

## **Estimations of Deaths in Connecticut Caused by Pandemic Flu by Department of Emergency Management and Homeland Security (DEMHS) Planning Regions**

**NOTE:** THE NUMBERS CONTAINED IN THE FOLLOWING TABLE ARE ESTIMATIONS OF WHAT COULD HAPPEN AND ARE INTENDED SOLELY AS A GUIDE TO HELP LOCALITIES PLAN AND PREPARE.

The attached table is an estimation of the number of deaths that could possibly occur if pandemic flu were to arrive in Connecticut. The numbers are based on the population data obtained from UCONN 2007 Census Estimates<sup>1</sup>. The following document consists of six (6) separate charts: One chart providing the total state figures for both those who will become ill, and those who will die as a result of the pandemic flu. The remaining charts break down the number of ill and dead into the five (5) DEMHS planning regions. These charts, in addition to the Information For Managing Pandemic Influenza Fatality Events in Connecticut booklet<sup>2</sup> is to assist local authorities in preparing to manage the increased number of deaths due to a natural disease pandemic, that is, deaths that are over and above the usual number of fatalities that usually occur in a locality.

### **EXAMPLE**

*Provide example explaining how the attack rate and mortality rate were calculated by outlining the figures from a few towns listed on the charts. Note how the attack rate figures can assist the hospitals greatly in their surge planning efforts and the mortality figures will be useful to the funeral directors and local health and emergency planners in determining their needs for temporary body storage/internment.*

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<sup>1</sup> Completed by the Connecticut State Data Center, An affiliate of CCEA, University of CT. US Census Bureau 2007 Population Estimates, July 10, 2008.

<sup>2</sup> ...

CT-Estimation of Death Charts for Local Planners

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Andover	3,181	3	954.3	19.1
Ansonia	18,550	2	5565.0	111.3
Ashford	4,453	4	1335.9	26.7
Avon	17,333	3	5199.9	104.0
Barkhamsted	3,665	5	1099.5	22.0
Beacon Falls	5,770	5	1731.0	34.6
Berlin	20,554	3	6166.2	123.3
Bethany	5,566	2	1669.8	33.4
Bethel	18,514	5	5554.2	111.1
Bethlehem	3,549	5	1064.7	21.3
Bloomfield	20,693	3	6207.9	124.2
Bolton	5,116	3	1534.8	30.7
Bozrah	2,444	4	733.2	14.7
Branford	28,984	2	8695.2	173.9
Bridgeport	136,695	1	41008.5	820.2
Bridgewater	1,884	5	565.2	11.3
Bristol	60,911	3	18273.3	365.5
Brookfield	16,413	5	4923.9	98.5
Brooklyn	7,886	4	2365.8	47.3
Burlington	9,143	3	2742.9	54.9
Canaan	1,094	5	328.2	6.6
Canterbury	5,100	4	1530.0	30.6
Canton	10,086	3	3025.8	60.5
Chaplin	2,528	4	758.4	15.2
Cheshire	28,833	2	8649.9	173.0
Chester	3,834	2	1150.2	23.0
Clinton	13,578	2	4073.4	81.5
Colchester	15,495	4	4648.5	93.0
Colebrook	1,529	5	458.7	9.2
Columbia	5,331	4	1599.3	32.0
Cornwall	1,480	5	444.0	8.9
Coventry	12,192	4	3657.6	73.2
Cromwell	13,552	3	4065.6	81.3
Danbury	79,226	5	23767.8	475.4
Darien	20,246	1	6073.8	121.5
Deep River	4,673	2	1401.9	28.0
Derby	12,434	2	3730.2	74.6
Durham	7,397	2	2219.1	44.4
East Granby	5,566	3	1669.8	33.4
East Haddam	8,852	3	2655.6	53.1
East Hampton	12,548	3	3764.4	75.3
East Hartford	48,697	3	14609.1	292.2

