

## Federal Government Study on the Use of Recycled Tire Crumbs in Synthetic Turf Fields

### Background

Concerns have been raised by the public about the safety of recycled tire crumb rubber used in synthetic turf fields and playgrounds in the United States. In response, the Centers for Disease Control and Prevention/Agency for Toxic Substances and Disease Registry (ATSDR) is conducting an exposure measurement study to look at whether or not people who play on synthetic turf fields are exposed to chemicals found in recycled tire crumb rubber.

### Your Role as a Synthetic Turf Field Facility

The purpose of the exposure measurement study is to determine if people are exposed to chemicals in the tire crumbs on synthetic turf fields. We are including natural grass field users as a comparison. We need synthetic turf and grass field facility owners and/or managers to:

- Allow CDC/ATSDR to recruit people who play on the synthetic turf fields at your facility. We will return to the facility and ask participants to answer some questions and collect urine samples from participants before and after they play on the field.

CDC/ATSDR needs at least 200 people who engage in physical activities on synthetic turf or natural grass fields to complete a questionnaire about how they use the fields. The questionnaire will ask field users about the types of activities (sports, physical education and training), how much time they spend on fields and how they come in contact with the field surfaces. In total, participants will spend about 50 minutes in this research study.

CDC/ATSDR will not be collecting any additional environmental samples from the participating fields.

### Next Steps

CDC/ATSDR will review the results and prepare a study report that summarizes the biomonitoring results.

For questions or comment, please contact:

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