

CDC Estimates of 2009 H1N1 Cases and Related Hospitalizations and Deaths from April 2009 – March 13, 2010, By Age

2009 H1N1	Mid-Level Range*	Estimated Range *
Cases		
0-17 years	~19 million	~14 million to ~28 million
18-64 years	~35 million	~25 million to ~51 million
65 years and older	~6 million	~4 million to ~9 million
Cases Total	~60 million	~43 million to ~88 million
Hospitalizations		
0-17 years	~86,000	~61,000 to ~127,000
18-64 years	~158,000	~112,000 to ~232,000
65 years and older	~26,000	~19,000 to ~39,000
Hospitalizations Total	~270,000	~192,000 to ~398,000
Deaths		
0-17 years	~1,270	~900 to ~1,870
18-64 years	~9,420	~6,700 to ~13,860
65 years and older	~1,580	~1,120 to ~2,320
Deaths Total	~12,270	~8,720 to ~18,050

* Deaths have been rounded to the nearest ten. Hospitalizations have been rounded to the nearest thousand and cases have been rounded to the nearest million. Exact numbers also are available.

Updated Estimates from April 2009 – March 13, 2010

Using the same methodology, CDC has again updated the estimates to include the time period from April 2009 through March 13 on April 19, 2010.

- CDC estimates that between 43 million and 88 million cases of 2009 H1N1 occurred between April 2009 and March 13, 2010. The mid-level in this range is about 60 million people infected with 2009 H1N1.
- CDC estimates that between about 192,000 and 398,000 H1N1-related hospitalizations occurred between April 2009 and March 13, 2010. The mid-level in this range is about 270,000 2009 H1N1-related hospitalizations.
- CDC estimates that between about 8,720 and 18,050 2009 H1N1-related deaths occurred between April 2009 and March 13, 2010. The mid-level in this range is about 12,270 2009 H1N1-related deaths.

Note: Less than 5% of increases in the estimates from one reporting date to the next are the result of delayed reporting in cases, hospitalizations and deaths.

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The graphs below illustrate CDC's estimates of cumulative 2009 H1N1 cases, hospitalizations and deaths in the United States by age group from April 2009 – March 13, 2010 by date of report. The vertical black lines represent the range in 2009 H1N1 estimates for each time period.

To see the tables associated with the earlier time periods for which CDC provided estimates, please see the following:

April – February 13, 2010 estimates
http://www.cdc.gov/h1n1flu/estimates/April_February_13.htm

