

# Outbreaks in 2010

- C.pneumoniae in correctional setting
- Influenza in a correctional setting
- Cluster of meningococcal cases
- Cluster of meningococcal cases
- Cluster of meningococcal cases
- Respiratory cluster in a community
- Respiratory illness in a correctional setting
- Legionellosis in a nursing home
- Respiratory cluster in a community
- Influenza at a school
- Cluster of meningococcal cases
- Respiratory illness in a nursing home

12 Oubreaks

# Outbreaks in 2011

- Influenza in a nursing home
- Influenza in a nursing home
- Respiratory illness in a nursing home
- Influenza in a nursing home
- RSV in a correctional setting
- Influenza at a hospital
- Cellulitis at a nursing home
- Influenza in a nursing home
- Influenza in a nursing home
- Respiratory illness at a conference
- Influenza in a nursing home

15 Oubreaks

# Outbreak Reporting

- Required by state law “any outbreak”
- Requested on influenza report
- CDC requests info on outbreaks
- NORS report forms are 3 – 14 pages long

# Minimum Information to Characterize an Outbreak

- Setting
- Type of illness
- Timeframe (1<sup>st</sup> to last onset)
- Attack rates (total exposed / total ill)
- Severity (hospitalizations / deaths)
- ??????

# Outbreak Definitions from AZ

- **School/daycare:** a sudden increase of cases over the normal background rate, OR five cases in one week in an epidemiologically linked group (such as a single classroom, sports team, or after school group).
- **Hospital/Clinic:** one or more *health-care facility associated* case(s) of confirmed influenza in patient(s), OR three or more *health-care facility associated* cases of acute respiratory febrile illness or ILI among health-care workers and patients of a facility on the same unit within 72 hours.
- **Nursing homes/Assisted living facility:** three or more cases occurring within 72 hours in residents who are in close proximity to each other (e.g., in the same area of the facility), OR a sudden increase of cases over the normal background rate. **One case of confirmed influenza by any testing method in a long-term care facility resident is also an outbreak.**