

Local & National Epidemiology Update

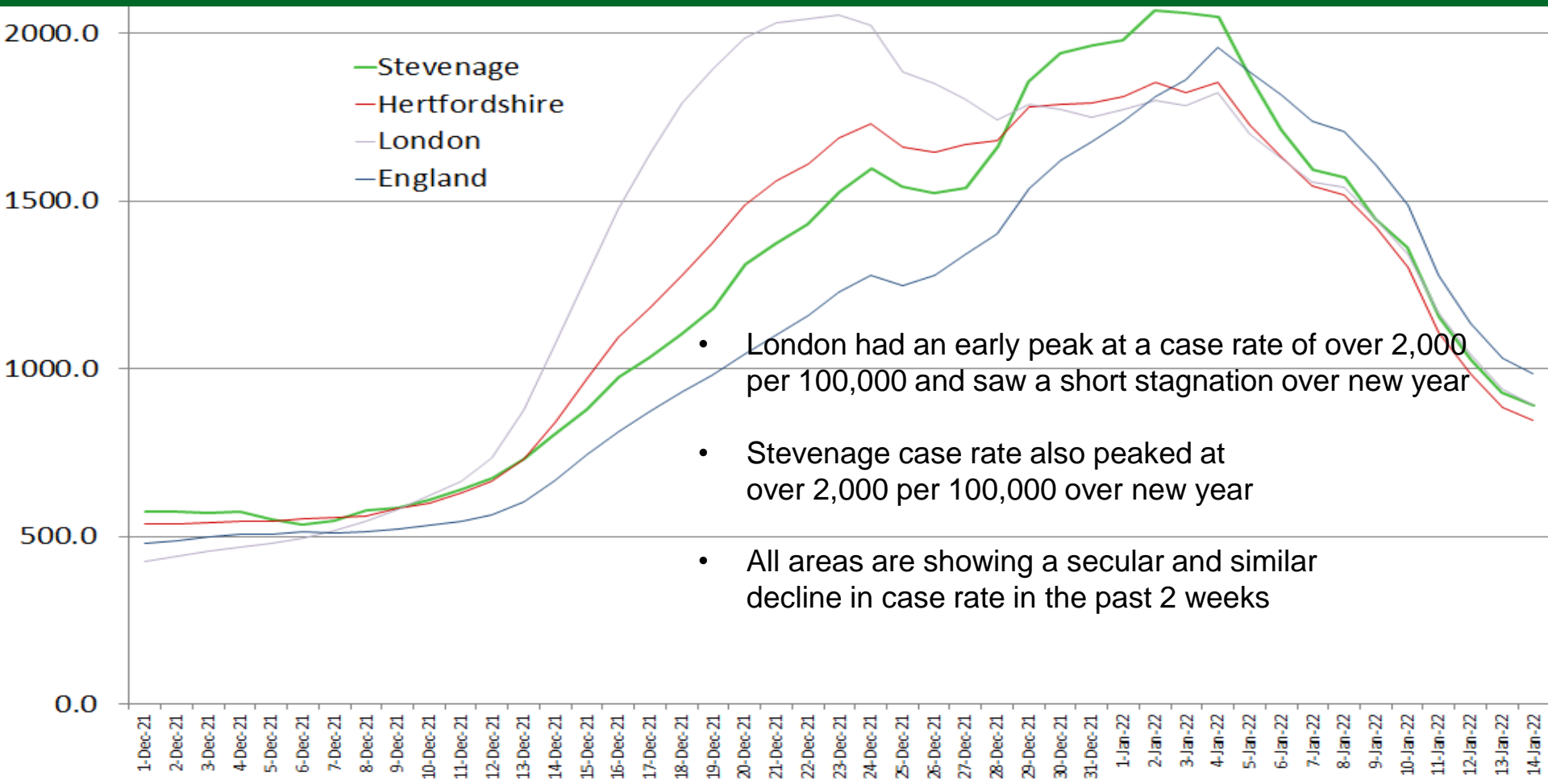
Exec 19 Jan 2022

Data update to 18 Jan 2022

Local & National Epidemiology

Weekly case rate per 100,000 population * provisional	Watford	Hertsmere	Three River	Stevenage	Dacorum	Welwyn Hatfield	St Albans	Broxbourne	East Hertfordshire	North Hertfordshire	Hertfordshire	London	Essex	Luton	Bedford	Central Bedfordshire	England
weekly change # cases	-691	-652	-665	-617	-1,034	-773	-904	-870	-1,209	-906	-8,321	-59,563	-11,228	-1,316	-936	-1,752	-424,031
*08/01 - 14/01	1,149.3	1,053.2	892.6	891.3	856.8	810.3	805.6	745.3	723.2	687.3	847.1	891.3	765.9	1,172.0	1,174.3	946.1	983.7
01/01 - 07/01	1,864.8	1,674.6	1,605.2	1,593.7	1,524.9	1,438.5	1,414.6	1,639.6	1,530.6	1,365.6	1,546.6	1,555.9	1,519.9	1,789.7	1,714.4	1,553.1	1,737.0
25/12 - 31/12	1,972.5	1,930.1	1,639.5	1,966.0	1,844.8	1,591.3	1,537.2	2,098.1	1,976.7	1,523.5	1,792.2	1,751.6	1,883.0	1,567.7	1,723.7	1,726.3	1,677.4
18/12 - 24/12	1,642.2	1,774.7	1,652.3	1,598.3	1,734.9	1,638.5	1,878.7	1,876.0	1,920.6	1,513.1	1,732.3	2,023.7	1,625.4	1,160.3	1,263.8	1,372.6	1,278.3
11/12 - 17/12	1,085.1	1,134.2	1,218.3	1,033.6	1,117.2	1,147.6	1,432.1	1,126.7	1,251.4	1,166.4	1,183.5	1,642.1	1,103.8	805.9	848.3	1,018.5	874.3
