COVID-19 Update April 2, 2020

As of **April 2, 2020**, a total of **3824** laboratory-confirmed cases of COVID-19 have been reported among Connecticut residents (Figure 1). **Eight hundred and twenty-seven** patients are currently hospitalized. **One hundred and twelve** residents have died.

All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut Hospital Association. Deaths reported to the either the OCME or DPH are included in the daily COVID-19 update. For public health surveillance, laboratory-confirmed COVID-19-associated deaths are defined as patients who tested positive for COVID-19 around the time of death; this is not a determination of the cause of death.

OVERALL SUMMARY		
	Total	**Change Since Yesterday**
Laboratory-Confirmed COVID-19 Cases	**3824**	+267
Laboratory-Confirmed COVID-19-Associated Deaths	**112**	+27
Patients Currently Hospitalized with COVID-19	**827**	+61
Patients tested for COVID-19	**18300**	+1700

Laboratory-Confirmed COVID-19 Cases and Associated Deaths by County of Residence

As of 4/2/20 12:00pm. Includes patients tested at the State Public Health Laboratory, hospital, and commercial laboratories.
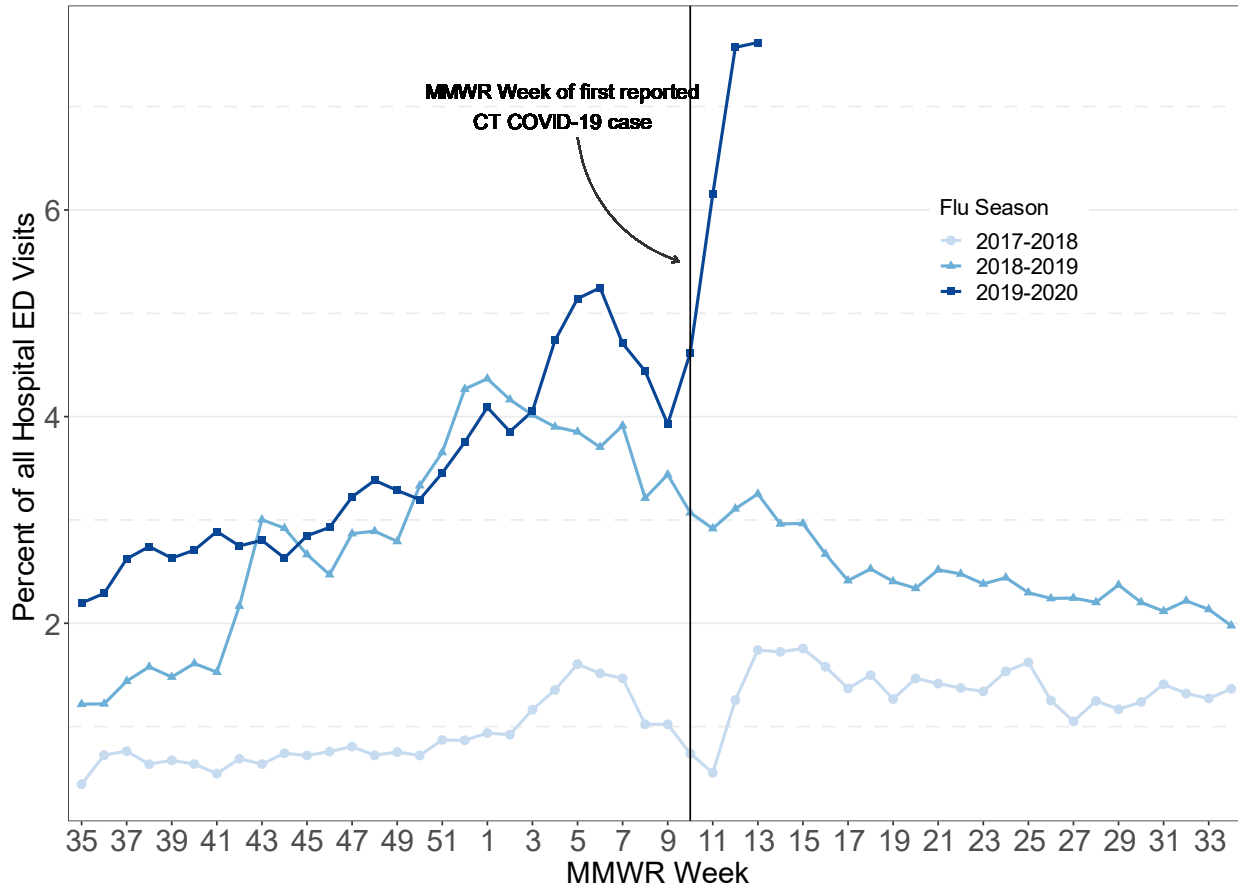
County	Laboratory-Confirmed COVID-19 Cases	Laboratory-Confirmed COVID-19-Associated Deaths
Fairfield County	2132	65
Hartford County	539	13
Litchfield County	141	2
Middlesex County	74	3
New Haven County	647	17
New London County	29	1
Tolland County	67	10
Windham County	21	0
Pending address validation	*174*	*1*
Total	**3824**	**112**

[National COVID-19 statistics](#) and information about [preventing spread of COVID-19](#) are available from the Centers for Disease Control and Prevention.

