

2025 Annual Climate Action Plan Report

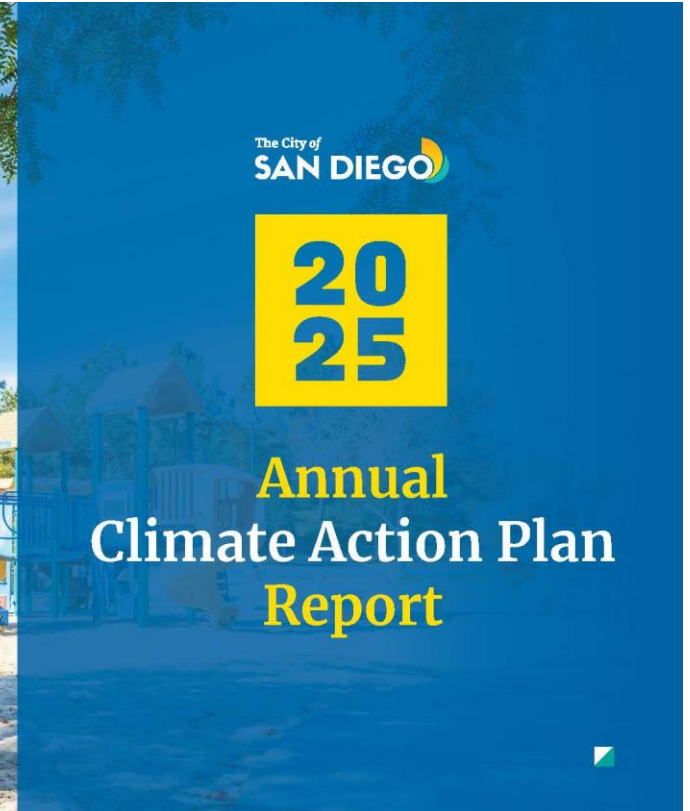
Climate Advisory Board
July 7, 2026

Climate Action Plan Reporting

2025 Annual Report

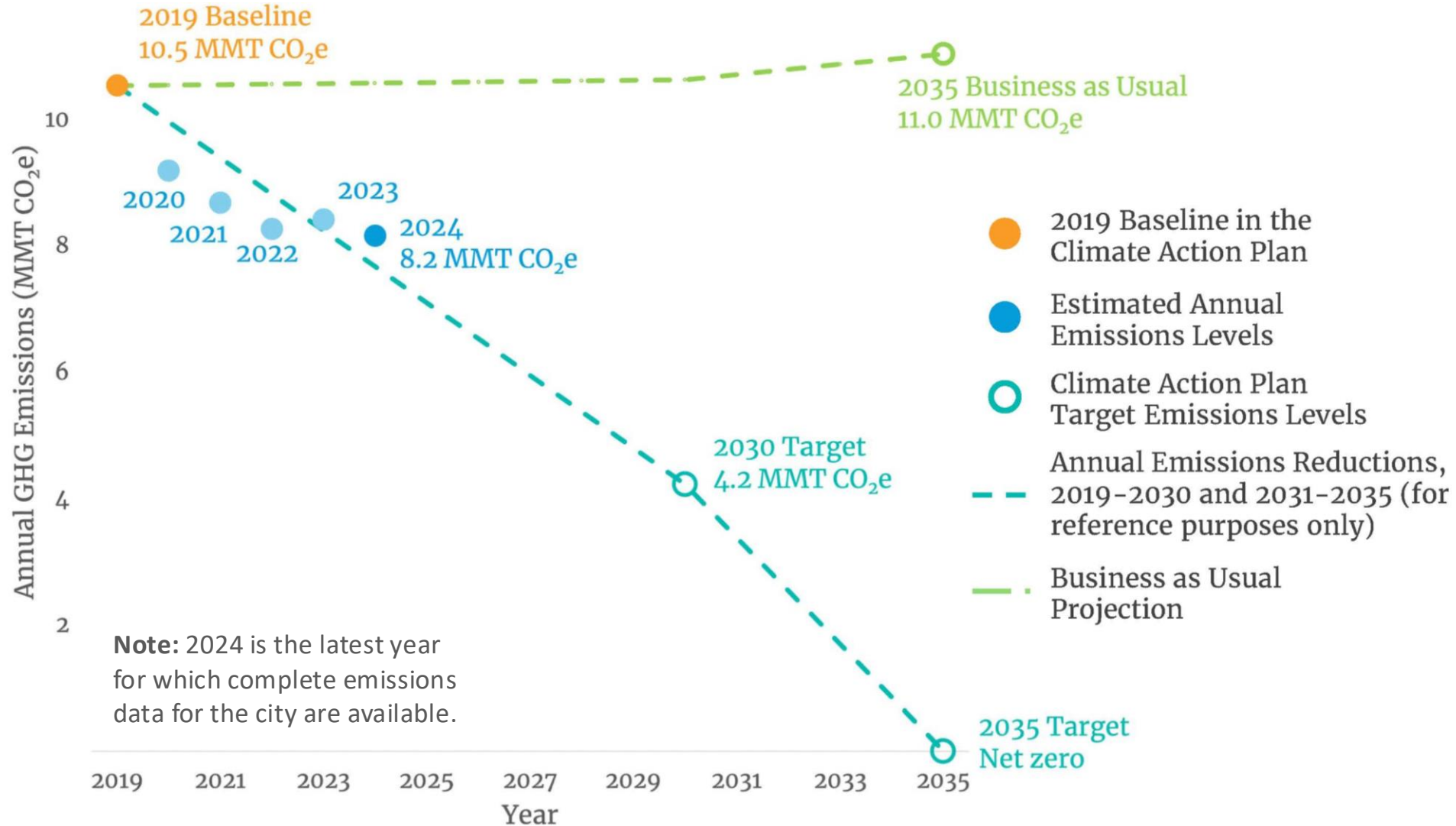
- Best available data on progress toward [Climate Action Plan](#) goals
- Comprehensive, citywide inventory of climate pollution in 2024
- Latest emissions estimates for 2019-2023
- Comparisons to prior year and 2019
- Key indicators for understanding how and why emissions are changing over time

Annual progress reports since 2016 and regular updates on [Climate Action Plan Dashboard](#)

