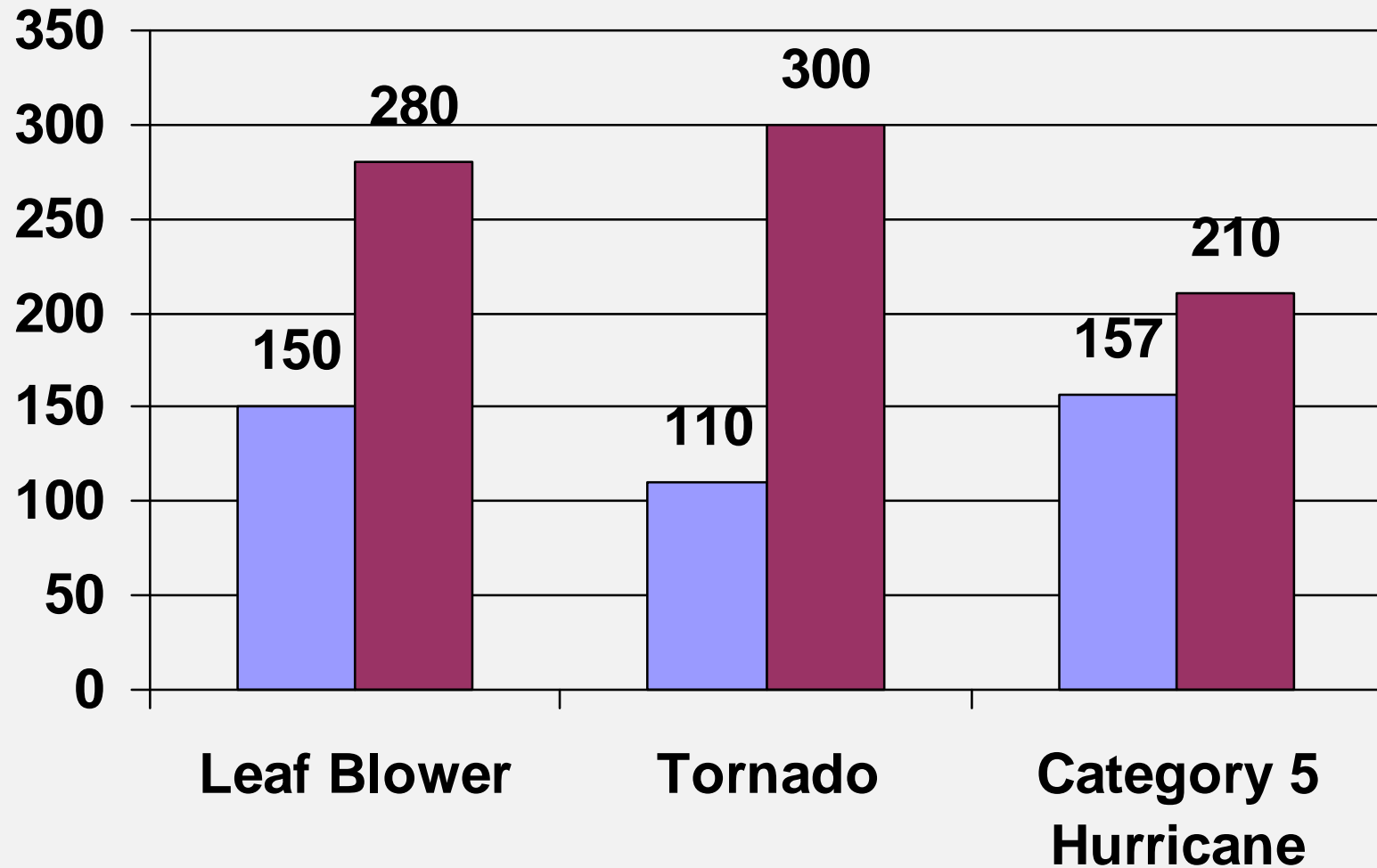


Health hazards posed by leaf blowers

Jeremy Marin, Precinct 16

Wind Speeds in MPH



Source of leaf blower speeds: *CA ARB Report to the California Legislature on the Potential Health and Environmental Impacts of Leaf Blowers, Feb. 2000. Page 18.*

CAUTION

**PESTICIDE
APPLICATION**



KEEP OFF

MSDS Safety Information on 2,4-D

(2, 4 Dichlorophenoxyacetic acid)

EMERGENCY OVERVIEW: WARNING-POISON.

Keep out of reach of children. Avoid contact with skin, eyes and clothing. Do not inhale fumes.

Severely irritating to eyes. May cause skin irritation. Harmful if absorbed through the skin.

Harmful if swallowed or inhaled.

http://www.nufarm.ca/Assets/18429/1/24DAmine600_14726_E_0911.pdf



California Environmental Protection Agency Air Resources Board (CARB)

“Data on fugitive dust indicate that the PM10 emissions impacts from dust suspended by leaf blowers are small, but probably significant.”

“Potential health effects from exhaust emissions, fugitive dust, and noise range from mild to Serious.”

A report to the California Legislature on the potential health and environmental impacts of leaf blowers, February 2000

<http://www.arb.ca.gov/msprog/mailouts/msc0005/msc0005.pdf>

(CARB, continued)

“Many epidemiological studies have shown statistically significant associations of ambient particulate matter levels with a variety of negative health endpoints, including mortality, hospital admissions, respiratory symptoms and illness, and changes in lung function.”

“Health effects from hazards identified as being generated by leaf blowers range from mild to serious, but the appearance of those effects depends on exposures: the dose, or how much of the hazard is received by a person, and the exposure time.”

(<http://www.arb.ca.gov/msprog/mailouts/msc0005/msc0005.pdf>)

Health hazards in local lawns made airborne by leaf blowers

- Glyphosphate
- 2,4-D
- Atrazine
- Lead dust
- Pollen/Mold
- PM 2.5
- Animal Feces

