Rationale for Using Technology for Contact Tracing



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Reasons for Using Technology

- Public health staff time is often limited
- ► Timing of events is *very* important—we need to reach people quickly
- ► Technology can improve efficiency and speed of some public health functions
- ► Technology should meaningfully improve the process without creating major difficulties

Timeline of Infection: Window of Opportunity

CALENDAR DAYS O 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Person infected Incubation period (ranges from 2-14 days, but typically 5 days) Infected Contact (5 day incubation) Window of Opportunity (before they become infectious)

Image source: Center for Teaching and Learning, Johns Hopkins Bloomberg School of Public Health.