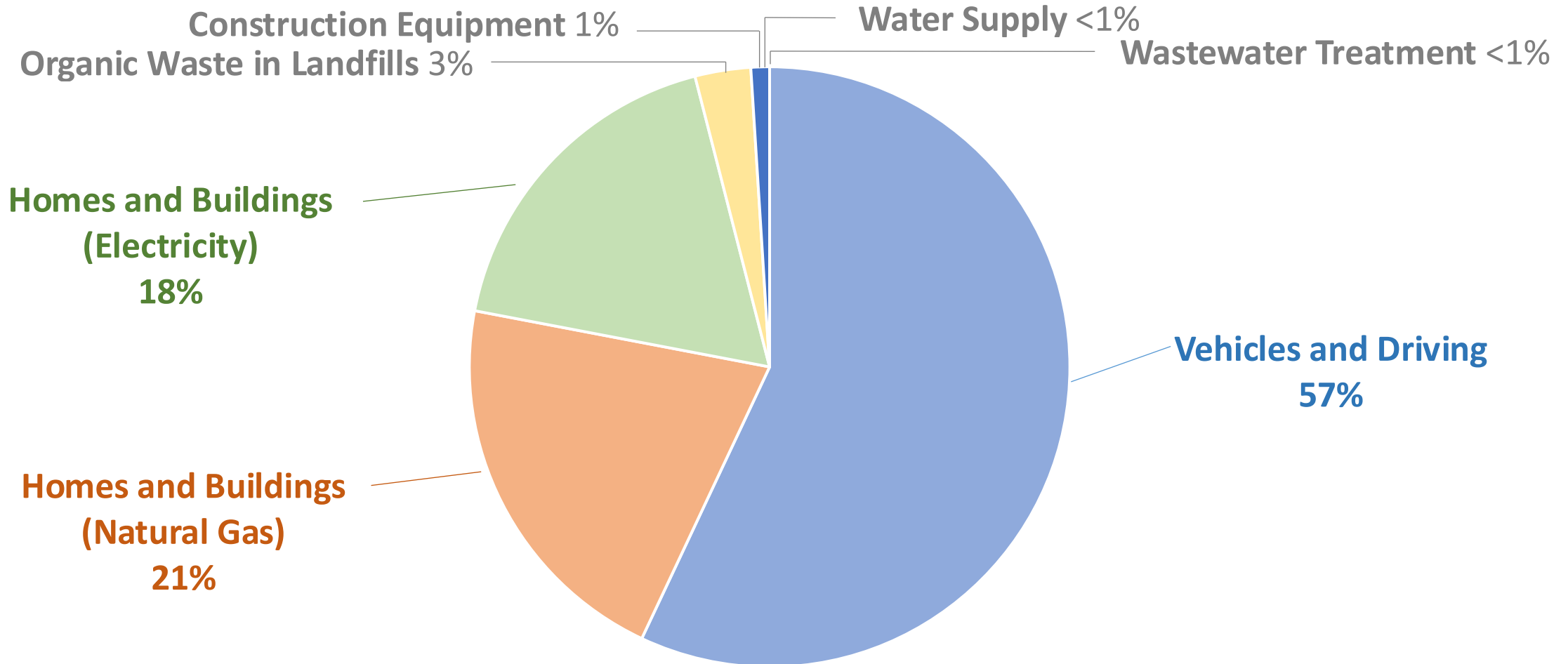


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Citywide Greenhouse Gas Emissions and Climate Action Plan Reduction Targets



Sources of Greenhouse Gas Emissions in 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?

