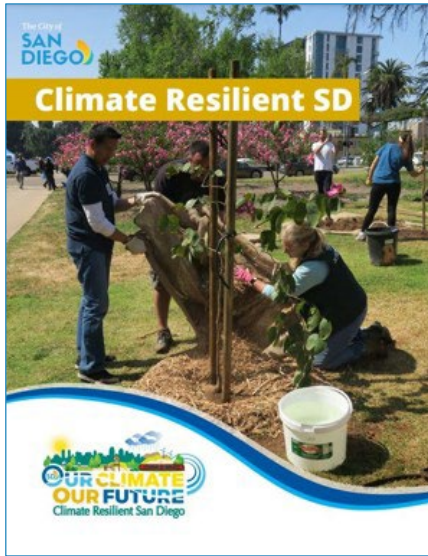
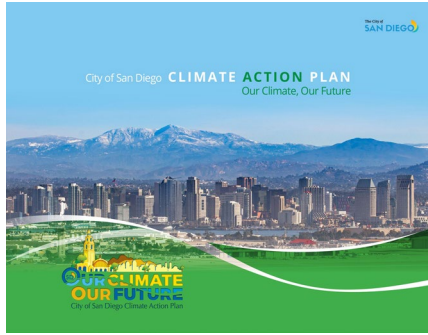




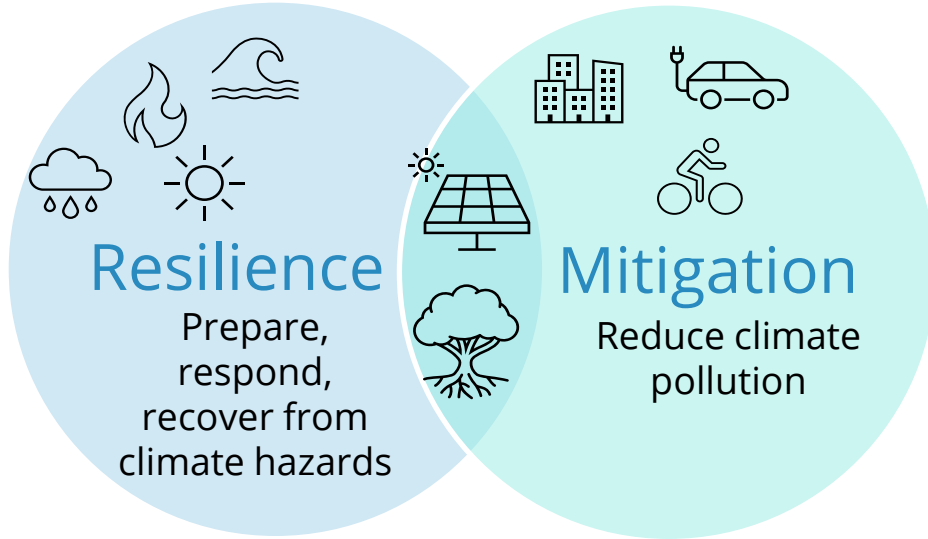
Climate Ready SD

Climate Action Plan & Climate Resilient SD update

Climate Advisory Board
October 6, 2026



Climate Resilient SD and the Climate Action Plan



Climate Action Plan

To respond to the climate crisis, the **2022 Climate Action Plan** set an ambitious goal to **achieve net zero emissions by 2035**, ten years earlier than the statewide goal

- Includes regular monitoring and annual reporting on progress
 - Calls for releasing an updated Climate Action Plan in 2027
 - Implementation Plan completed in 2023, updated in 2025
-

The World Has Changed...

- Climate hazards already impacting communities
- Global emissions increasing
- Evolving community priorities
- Federal and State priorities changing
- New laws and regulations

So Should the City's Approach to Climate

- Work more efficiently, better leverage resources
- Deliver solutions that provide the most community benefits
- Provide affordable, cleaner, safer, communities
- Improve daily life for San Diegans
- ...and reduce emissions

Climate Ready SD

What is Climate Ready SD?

City's plan to adapt and thrive under changing climate conditions and do its part for a healthier, safer San Diego.

Will **combine the Climate Action Plan and Climate Resilient SD**, into a **single, integrated plan** focused on improving quality of life.



Core Principles of Climate Ready SD

- **Visionary:** build on City's leadership and climate progress, continue advancing strategies for a climate-ready future
- **Achievable:** set clear, measurable goals aligned with the City's authority, resources, capacity and evolving climate conditions
- **Collaborative:** communicate the critical role of coordinated action across all levels of government, social and economic life in meeting climate goals



Core Principles of Climate Ready SD (cont.)