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census Figures from UConn

CT-Estimation of Death Charts for Local Planners

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
East Haven	28,632	2	8589.6	171.8
East Lyme	18,690	4	5607.0	112.1
East Windsor	10,617	3	3185.1	63.7
Eastford	1,789	4	536.7	10.7
Easton	7,366	1	2209.8	44.2
Ellington	14,426	3	4327.8	86.6
Enfield	45,011	3	13503.3	270.1
Essex	6,753	2	2025.9	40.5
Fairfield	57,548	1	17264.4	345.3
Farmington	25,084	3	7525.2	150.5
Franklin	1,891	4	567.3	11.3
Glastonbury	33,169	3	9950.7	199.0
Goshen	3,168	5	950.4	19.0
Granby	11,215	3	3364.5	67.3
Greenwich	61,871	1	18561.3	371.2
Griswold	11,390	4	3417.0	68.3
Groton	42,324	4	12697.2	253.9
Guilford	22,373	2	6711.9	134.2
Haddam	7,800	2	2340.0	46.8
Hamden	57,698	2	17309.4	346.2
Hampton	2,118	4	635.4	12.7
Hartford	124,563	3	37368.9	747.4
Hartland	2,077	5	623.1	12.5
Harwinton	5,564	5	1669.2	33.4
Hebron	9,232	3	2769.6	55.4
Kent	2,952	5	885.6	17.7
Killingly	17,710	4	5313.0	106.3
Killingworth	6,443	2	1932.9	38.7
Lebanon	7,354	4	2206.2	44.1
Ledyard	15,097	4	4529.1	90.6
Lisbon	4,205	4	1261.5	25.2
Litchfield	8,671	5	2601.3	52.0
Lyme	2,076	4	622.8	12.5
Madison	18,793	2	5637.9	112.8
Manchester	55,857	3	16757.1	335.1
Mansfield	24,884	4	7465.2	149.3
Marlborough	6,351	3	1905.3	38.1
Meriden	59,225	2	17767.5	355.4
Middlebury	7,252	5	2175.6	43.5
Middlefield	4,248	2	1274.4	25.5
Middletown	47,778	3	14333.4	286.7
Milford	55,445	2	16633.5	332.7

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census Figures from UConn

CT-Estimation of Death Charts for Local Planners

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Monroe	19,402	1	5820.6	116.4
Montville	19,744	4	5923.2	118.5
Morris	2,345	5	703.5	14.1
Naugatuck	31,931	5	9579.3	191.6
New Britain	70,664	3	21199.2	424.0
New Canaan	19,890	1	5967.0	119.3
New Fairfield	14,100	5	4230.0	84.6
New Hartford	6,736	5	2020.8	40.4
New Haven	123,932	2	37179.6	743.6
New London	25,923	4	7776.9	155.5
New Milford	28,439	5	8531.7	170.6
Newington	29,619	3	8885.7	177.7
Newtown	26,790	5	8037.0	160.7
Norfolk	1,652	5	495.6	9.9
North Branford	14,406	2	4321.8	86.4
North Canaan	3,352	5	1005.6	20.1
North Haven	24,002	2	7200.6	144.0
North Stonington	5,212	4	1563.6	31.3
Norwalk	83,456	1	25036.8	500.7
Norwich	36,432	4	10929.6	218.6
Old Lyme	7,384	4	2215.2	44.3
Old Saybrook	10,539	2	3161.7	63.2
Orange	13,813	2	4143.9	82.9
Oxford	12,527	5	3758.1	75.2
Plainfield	15,450	4	4635.0	92.7
Plainville	17,193	3	5157.9	103.2
Plymouth	12,011	5	3603.3	72.1
Pomfret	4,165	4	1249.5	25.0
Portland	9,537	3	2861.1	57.2
Preston	4,902	4	1470.6	29.4
Prospect	9,273	5	2781.9	55.6
Putnam	9,292	4	2787.6	55.8
Redding	8,840	5	2652.0	53.0
Ridgefield	23,872	5	7161.6	143.2
Rocky Hill	18,808	3	5642.4	112.8
Roxbury	2,319	5	695.7	13.9
Salem	4,102	4	1230.6	24.6
Salisbury	3,987	5	1196.1	23.9
Scotland	1,725	4	517.5	10.4
Seymour	16,240	2	4872.0	97.4
Sharon	3,022	5	906.6	18.1
Shelton	40,011	2	12003.3	240.1