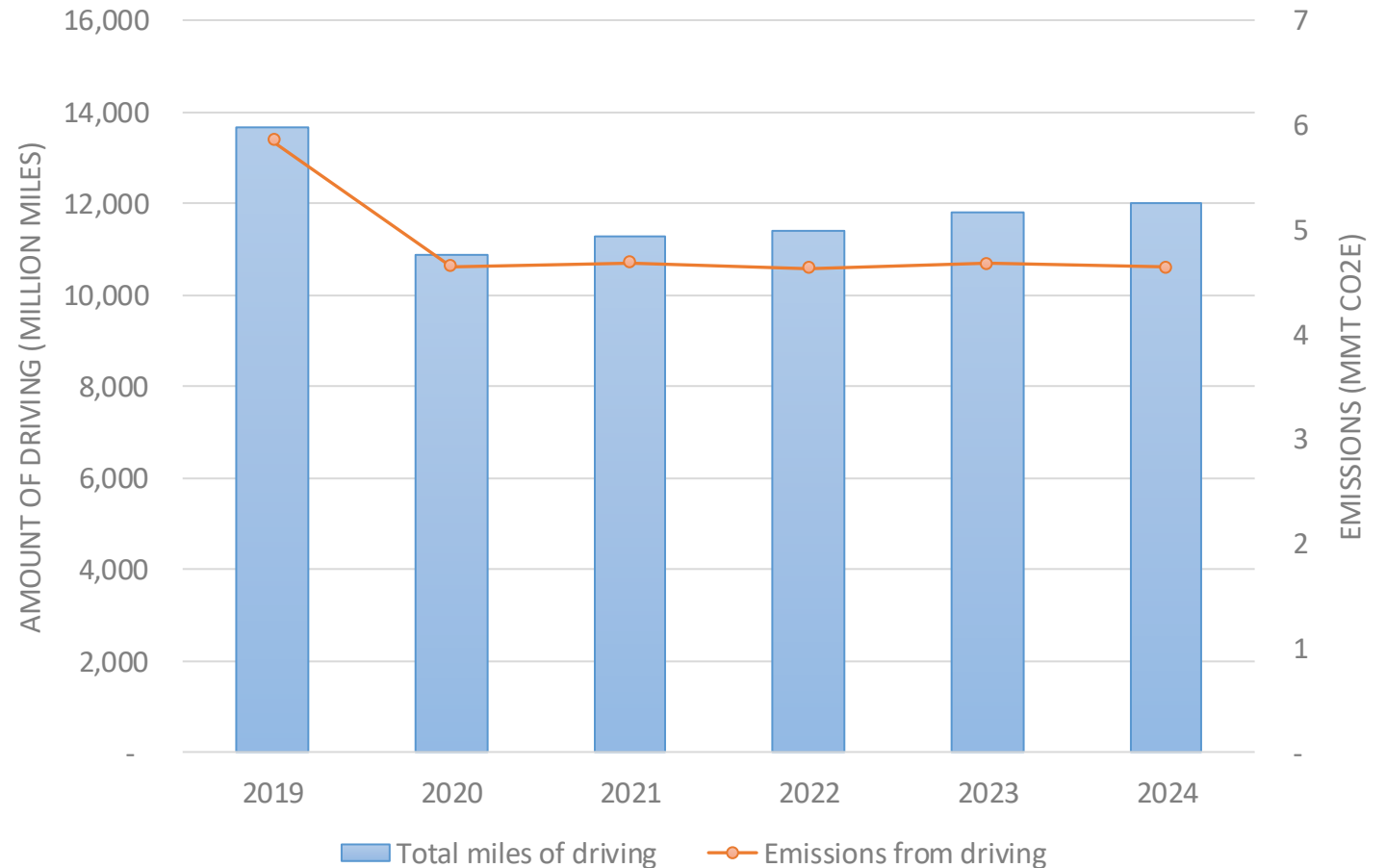
2019 to 2024

- **Less driving** (-12% miles driven)
- **Cleaner vehicles** (-10% pollution per mile)

2023 to 2024

- **More driving** (+2% miles driven)*
- **Cleaner vehicles** (-3% pollution per 