**19-CDC-112-01:**

> 2 patients\_New York City

GTGACGAGCTTGGCACTGATCCCATTGAAGATTATGAACAAAACTGGAACACTAAGCATGGCAGTGGTGC

> 1 patient\_Albany

TCAATTATATTCAATATGGAAAGAATAAAAGAACTAAGGAATCTAATGTCGCAATCTCGCACTCGCGAGA

> 1 patient\_Chicago

CGTTAGTGGACAGAGGCTGGGGAAATGGATGTGGACTTTTTGGCAAAGGGAGCCTGGTGACATGCGCTAA

> 1 patient\_Wichita

GGGCAACAGCTATACTCAGAAAAGCAACCAGGAGATTGATTCAGCTGATAGTGAGTGGAAGAGACGAACA

> 2 patients\_Washington D.C.

TAAAGAGTTATACGGGGTGAGTTTTTCAGAATTAGTAAGACCATTTAAAAGTAATAAATCAACGTGTTGC

> 1 patient\_Austin

TTTAAAACTTACTGACAATGTTGCCATTAAATGTGTTGACATCGTTAAGGAGGCACAAAGTGCTAATCCT

> 1 patient\_Washington D.C.

AAGAAGTTCAAGAAAGATCTGGCTGCCATGCTGAGAATAATCAATGCTAGGAAGGAGAAGAAGAGACGAG

**19-CDC-112-02:**

> 2 patients\_Boston

TGATGATATTGATCAAAGTCTAATTATTGCTGCTAGGAACATAGTGAGAAGAGCTGCTGTATCAGCAGAT

> 2 patients\_Helena

TGTGTACGGAACCTGCCATCACAAAAAAGGTGAAGCACGGAGATCTAGAAGAGCCGTGACGCTCCCCTCC

> 1 patient\_Denver

CACCTAATGCTAAGGAAGAGATTCTAGGAACTGTATCCTGGAATTTGAGAGAAATGCTTGCTCATGCTGA

> 1 patient\_Seattle

GTGGGGGTGGTTGCAGTCAGTACAGTAGTGGAAGTGGGGGAGAGGGTGTTAGTGAAAGACACACTATATG

> 1 patient\_Nebraska

ATTAACGATAACCAAAGAGAAGAAAGAAGAACTCAAGGATTGCAAAATTTCTCCTTTGATGGTTGCATAC

> 1 patient\_Los Angeles

GAGTACACTGGTAACTATCAGTGTGGTCATTACACTCATATAACTGCTAAGGAGACCCTCTATCGTATTG

> 1 patient\_Los Angeles

TCAGTTCATGGCTCCCAGCACAGTGGGATGATTGTTAATGACACAGGACATGAAACTGATGAGAATAGAG

**19-CDC-112-03:**

> 1 patient\_New York

ACTCAGCAGATGTTACAGGTAGAAGGGCGCCATGAGACTGAAACACCATGTAGTCAGTATAGTGGTGGAA

> 1 patient\_Cheyenne

GGGAAGCTCAACGAGCCAAAAAGTCATATACTTGGTCATGATACTGCTGATTGCCCCGGCATACAGCATC

> 1 patient\_Sacramento

GTGAAGTCTTCATCGCTCAAAGCAAGGGACTTTACCGTCAGTGTATACGTGGCAAGGAGCAGCTGCAACT

> 2 patients\_Bismark

