Identifying High-Risk Situations



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Important Terms

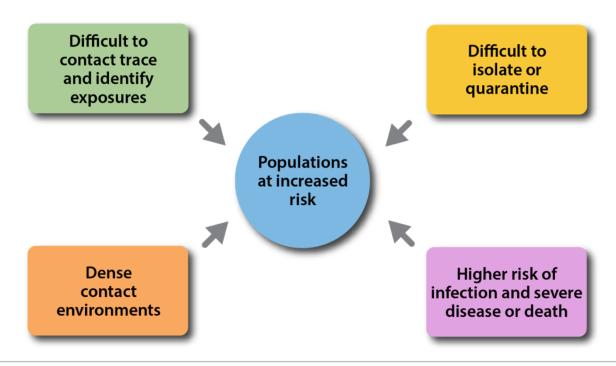
Congregate housing settings

► A shared living environment where each individual or family has private living quarters and shares common dining, recreational, and other facilities

► High-risk subpopulation

► A segment of the population that has characteristics that increase the risk of infection or severe disease

Factors that Increase Risk for Infection and Severe Disease



- ► Populations at increased risk:
 - Dense contact environment
 - ► Difficult to contact trace and identify exposures
 - Difficult to isolate or quarantine
 - ► Higher risk of infection and severe disease or death

Dense Contact Environment

- ► Large crowds of people
- ► Close contact interaction
 - ► Physical contact
 - ► Within 6 feet for prolonged periods of time
- ► Can lead to a "super-spreading" event—an unusually high reproductive number

Dense Contact Environment: Examples

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Examples

- Conferences
- Mass transit
- Religious services
- Demonstrations
- Workplaces
- Bars
- ► Gyms
- Schools
- Sporting events
- Concerts

Difficult to Contact Trace and Identify Exposures

- Close contacts may be unknown
- ► Recall of close contacts may not be reliable
- ► There may be too many contacts, and difficult to determine who is at highest risk for infection

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- ► Example: homeless shelter
 - May not recall all contacts
 - Contacts may be spread out through multiple jurisdictions
 - Difficulty locating or testing exposed homeless contacts

Difficult to Isolate or Quarantine

- ▶ Unable to distance from others
 - ► Design of house or facility
 - ► Developmental disabilities
 - ► Not enough resources
 - Masks, gloves, staff
 - Social pressures
- ► Unwilling to cooperate

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 - Social pressures
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- Example: intermediate care facility
 - A home with individuals with special needs
 - Residents may be unable to cooperate
 - May not understand the concepts of hygiene and social distancing
 - Difficult to remove those who need care from infected people
 - Harder to maintain resources (masks, gowns) for effective infection prevention

Higher Risk of Infection and Severe Disease or Death

- May be more likely to get infected due to close contacts
- More likely to have underlying medical conditions (heart disease, respiratory conditions, poor immune system)
- May get exposed to the virus multiple times

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- **▶** Example: assisted living facility
 - Congregate living situation
 - Most residents over 60 years of age
 - Multiple levels of care, including skilled nursing facilities, which care for individuals with illness or injury

Contact Tracers Must Help Identify High-Risk Situations

- ► Collect the necessary information to assess risk accurately:
 - ► Location and type of interactions
 - Contact information for venue
 - Names of close contacts
 - ▶ Specifics on flight number, movie name, conference name, class name, facility name
- ► The identification might depend on noticing a pattern between multiple calls
- Notify case that there may be additional follow-up
- Immediately escalate to a supervisor