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**

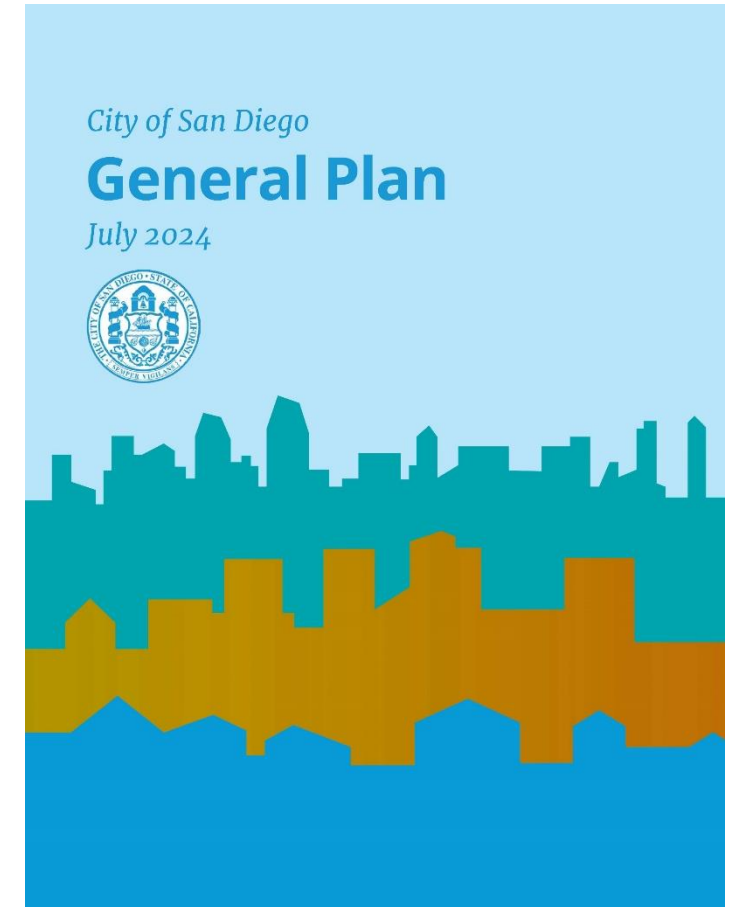
Most new homes were permitted in these areas from 2021-2025:

- 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 (electricity and natural gas)

How much energy is used?

