

2016

CALIFORNIA SCHOOL AND CHILD CARE
PESTICIDE USE REPORT SUMMARY

THE HEALTHY SCHOOLS ACT

Food and Agricultural Code section 13182: It is the policy of the state that effective least toxic pest management practices should be the preferred method of managing pests at schoolsites and that the state, in order to reduce children's exposure to toxic pesticides, shall take the necessary steps, pursuant to this article, to facilitate the adoption of effective least toxic pest management practices at schoolsites.

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Introduction

The Department of Pesticide Regulation received the specific details of 92,790 schoolsite pesticide applications for 2016. For the purpose of this report, a pesticide application is one product applied at one schoolsite on one date. The 2016 records provide pesticide use information for 776 school districts, 6,899 schools, and 1,680 child care centers in California. This report shows the 2016 data and helps readers understand the Who, What, Where, and When of schoolsite pesticide applications.

WHO
WHAT
WHERE
WHEN?

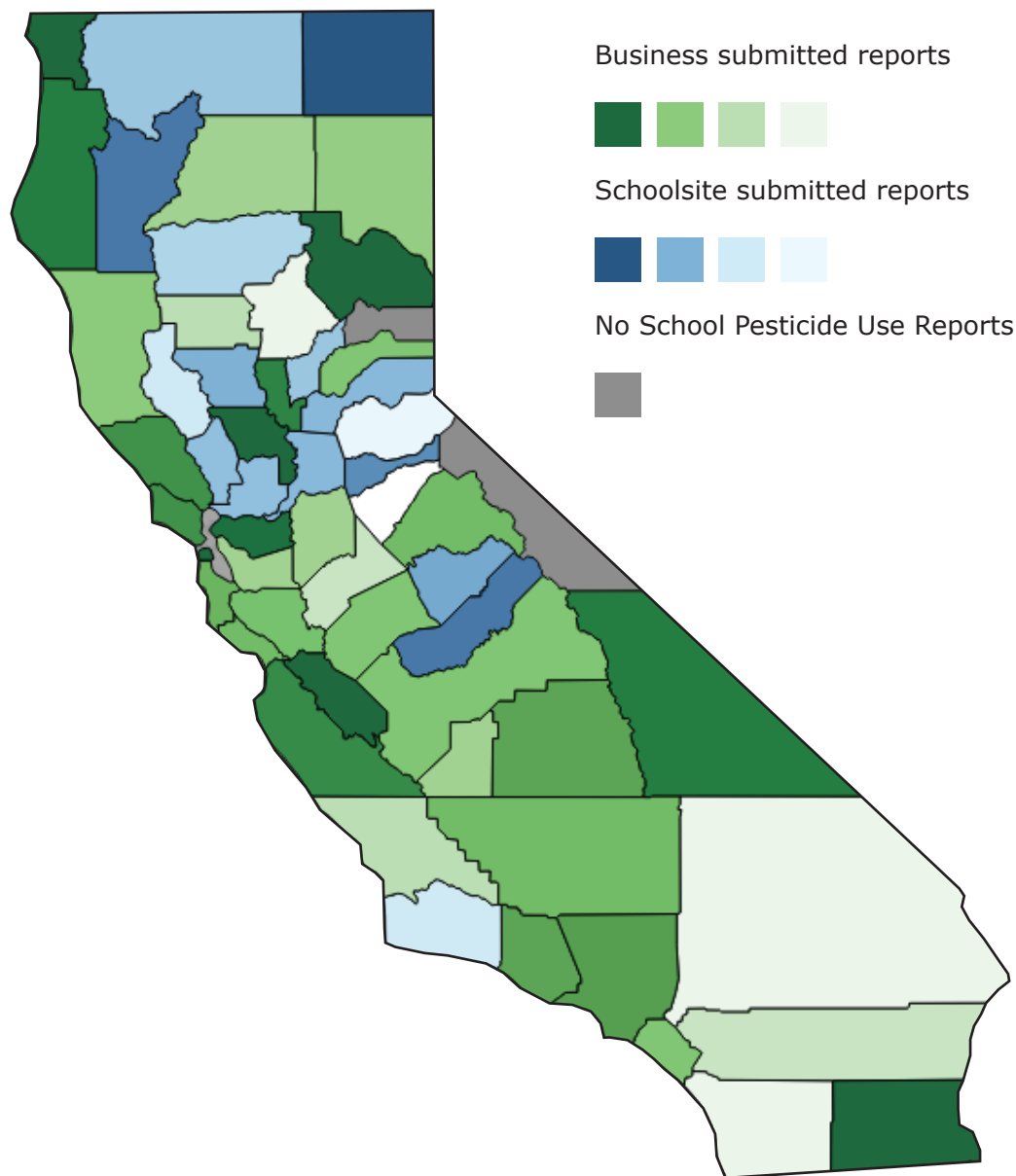


Who

This map shows the ratio of reports submitted by pest control businesses versus schoolsite staff in each county. If the county is darker green, businesses submitted most of the reports. If the county is darker blue, schoolsite staff submitted most of the reports. If the county is a shade of white, nearly equal numbers of reports were submitted by businesses and school staff. If the county is dark grey, no school pesticide use reports were received from that county for 2016.