A weekly report on seasonal influenza activity can be found on the [DPH website](#).

Last updated 4/2/20. All data are preliminary and subject to change.

Syndromic Surveillance

The Department of Public Health EpiCenter hospital emergency department (ED) syndromic surveillance system receives near real-time information from all 38 licensed, hospital EDs in Connecticut. The percentage of individuals seeking care for "unexplained fever/flu" syndrome ED visits is monitored to identify individuals that may have symptoms consistent with COVID-19; this differs from the "fever/flu" syndrome in the weekly influenza report since patients with a known diagnosis (e.g., influenza, strep throat) are not included. **The syndromic surveillance systems suggest that many more people are seeking care for respiratory illnesses, including COVID-19, than usual at this time.**

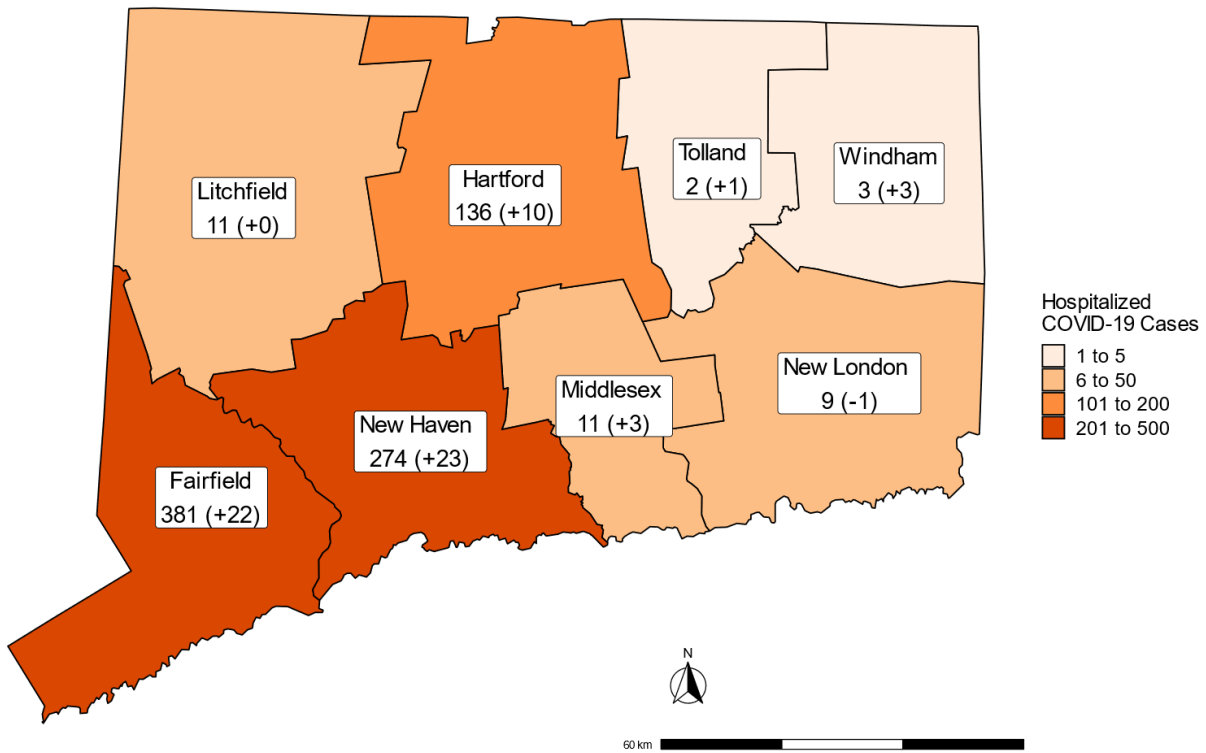Last updated 4/2/20. All data are preliminary and subject to change.