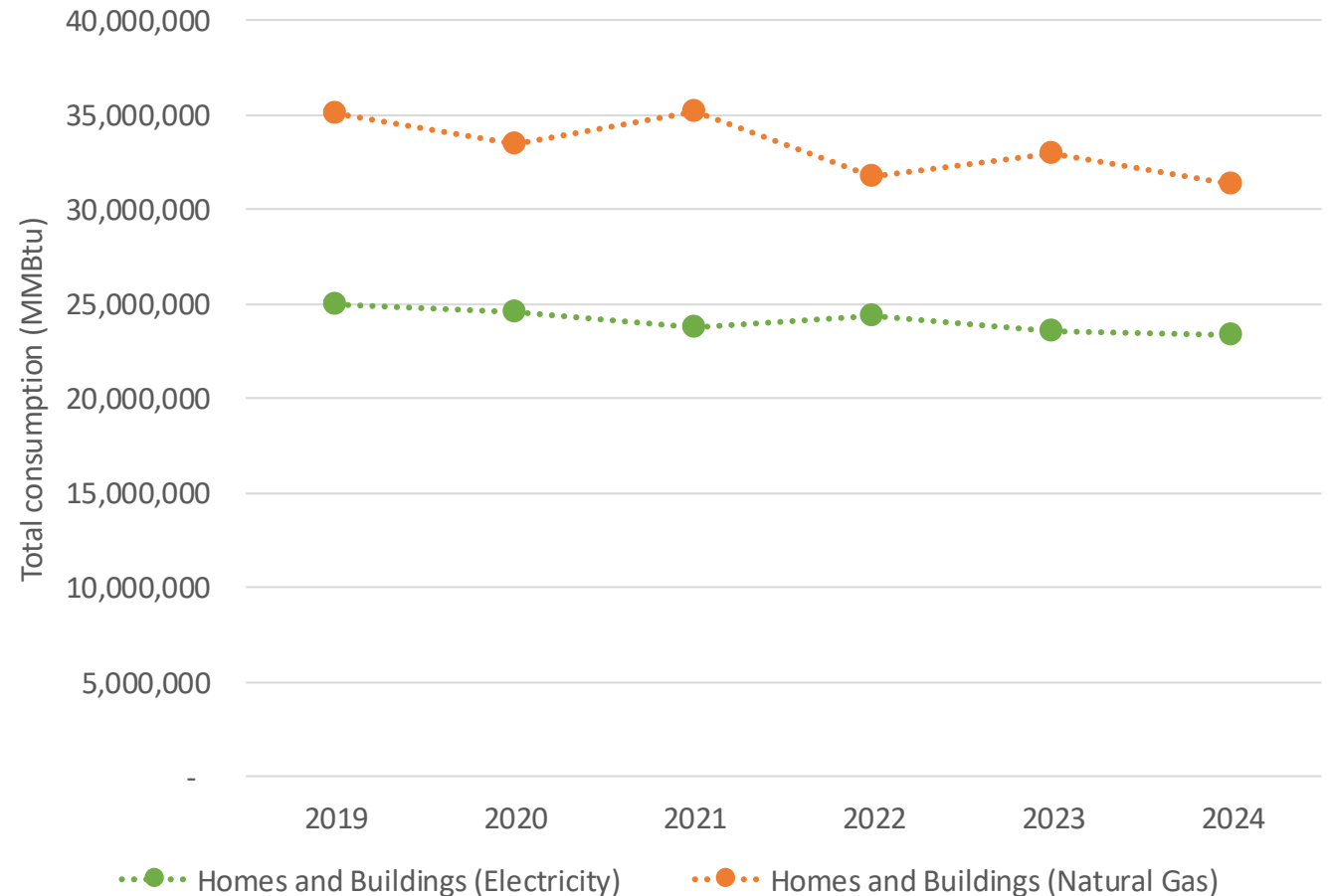
What sources of energy?