CTTCAGTTTTGGCGGATTCACATTTAAGAGAACAAGCGGATCATCAGTCAAGAGAGAGGAGGAAGTGCTT

> 1 patient\_Columbus

AGGTGCATAGGAGTCAGCAATAGGGACTTTGTGGAAGGTATGTCAGGTGGGACTTGGGTTGATGTCGTCT

> 2 patients\_Las Vegas

TTACATATGCATCTGCACTCTGGGAAATCCAGCAAGTTGTTGATGCGGATAGCAAGATTGTTCAACTTAG

> 1 patient\_Los Angeles

ATGATTCCTGAGAGAAATGACCAAGGACAAACTTTATGGAGTAAAATGAATGATGCCGGATCAGACCGAG

**19-CDC-112-04:**

> 2 patients\_Sacramento

AACAAGGCACTCGAAATGTGCATTGATCAAGTCACTATCGCTGGCGCAAAGTTGCGATCACTCAACTTAG

> 1 patient\_Miami

GGGATGAATAAGTGTTATATACAGATCATGGATCTTGGACACATGTGTGATGCCACCATGAGCTATGAAT

> 2 patients\_Miami

CACTTAGTGATATTAGTGGATGTGTAGACAATAATATTAGTCCTAGATTAAAAGCTATATGTATAGAAAAA

> 1 patient\_Sante Fe

TATTCTCATGACAGCTCGCACTGTTTATGATGATGCTGCTAGACGTGTTTGGACACTGATGAATGTCATT

> 1 patient\_Dallas

TGGAACATGGAGGTTGTGTCACCGTAATGGCACAGGACAAACCGACTGTCGACATAGAGCTGGTTACAAC

> 1 patient\_Salt Lake City

AAAAATCTACAAAACTTATTTTGAAAAAGTCGAAAGGTTAAAACATGGAACCTTTGGCCCTGTCCATTTT

> 1 patient\_Los Angeles

GTATACGGCATGCTCTCATGCAGCTGTTGATGCCCTATGTGAAAAGGCATTAAAATATTTGCCCATAGAT

**19-CDC-112-05:**

> 1 patient\_Raleigh

TGGGAGTGCATACTATATGTACTTGGACAGAAACGATGCTGGGGAGGCCATATCTTTTCCAACCACATTG

> 1 patient\_Miami

CAAAGTAGAGCTGCAAAAAGGAGATTATTTGAAAGCGAAGACAGCGGGTATGGCAATACTGAAGTGGAA

> 2 patients\_Los Angeles

TCTTTGGAGTACAAAGCCAGTAGATACTTCAAATTCATTTGAAGTTCTGGCAGTAGAAGACACACAAGGA

> 1 patient\_Sante Fe

ATGTTAGAGAGAGAACTAGTCCGCAAAACGAGATTCCTCCCAGTTGCTGGTGGAACAAGCAGTGTGTACA

> 1 patient\_Chicago

CCTCTACTTTGACAAGGCTGGTCAAAAGACCTATGAGAGACATCCGCTCTCCCATTTTGTCAATTTAGAC

> 1 patient\_Atlanta

CCCGTCACTTAGGATGAAATGGATGATGGCAATGAAATATCCAATTACAGCAGACAAAAGGATAACGGAA

> 1 patient\_Seattle

TTTGTCCGTATCCAACCTGGTCAAACATTTTCAGTTCTAGCATGCTACAATGGTTCACCATCTGGTGTTT

**19-CDC-112-06:**

> 1 patient\_Washington D.C.