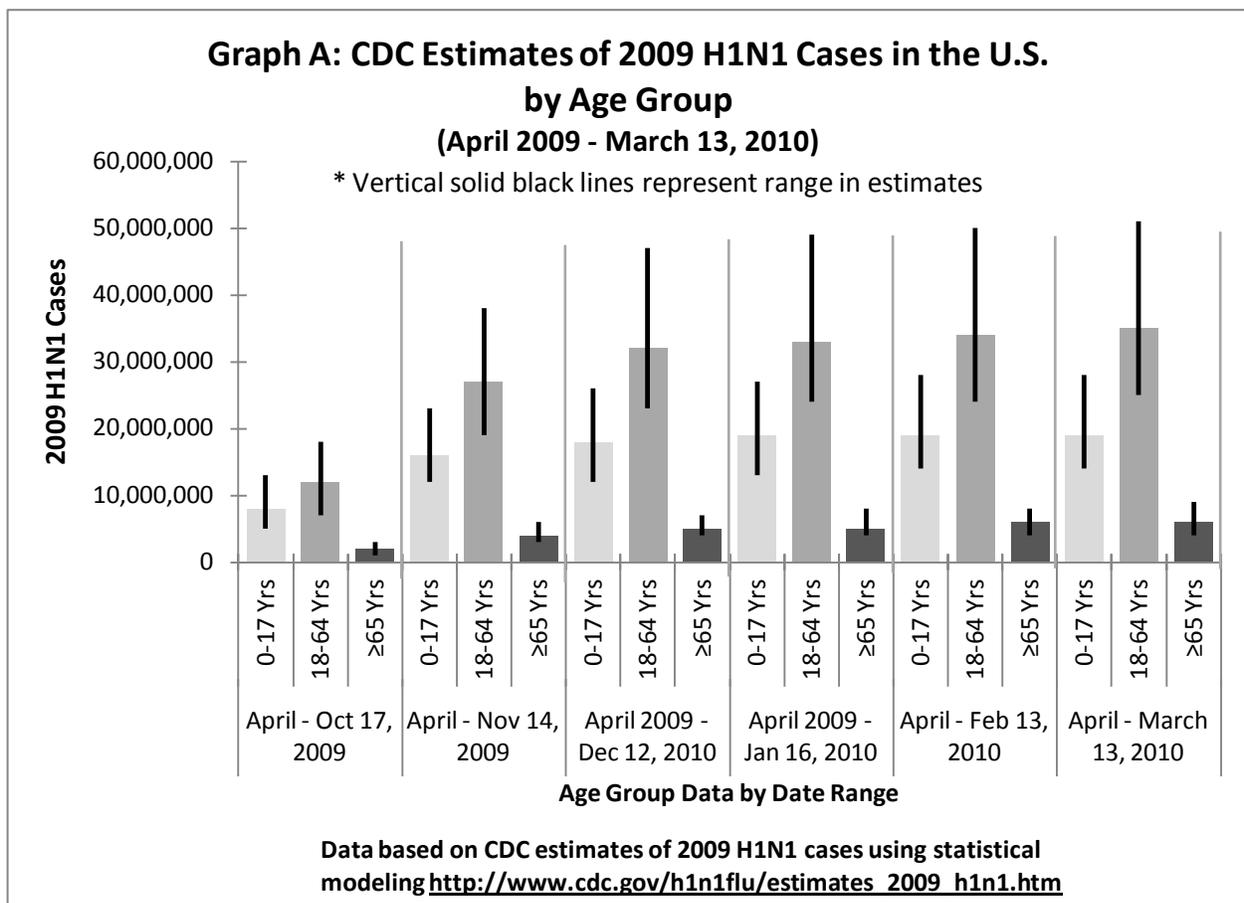
April – January 16, 2010 estimates
http://www.cdc.gov/h1n1flu/estimates/April_January_16.htm

April – December 12, 2009 estimates
http://www.cdc.gov/h1n1flu/estimates/April_December_12.htm

April – November 14, 2009 estimates
http://www.cdc.gov/h1n1flu/estimates/April_November_14.htm

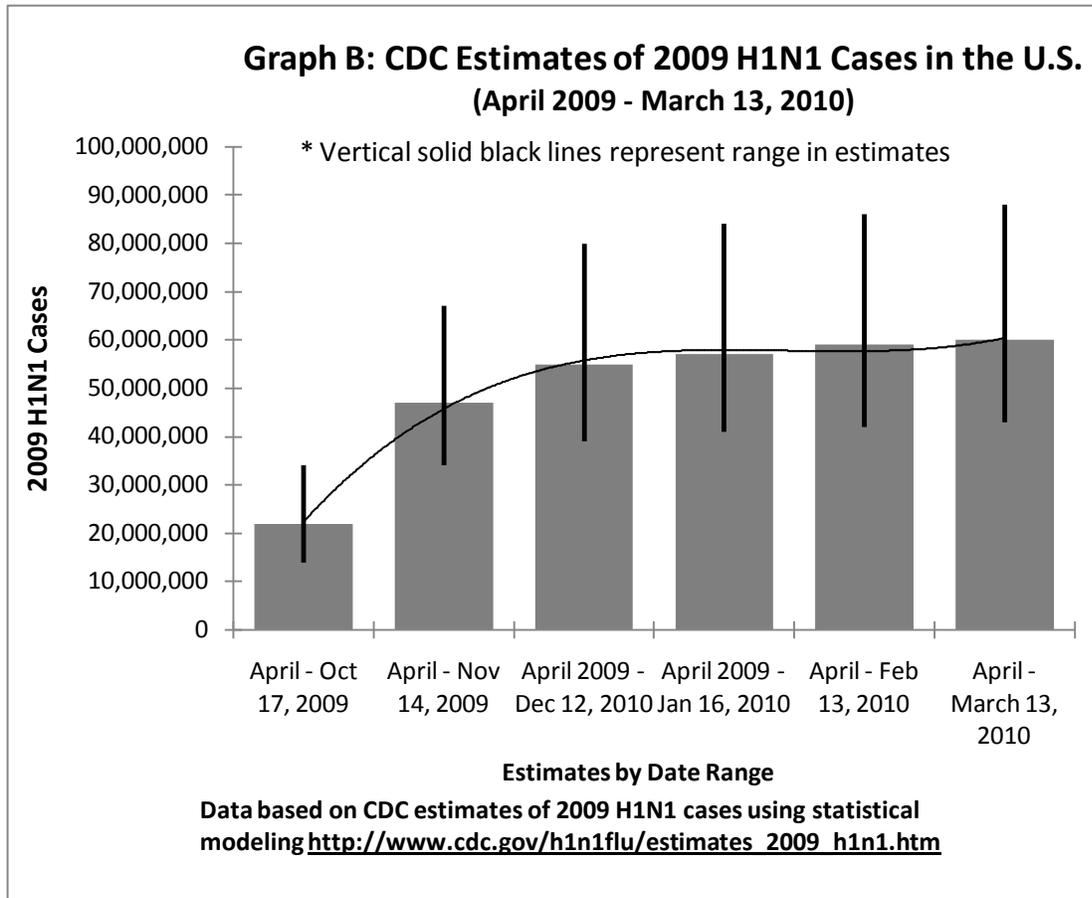
April – October 17, 2009 estimates
http://www.cdc.gov/h1n1flu/estimates/April_October_17.htm