Hospitalization Surveillance

The map below shows the number of patients currently hospitalized with laboratory-confirmed COVID-19 by county based on data collected by the Connecticut Hospital Association. The distribution is by location of hospital, not patient residence. The labels indicate the number of patients currently hospitalized with the change since yesterday in parentheses.
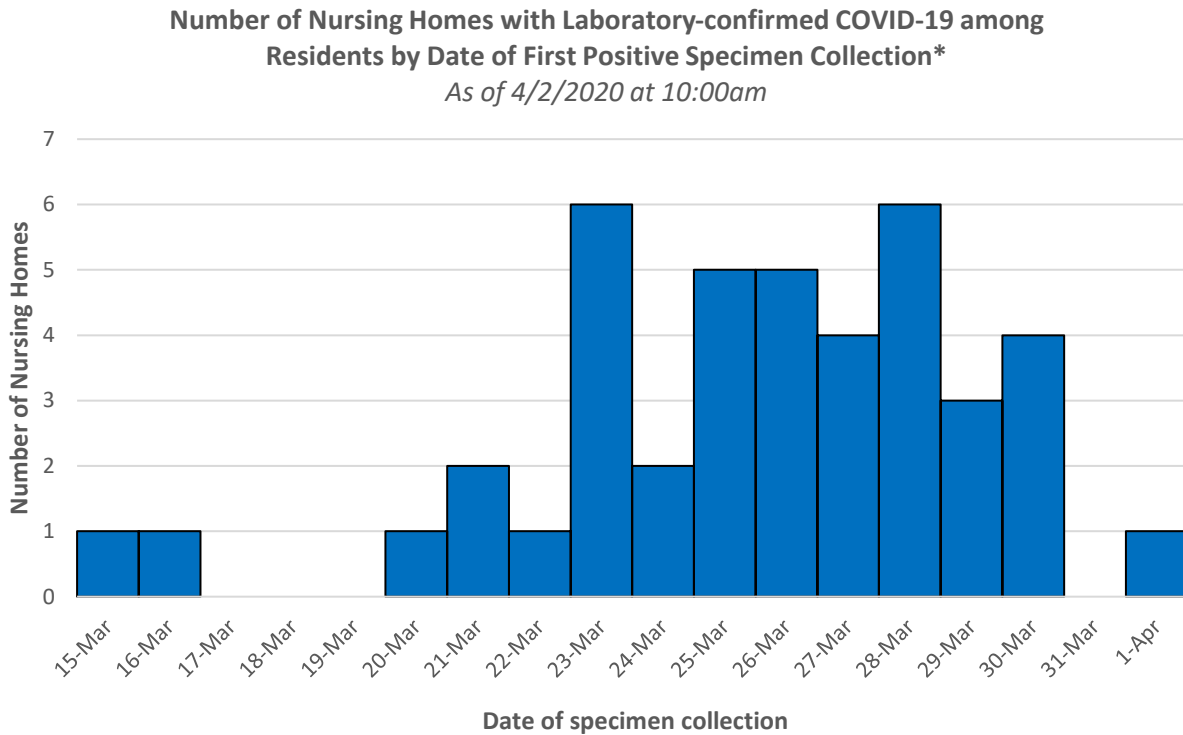
Patients Currently Hospitalized by Connecticut County

Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.

Tolland
2 (+1)

Windham
3 (+3)

Litchfield
11 (+0)

Hartford
136 (+10)

New London
9 (-1)

Middlesex
11 (+3)

New Haven
274 (+23)

Fairfield
381 (+22)

Hospitalized
COVID-19 Cases

1 to 5
6 to 50
101 to 200
201 to 500

N

60 km

Last updated 4/2/20. All data are preliminary and subject to change.
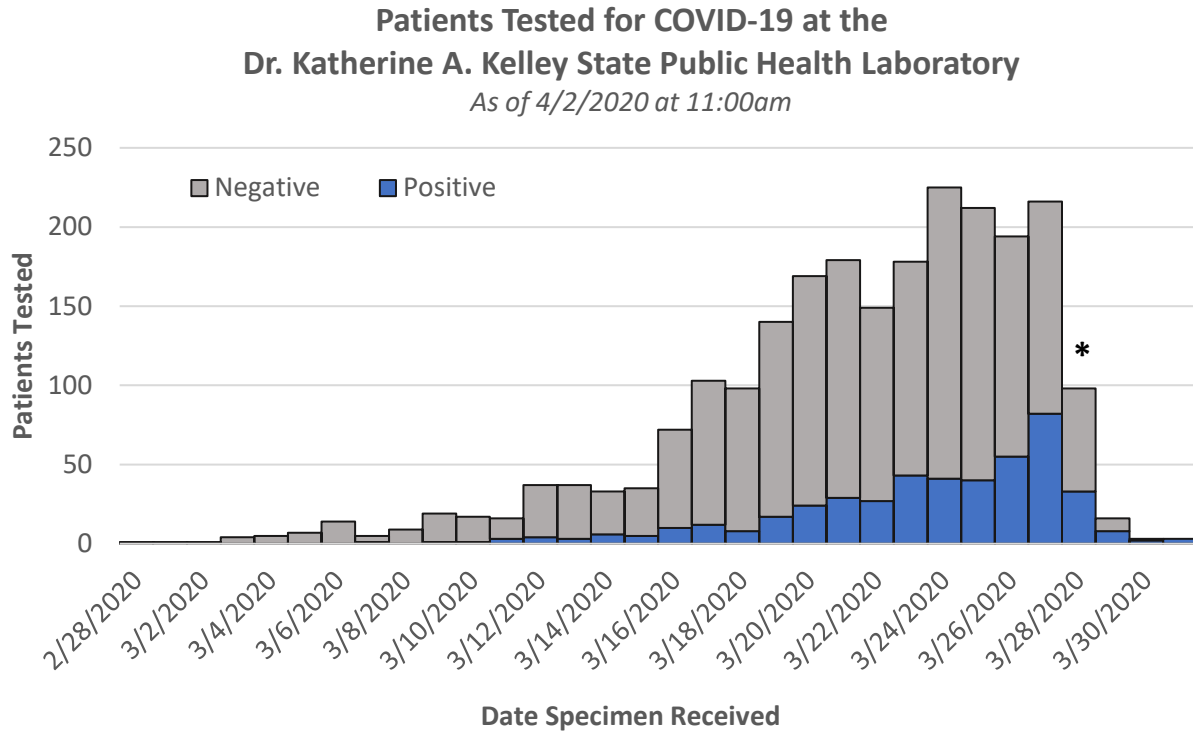
Nursing Home Surveillance