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census Figures from UConn

CT-Estimation of Death Charts for Local Planners

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Sherman	4,110	5	1233.0	24.7
Simsbury	23,659	3	7097.7	142.0
Somers	10,850	3	3255.0	65.1
South Windsor	25,940	3	7782.0	155.6
Southbury	19,678	5	5903.4	118.1
Southington	42,142	3	12642.6	252.9
Sprague	2,981	4	894.3	17.9
Stafford	11,786	3	3535.8	70.7
Stamford	118,475	1	35542.5	710.9
Sterling	3,725	4	1117.5	22.4
Stonington	18,343	4	5502.9	110.1
Stratford	49,015	1	14704.5	294.1
Suffield	15,104	3	4531.2	90.6
Thomaston	7,818	5	2345.4	46.9
Thompson	9,231	4	2769.3	55.4
Tolland	14,631	3	4389.3	87.8
Torrington	35,451	5	10635.3	212.7
Trumbull	34,752	1	10425.6	208.5
Union	751	4	225.3	4.5
Vernon	29,620	3	8886.0	177.7
Voluntown	2,612	4	783.6	15.7
Wallingford	44,679	2	13403.7	268.1
Warren	1,384	5	415.2	8.3
Washington	3,671	5	1101.3	22.0
Waterbury	107,174	5	32152.2	643.0
Waterford	18,775	4	5632.5	112.7
Watertown	22,128	5	6638.4	132.8
West Hartford	60,486	3	18145.8	362.9
West Haven	52,676	2	15802.8	316.1
Westbrook	6,618	2	1985.4	39.7
Weston	10,200	1	3060.0	61.2
Westport	26,508	1	7952.4	159.0
Wethersfield	25,781	3	7734.3	154.7
Willington	6,139	4	1841.7	36.8
Wilton	17,715	1	5314.5	106.3
Winchester	10,748	5	3224.4	64.5
Windham	23,678	4	7103.4	142.1
Windsor	28,754	3	8626.2	172.5
Windsor Locks	12,491	3	3747.3	74.9
Wolcott	16,407	5	4922.1	98.4
Woodbridge	9,201	2	2760.3	55.2
Woodbury	9,654	5	2896.2	57.9

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census Figures from UConn

CT-Estimation of Death Charts for Local Planners

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Woodstock	8,188	4	2456.4	49.1
<b>Town Totals</b>	<b>3,503,053.0</b>		<b>1,050,915.9</b>	<b>21,018.3</b>

\*Attack Rate 30%; Mortality Rate 2%

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census Figures from UConn

CT-Estimation of Death Charts for Local Planners  
DEMHS Reg. 1

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates	Mortality Estimates
Bridgeport	136,695	1	41008.5	820.2
Darien	20,246	1	6073.8	121.5
Easton	7,366	1	2209.8	44.2
Fairfield	57,548	1	17264.4	345.3
Greenwich	61,871	1	18561.3	371.2
Monroe	19,402	1	5820.6	116.4
New Canaan	19,890	1	5967.0	119.3
Norwalk	83,456	1	25036.8	500.7
Stamford	118,475	1	35542.5	710.9
Stratford	49,015	1	14704.5	294.1
Trumbull	34,752	1	10425.6	208.5
Weston	10,200	1	3060.0	61.2
Westport	26,508	1	7952.4	159.0
Wilton	17,715	1	5314.5	106.3
<b>DEMHS Region 1 Totals</b>	<b>663,139.0</b>		<b>198,941.7</b>	<b>3,978.8</b>

