

# COVID-19 Weekly Briefing Report

Enquiries to: [PHI@essex.gov.uk](mailto:PHI@essex.gov.uk)

Created: 12/01/2021

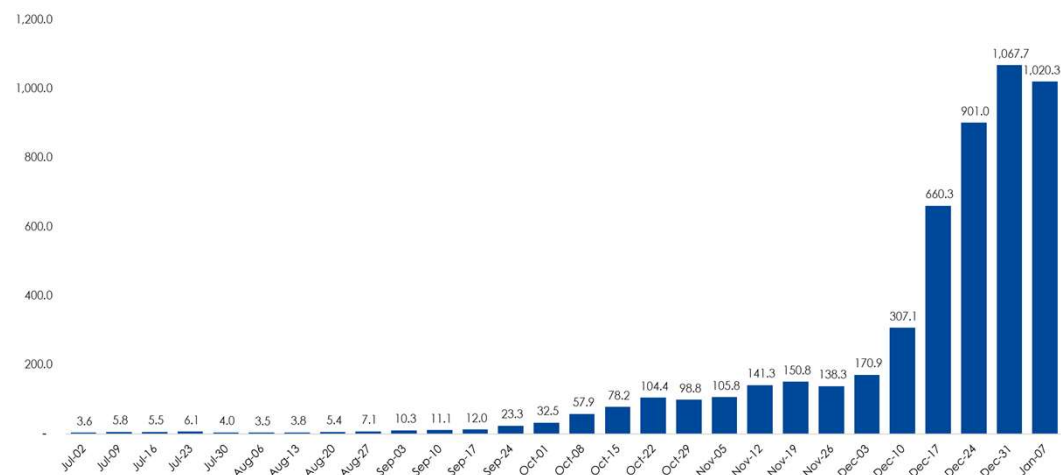
Based on validated data for the period 01/01/21 - 07/01/21  
(unless otherwise stated)

Public Health England report on weekly case rates. The weekly case rate is based on the number of cases recorded in the preceding seven days per 100,000 population.

This allows for comparison between areas, and it gives a clear indication of the trend in COVID-19 cases, removing day-to-day volatility in recorded case numbers.

**As at 07/01/21, the weekly case rate for Essex is 1,020.3. This is the latest date for which complete data is available.**

7-day rolling case rate per 100,000 Essex Residents



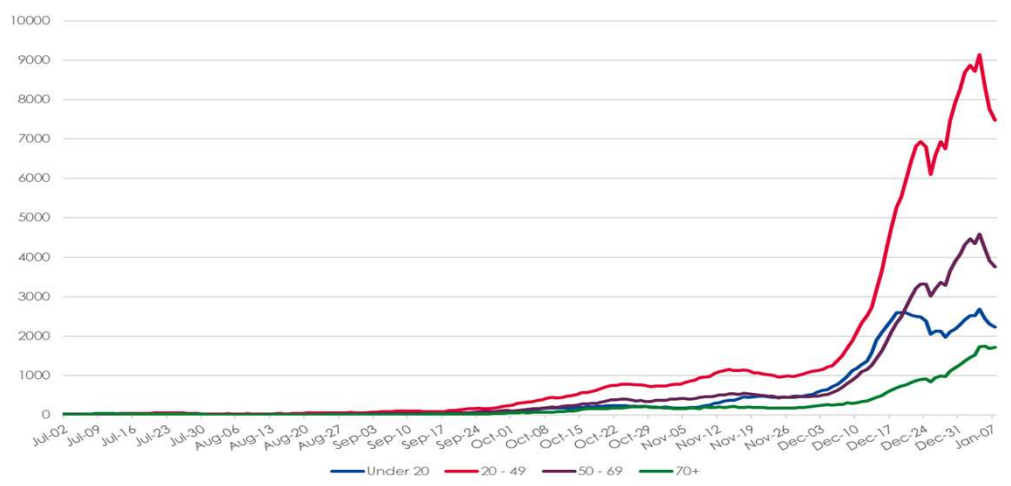
Source: PHE Test Data

The chart opposite provides a breakdown of new COVID-19 cases by age group up to 07/01/21. This is the latest date for which complete data are available. For each date, the chart shows the number of confirmed COVID-19 cases in the preceding seven days.