04/12 - 10/12	558.1	507.1	663.3	610.2	573.1	616.9	693.2	516.0	577.6	651.3	600.1	621.8	632.0	494.7	595.5	752.8	532.1
27/11 - 03/12	473.2	477.5	548.6	570.3	537.0	536.4	584.0	380.3	582.3	647.6	541.1	456.7	632.6	489.1	542.4	743.1	497.9
20/11 - 26/11	451.5	449.9	511.1	595.4	426.5	534.0	509.9	405.0	611.7	681.3	521.4	364.5	524.4	443.1	454.7	570.6	444.8
13/11 - 19/11	479.4	383.2	483.3	494.1	474.9	565.7	483.7	362.9	615.7	661.8	509.3	316.7	476.1	436.5	479.0	505.1	428.3
06/11 - 12/11	393.5	342.2	429.7	425.7	473.0	420.2	489.7	415.3	466.8	512.8	443.7	273.1	417.4	432.8	425.9	525.9	380.6
30/10 - 05/11	414.2	337.4	453.3	349.5	425.2	323.5	531.5	321.8	342.6	390.1	393.1	242.5	369.5	408.4	432.2	537.3	359.1

- After a huge spike in cases throughout December, there has been a significant reduction in the most recent week in all areas, though case rates are still very high within the community.



- London had an early peak at a case rate of over 2,000 per 100,000 and saw a short stagnation over new year
- Stevenage case rate also peaked at over 2,000 per 100,000 over new year
- All areas are showing a secular and similar decline in case rate in the past 2 weeks