2019 to 2024

- **Less energy use** (-11% natural gas end use, -6% grid electricity use)
- **Cleaner electricity** (-37% emissions)

2023 to 2024

- **Less energy use** (-5% natural gas end use, <1% grid electricity use)
- **Cleaner electricity** (-7% emissions)



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

Performance Indicators – Homes and Buildings (electricity and natural gas)

Majority of grid electricity delivered was emissions-free in 2024 (56%)

Most electricity (69%) was supplied by Community Power’s “PowerOn” plan

- 55% emissions-free

Direct access was the second largest supplier (24%)

- 59% emissions-free

When including on-site solar systems, about two-thirds (64%) of electricity used in 2024 was from emissions-free sources

Grid Electricity from Emissions-Free Sources, 2019-2024						
Supplier	Emissions-Free Sources					
	2019	2020	2021	2022	2023	2024
SDG&E	31%	33%	47%	45%	42%	41%
SDCP (Power 100)	-	-	100%	100%	100%	100%
SDCP (PowerOn)	-	-	67%	67%	55%	55%
SDCP (PowerBase)	-	-	-	-	-	45%
Direct Access	25%	29%	34%	35%	43%	59%
All Suppliers	30%	32%	50%	57%	53%	56%

Performance Indicators – Homes and Buildings (electricity and natural gas)

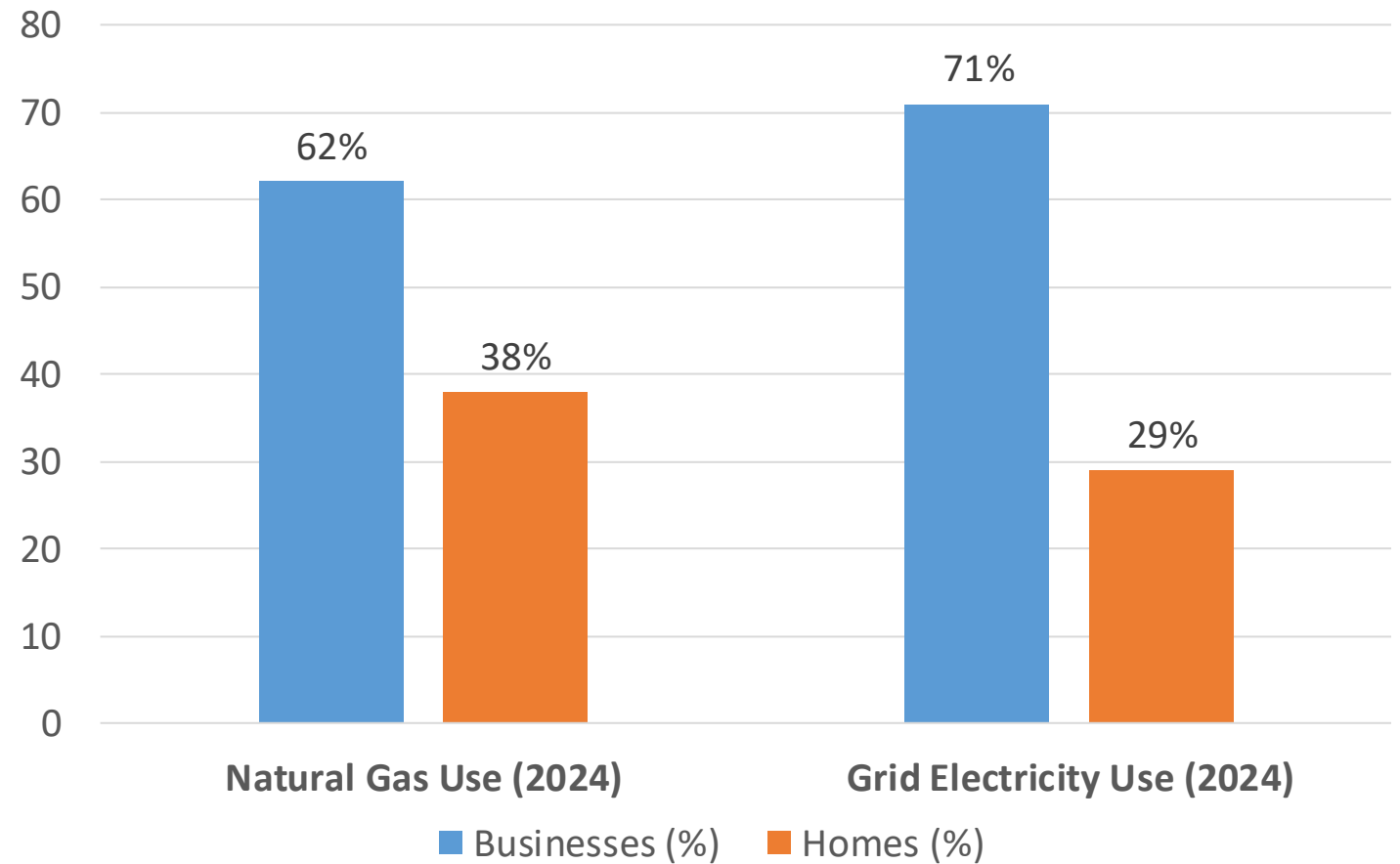
Businesses used a substantial share of energy in 2024

