Exposure Algorithm for Those Exposed to a Measles Case

- Case's symptoms are consistent with active measles infection
- Determine contact's exposure by time and place (shared airspace or in airspace within two hours after)
- Determine those susceptible

General Population

Born in or AFTER 1957

No vaccine doses
- Consult with CDPHE (Meghan or Tracy) for 21 day exclusion recommend-ations
- Educate and monitor for S/S

SUSCEPTIBLE

One vaccine dose*
- Receive 2nd dose (for future protection)
- Educate and monitor for S/S

****LIKELY PROTECTED***

*For preschool-aged children and adults not at high-risk
*Vaccination prior to 1968 may not be adequate for protection

Two vaccine doses*
- Considered immune
- Educate and monitor for S/S

****PROTECTED***

*Vaccination prior to 1968 may not be adequate for protection

- **Reports having Measles –physician diagnosed disease or lab evidence of immunity and Not HCW**
- Consider immune

****PROTECTED***

Born BEFORE 1957
- No exclusion
- Monitor for S/S
- If no history of disease, consider titer or single dose of vaccine

****PROTECTED***

Health Care Workers

No vaccine, No titer, No Dx
- Call CDPHE
- Exclude for 21 days after exposure
- Educate & monitor S/S

SUSCEPTIBLE

Reports two vaccines, titer or disease

Evidence of immunity and needs proof of:
- 2 documented doses of vaccine, or
- Positive titer, or
- Documented physician diagnosed disease

****PROTCTED***

- If yes, must fax proof of immunity or may be excluded from work-consult with CDPHE
- Educate and monitor for S/S

- If no proof, then exclude from work for 21 days after exposure or until positive titer obtained-call CDPHE
- Educate and monitor for S/S

** ***Presumptively Considered Immune:*** advise all to monitor for signs and symptoms of measles and to call Public Health regardless of "Protected Status" since no vaccination is 100%