Among **216** nursing homes in CT, **42 (19%)** have had at least one confirmed case of COVID-19. A total of **150** nursing home residents with laboratory-confirmed COVID-19 have been identified of whom **64 (43%)** were hospitalized and **15 (10%)** have died. The graph below shows the number of nursing homes with laboratory confirmed COVID-19 cases by the first date a positive specimen was collected.

Number of Nursing Homes with Laboratory-confirmed COVID-19 among Residents by Date of First Positive Specimen Collection*
As of 4/2/2020 at 10:00am

Test results may be reported several days after the result. Data from previous days are routinely updated.

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Last updated 4/2/20. All data are preliminary and subject to change.
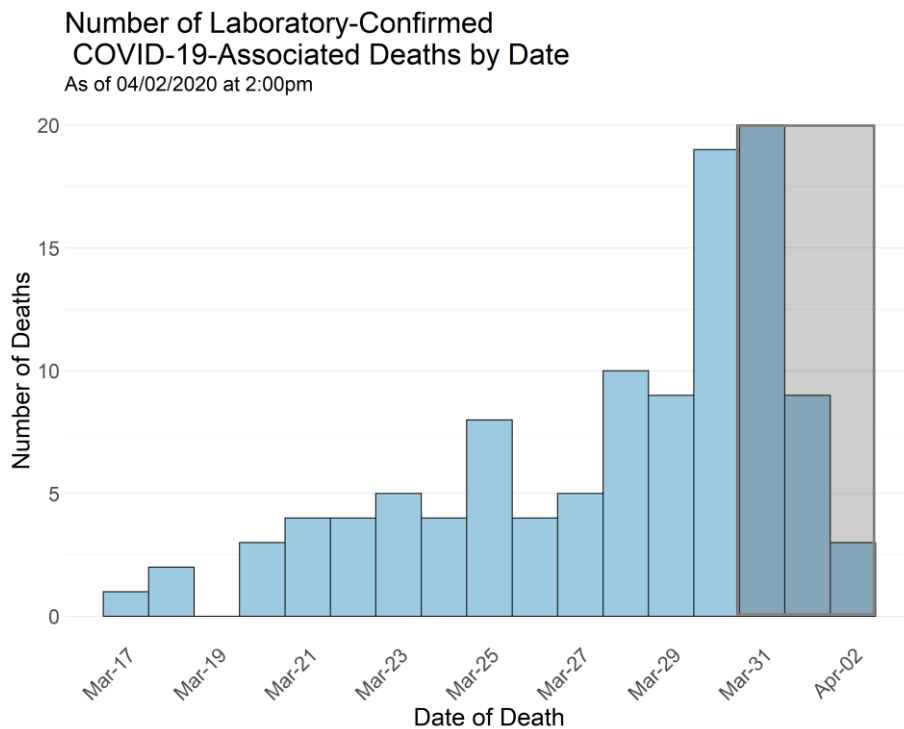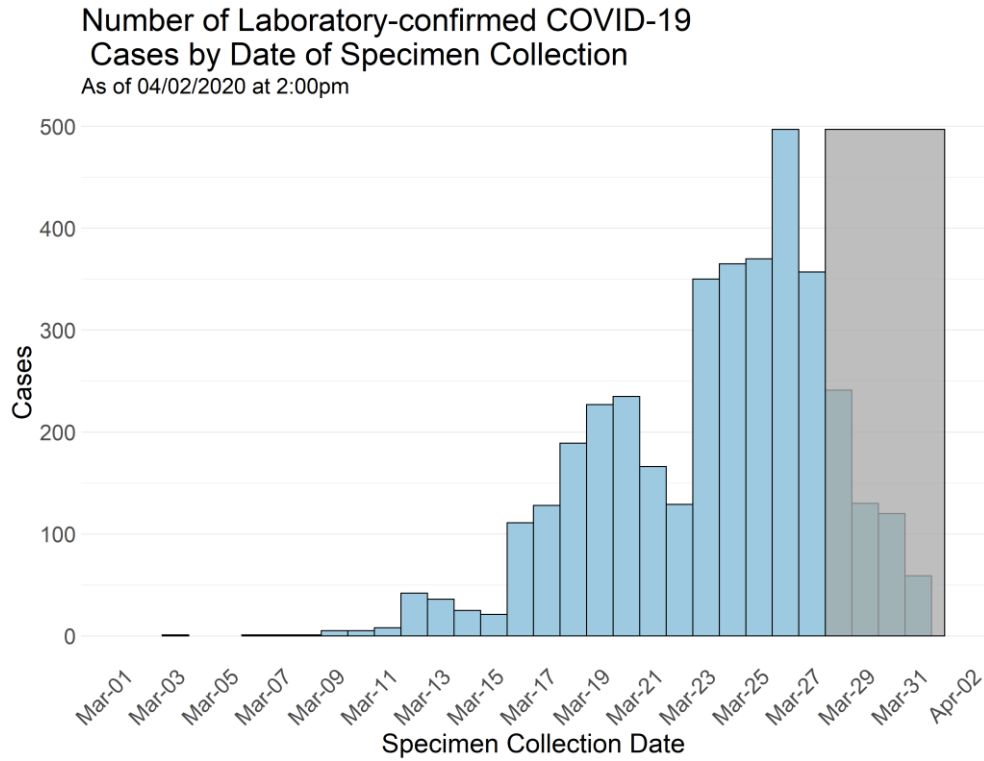
Laboratory Surveillance

