

## Mumps Vaccination and Disease History Assumptions by Age

Use this table to help determine the age groups most likely under-immunized against mumps.

Current Age, Grade or Year of Birth	Assumptions	Rationale for Assumptions
Age less than 12 months	Not vaccinated; may have maternal antibody	First dose given at 12-15 months
Age 12-15 months	Probably not yet vaccinated	First dose given at 12-15 months
Age 16 months until kindergarten (K)	Age-appropriately vaccinated with 1 dose	Minnesota school and child care requirement
Grades K through 6	Two doses of vaccine likely	Minnesota school requirement for 2 <sup>nd</sup> dose at entrance to K beginning in 2004
Born 1979 or later	Two doses of vaccine likely	Minnesota school requirement for 2 <sup>nd</sup> dose at 7th grade in 1992 and grades 7-12 in 1996
Born 1972 – 1978	Possibly 1 or 2 doses	Minnesota school requirement for 1 dose; however, mumps exemption in place throughout school years for this age cohort. Minnesota college requirement for 1 dose of MMR vaccine implemented in 1989.
Born 1962 – 1971	Possibly 1 dose; however, maybe not with current or optimally efficacious vaccine	A live virus mumps vaccine was licensed in 1967, but not routinely used until 1977. MMR available in 1971.
Born 1957 - 1961	Unlikely to have been vaccinated; possible history of disease	Was beyond kindergarten when vaccine licensed
Born before 1957	Likely history of disease	Mumps disease prevalent during childhood of this age cohort

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