Graph A provides a summary illustration of the various estimates for 2009 H1N1 cases, made over time.



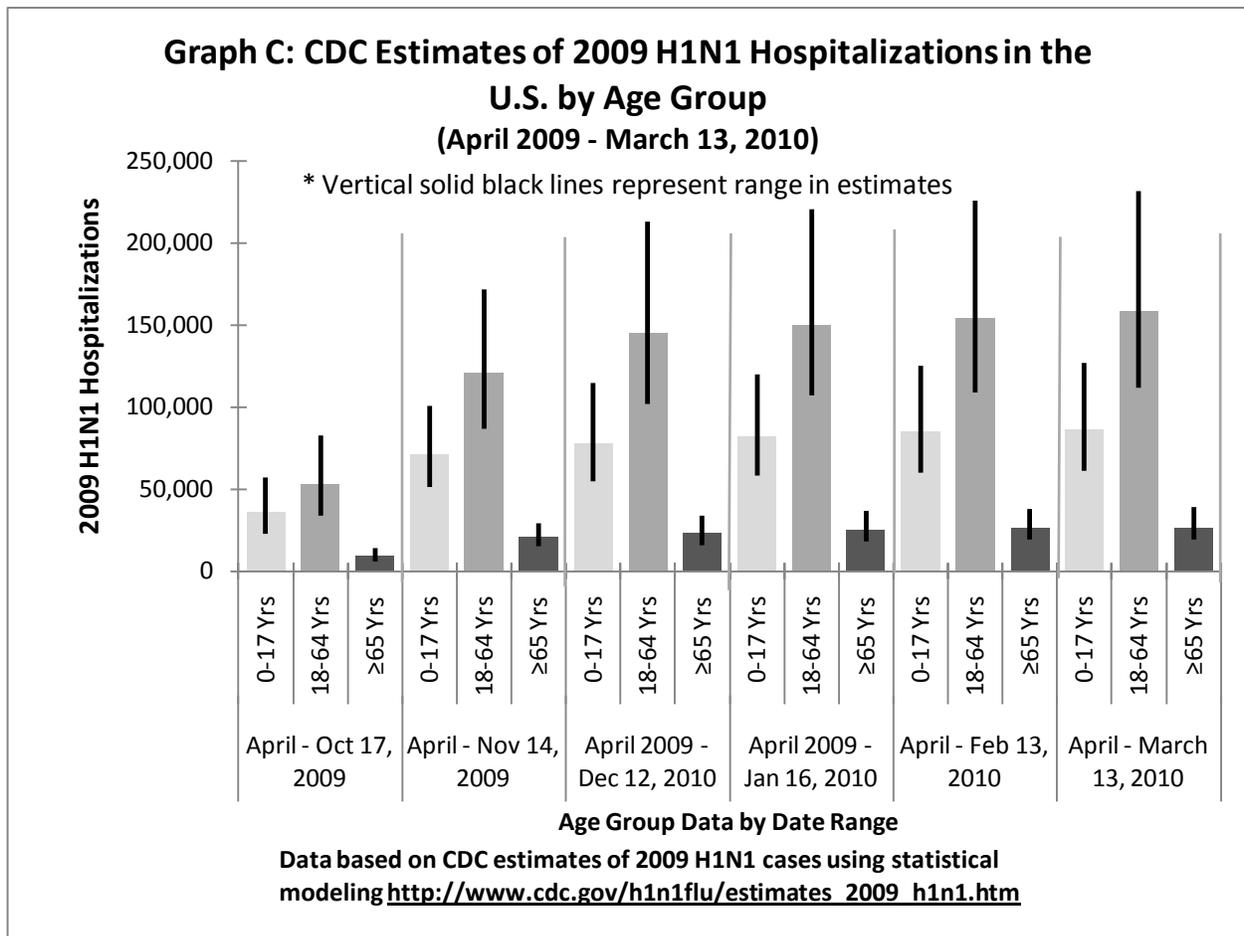
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Graph A shows the cumulative estimated 2009 H1N1 cases by age group (0-17 years old, 18-64 years old, and 65 years and older) in the United States for each of the time periods that CDC provided case estimates.