742

The number of organizations that submitted school pesticide use reports in 2016.

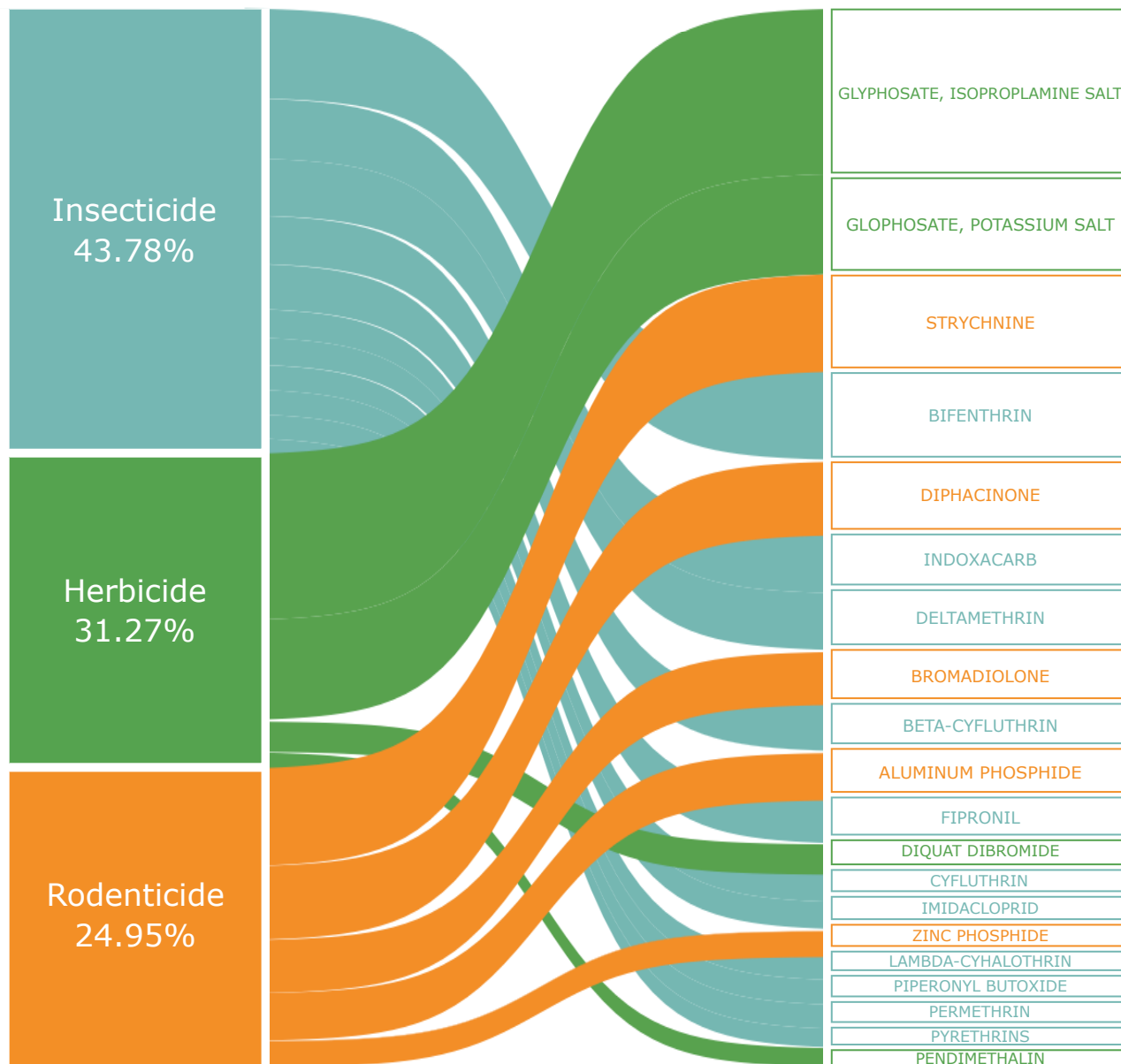


What

This graphic shows the twenty pesticide active ingredients with the most applications reported at schoolsites in 2016. This graphic represents 84% of all school pesticide applications reported. On the left-hand side are the pesticide classes arranged from most reported to least reported. On the right-hand side are the active ingredients arranged in the same way. The thickness of the lines connecting the left and right-hand sides is relative to the number of reports received for each active ingredient. Herbicides contain the most reported active ingredient, while insecticides are the most diverse pesticide class.