- **Equitable:** prioritize communities most affected by climate change and ensure climate investments deliver broadly shared benefits
 - **Strategic:** enable prioritization of actions with the greatest impact at the best cost
 - **Actionable:** address costs, lead departments and key implementation details
 - **Accountable:** create a clear framework for measuring success and reporting
-



Benefits of a Combined Plan

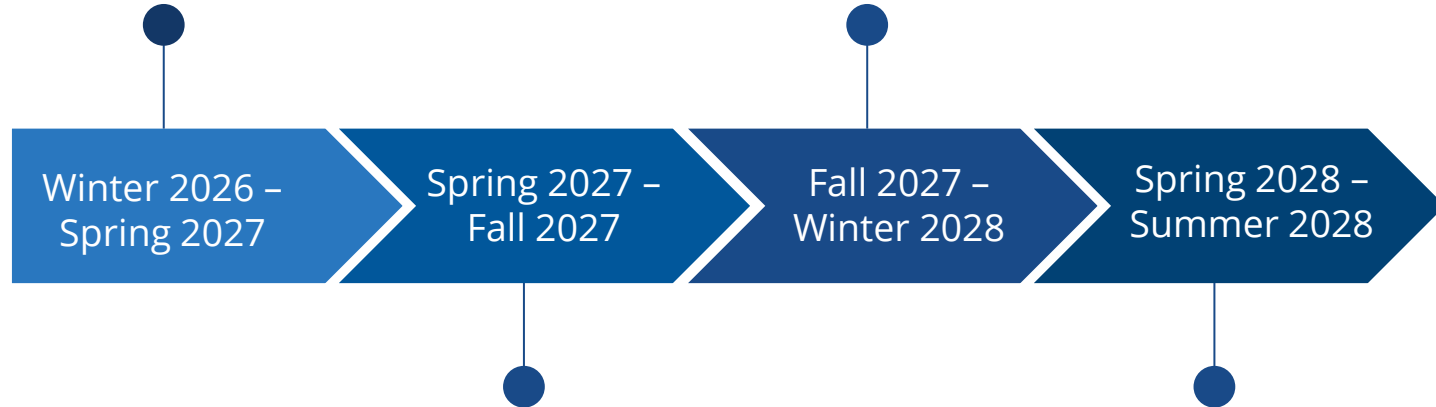
- Better captures the interrelated nature of climate action and climate resilience
 - More meaningful community engagement
 - Fewer engagement points and less time investment for community members
 - The average person doesn't make a distinction between climate action and resilience; they just want to see changes that improve their lives and communities
 - Easier to monitor and update
-

1. Understand Today's Climate & What's Ahead

Identify existing conditions and future projections for climate hazards and emissions, highlighting the challenges these present for San Diego's communities

3. Prioritize Strategies & Outcomes

Assess potential actions for feasibility and effectiveness, balancing ambition with practical concerns



2. Develop Climate Solutions

Review potential actions to strengthen community resilience, meet community needs and reduce emissions