TACTCACAAAAACCACCGTGGACCATATGGCCATAATCAAGAAATACACATCAGGAAGACAGGAAAAGAA

> 1 patient\_Las Vegas

TGGATTCATATTACTCATTGCTGATGCCCATCCTCACTTTGACTAGGGCATTGGCTGCTGAGTCCCATAT

> 2 patients\_New York

TTAGAGTCGAAAATTGGATATTCAGGAACCCTGGTTTCGCTTTAGCAGCAGCTGCCATCGCTTGGCTTTT

> 1 patient\_Atlanta

TTTACTGCACAGGAAGCAAAACAACATAGAGATGCAGTACAGGTTCTAAAACGAAAGTATTTGGGTAGTC

> 1 patient\_Seattle

CCACTAGCATCTTTATTGGAGATGTGCCACAGCACACAGATTGGTGGAACAAGGATGGTGGACATTCTTA

> 1 patient\_Los Angeles

AATGCTAGTTAAACAAGGAGATGATTACGTGTACCTGCCTTACCCAGATCCATCAAGAATATTAGGCGCA

> 1 patient\_Sacrameto

CATTCCACTAGGAAGCTGCAAACGCGGTCGCAAACCTGGTTGGAATCAAGAGAATACACAAAGCACTTGA

**19-CDC-112-07:**

> 2 patients\_Sacramento

ACGGGCAATCTTCAAACATTGAAGATAAGGGTGCATGAGGGATATGAAGAATTCACAATGGTTGGGAGAA

> 2 patients\_Wichita

GCCCTATGCTGGATGAGGGGGTGGAACCAGATGACGTCGATTGTTGGTGCAACACGACGTCAACTTGGGT

> 1 patient\_Chicago

CCAAACACCACTTACAAATATTTTAAATGTACTAAAAACTAGTAATGCAAAGGCAGCAATGTTAGCAAAATT

> 2 patients\_Salt Lake City

CTGTCACCATACTTGATGGTATTTCTGAACAGTCATTACGTCTTGTCGACGCCATGGTTTATACTTCAGA

> 1 patient\_Denver

AATGAGGGATGTGCTTGGGACATTTGACACCACTCAGATAATAAAACTTCTTCCCTTTGCAGCCGCTCCA

> 1 patient\_Cheyenne

AAGCCTAGAGTGGAAGCACCTAAACAAGAGGAGCCACCAAACACAGAAGATTCCAAAACTGAGGAGAAAT

**19-CDC-112-08:**

> 1 patient\_Los Angeles

CATTACCAAATGCGAGTTTTGATAATTTCAAACTCACATGTTCTAACACAAAATTTGCTGATGATTTAAA

> 1 patient\_Helena

CACAGGATGTAATCATGGAAGTTGTTTTCCCAAACGAAGTGGGAGCCAGAATACTAACGTCGGAGTCGCA

> 1 patient\_Baton Rouge

AGCCGCTGCCCAACACAAGGTGAAGCCTACCTTGACAAGCAATCAGACACTCAATATGTYTGCAAAAGAA

> 1 patient\_Washington D.C.

GATTGGTGTATTGCTGCATTTGGACTTACACCCAGTATAGCTGACAGTATAAAAACACTATTACAACAAT

> 1 patient\_Boston

GTTTGCATGCTCCAAGAAAATGACCGGGAAGAGCATCCAGCCAGAGAATCTGGAGTACCGGATAATGTTG

> 2 patients\_Miami

CACTCAAGGGTGGTAAGATTGTTAGTACTTGTTTTAAACTTATGCTTAAGGCCACATTATTGTGCGTTCT

**19-CDC-112-09:**

> 1 patient\_Boston

ATTGTTTATATTTACACATTCAAAGTTTAGCATGTTCATGGGGAATGGTTGTGTTACTATTAGTAAGATA

> 1 patient\_Madison

GCGCAGAAACTAGTGTCGGAATTGTTGGCCTCCTTCTGACCACAGCTATGGCAGCGGAGGTCACTAGACG

> 1 patient\_Nashville

TTGAAGTGTTGCATTTGACTCAAGGAACATGCTGGGAACAGATGTACACTCCAGGTGGAGAAGTGAGGAA

> 2 patients\_Sacramento

CGTCAAGGGTCAAATACAGGTTGCTTCAGATAACATCAAGGATTGTGTAAAATGCTTCATTGATGTTGTT

> 1 patient\_Austin

AGAAACCAAGTCAAAATACGCCGAAGAGTTGACATAAATCCTGGCCATGCAGACCTCAGTGCCAAGGAGG

> 1 patient\_Los Angeles

GGAGTTTTCTGTGGTGTTGATGCGATGAATCTCATAGCTAACATCTTTACTCCTCTTGTGCAACCTGTGG

> 1 patient\_Los Angeles

ATGGCTGATCCTGCAGGTACCAATGGGGAAGAGGGTACGGGATGTAATGGATGGTTTTATGTAGAGGCTG

**19-CDC-112-10:**

> 2 patients\_Santa Fe

TTTGACACTTTCAAAGGGGAATGCCCAAAGTTTGTGTTTCCTCTTAACTCAAAAGTCAAAGTCATTCAAC

> 1 patient\_Des Moines

TGATGGTATCACCTCTGGCTGTGACATGGTGGAATAGAAATGGACCAATGACAAGTACAATTCATTATCC

> 1 patient\_Los Angeles

TAGTGGAAAAAAAAACAGGGGATGCTATATCAGATGACGAGAACGAAAATGACAGTGATACAGGTGAAGA

> 1 patient\_Dallas

AACAGTCAGCAACATGGCGGAGGTAAGATCCTACTGCTATGAGGCATCAATATCAGACATGGCTTCGGAC

> 1 patient\_Chicago

TTTGGTAGATTTTATAGTAAATGATAATGATTATTTAACACAGGCAGAAACAGAGACAGCACATGCGTTG

> 1 patient\_Seattle

CATGTGGGTACCTACCTACTAATGCTGTAGTGAAAATGCCATGTCCTGCCTGTCAAGACCCAGAGATTGG

> 2 patients\_Lincoln

GGCAGAACCCAACAGAAGAACAAGCCGTGGATATATGCAAGGCTGCAATGGGACTGAGAATCAGCTCATC