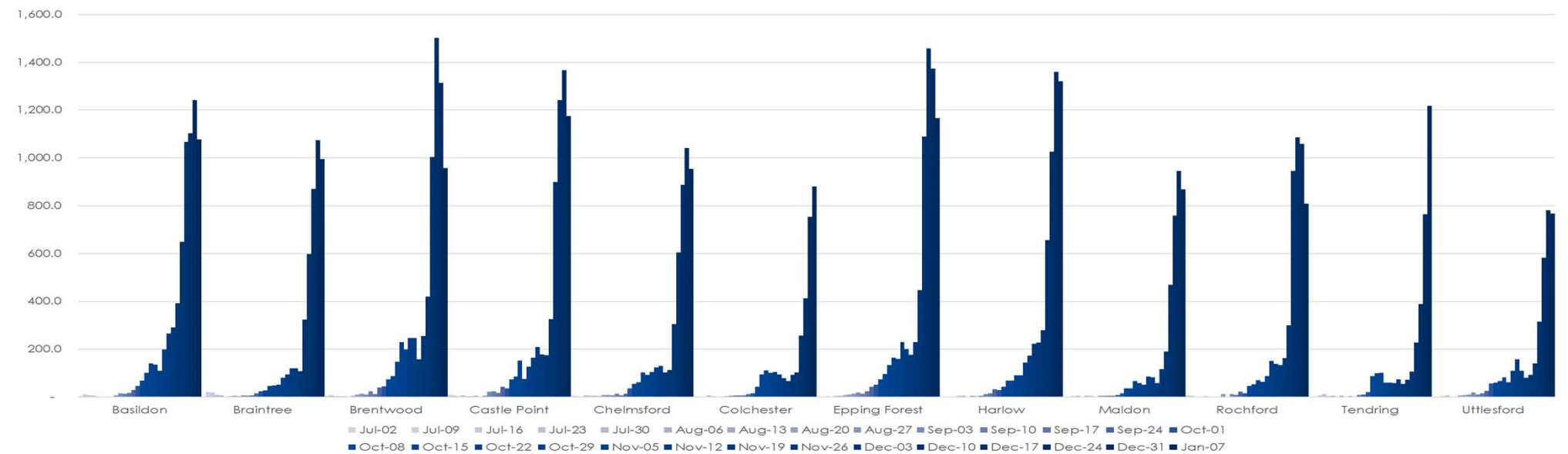
Public Health England report on weekly case rates. This is based on the number of cases recorded in the preceding seven days per 100,000 population. Case rates allow for comparison between areas, and give a clearer indication of the trend in COVID-19 cases, removing day-to-day volatility in daily case numbers.

The chart below shows weekly case rate by Essex District. As at 07/01/21, the highest weekly case rates were in Tendring and Harlow, with rates of 1,218.3 and 1,320.3, respectively. A table of weekly case rate figures is available on the following page.

7-day rolling number of cases by age band - Essex



Weekly cases per 100,000 residents



The table below shows the weekly case rate per 100,000 population by Essex District.