The Dr. Katherine A. Kelley State Public Health Laboratory has tested a total of **2260** patients for COVID19; **453 (20%)** patients tested positive. The graph below shows the number of patients tested by date specimens were received. Hospital and commercial laboratories also are offering testing for COVID-19 in Connecticut; in total, more than **18300** tests have been reported to date.

**Patients Tested for COVID-19 at the
Dr. Katherine A. Kelley State Public Health Laboratory**
As of 4/2/2020 at 11:00am

Testing of specimens received since March 28 is on-going and does not reflect a decrease in testing.

Last updated 4/2/20. All data are preliminary and subject to change.

Characteristics of Laboratory-Confirmed COVID-19 Cases and Associated Deaths

Test results may be reported several days after the result. Data are incomplete for most recent dates shaded in grey. Data from previous days are routinely updated.

Number of Laboratory-confirmed COVID-19 Cases by Date of Specimen Collection
As of 04/02/2020 at 2:00pm

Number of Laboratory-Confirmed COVID-19-Associated Deaths by Date
As of 04/02/2020 at 2:00pm

Last updated 4/2/20. All data are preliminary and subject to change.

Counts may not add up to total case count as demographic data may be missing.

Number of Laboratory-Confirmed COVID-19 Cases per Age Group
As of 04/02/2020 at 2:00pm

Number of Laboratory-Confirmed COVID-19-Associated Deaths by Age Group
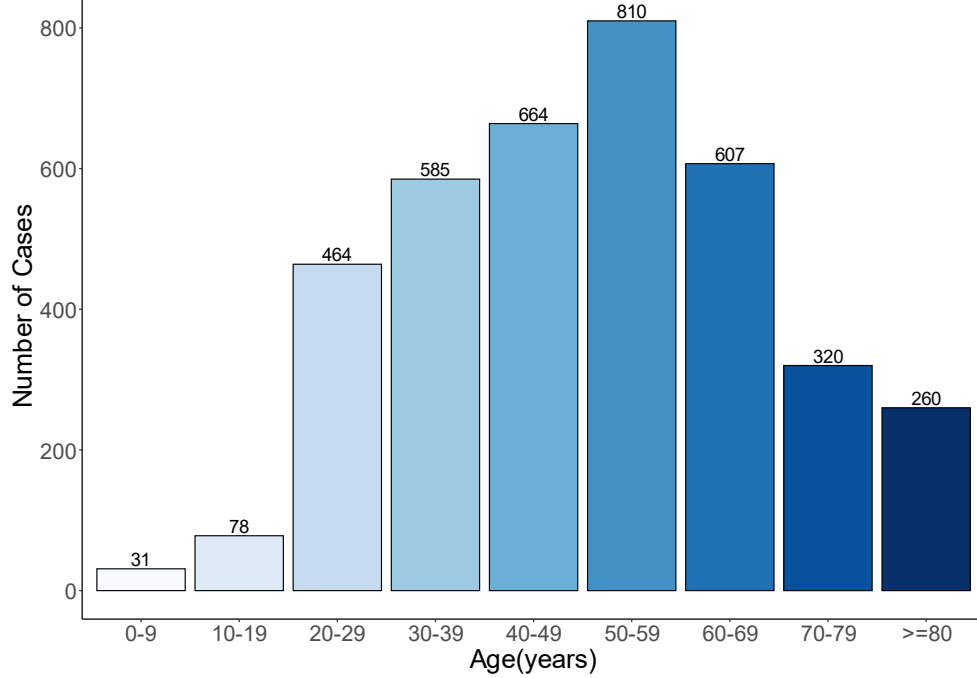As of 04/02/2020 at 2:00pm

Last updated 4/2/20. All data are preliminary and subject to change.

