

**Subject:** New population figures incorporated into COVID-19 vaccine coverage estimates  
**Date:** 28 April 2022

New figures for Jersey's population size from the 2021 census were released in April 2022 ([CensusBulletin1.pdf](#)<sup>1</sup>). Previously, COVID-19 vaccine coverage in Jersey was estimated using population projection figures for 2019 supplied by Statistics Jersey. Now that more accurate figures are available from the 2021 census, we have incorporated these into the coverage estimate. At this time, the opportunity has also been taken to ensure coverage remains as accurate as possible for our current population by only including those still alive in the coverage estimates. This improvement brings us more in line with the methods for estimating vaccine coverage by the NHS England<sup>2</sup>, for example. For assurance, the cumulative total doses administered will not be affected by changes to population estimates or those deceased.

### What does this mean?

New population estimates mean that vaccine coverage estimates have changed across different age groups. To demonstrate these changes, a summary is shown in Table 1 for first dose coverage as at 24<sup>th</sup> April 2022. For example, the 2021 census showed there were *fewer* 18 to 29 year olds on-Island than expected (13,535 compared to an expected 15,402) meaning vaccine coverage (first dose) has been re-evaluated upwards from 73% to 83% for this age group.

Table 1. Population cohorts from the 2019 population estimates and the new 2021 census figures, alongside first dose COVID-19 vaccine coverage estimates as at 24<sup>th</sup> April 2022

Age group	2019 Population Projection	Coverage using 2019 population figure	2021 Census Population	Coverage using 2021 Census figure*	Percentage point change
80+	5,049	~100%	5,319	~100%	No change
75-79	3,258	~100%	3,333	~100%	No change
70-74	4,723	99%	4,790	96%	-3%
65-69	5,428	98%	5,294	99%	+1%
60-64	6,503	~100%	6,707	~100%	No change
55-59	7,824	~100%	8,192	98%	-2%
50-54	8,491	92%	8,445	93%	+1%
40-49	15,380	88%	15,124	90%	+2%
30-39	15,080	78%	13,934	85%	+7%
18-29	15,402	73%	13,535	83%	+10%
16-17	2,309	65%	2,118	72%	+7%
12-15	4,678	53%	4,240	58%	+5%
5-11	8,185	2%	7,574	2%	No change
0-4	5,486	N/A	4,662	N/A	N/A
<b>Total</b>	<b>107,796</b>	<b>77%</b>	<b>103,267</b>	<b>79%</b>	<b>+2%</b>

\*also includes removal of deceased from coverage estimates, to bring Jersey in line with methods for vaccine coverage by NHS England. Note that matching may not be perfect to death datasets, and there can be delays in registration of deaths. A small number of Islanders who were vaccinated in Jersey but may have since left the island are included in these figures, as this information is not held in their vaccine record.

<sup>1</sup> <https://www.gov.je/News/2022/Pages/FirstCensusResultsPublished.aspx>

<sup>2</sup> <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/>