Case rate by Stevenage Ward/MSOAs

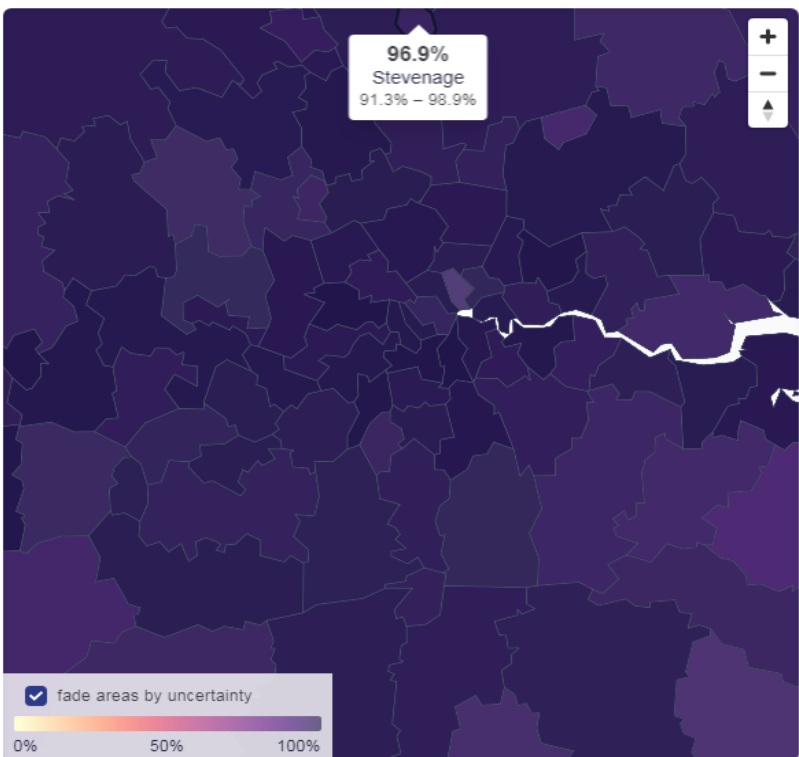
	Shephall	Roebuck	St Nicholas	Bedwell	Woodfield + Old Town	Chells	Manor	Symonds Green	Bandley Hill	Martins Wood	Longmeadow	Pin Green + Old Town	Stevenage
6 week 02/11- 12/01 Average rate & Cases	1,405.9 89.7	1,345.8 93.2	1,345.6 102.8	1,343.0 106.8	1,338.7 164.5	1,281.3 87.3	1,266.2 77.8	1,253.1 75.5	1,221.7 81.5	1,222.4 77.5	1,174.0 68.8	1,159.5 102.0	1,283.5 1,127.5
06/01 - 12/01	1,160.2	1,227.8	1,256.2	1,081.1	1,074.2	983.0	797.1	946.1	824.5	1,009.5	818.7	1,000.3	1,025.7
30/12 - 05/01	1,630.6	1,820.0	2,224.5	1,998.7	1,806.6	1,775.2	1,740.7	2,207.5	1,544.0	1,971.6	1,705.6	1,875.6	1,861.2
23/12 - 29/12	1,787.4	2,224.5	1,858.2	1,948.5	2,018.2	1,819.2	1,822.0	1,775.9	1,903.8	1,608.8	1,620.3	1,523.2	1,837.3
16/12 - 22/12	1,520.9	1,776.7	1,439.4	1,483.3	1,692.7	1,540.5	1,626.8	1,444.0	1,559.0	1,466.9	1,347.4	1,273.2	1,520.9
09/12 - 15/12	1,270.0	650.0	798.2	829.7	870.8	983.0	1,106.2	630.7	1,004.3	851.7	938.1	727.5	880.0
02/12 - 08/12	1,066.2	375.6	497.3	716.5	569.7	586.9	504.3	514.5	494.7	425.9	614.0	557.0	576.0
25/11 - 01/12	658.5	592.2	850.6	502.8	667.3	410.8	520.6	514.5	614.6	520.5	631.1	318.3	569.2

