Appendix A

Estimated Number of Toy-Related Injuries from 2013 through 2020

Table 8, Figure 3 and Figure 4 display the annual ED-treated injury estimates and rates associated with toys from 2013 through 2020. Staff found a statistically significant decreasing trend in the injury estimates for all age groups except for 4 years of age or younger group.[15]

Table 8: Toy-Related ED-Treated Injury Estimates for Different Age Groups 2013–2020

Calendar Year	All Ages			14 Years of Age or Younger			12 Years of Age or Younger			4 Years of Age or Younger		
	Injury Estimate	CV*	Injuries per 100,000 People	Injury Estimate	CV*	Injuries per 100,000 People	Injury Estimate	CV*	Injuries per 100,000 People	Injury Estimate	CV*	Injuries per 100,000 People
2013	246,300	0.0732	78	184,500	0.0815	302	175,500	0.0825	333	83,300	0.0947	420
2014	240,900	0.0839	76	179,700	0.0959	294	170,300	0.0965	323	84,000	0.1124	423
2015	244,400	0.0861	76	181,600	0.0985	298	173,200	0.1010	328	88,400	0.1171	444
2016	240,000	0.0945	74	174,100	0.1128	286	166,300	0.1152	315	85,200	0.1299	427
2017	251,700	0.0921	77	184,000	0.1098	302	174,300	0.1109	331	89,800	0.1314	452
2018	226,100	0.1069	69	166,200	0.1355	273	158,800	0.1343	302	83,800	0.1407	423
2019	224,200	0.1181	68	162,700	0.1454	269	154,700	0.1458	296	78,700	0.1519	402
2020	198,000	0.1178	60	149,200	0.1367	231	144,700	0.1378	279	78,500	0.1487	407

Source: NEISS, U.S. Consumer Product Safety Commission. Estimates are rounded to the nearest 100. Population estimates for 2013 to 2020 are from Annual Estimates of the Resident Population by Single Year of Age and Sex: April 1, 2010 to July 1, 2020, U.S. Census Bureau, Population Division. Release Date: June 2021.

*Coefficient of variation (CV) is a measure of the dispersion of the data as a ratio of the standard deviation to the injury estimate. The higher the CV, the larger the dispersion is. The population estimates are assumed to be constant, and therefore the CVs for the estimated injuries per 100,000 people are equivalent to the CVs for the injury estimates.

[15] The p-value for 4 years of age or younger group is 0.51. The p-value for the other groups were 0.03, 0.02, 0.03.