Week Ending	Rolling 7-day rate per 100,000												
	Basildon	Braintree	Brentwood	Castle Point	Chelmsford	Colchester	Epping Forest	Harlow	Maldon	Rochford	Tendring	Uffesford	Essex
03/09/2020	15.5	6.6	10.4	23.2	7.8	7.2	19.7	4.6	4.6	2.3	3.4	19.7	10.3
10/09/2020	13.9	4.6	23.4	24.3	14.0	6.7	13.7	12.6	6.2	12.6	1.4	9.9	11.1
17/09/2020	16.6	7.9	13.0	17.7	7.8	6.7	23.5	14.9	6.2	8.0	8.2	16.4	12.0
24/09/2020	29.9	15.7	39.0	43.1	13.5	12.8	43.3	32.1	9.2	21.7	10.9	25.2	23.3
01/10/2020	47.0	23.6	44.2	35.4	36.4	14.9	51.6	28.7	15.4	16.0	21.1	57.0	32.5
08/10/2020	68.9	27.5	74.0	74.1	54.9	43.7	74.4	43.6	37.0	45.8	88.0	60.2	57.9
15/10/2020	101.5	47.2	88.3	85.2	61.1	95.0	96.4	68.9	35.4	53.8	98.9	66.8	78.2
22/10/2020	140.5	48.5	148.1	152.7	103.1	110.9	134.4	68.9	67.8	69.8	101.0	83.2	104.4
29/10/2020	135.7	51.1	229.9	76.3	91.9	100.7	164.8	90.7	58.6	62.9	60.0	61.3	98.8
05/11/2020	110.6	81.3	198.7	126.1	104.3	104.3	160.2	90.7	52.4	88.1	60.0	109.5	105.8
12/11/2020	198.2	95.0	246.8	164.8	123.3	95.0	229.3	143.5	86.3	151.0	58.0	157.7	141.3
19/11/2020	266.0	119.9	246.8	209.1	130.6	79.1	201.2	173.4	83.2	139.6	73.0	109.5	150.8
26/11/2020	290.6	120.6	157.1	178.1	102.6	66.8	176.9	222.7	58.6	133.9	55.3	80.0	138.3
03/12/2020	393.2	108.1	254.5	174.8	112.7	93.0	229.3	227.3	117.1	162.5	71.6	93.1	170.9
10/12/2020	649.0	323.7	419.5	326.3	304.4	103.2	448.0	280.1	189.5	299.8	105.7	140.2	307.1
17/12/2020	1067.3	598.3	1003.9	899.3	604.3	256.3	1088.8	656.7	470.0	946.2	227.8	315.4	660.3
24/12/2020	1103.6	869.6	1502.6	1241.2	887.9	413.5	1457.9	1026.4	758.1	1085.8	389.5	581.6	901.0
31/12/2020	1240.9	1074.0	1314.3	1367.3	1040.9	753.5	1374.3	1360.5	946.1	1058.4	764.7	780.9	1067.7
07/01/2021	1076.9	994.8	957.1	1174.8	954.6	880.3	1167.0	1320.3	869.0	808.9	1218.3	767.8	1020.3

47,642 tests were carried out during the week commencing 01/01/21 across Essex. The positivity rate across Essex is 19.3% for this week.

Epping Forest and Harlow have seen the highest positivity rate in total this week, with positivity of 22.8% and 21.4%, respectively.

The chart below shows the 7-day rolling positivity rate across Essex, with the number of Essex Districts with a positivity rate greater than 7.5% weekly.