Map

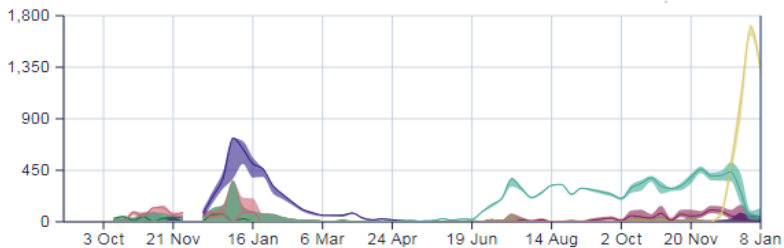
Lineage: Omicron (B.1.1.529) ▾

Colour by: Proportion ▾

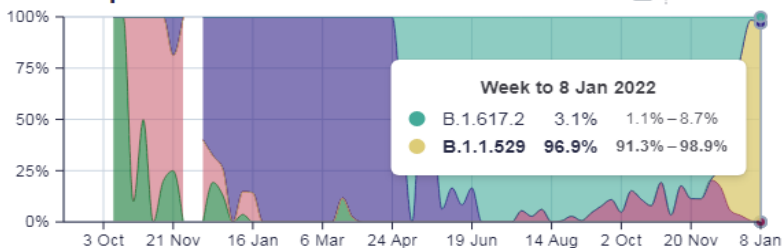
Colour Scale: Linear ▾



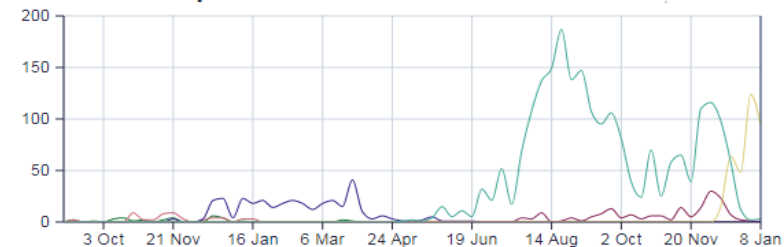
Estimated Cases



Proportion



Genomes per week

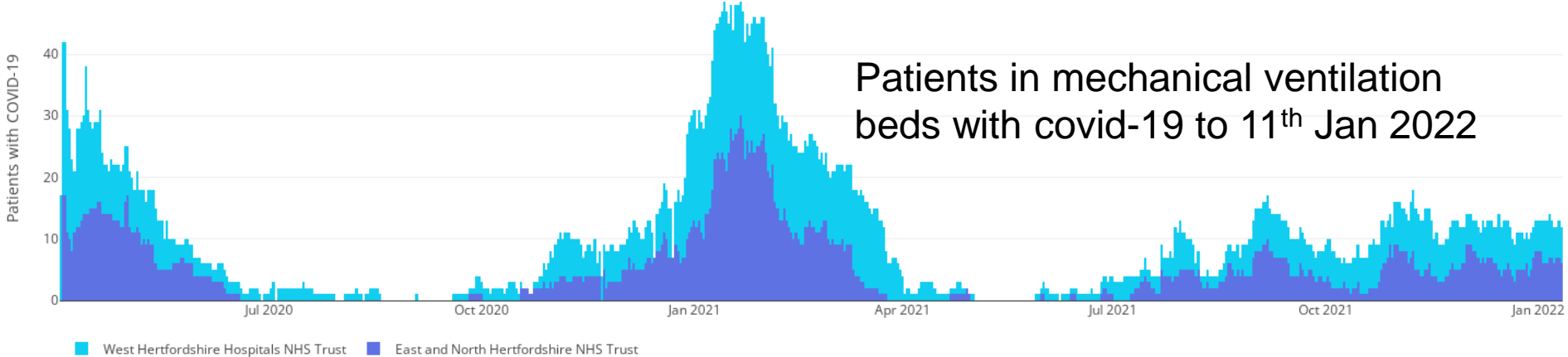
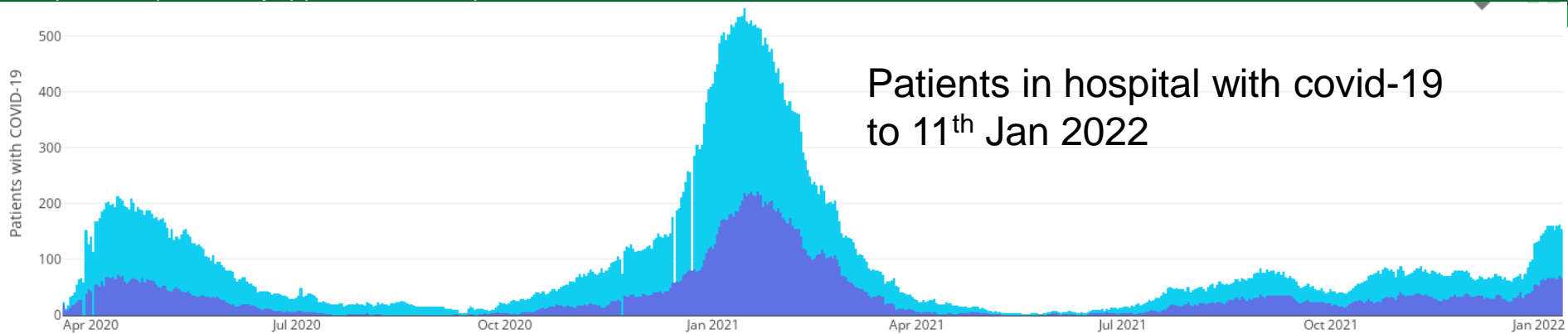


In the week to 8 Jan 2022, 96.9% of identified confirmed cases in Stevenage were estimated to be the Omicron variant (B.1.1.529), up from 73.3% the week to 25th Dec, 50% the week to 18 Dec and 11% the week to the 11 Dec

The Omicron variant account for over 90% of new confirmed cases in all local authorities.

