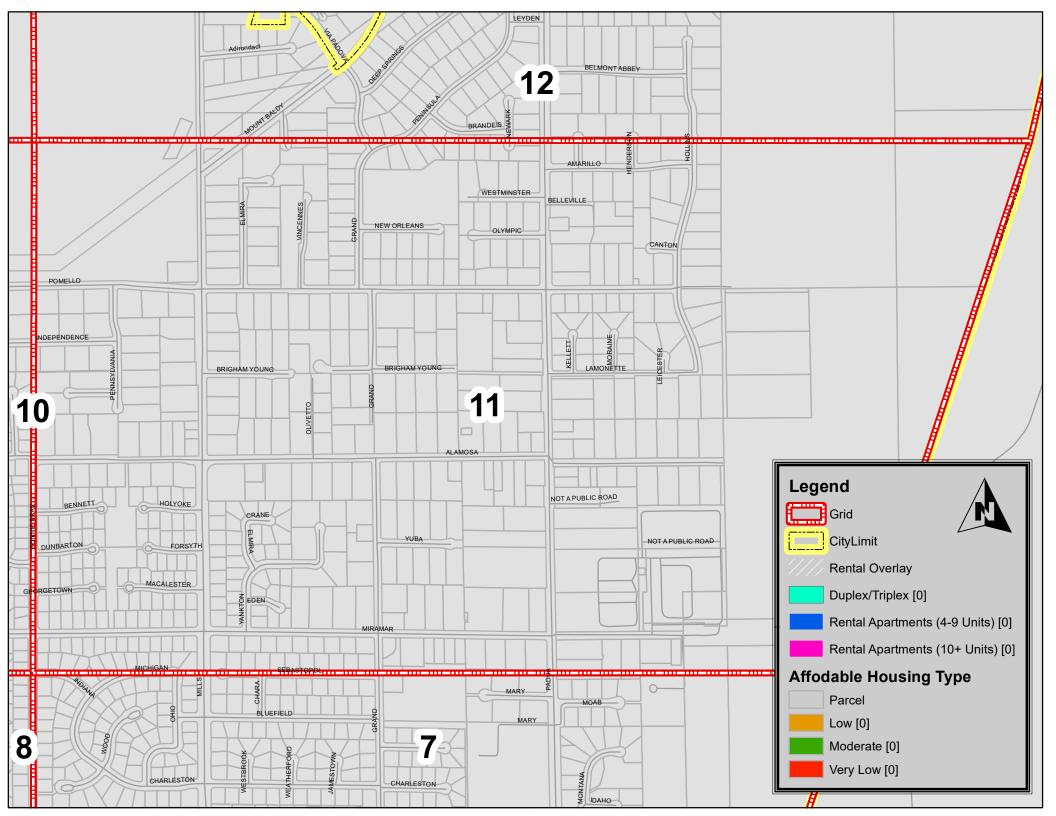


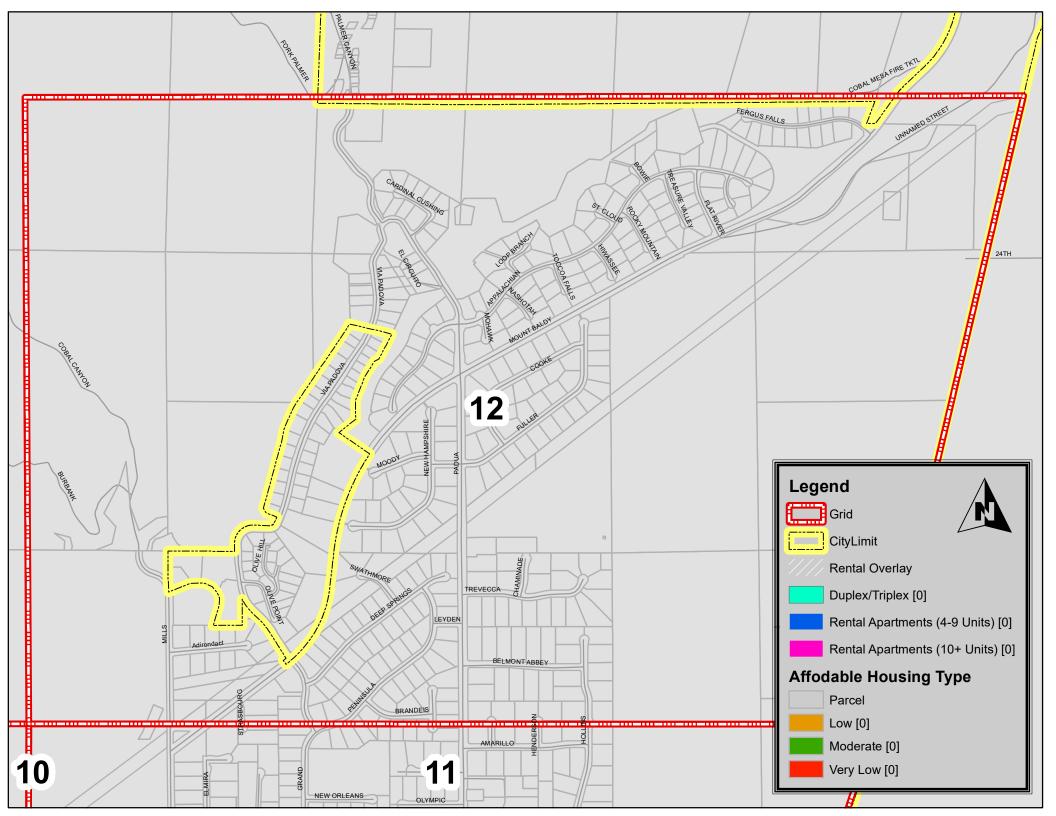












## City of Claremont Accessory Dwelling Units

## NOTES:

ADU's Prior to 2015 & Un-Permitted Are Not Shown. ADU's are all single units.