\*Attack Rate is 30%; Mortality rate is 2%

\*\*2007 Census Figures from UConn

CT-Estimation of Death Charts for Local Planners  
DEMHS Reg. 2

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Ansonia	18,550	2	5565.0	111.3
Bethany	5,566	2	1669.8	33.4
Branford	28,984	2	8695.2	173.9
Cheshire	28,833	2	8649.9	173.0
Chester	3,834	2	1150.2	23.0
Clinton	13,578	2	4073.4	81.5
Deep River	4,673	2	1401.9	28.0
Derby	12,434	2	3730.2	74.6
Durham	7,397	2	2219.1	44.4
East Haven	28,632	2	8589.6	171.8
Essex	6,753	2	2025.9	40.5
Guilford	22,373	2	6711.9	134.2
Haddam	7,800	2	2340.0	46.8
Hamden	57,698	2	17309.4	346.2
Killingworth	6,443	2	1932.9	38.7
Madison	18,793	2	5637.9	112.8
Meriden	59,225	2	17767.5	355.4
Middlefield	4,248	2	1274.4	25.5
Milford	55,445	2	16633.5	332.7
New Haven	123,932	2	37179.6	743.6
North Branford	14,406	2	4321.8	86.4
North Haven	24,002	2	7200.6	144.0
Old Saybrook	10,539	2	3161.7	63.2
Orange	13,813	2	4143.9	82.9
Seymour	16,240	2	4872.0	97.4
Shelton	40,011	2	12003.3	240.1
Wallingford	44,679	2	13403.7	268.1
West Haven	52,676	2	15802.8	316.1
Westbrook	6,618	2	1985.4	39.7
Woodbridge	9,201	2	2760.3	55.2
<b>DEMHS Region 2 Totals</b>	<b>747,376.0</b>		<b>224,212.8</b>	<b>4,484.3</b>

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census Figures from UConn



CT-Estimation of Death Charts for Local Planners  
DEMHS Reg 3

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Andover	3,181	3	954.3	19.1
Avon	17,333	3	5199.9	104.0
Berlin	20,554	3	6166.2	123.3
Bloomfield	20,693	3	6207.9	124.2
Bolton	5,116	3	1534.8	30.7
Bristol	60,911	3	18273.3	365.5
Burlington	9,143	3	2742.9	54.9
Canton	10,086	3	3025.8	60.5
Cromwell	13,552	3	4065.6	81.3
East Granby	5,566	3	1669.8	33.4
East Haddam	8,852	3	2655.6	53.1
East Hampton	12,548	3	3764.4	75.3
East Hartford	48,697	3	14609.1	292.2
East Windsor	10,617	3	3185.1	63.7
Ellington	14,426	3	4327.8	86.6
Enfield	45,011	3	13503.3	270.1
Farmington	25,084	3	7525.2	150.5
Glastonbury	33,169	3	9950.7	199.0
Granby	11,215	3	3364.5	67.3
Hartford	124,563	3	37368.9	747.4
Hebron	9,232	3	2769.6	55.4
Manchester	55,857	3	16757.1	335.1
Marlborough	6,351	3	1905.3	38.1
Middletown	47,778	3	14333.4	286.7
New Britain	70,664	3	21199.2	424.0
Newington	29,619	3	8885.7	177.7
Plainville	17,193	3	5157.9	103.2
Portland	9,537	3	2861.1	57.2
Rocky Hill	18,808	3	5642.4	112.8
Simsbury	23,659	3	7097.7	142.0
Somers	10,850	3	3255.0	65.1
South Windsor	25,940	3	7782.0	155.6
Southington	42,142	3	12642.6	252.9
Stafford	11,786	3	3535.8	70.7
Suffield	15,104	3	4531.2	90.6
Tolland	14,631	3	4389.3	87.8
Vernon	29,620	3	8886.0	177.7
West Hartford	60,486	3	18145.8	362.9
Wethersfield	25,781	3	7734.3	154.7
Windsor	28,754	3	8626.2	172.5
Windsor Locks	12,491	3	3747.3	74.9
<b>DEMHS Region 3 Totals</b>	<b>1,066,600.0</b>		<b>319,980.0</b>	<b>6,399.6</b>