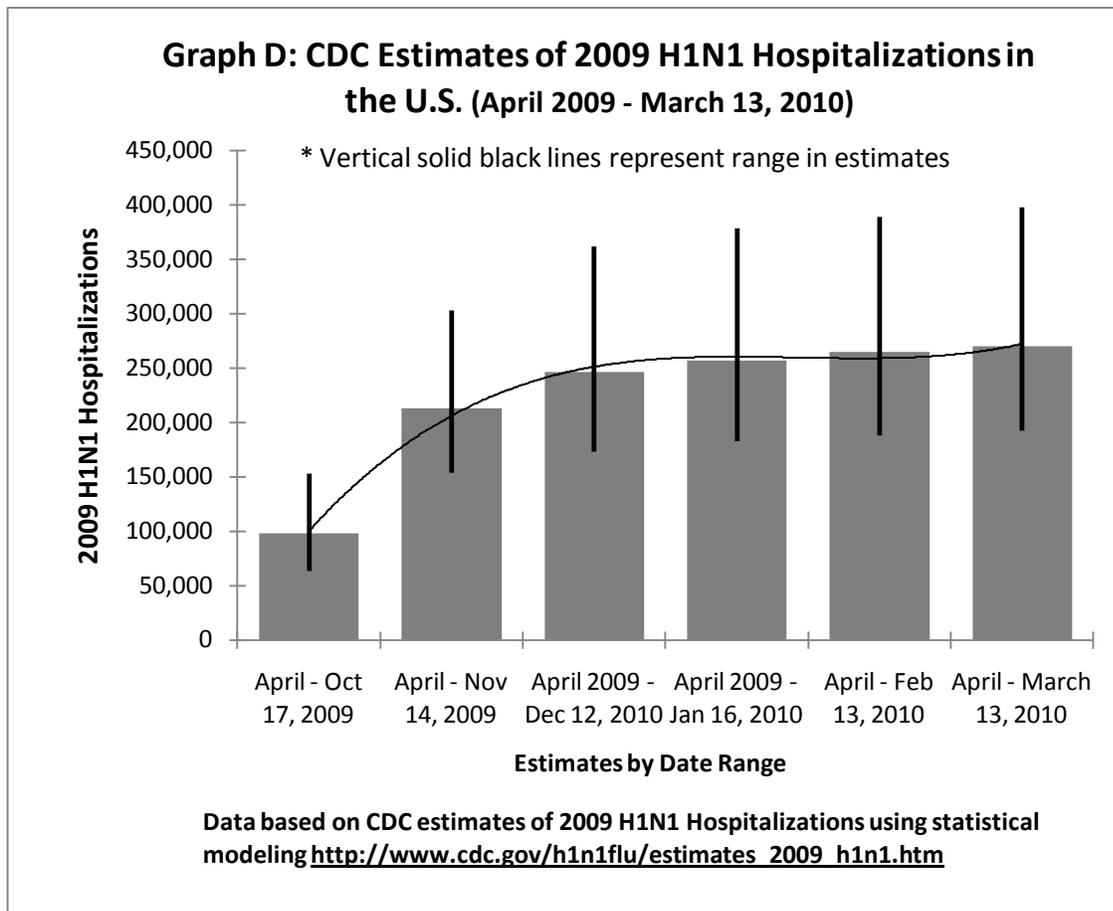
Graph B shows the total cumulative 2009 H1N1 cases (across all age groups) reported for each of the time periods that CDC provided case estimates. The curved black line in Graph B depicts the increase in 2009 H1N1 cases per the midpoint value of the estimates for each reporting period for which CDC provided 2009 H1N1 estimates.

