

legs (19 percent); eyes (16 percent); trunk/unspecified (12 percent); and arms (5 percent).¹⁶ Most of the estimated injuries (88 percent) were treated-and-released. An estimated 10 percent were treated and transferred to another hospital or admitted to the hospital where the emergency department was located. The remaining 2 percent of victims had other dispositions (*i.e.*, left the hospital without being seen or were held for observation).

Among the diverse types of fireworks, sparklers were involved in 8 percent of the estimated injuries during the special study period; this is a decrease from 13 percent in 2021. Firecrackers were involved in 18 percent, rocket-type devices as well as roman candles both accounted for 5 percent of injuries, novelties were associated with 3 percent of injuries, and reloadable tube devices, multiple tube devices, helicopters, and public displays were all associated with 1 percent of injuries each. Most fireworks-related injuries, 61 percent, were associated with unknown firework device types.¹⁷

A review of data from telephone follow-up investigations showed that the typical causes of injuries were due to both the malfunction and misuse of fireworks. At the time of the telephone investigation, which was conducted typically 1 to 2 months after the injury, most victims had recovered from their injuries. Two of the 10 respondents interviewed reported that the injury will be long term.

Finally, in fiscal year 2022, CPSC staff continued to actively monitor import shipments of fireworks and products in the marketplace. CPSC staff worked with the U.S. Customs and Border Protection agency to sample imported fireworks. Compliance staff conducted inspections at fireworks retailers to collect samples for analysis and testing for compliance with mandatory requirements.

¹⁶ *The percentages are calculated from actual injury estimates and may not sum to 100 due to rounding.*

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