7 day rolling positivity rate (%) over the past week

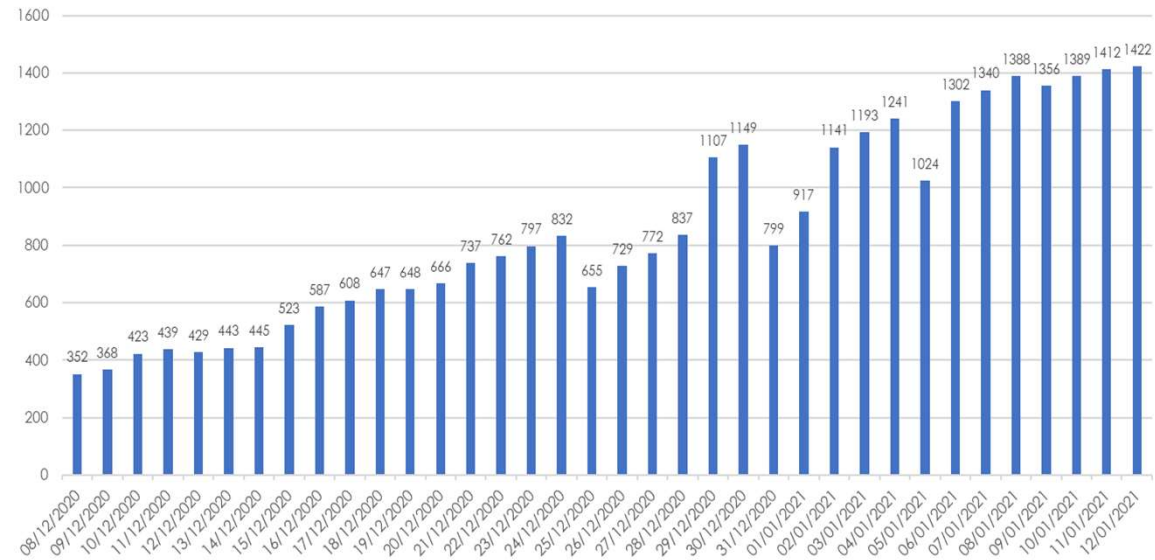
Area name	05 Jan 21	06 Jan 21	07 Jan 21	08 Jan 21	09 Jan 21	10 Jan 21	11 Jan 21	12 Jan 21	Percentage positive
Basildon	25.2	24.5	23.4	23.4	23.2	22.3	22.0	20.9	> 7.5%
Braintree	22.7	23.1	22.7	21.7	21.3	20.7	20.8	19.0	> 7.5%
Brentwood	23.6	23.7	22.0	21.0	20.5	18.5	17.8	17.4	> 7.5%
Castle Point	24.2	24.2	23.1	22.3	22.1	21.6	21.2	20.2	> 7.5%
Chelmsford	23.1	22.7	21.6	21.5	21.5	21.7	21.1	20.7	> 7.5%
Colchester	17.5	17.9	18.0	17.9	18.5	17.9	17.8	17.4	> 7.5%
Epping Forest	25.5	25.4	24.6	24.5	24.7	23.8	23.4	22.8	> 7.5%
Harlow	24.6	24.1	22.8	22.2	22.3	22.4	22.2	21.4	> 7.5%
Maldon	20.3	20.4	19.8	19.5	20.3	19.5	18.9	17.5	> 7.5%
Rochford	20.2	19.6	18.2	17.3	17.2	16.8	17.3	16.8	> 7.5%
Tendring	16.0	16.4	16.9	17.4	19.1	19.4	19.7	19.1	> 7.5%
Uttlesford	18.4	18.5	18.1	17.3	17.3	16.2	16.3	15.5	> 7.5%

Note: Dates above refer to the date of PHE SAR reports published. Figures reflect the date range within these PHE SAR reports. For example, the 05/01/21 column reflects data for 25/12/20 – 31/11/20.

As at 12/01/21, there were 1,422 beds occupied by confirmed COVID-19 patients in Essex hospital trusts. This equates to 40% of trust capacity and is 39% higher compared to bed occupancy one week previous (05/01/21).

A further 58 beds were occupied by patients with suspected COVID-19 (2% trust capacity).

Daily number of beds occupied with confirmed COVID-19 patients over the past 5 weeks



The ONS publish weekly death numbers split by local authority and place of death, including hospitals, homes and care homes.

**The latest data (up to 03/01/21) records a total of 2,067 COVID-19 related deaths across Essex.** The chart opposite shows the number of deaths by district area.

