$R_0 = 3.0$ and N = 8000Individuals 2 3 2 2 2 3 3 3 5 5 5 6 m=400 ; $\bar{t}=8.0$ days; $\sigma_t=4.9$ days 0.10 0.08 Prob. of detecting at least one 0.06 0.04 0.02 0.00 2.5 5.0 7.5 10.0 15.0 17.5 20.0 12.5

Time [days]