



Aclima has been measuring and mapping air quality at the street-level in your community. Our measurement approach is unique because it captures the persistent levels of pollution in your air, at any location. And now you can access this information via an online report, searchable by address. AB617 Steering committees can use this information to design and implement effective Community Emission Reduction Plans that reduce the impacts of air pollution on the health of your community.



- ✓ BLACK CARBON
- ✓ NITRIC OXIDE
- ✓ PARTICULATE MATTER
- ✓ CARBON MONOXIDE
- ✓ OZONE
- ✓ CARBON DIOXIDE

USING THE STREET-LEVEL AIR REPORT FOR COMMUNITY ACTION

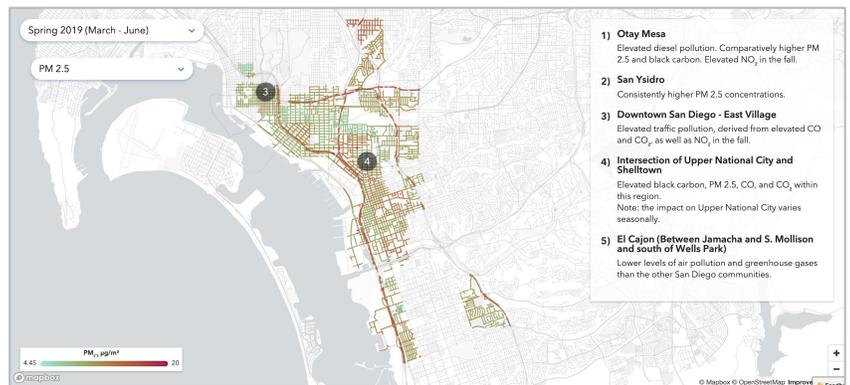
➡ Start by navigating to insights.aclima.io/san-diego



IDENTIFY LOCATIONS WITH HIGHER POLLUTION ACROSS SEASONS

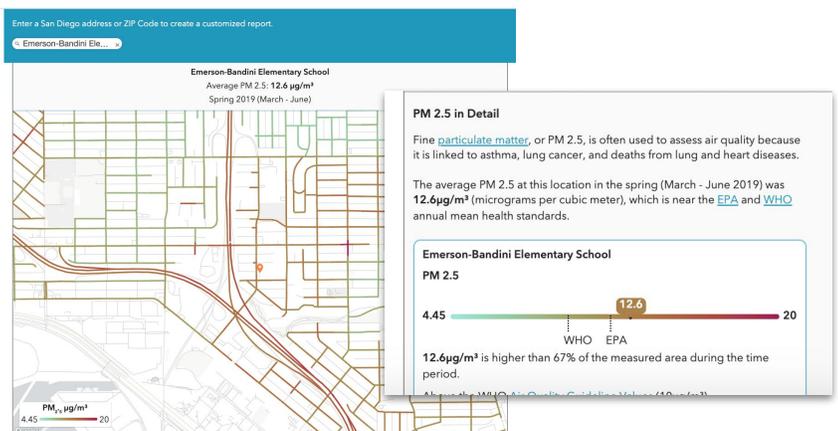
- The intersection of National City and Shelltown has high black carbon, PM_{2.5}, CO, and CO₂. This is likely partially from vehicular pollution.
- Downtown San Diego has elevated traffic pollution.
- San Ysidro has higher PM_{2.5} pollution

NOTE: Aclima identified four areas of elevated pollution across the San Diego communities.



UNDERSTAND POLLUTION AT THE PLACES THAT MATTER TO YOU

- Enter an address or location name (e.g. "Emerson-Bandini Elementary School")
- See how pollution for the selected season compares to EPA or WHO annual standards.
- Pale green is less pollution and dark red is higher pollution
- Check other parameters like black carbon





UNDERSTAND CHANGES OVER TIME

For a specific location, see how the pollution levels changes over seasons for each pollutant.

Changes over time

- A) Spring 2019 (March - June)
- B) Summer 2019 (June - September)
- C) Fall 2019 (September - December)

Pollutant	A	B	C
PM 2.5 ($\mu\text{g}/\text{m}^3$)	12.6	▼ 9.7	▲ 15.1
Ozone (ppb)	29.5	▼ 26.2	▼ 25.0
Nitric Oxide (ppb)	< 10	< 10	< 10
Nitrogen Dioxide (ppb)	--	--	18.0
Carbon Monoxide (ppm)	0.5	▼ 0.4	▲ 0.5
Carbon Dioxide (ppm)	443.9	▼ 433.9	▲ 457.2
Black Carbon ($\mu\text{g}/\text{m}^3$)	1.3	< 0.5	1.4

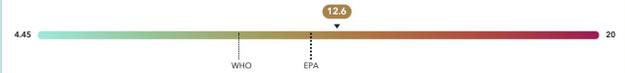


COMPARE LOCATIONS

When you look up an address, you can see how that location stacks up relative to others.

Emerson-Bandini Elementary School

PM 2.5



12.6 $\mu\text{g}/\text{m}^3$ is higher than 67% of the measured area during the time period.

Above the WHO [Air Quality Guideline Values](#) (10 $\mu\text{g}/\text{m}^3$).

Slightly above the EPA [National Ambient Air Quality Standards](#) (12 $\mu\text{g}/\text{m}^3$).



EDUCATE & ENGAGE

- Learn what the different pollutants are, likely sources, and how they impact health
- Share pollution information for specific locations with friends and family

PM 2.5 in Detail

Fine [particulate matter](#), or PM 2.5, is often used to assess air quality because it is linked to asthma, lung cancer, and deaths from lung and heart diseases.

Share this report

<https://insights.test.aclima.tools/san-diego>

Copy URL



ACTIONABLE NEXT STEPS

- Access actionable steps for improving air quality in San Diego communities
- Example actions such as filing a complaint or getting involved in the Steering Committee

What you can do

Whether you only have a few seconds or you want to devote more time to reducing air pollution, we're building a library of actions you can take. Got a great idea you want to share? [Let us know!](#)

Three things you can do right now:

- 1 [Protect your health](#) while we collectively work towards cleaner air in the long run.
- 2 Make plans to join the next [Community Air Protection Program](#) Steering Committee meeting.
- 3 [Learn](#) how you can help reduce air pollution.

Three things you can do this week:

- 1 If you see something that you think is causing more pollution than it should, submit a complaint to your [San Diego Air Pollution Control District](#). [Learn more](#) about pollution complaints from the California Air Resources Board Environmental Justice site.
- 2 [Get involved](#) in environmental justice and government efforts to improve air pollution in your community.
- 3 Spend an hour on this [San Air Quality course](#) to learn more about air pollution.