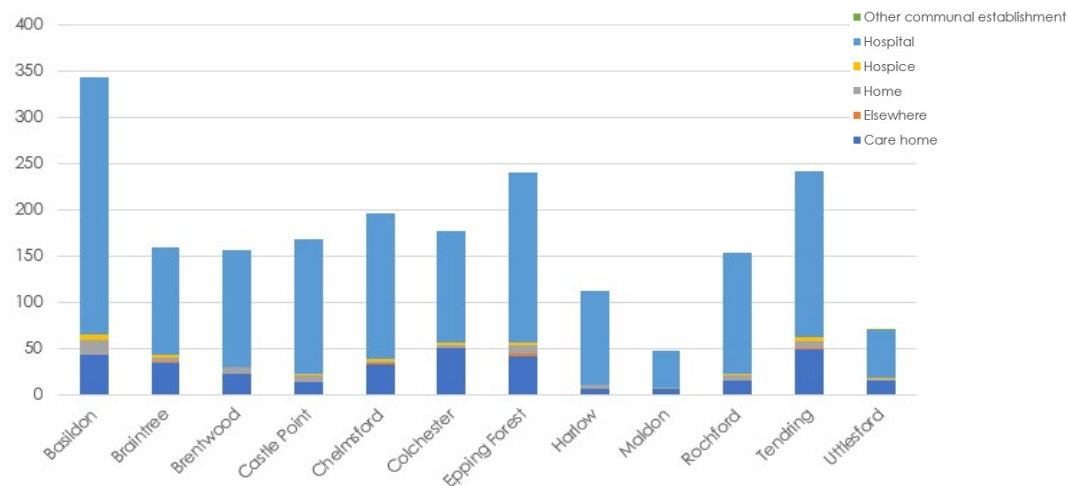
The vast majority of deaths have occurred in hospitals (see over leaf for further analysis). However, 333 COVID-19 deaths have occurred in care homes across Essex overall, with the most occurring in the Basildon district (43 deaths), Tendring district (49 deaths) and Colchester district (51 deaths).

The table opposite shows the number of COVID-19 related and all-cause deaths, by setting and district, in the week ending 3<sup>rd</sup> January.

There were 344 deaths from all causes in Essex in the week to 3<sup>rd</sup> January. **89 deaths were COVID-related (76 of these were deaths in hospital and 13 were deaths in care home settings).**

**!** There is a 11-day lag between death registration and inclusion in the data published. Data presented here covers occurrences up until 03/01/2021.

Total number of deaths by setting and local authority, up to 3<sup>rd</sup> January 2021



Number of deaths by setting and local authority, week 53 (week ending 03/01/21)

District	Care Home		Elsewhere		Home		Hospice		Hospital		Other Communal Establishment		Grand Total	
	All Causes	COVID-19	All Causes	COVID-19	All Causes	COVID-19	All Causes	COVID-19	All Causes	COVID-19	All Causes	COVID-19	All Causes	COVID-19
Basildon	3	2	0	0	6	0	1	0	32	14	0	0	42	16
Braintree	12	3	4	0	2	0	2	0	16	6	2	0	38	9
Brentwood	1	0	0	0	1	0	1	0	16	6	0	0	19	6
Castle Point	6	0	0	0	6	0	0	0	16	7	0	0	28	7
Chelmsford	5	1	1	0	7	0	0	0	30	7	0	0	43	8
Colchester	10	4	0	0	6	0	1	0	15	3	0	0	32	7
Epping Forest	11	1	0	0	3	0	2	0	18	6	0	0	34	7
Harlow	2	0	0	0	4	0	1	0	13	6	0	0	20	6
Maldon	0	0	1	0	2	0	0	0	12	2	0	0	15	2
Rochford	6	2	0	0	4	0	1	0	19	12	0	0	30	14
Tendring	8	0	1	0	8	0	2	0	16	6	0	0	35	6
Uttlesford	0	0	0	0	3	0	0	0	5	1	0	0	8	1
<b>Grand Total</b>	<b>64</b>	<b>13</b>	<b>7</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>208</b>	<b>76</b>	<b>2</b>	<b>0</b>	<b>344</b>	<b>89</b>

Source: ONS Death registrations and occurrences by local authority and health board