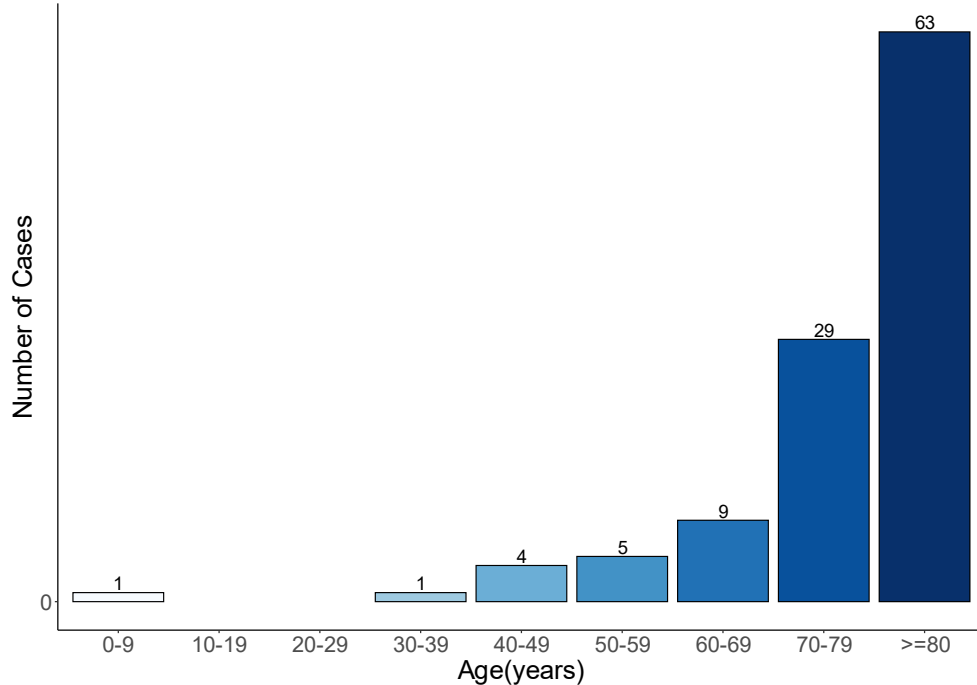*Counts may not add up to total case count as demographic data may be missing.*

Number of Laboratory-Confirmed COVID-19 Cases by Gender
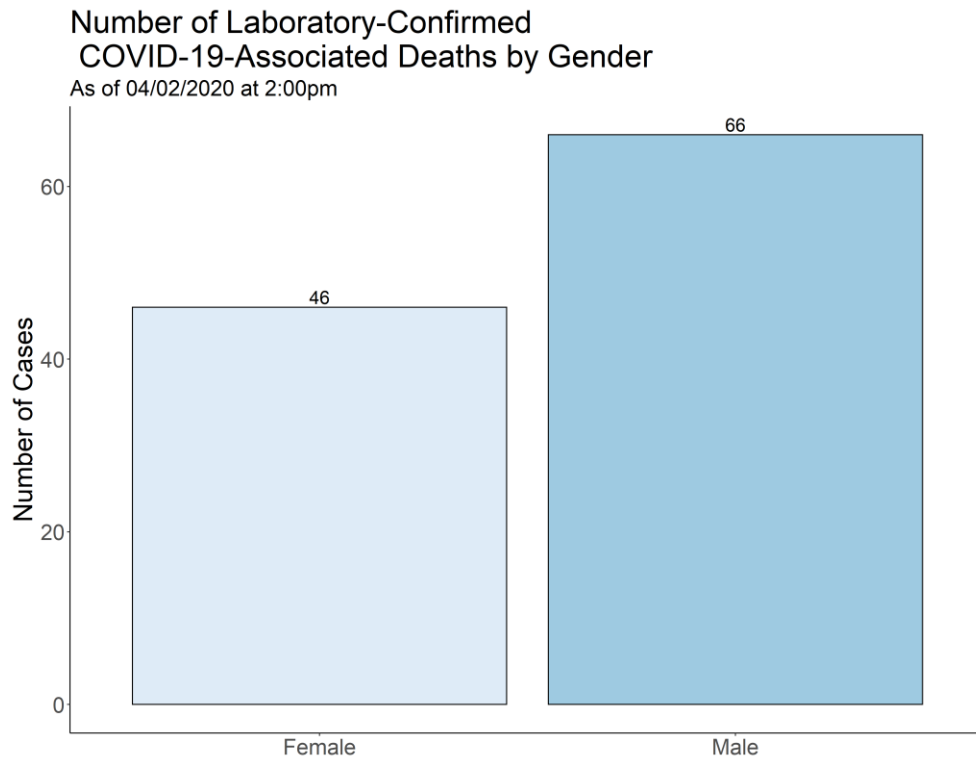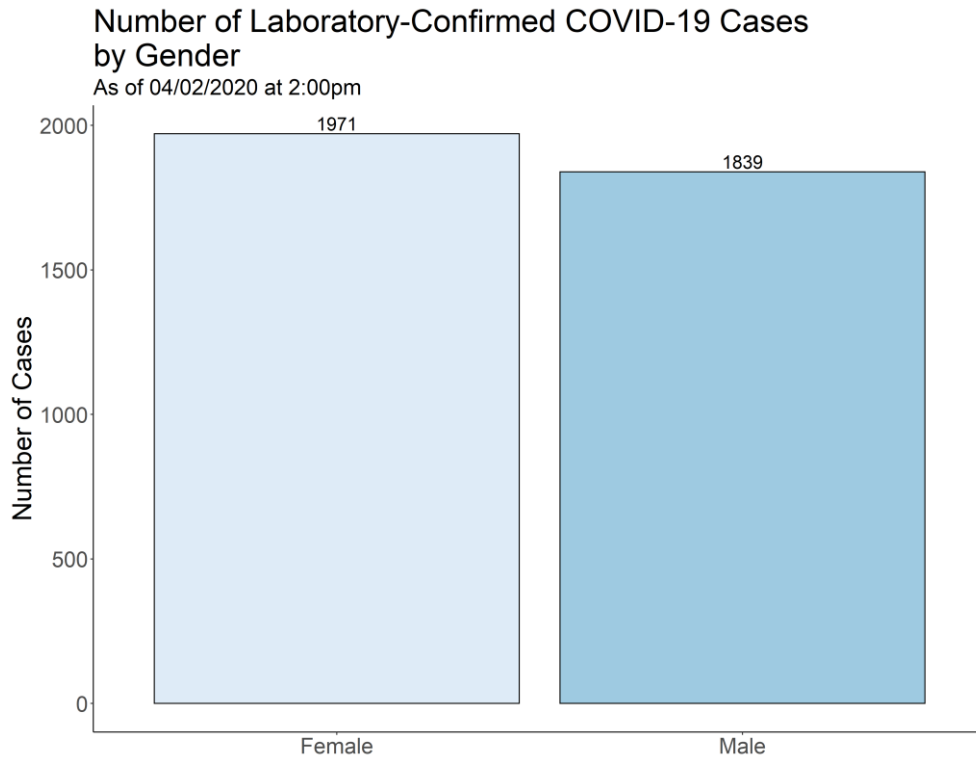As of 04/02/2020 at 2:00pm

