

https://hayward-ca.gov/trees

Let's improve Hayward's Tree Preservation Ordinance together!

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Survey questionnaire is available in Spanish. Mandarin version available on 10/27/2023. Other language translation available upon request.



# **BENEFITS OF TREES IN AN URBAN ENVIRONMENT**

## HEALTH



### HEALTHIER COMMUNITIES

Trees improve mental health and public health by decreasing respiratory illnesses and encouraging outdoor recreation.



#### CONNECTING WITH NEIGHBORS

Trees can encourage civic pride while tree plantings provide opportunities for community involvement.



#### RAINWATER CAPTURE

Trees capture rainfall, recharging groundwater supplies and helps prevent stormwater from carrying pollutants to the ocean.



## SHADE

Trees cool cities by up to 10°F and shaded areas can be 20-40°F cooler than peak temperatures.

## ENVIRONMENTAL/INFRASTRUCTURE SERVICES

SAVING ENERGY

Shade trees can lower air- conditioning costs 56% annually, burning fewer fossil fuels.



#### BEAUTY Trees add character to city streets and residential areas as they

and residential areas as they radiate with colors, flowers, textures, and shapes.



FRESH FOOD Trees provide food in the form of fruits, nuts, leaves, bark, and roots.



## WILDLIFE HABITAT

Trees support the lives of many wildlife and insect species and provide them with food, shelter, and nesting sites.

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## SEQUESTERING CARBON & CLEANER AIR

Trees absorb pollutants and filter particulates out of the air by trapping them on their leaves and bark. A single mature tree may take about 50 pounds of carbon dioxide per year, equivalent to the CO2 emissions from driving a car about 50 miles.