Hospitalisations in Hertfordshire

https://hcc-phei.shinyapps.io/covid19_public_dashboard/ w d380822b/ w 466608d5/ w 11581243/ w 81382a01/



- Patients with covid-19 in hospital in Hertfordshire has increased since 30 Dec
- Overall covid-19 patients on mechanical ventilation has not yet increased

Covid-19 related deaths in Hertfordshire

<https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/datasets/deathregistrationsandoccurrencesbylocalauthorityandhealthboard>

Week	Hertsmere	Watford	Three Rivers	Broxbourne	St Albans	Dacorum	North Hertfordshire	Welwyn Hatfield	Stevenage	East Hertfordshire	Total
First wave to 30/10/20	193	136	95	84	147	137	100	114	61	103	1,170
2nd wave 31/10/20-17/07/21	151	127	164	151	215	232	219	161	107	161	1,688
18/07 - 24/07	1	1	0	0	1	1	0	0	0	0	4
25/07 - 31/07	2	0	0	1	0	2	1	1	0	2	9
01/07 - 06/07	0	0	0	1	0	2	1	2	0	3	9
07/08 - 13/08	1	2	0	1	1	1	2	2	2	1	13
14/08 - 20/08	0	1	0	3	2	1	0	0	1	0	8
21/08 - 27/08	1	1	0	1	2	1	1	3	1	1	12
28/08 - 03/09	2	0	0	0	0	0	3	1	1	1	8
04/08 - 10/09	1	1	4	0	3	0	1	1	1	2	14
11/09 - 17/09	0	1	0	0	1	1	3	2	1	3	12
18/09 - 24/09	1	3	0	2	1	3	0	0	0	2	12
25/09 - 01/10	1	1	0	0	0	2	1	0	2	1	8
02/10 - 08/10	0	0	0	1	0	2	0	0	0	1	4
09/10 - 15/10	2	1	0	1	0	0	0	2	0	3	9
16/10 - 22/10	0	0	0	2	2	2	0	1	1	1	9
23/10 - 29/10	2	0	1	1	1	4	1	1	0	3	14
30/10 - 05/11	4	1	0	0	1	2	0	0	0	0	8
06/11 - 12/11	0	0	1	2	2	1	1	3	0	3	13
13/11 - 19/11	0	1	0	4	2	1	2	1	2	2	15
20/11 - 26/11	1	1	2	0	1	2	3	0	2	0	12
27/11 - 03/12	0	1	3	1	3	1	1	1	1	2	14
04/12 - 10/12	0	0	1	0	1	3	2	3	3	1	14
11/12 - 17/12	0	0	0	2	2	0	1	0	1	3	9
18/12 - 25/12	1	3	1	3	2	3	0	1	2	2	18
25/12 - 31/12	2	1	2	0	0	1	0	2	0	1	9
01/01 - 07/01/2022	3	4	0	1	2	3	4	1	2	3	23
Third wave total	26	24	15	27	30	39	28	28	23	42	282
Rate per 100,000	352.7	297.2	293.6	269.3	264.1	263.6	259.8	246.3	217.4	204.3	264.0
Total	370	287	274	262	392	408	347	303	191	306	3,140

With the Omnicron wave at the end of Dec 21, in the most recent reported week there was a increase in Covid-19 related deaths in all settings across Hertfordshire with 23

To date there have been a total of 191 covid-19 related deaths of Stevenage residents: with 83 in 2020, 106 in 2021(of which 53 occurring in Jan) &two deaths in 2022

Booster Jabs in Stevenage to 9th January 2022

www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations

Percentage of 18+ to have take up their booster vaccine in Stevenage by 9th Jan 2022

% Vaccinated	Manor	Longmeadow	Bandley Hill	Woodfield & Old Town	Symonds Green	Chells	Roebuck	Martins Wood	Pin Green & Old Town	Shephall	St Nicholas	Bedwell	Stevenage
Booster& 3rd dose	69.1%	64.0%	64.0%	64.5%	62.3%	61.0%	59.3%	59.5%	59.2%	58.0%	56.0%	50.1%	60.5%
Difference	8.6%	3.5%	3.5%	4.0%	1.8%	0.5%	-1.2%	-1.0%	-1.2%	-2.5%	-4.5%	-10.4%	0.0%
Average 2019 IMD	8.5	5.5	5.8	5.8	5.0	6.0	4.5	4.8	4.4	4.3	4.8	3.3	5.2

% of UK age cohort who have had a booster or 3rd dose by IMD decile (least deprived to most deprived)										
IMD decile	10	9	8	7	6	5	4	3	2	1
18+	78.7%	75.2%	72.8%	70.4%	67.2%	63.5%	58.9%	54.0%	50.9%	46.9%
50+	92.6%	91.1%	90.2%	89.1%	87.7%	85.6%	83.1%	79.4%	76.6%	73.9%

- Over 45,000 Stevenage residents have received a dose of their booster vaccine as of the 9th Jan 2022, up from 28,000 on 16th Dec 2021.
- We see booster vaccine take up across the town following the same pattern as 1st& 2nd doses, with Bedwell ward being a clear outlier
- The NHS also publishes the vaccine take up by IMD decile, provided for comparison