CaliciNet

Norovirus Reporting in CaliciNet

EXPOSURE
People exposed to norovirus; some get sick and seek treatment

NOTIFICATION
Health department notified and begins an investigation

SPECIMENS COLLECTED
Health department collects epidemiologic data and specimens

SPECIMENS SHARED
Specimens shared with public health lab participating in CaliciNet

SPECIMENS TESTED
CaliciNet-certified lab personnel extract viral RNA from specimen and tests for norovirus using RT-PCR

NOROVIRUS+
Specimen tests positive for norovirus

STRAIN IDENTIFIED
CaliciNet-certified lab personnel determines the sequences of the specimen to type the norovirus strain

DATA UPLOADED
Health department lab uploads outbreak and sequence data into CaliciNet

DATA COMPARISON
Genetic sequence data compared with existing sequences to identify trends in norovirus disease outbreaks

DATA ANALYZED
• Verifies CaliciNet data for quality and accuracy
• Links information linked to NORS when possible
• Compare with existing sequences

DATA PUBLISHED
CDC and CaliciNet labs summarize and publish data

RESULTS USED TO
• Better understand norovirus outbreaks
• Develop recommendations and guidance to prevent future outbreaks

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