4. Finalize Climate Ready SD

Use analysis and community input to inform development of draft plan



Next Steps

Resiliency Advisory Board

Share update at October advisory board meeting

Environment Committee

Launch Climate Ready SD at “Climate Day” in November

Webpage

Project webpage to go live following Environment Committee



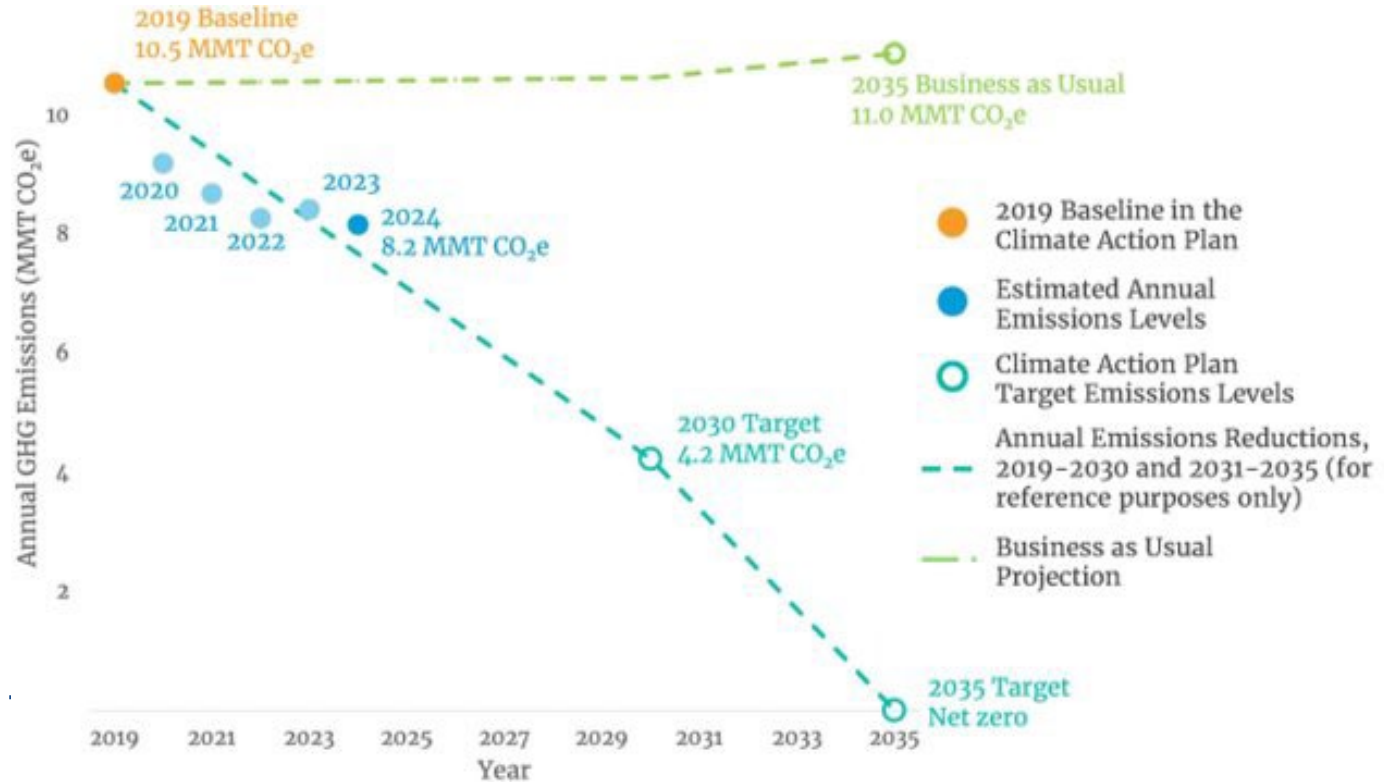
Citywide Greenhouse Gas Emissions and Climate Action Plan Reduction Targets