\*Attack Rate is 30%; Mortality rate is 2%

\*\*2007 Census figures from UConn

CT-Estimation of Death Charts for Local Planners  
DEMHS Reg. 4

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Ashford	4,453	4	1335.9	26.7
Bozrah	2,444	4	733.2	14.7
Brooklyn	7,886	4	2365.8	47.3
Canterbury	5,100	4	1530.0	30.6
Chaplin	2,528	4	758.4	15.2
Colchester	15,495	4	4648.5	93.0
Columbia	5,331	4	1599.3	32.0
Coventry	12,192	4	3657.6	73.2
East Lyme	18,690	4	5607.0	112.1
Eastford	1,789	4	536.7	10.7
Franklin	1,891	4	567.3	11.3
Griswold	11,390	4	3417.0	68.3
Groton	42,324	4	12697.2	253.9
Hampton	2,118	4	635.4	12.7
Killingly	17,710	4	5313.0	106.3
Lebanon	7,354	4	2206.2	44.1
Ledyard	15,097	4	4529.1	90.6
Lisbon	4,205	4	1261.5	25.2
Lyme	2,076	4	622.8	12.5
Mansfield	24,884	4	7465.2	149.3
Montville	19,744	4	5923.2	118.5
New London	25,923	4	7776.9	155.5
North Stonington	5,212	4	1563.6	31.3
Norwich	36,432	4	10929.6	218.6
Old Lyme	7,384	4	2215.2	44.3
Plainfield	15,450	4	4635.0	92.7
Pomfret	4,165	4	1249.5	25.0
Preston	4,902	4	1470.6	29.4
Putnam	9,292	4	2787.6	55.8
Salem	4,102	4	1230.6	24.6
Scotland	1,725	4	517.5	10.4
Sprague	2,981	4	894.3	17.9
Sterling	3,725	4	1117.5	22.4
Stonington	18,343	4	5502.9	110.1
Thompson	9,231	4	2769.3	55.4
Union	751	4	225.3	4.5
Voluntown	2,612	4	783.6	15.7
Waterford	18,775	4	5632.5	112.7
Willington	6,139	4	1841.7	36.8
Windham	23,678	4	7103.4	142.1
Woodstock	8,188	4	2456.4	49.1
<b>DEMHS Region 4 Totals</b>	<b>433,711.0</b>		<b>130,113.3</b>	<b>2,602.3</b>

\*Attack Rate is 30%; Mortality Rate is 2%

\*\*2007 Census figures from UConn

CT-Estimation of Death Charts for Local Planners  
DEMHS Reg. 5

Town	2007 Census Figures	DEMHS Planning Region	Attack Estimates*	Mortality Estimates*
Barkhamsted	3,665	5	1099.5	22.0
Beacon Falls	5,770	5	1731.0	34.6
Bethel	18,514	5	5554.2	111.1
Bethlehem	3,549	5	1064.7	21.3
Bridgewater	1,884	5	565.2	11.3
Brookfield	16,413	5	4923.9	98.5
Canaan	1,094	5	328.2	6.6
Colebrook	1,529	5	458.7	9.2
Cornwall	1,480	5	444.0	8.9
Danbury	79,226	5	23767.8	475.4
Goshen	3,168	5	950.4	19.0
Hartland	2,077	5	623.1	12.5
Harwinton	5,564	5	1669.2	33.4
Kent	2,952	5	885.6	17.7
Litchfield	8,671	5	2601.3	52.0
Middlebury	7,252	5	2175.6	43.5
Morris	2,345	5	703.5	14.1
Naugatuck	31,931	5	9579.3	191.6
New Fairfield	14,100	5	4230.0	84.6
New Hartford	6,736	5	2020.8	40.4
New Milford	28,439	5	8531.7	170.6
Newtown	26,790	5	8037.0	160.7
Norfolk	1,652	5	495.6	9.9
North Canaan	3,352	5	1005.6	20.1
Oxford	12,527	5	3758.1	75.2
Plymouth	12,011	5	3603.3	72.1
Prospect	9,273	5	2781.9	55.6
Redding	8,840	5	2652.0	53.0
Ridgefield	23,872	5	7161.6	143.2
Roxbury	2,319	5	695.7	13.9
Salisbury	3,987	5	1196.1	23.9
Sharon	3,022	5	906.6	18.1
Sherman	4,110	5	1233.0	24.7
Southbury	19,678	5	5903.4	118.1
Thomaston	7,818	5	2345.4	46.9
Torrington	35,451	5	10635.3	212.7
Warren	1,384	5	415.2	8.3
Washington	3,671	5	1101.3	22.0
Waterbury	107,174	5	32152.2	643.0
Watertown	22,128	5	6638.4	132.8
Winchester	10,748	5	3224.4	64.5
Wolcott	16,407	5	4922.1	98.4
Woodbury	9,654	5	2896.2	57.9
<b>DEMHS Region 5 Totals</b>	<b>592,227.0</b>		<b>177,668.1</b>	<b>3,553.4</b>

\*Attack Rate is 30%; Mortality rate is 2%

\*\*2007 Census Figures from UConn