Number of Laboratory-Confirmed COVID-19-Associated Deaths by Gender
As of 04/02/2020 at 2:00pm

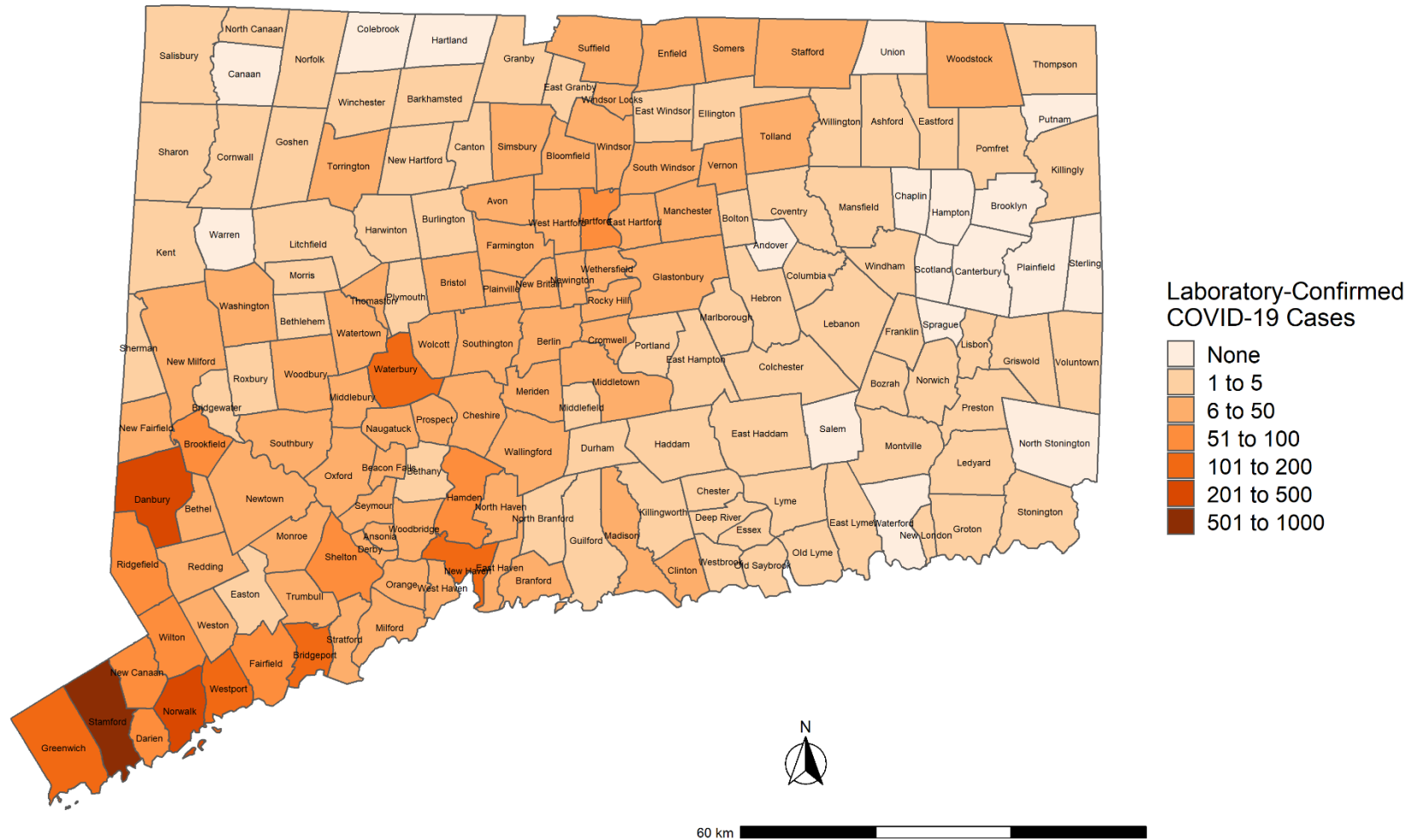Last updated 4/2/20. All data are preliminary and subject to change.