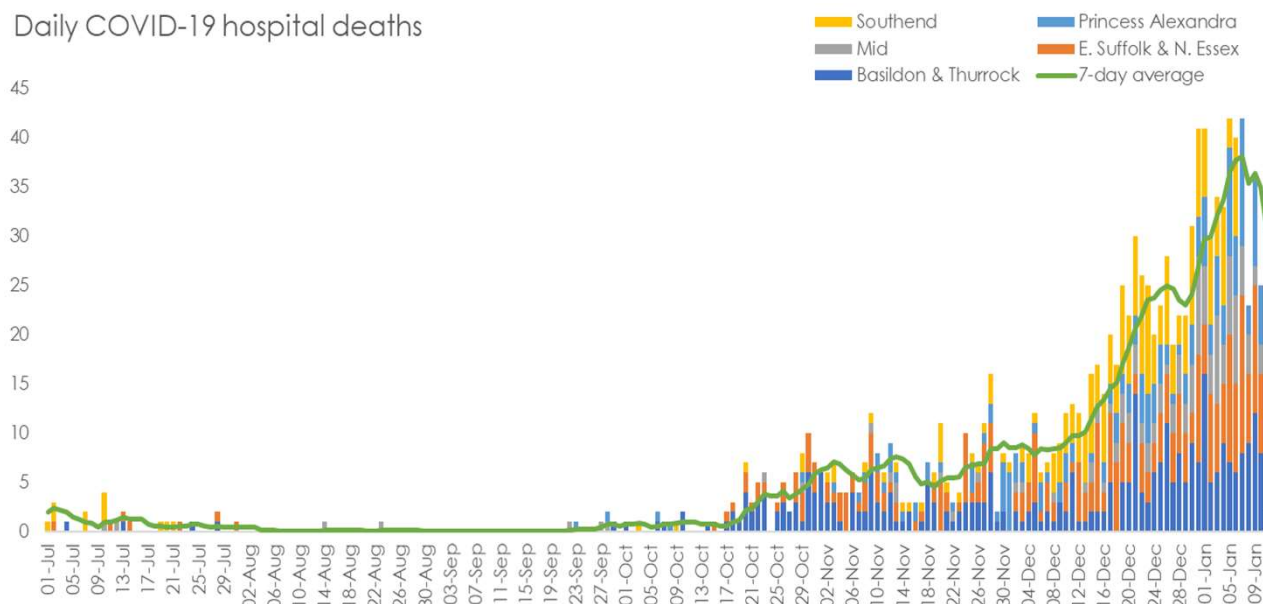
There have been a total of 2,511 COVID-19 deaths as of 12/01/21 within Essex hospitals, of which an estimated **1,517** are among Essex Residents:

- East Suffolk & North East Essex NHS Trust: 661 in trust **(c.331 Essex residents)**
- Essex Partnership University Trust: 29 in trust **(c.29 Essex residents)**
- Mid and South Essex NHS Trust: 322 in trust **(c.322 Essex residents)**
- The Princess Alexandra Hospital Trust: 375 in trust **(c.240 Essex residents)**
- Basildon And Thurrock University Hospitals NHS Foundation Trust: 640 in trust **(c.358 Essex residents)**
- Southend University Hospital NHS Foundation Trust: 484 in trust **(c.237 Essex residents)**

There were an estimated 214 COVID-19 related deaths in Essex-based hospitals this week (W.C 5<sup>th</sup> Jan), of which an estimated **135** were Essex Residents :

- East Suffolk & North East Essex NHS Trust: 66 in trust **(33 Essex residents)**
- Essex Partnership University Trust: 4 in trust **(4)**
- Mid and South Essex NHS Trust: 32 in trust **(32)**
- The Princess Alexandra Hospital Trust: 48 in trust **(31)**
- Basildon And Thurrock University Hospitals NHS Foundation Trust: 51 in trust **(29)**
- Southend University Hospital NHS Foundation Trust: 13 in trust **(6)**

Daily COVID-19 hospital deaths



Source: NHSE Daily Death Summary

! Figures likely to change due to lag between date of death and death being registered. Data points from 07/01/21 are unvalidated and subject to change.

Deaths of Essex residents only have been estimated through applying the Essex population proportions of hospital catchment areas to deaths occurring within the above 6 Essex NHS Trusts. These figures are in **(bold)**.