- 62% of natural gas
- 71% of grid electricity

On-site solar power continued to grow in 2025

- Businesses +13%
- Homes +5%

*Homes generated **over 2.5 times more** electricity from solar than businesses in 2025*



Comparison of Energy Use by Homes and Businesses, 2024

Performance Indicators – Other Emissions Sources and Activities

Source/Activity	Indicator
Collecting Organic Waste	195,000 tons to composting facilities in 2025 • +2% from prior year
Recovering Extra Food	Over 24 million pounds received by recovery organizations in 2024 • +21% from prior year (+190% from 2022)
Providing Drinking and Recycled Water	More water supply from local sources in 2024 • +50% local supply from prior year
Making Wastewater Safe to Release	Nearly all methane gas is captured and used to generate electricity • 99.9% capture rate
Using Construction Equipment	Cleaner and more efficient equipment • -17% emissions from 2019, about the same as prior year
Planting and Caring for Trees	Over 5,300 trees planted in 2025 (over 14,000 new trees from 2020-2025)
Protecting Natural Areas	Conservation of core habitats and open spaces (Multi-Habitat Planning Area) • Over 52,000 acres conserved (99.5% of overall goal)

Performance Indicators – City Operations

Cleaner City Operations

- 100% emissions-free electricity (Community Power's "Power100" plan)
- Natural gas use -11% (2019-2024)
- Electricity use +22% (2019-2024)
- 2024 emissions down 70% from 2019, 12% from prior year

Public Electric Vehicle Charging

- 58 charger replacements at 12 City facilities in 2025

Cleaner City Vehicles

- 230 electric vehicles, 126 plug-in hybrids
- Replaced 21 vehicles with electric models in 2025, including 17 electric pickup trucks and 1 electric fire truck



Building Stronger Communities Through Climate Action

Progress reducing emissions

- Cleaner electricity, less natural gas use
- More electric vehicles and chargers
- More solar power
- Recovering transit use
- Focusing homes near transit, jobs, everyday needs
- More bikeways and sidewalks
- More trees, habitat and open space
- Less organic waste in landfills

Progress improving daily life

- Healthier homes and workplaces
- Cleaner air
- Lower energy and fuel costs
- Less time driving
- More time for family, friends, leisure
- Places where everyone can safely walk, bike and roll
- More shade, lower temperatures, physical and mental health benefits
- More food to communities in need

Thank you

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