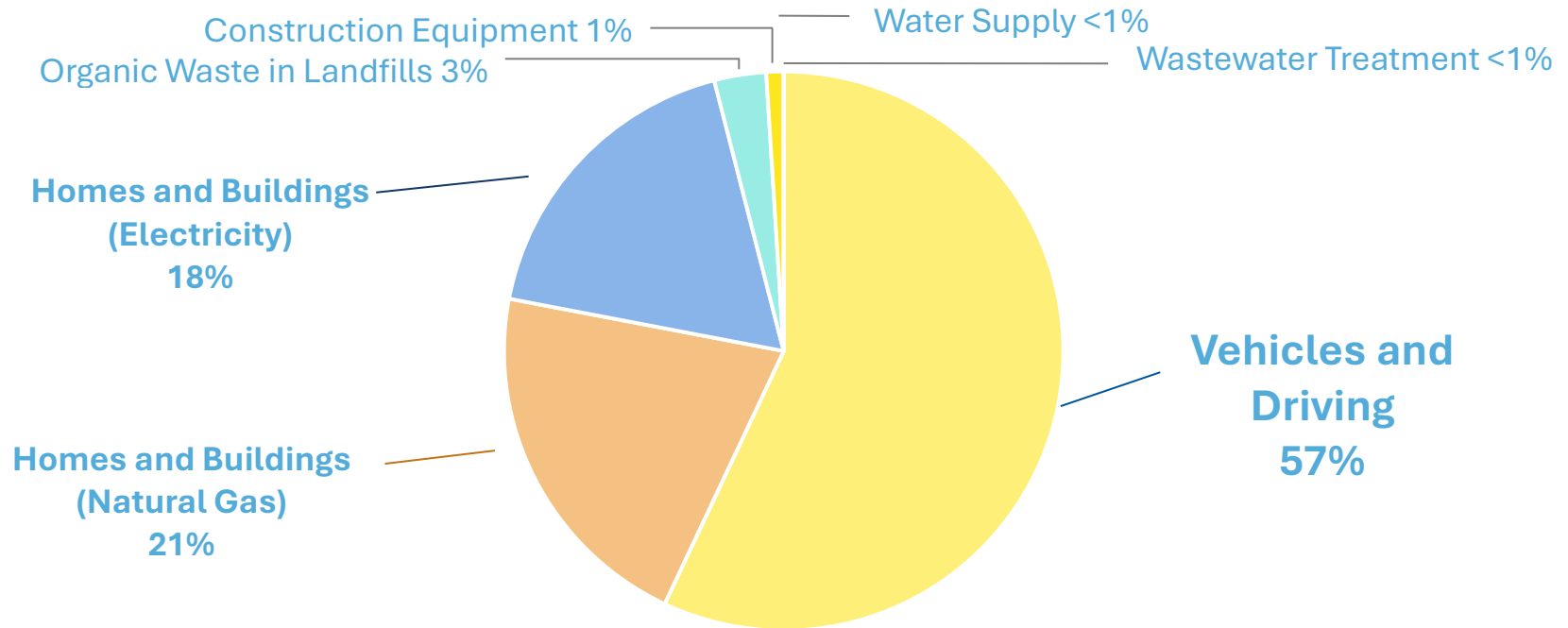
23% from 2019



3% from 2023



Sources of Greenhouse Gas Emissions, 2024



Annual Greenhouse Gas Emissions Levels by Sector, 2019-2024

Emissions Sector	Annual Emissions Levels (MMT CO ₂ e)							
	2019	2020	2021	2022	2023	2024	Percent Change	
							2019-24	2023-24
Vehicles and Driving	5.85	4.65	4.68	4.63	4.67	4.64	-21%	< -1%
Homes and Buildings (<i>Electricity</i>)	2.34	2.29	1.71	1.56	1.59	1.48	-37%	-7%
Homes and Buildings (<i>Natural Gas</i>)	1.91	1.83	1.92	1.73	1.80	1.71	-11%	-5%
Organic Waste to Landfill	0.28	0.27	0.22	0.21	0.21	0.22	-22%	1%
Construction Equipment	0.07	0.06	0.06	0.06	0.06	0.06	-17%	0%
Water	0.06	0.07	0.07	0.07	0.06	0.05	-16%	-11%
Wastewater	0.03	0.02	0.02	0.01	0.01	0.01	-54%	-8%
TOTAL	10.54	9.19	8.68	8.26	8.41	8.16	-23%	-3%

Performance Indicators – Vehicles and Driving

How many miles of driving?

What kinds of vehicles?

2019 to 2024

Less driving (-12% miles driven)

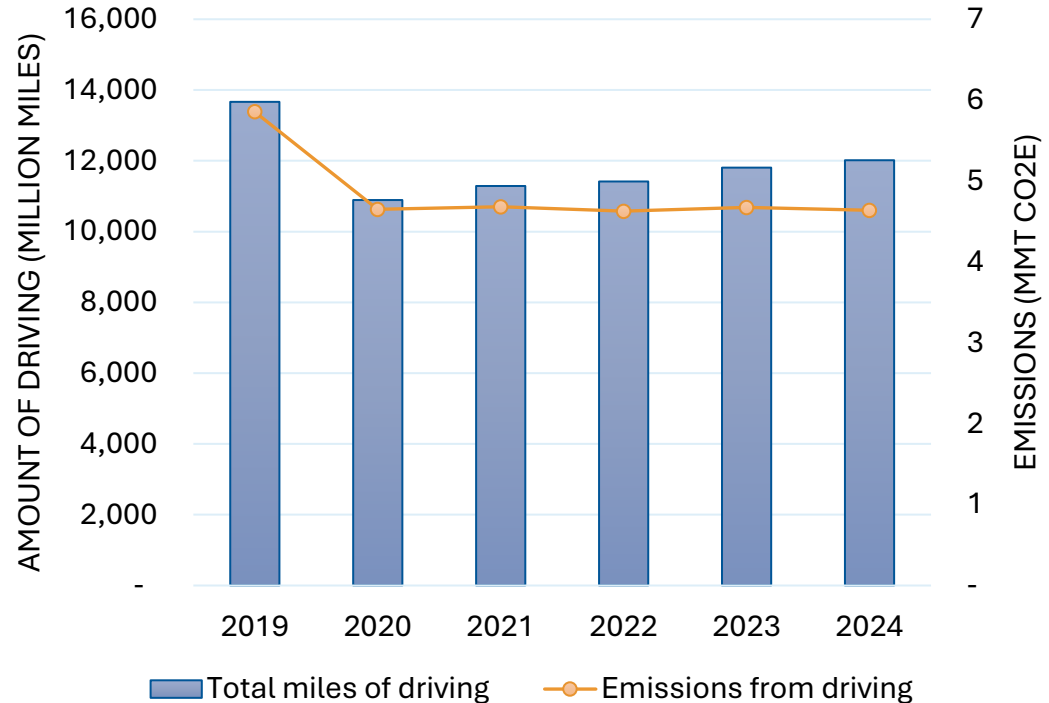
Cleaner vehicles (-10% pollution/mile)

