**Session:** 294, Late Breaker Oral Abstract Session 2  
**Saturday, October 5, 2019: 1:55 PM**

**Background.** The United States is experiencing the largest measles outbreak since elimination was declared in 2000, with the majority of cases in NYS reported in unvaccinated communities. The objective of this evaluation was to describe adult measles cases during the New York State (NYS) measles outbreak outside of New York City (NYC).

**Methods.** We included all confirmed cases aged 18 years in NYS residents (excluding NYC) during October 1, 2018–July 25, 2019 that met the Centers for Disease Control and Prevention (CDC) case definition. We defined measles cases attributable to adults as the sum of measles cases in adults and 11 (42%) were in children who acquired infection from adults (Figure 3). Among the 75 cases born during or after 1957, 1 day to 64 years; 79 (21%) were in adults, 4 (5%) of whom were born before 1957 (3 unvaccinated and 1 with unknown vaccine status). Among the 75 cases born during or after 1957, 1 day to 64 years; 79 (21%) were in adults, 4 (5%) of whom were born before 1957 (3 unvaccinated and 1 with unknown vaccine status). Among the 75 cases born during or after 1957, 1 day to 64 years; 79 (21%) were in adults, 4 (5%) of whom were born before 1957 (3 unvaccinated and 1 with unknown vaccine status).

**Results.** Of the 75 cases, 53 (71%) were in children who acquired infection from adults (Figure 3). Among the 75 cases born during or after 1957, 1 day to 64 years; 79 (21%) were in adults, 4 (5%) of whom were born before 1957 (3 unvaccinated and 1 with unknown vaccine status). Among the 75 cases born during or after 1957, 1 day to 64 years; 79 (21%) were in adults, 4 (5%) of whom were born before 1957 (3 unvaccinated and 1 with unknown vaccine status).

**Conclusion.** The majority of measles cases occurred in unvaccinated children emphasizing the importance of ongoing and focused efforts on pediatric vaccination. However, measles cases in unvaccinated adults played an important role in both the outbreak, 26 of the 51 (51%) cases were attributable to adults; of the 26, 15 (58%) were in adults, and all were unvaccinated or had unknown vaccine status.

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