

## Macro-Level Forces Report: 2020 Dog Bite Fatalities by Age Group

Dog bite fatalities rose during the 2020 Covid year and our nonprofit's capture rate fell due to macro-level forces.

### 15-Year Period vs. 1-Year Period

Previous to 2020, during the 15-year period of 2005 to 2019, the largest deficit of unreported deaths was 4 each for the years of 2005 and 2010. During the single year of Covid conditions and restrictions, there was a deficit of 15 unreported deaths.

Time Period	Total CDC UCD	Total Nonprofit	Difference	% Nonprofit Captured	Possible Factors
15-Year Period 2005 to 2019	519	522	3	101%	
1-Year Period 2020	62	47	-15	76%	Covid restrictions, reduced media reports, reduced police releases
<b>Total Deaths</b>	<b>581</b>	<b>569</b>	<b>-12</b>	<b>98%</b>	

### 1-Year Period by Age Group

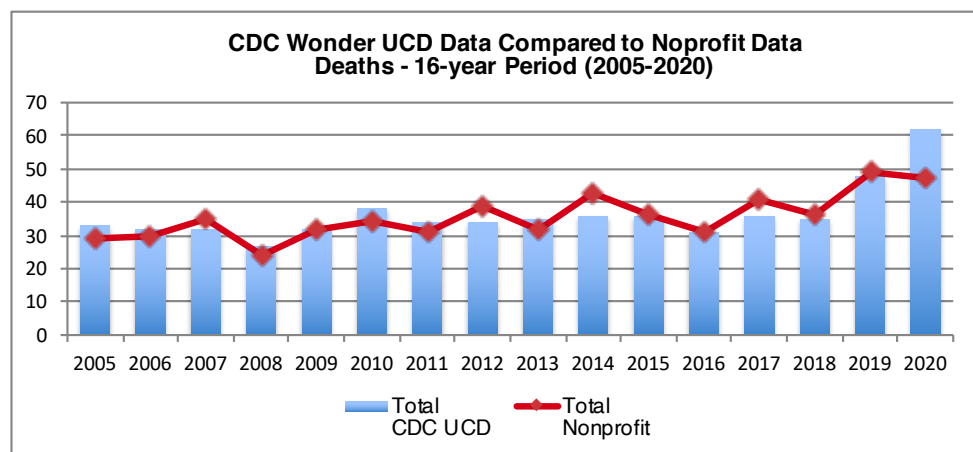
An age group break down of dog bite fatality victims during the 2020 Covid year shows that the largest deficit of unreported deaths occurred in the 65+ age group, followed by the 45-64 age group.

Age Groups	Total CDC UCD	Total Nonprofit	Difference	% Nonprofit Captured	Possible Factors
0-24 years	11	18	7	164%	Covid conditions: stay-at-home orders, one-third of employed begin working at home‡; reduced media reports; and reduced police media releases.
25-44 years	10	5	-5	50%	
45-64 years	19	13	-6	68%	
65+	22	11	-11	50%	
<b>Total Deaths</b>	<b>62</b>	<b>47</b>	<b>-15</b>	<b>76%</b>	

### Deaths by Year

Prior to 2020, the highest number of dog bite fatalities occurred in 2019 (48 deaths), according to CDC Wonder UCD data.

The 2020 Covid year of 62 deaths was a 29% increase from 2019 and a 77% increase from 2018 (35 deaths).



‡Remote Work Before, During, and After the Pandemic, by Patrick Coate, Quarterly Economics Briefing–Q4 2020, January 25, 2021 (Accessed: September 4, 2022: [https://www.ncci.com/SecureDocuments/QEB/QEB\\_Q4\\_2020\\_RemoteWork.html](https://www.ncci.com/SecureDocuments/QEB/QEB_Q4_2020_RemoteWork.html))