2023 to 2024

More driving (+2% miles driven)*

Cleaner vehicles (-3% pollution/mile)

After decreasing 20% from 2019 to 2020 (COVID-19 pandemic), amount of **driving increased 2-3% per year from 2021-24*



Vehicle Miles Traveled and Driving Emissions, 2019-2024

Performance Indicators – Vehicles and Driving

Electric Vehicles

More electric vehicles and public charging

- Electric vehicles +25% (2023-24)
- Level 2 chargers +29% (2024-25)
- Fast chargers +38% (2024-25)

*Number of **electric vehicles** increased **265%** from 2019-24*

Bikeways and Sidewalks

More places to walk, ride and roll

- New bikeways
- 24 miles (2025)
- Sidewalks repaired/replaced
- 22 miles (2025)

*Over **530 miles** of new and improved bikeways and 69 miles of new and improved sidewalks installed from 2019-25*

Public Transit Use

More people taking transit

- Boardings +10% (2023-24)
- More boardings each year since 2020

Boardings (-6%) remain below pre-pandemic (2019) levels

Performance Indicators – Vehicles and Driving

Planning for More Homes and Jobs in Climate Smart Village Areas

Most new homes were permitted in these areas from 2021-2025:

- 90% of all new homes (32,954 units)
- 95% of new affordable homes (6,849 units)

A larger share of new homes was permitted in these areas in 2025:

- 95% of 7,630 new homes
- 99% of 2,050 new affordable homes

*Recent community plan updates – College Area and Clairemont – added **opportunities for 32,000 new homes** in Climate Smart Village Areas*

Performance Indicators – Homes and Buildings

How much energy is used?

What sources of energy?

2019 to 2024

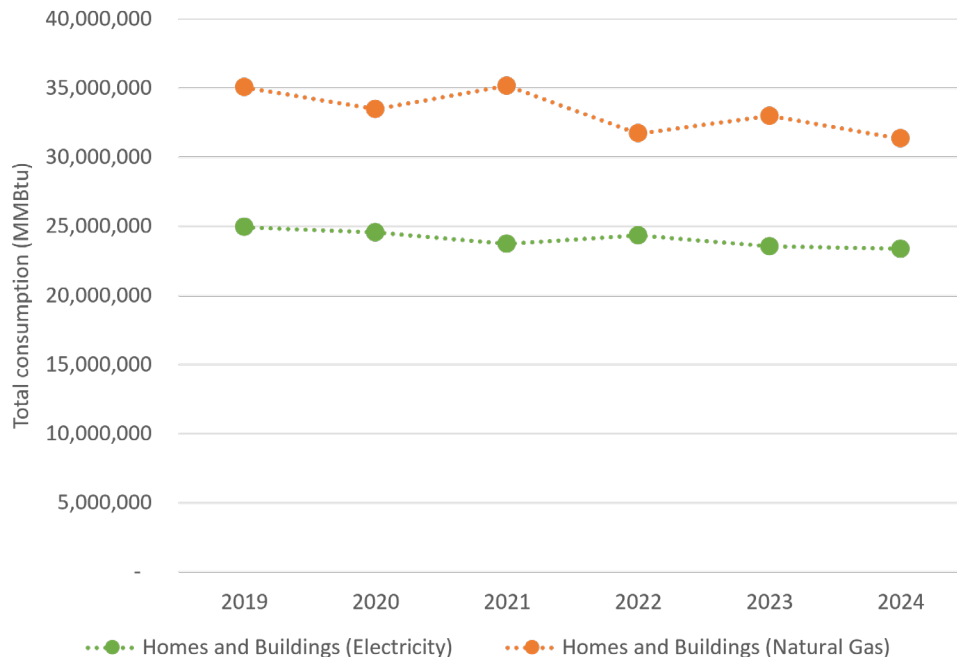
Less energy use (-11% natural gas, -6% grid electricity)

Cleaner electricity (-37% emissions)

2023 to 2024

Less energy use (-5% natural gas, <1% grid electricity)

Cleaner electricity (-7% emissions)



Grid Electricity Use & Natural Gas End Uses, 2019-2024