927

The number of unique EPA Registration Numbers for pesticide products reported at schools in 2016



Where

This graphic shows the five specific locations where most schoolsite pesticide applications were reported. The size of the circle represents how many reports were made of each pesticide class at that schoolsite location. As an example, athletic fields had the most reports of rodenticides and the least reports of insecticides. Classroom and cafeteria/kitchen were the locations where insecticides were almost exclusively reported.

3,763

The number of rodenticide applications on athletic fields reported in 2016.



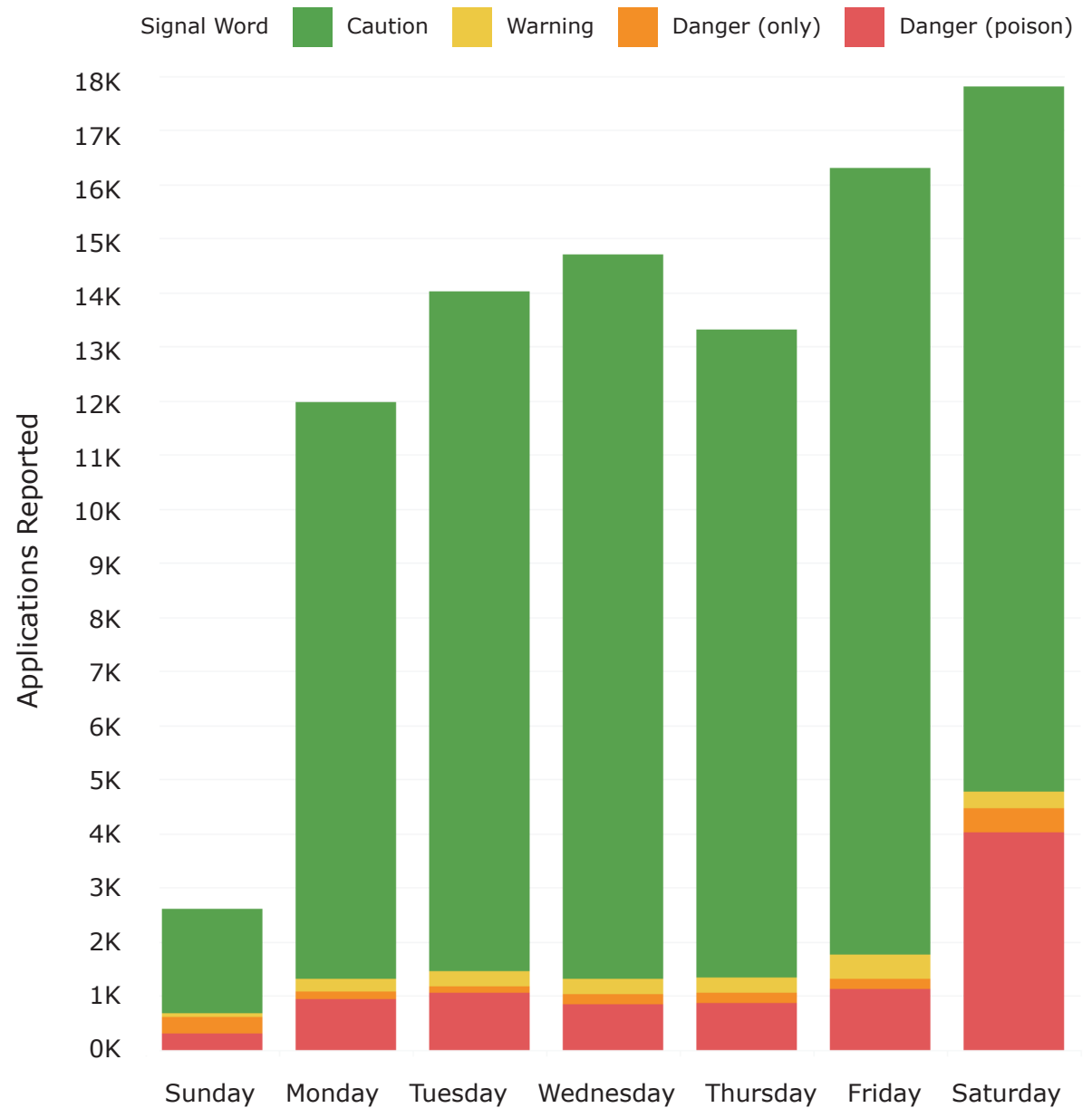
*A small number of errors in reports submitted to DPR makes it appear that herbicides were applied in classrooms or the cafeteria/kitchen. Our staff have tracked down each of these reports, corrected the error if possible, and contacted stakeholders to avoid these errors next year.

When

This graphic shows schoolsite pesticide applications by weekday and signal word. Saturday is the most common day for making a pesticide application on a schoolsite in California. Saturday is also the most common day for making pesticide applications of more acutely toxic products, often used to control gophers or other burrowing mammals.

581

The number of school pesticide applications made on Saturday November 5th, 2016, the most of any day of the year.





Our mission is to protect human health and the environment by regulating pesticide sales and use, and by fostering reduced-risk pest management.

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