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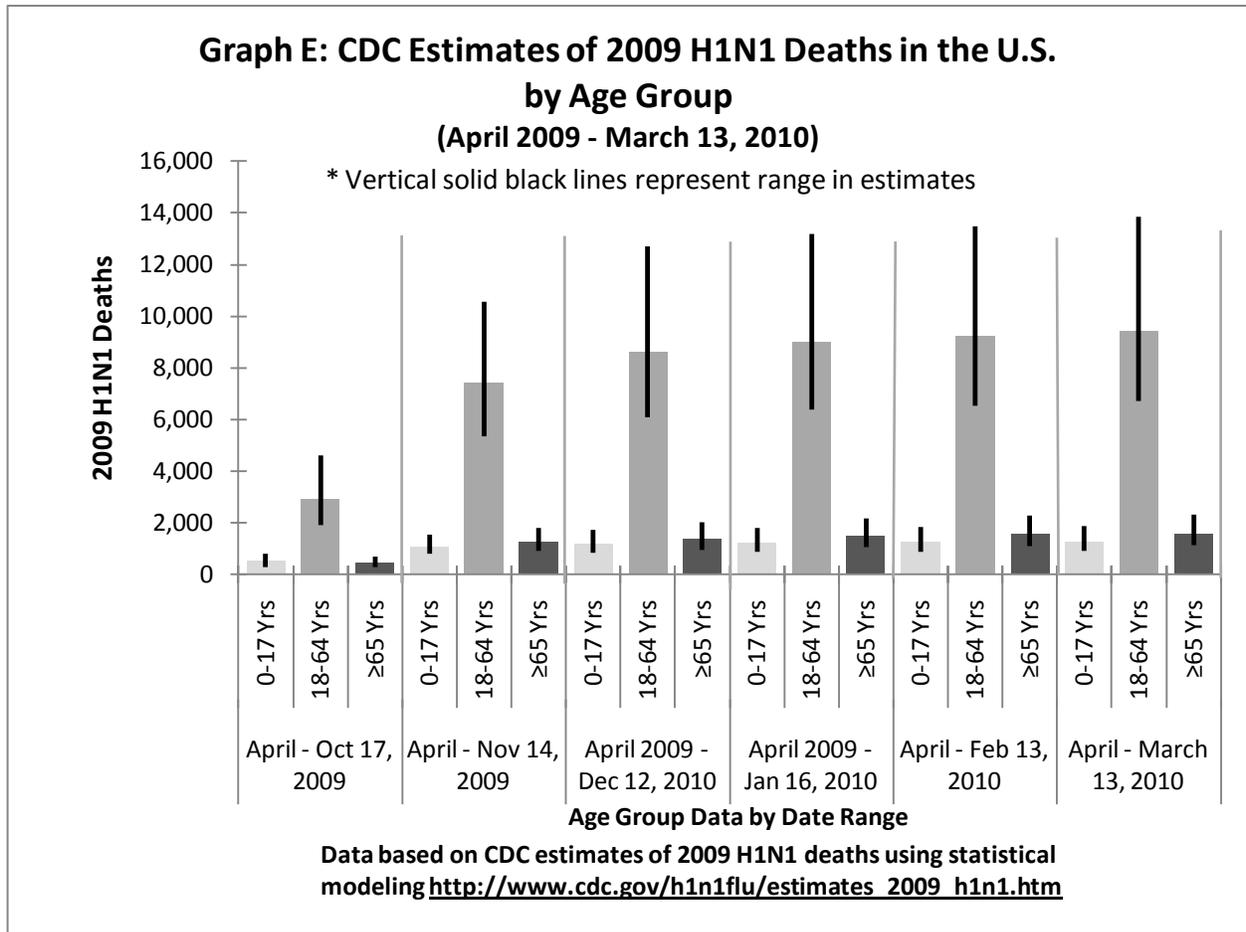
Graphs C and D display estimates of 2009 H1N1 related hospitalizations in the United States. Graph C shows cumulative estimated 2009 H1N1 hospitalizations by age group (0-17 years old, 18-64 years old, and 65 years and older) in the United States for each of the time periods that CDC provided estimates of hospitalizations.