Connecticut Towns with Confirmed Cases of COVID-19

Map does not include 174 cases pending address validation.

Last updated 4/2/20. All data are preliminary and subject to change.

APPENDIX A. Towns with Confirmed Cases of COVID-19

Table does not include 174 cases pending address validation.

Town	Cases		Town	Cases		Town	Cases
Andover	0		Griswold	1		Prospect	8
Ansonia	25		Groton	2		Putnam	0
Ashford	4		Guilford	5		Redding	16
Avon	11		Haddam	1		Ridgefield	78
Barkhamsted	1		Hamden	55		Rocky Hill	22
Beacon Falls	8		Hampton	0		Roxbury	3
Berlin	14		Hartford	90		Salem	0
Bethany	1		Hartland	0		Salisbury	3
Bethel	39		Harwinton	4		Scotland	0
Bethlehem	4		Hebron	4		Seymour	17
Bloomfield	20		Kent	5		Sharon	4
Bolton	3		Killingly	2		Shelton	59
Bozrah	1		Killingworth	1		Sherman	4
Branford	23		Lebanon	2		Simsbury	9
Bridgeport	115		Ledyard	2		Somers	6
Bridgewater	3		Lisbon	2		South Windsor	12
Bristol	18		Litchfield	4		Southbury	14
Brookfield	59		Lyme	1		Southington	27
Brooklyn	0		Madison	12		Sprague	0
Burlington	5		Manchester	36		Stafford	19
Canaan	0		Mansfield	1		Stamford	508
Canterbury	0		Marlborough	3		Sterling	0
Canton	2		Meriden	31		Stonington	2
Chaplin	0		Middlebury	8		Stratford	38
Cheshire	20		Middlefield	2		Suffield	18
Chester	1		Middletown	29		Thomaston	8
Clinton	7		Milford	23		Thompson	1
Colchester	3		Monroe	9		Tolland	9
Colebrook	0		Montville	2		Torrington	24
Columbia	2		Morris	2		Trumbull	22
Cornwall	1		Naugatuck	13		Union	0
Coventry	4		New Britain	36		Vernon	14
Cromwell	7		New Canaan	51		Voluntown	1
Danbury	231		New Fairfield	32		Wallingford	18
Darien	77		New Hartford	3		Warren	0
Deep River	4		New Haven	133		Washington	10
Derby	13		New London	3		Waterbury	105
Durham	3		New Milford	37		Waterford	0
East Granby	2		Newington	28		Watertown	11
East Haddam	2		Newtown	33		West Hartford	24
East Hampton	4		Norfolk	1		West Haven	50
East Hartford	26		North Branford	5		Westbrook	2
East Haven	17		North Canaan	1		Weston	29
East Lyme	2		North Haven	10		Westport	125
East Windsor	2		North Stonington	0		Wethersfield	22
Eastford	1		Norwalk	330		Willington	1
Easton	5		Norwich	2		Wilton	51
Ellington	4		Old Lyme	1		Winchester	2
Enfield	38		Old Saybrook	5		Windham	5
Essex	2		Orange	8		Windsor	26
Fairfield	51		Oxford	13		Windsor Locks	7
Farmington	16		Plainfield	0		Wolcott	6
Franklin	1		Plainville	10		Woodbridge	6
Glastonbury	14		Plymouth	3		Woodbury	6
Goshen	1		Pomfret	2		Woodstock	6
Granby	1		Portland	4			
Greenwich	170		Preston	1			

Last updated 4/2/20. All data are preliminary and subject to change.

APPENDIX B. The following graphs show the rate of cases per 100,000 Connecticut residents in each age group and by gender. Population estimates from: https://portal.ct.gov/DPH/Health-Information-Systems--Reporting/Population/Population-Statistics.

Rate of Laboratory-Confirmed COVID-19 Cases per 100,000 Population by Age Group
As of 04/02/2020 at 2:00pm

Rate of Laboratory-Confirmed COVID-19 Cases by Gender
As of 04/02/2020 at 2:00pm

Last updated 4/2/20. All data are preliminary and subject to change.