How effective is the Mumps vaccine?

If 100 people are exposed to Mumps...

Mumps vaccine is effective.
Two doses of the measles-mumps-rubella (MMR) vaccine will be effective against mumps in about 88% of people vaccinated. This means it is possible for someone with 2 doses of MMR to get mumps because some individuals do not respond to the vaccine. Cases of mumps have gone down significantly since the vaccine was introduced.

94%* (94 of 100)
(2 doses of MMR)

88% (83 of 94) of those vaccinated would not get mumps.

12% (11 of 94) of those vaccinated may get mumps.

100% (6 of 6) of the unvaccinated individuals would likely get mumps.

*According to the 2014 NIS Teen Vaccination Coverage Table Data, about 94% of 13-17 year-olds received 2 doses of MMR vaccine in Minnesota.