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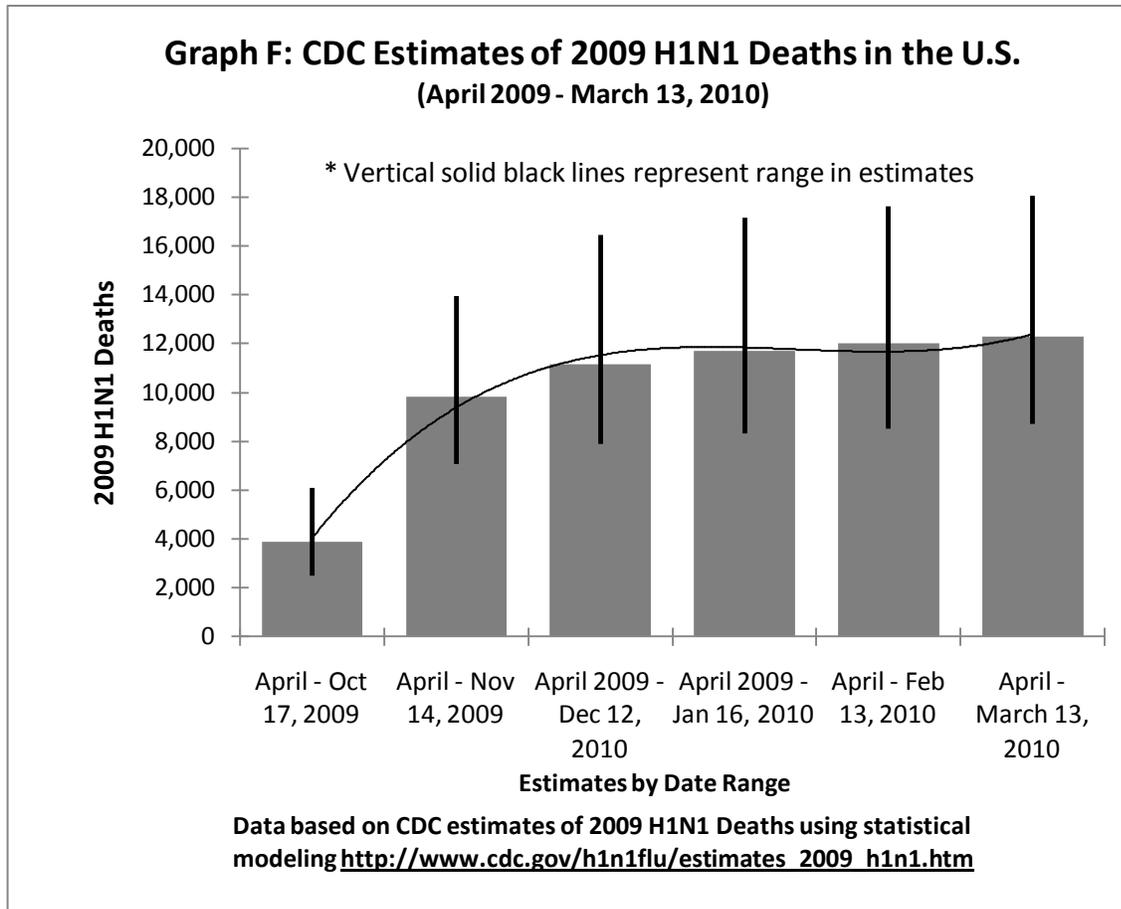
Graph D shows the total cumulative 2009 H1N1 hospitalizations reported for each of the time periods that CDC provided estimates of hospitalizations. The curved line in Graph D depicts the increase in 2009 H1N1 hospitalizations per the midpoint value of the estimates of each time period for which CDC provided estimates of hospitalizations.

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Graphs E and F display estimates related to 2009 H1N1 deaths in the United States. Graph E shows the cumulative estimated 2009 H1N1 deaths by age group (0-17 years old, 18-64 years old, and 65 years and older) in the United States for each of the time periods that CDC provided estimates of deaths

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Graph F shows the total cumulative 2009 H1N1 deaths reported for each of the time periods that CDC provided estimates of deaths. The curved line in Graph F depicts the increase in 2009 H1N1 deaths per the mid-point value of the estimations for each period for which CDC provided estimates of deaths.