



Public Health  
England

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## **National Childhood Influenza Vaccination Programme 2017 to 2018**

Seasonal influenza vaccine uptake for children of primary school age

Provisional monthly data for 1 September 2017 to 31 December 2017

By NHS England Local Team, 'Old Area Team' and Local Authority

This collection has received approval from the Data Coordination Board for the 2017 to 2018 season (DCB2195)

Summary

Provisional end of December 2017 cumulative influenza vaccine uptake children of school years reception, 1, 2, 3 and 4 age, shows the proportion of children in England who received the 2017/18 influenza vaccine via school, pharmacy or GP practice from 1 September 2017 to 31 December 2017 in targeted groups was as follows:

- 61.8 % in children school year reception age (4-5 yrs)
- 60.0 % in children school year 1 age (5-6 yrs)
- 59.5 % in children school year 2 age (6-7 yrs)
- 56.7 % in children school year 3 age (7-8 yrs)
- 54.8 % in children school year 4 age (8-9 yrs)

Table 1. Provisional end of December 2017 cumulative influenza vaccine uptake of children school years reception 1, 2, 3 and 4 age by NHS England Local Team from 1 September 2017 to 31 December 2017

| Area Team  | Response Rate        |                                      |                               | Reception (age 4-5)  |  |                  | Year 1 (age 5-6 yrs)   |  |                  | Year 2 (age 6-7 yrs)   |  |                  | Year 3 (age 7-8 yrs)   |  |                  | Year 4 (age 8-9 yrs)   |  |                  |
|--|----------------------|--------------------------------------|-------------------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|
|  | No. of Organisations | No. of Organisations making a return | % of organisations responding | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake |
| NHS England North (Cheshire and Merseyside)      | 9                    | 9                                    | 100.0                         | 28,106   | 18,747   | 66.7             | 29,648   | 19,025   | 64.2             | 29,299   | 18,872   | 64.4             | 29,054   | 17,894   | 61.6             | 28,617   | 17,399   | 60.8             |
| NHS England North (Cumbria and North East)       | 13                   | 10                                   | 76.9                          | 27,225   | 17,147   | 63.0             | 27,731   | 16,936   | 61.1             | 27,677   | 17,107   | 61.8             | 27,755   | 16,764   | 60.4             | 27,134   | 15,842   | 58.4             |
| NHS England North (Greater Manchester)           | 10                   | 10                                   | 100.0                         | 37,080   | 23,195   | 62.6             | 37,951   | 23,189   | 61.1             | 37,980   | 23,051   | 60.7             | 37,800   | 21,549   | 57.0             | 37,682   | 21,029   | 55.8             |
| NHS England North (Lancashire)                   | 3                    | 3                                    | 100.0                         | 17,421   | 10,782   | 61.9             | 17,997   | 10,550   | 58.6             | 18,424   | 10,514   | 57.1             | 17,961   | 9,918  | 55.2             | 17,970   | 9,568  | 53.2             |
| NHS England North (Yorkshire and Humber)         | 16                   | 16                                   | 100.0                         | 66,193   | 40,923   | 61.8             | 69,031   | 42,092   | 61.0             | 68,936   | 41,879   | 60.8             | 68,823   | 40,257   | 58.5             | 67,680   | 38,633   | 57.1             |
| NHS England Midlands and East (West Midlands)    | 10                   | 10                                   | 100.0                         | 53,792   | 31,821   | 59.2             | 55,022   | 31,441   | 57.1             | 54,742   | 31,322   | 57.2             | 54,602   | 29,425   | 53.9             | 53,927   | 28,434   | 52.7             |
| NHS England Midlands and East (Central Midlands) | 10                   | 10                                   | 100.0                         | 55,745   | 33,675   | 60.4             | 59,897   | 35,015   | 58.5             | 61,458   | 35,403   | 57.6             | 60,255   | 32,987   | 54.7             | 59,390   | 31,569   | 53.2             |
| NHS England Midlands and East (East)             | 7                    | 7                                    | 100.0                         | 50,294   | 32,999   | 65.6             | 52,562   | 33,169   | 63.1             | 52,455   | 32,915   | 62.7             | 52,498   | 31,330   | 59.7             | 51,086   | 29,547   | 57.8             |
| NHS England Midlands and East (North Midlands)   | 8                    | 8                                    | 100.0                         | 42,411   | 26,778   | 63.1             | 43,275   | 26,609   | 61.5             | 43,840   | 26,872   | 61.3             | 42,539   | 25,261   | 59.4             | 42,837   | 24,364   | 56.9             |
| NHS England London                               | 33                   | 31                                   | 93.9                          | 98,057   | 50,986   | 52.0             | 100,742  | 50,436   | 50.1             | 100,217  | 49,176   | 49.1             | 98,932   | 45,665   | 46.2             | 96,981   | 43,203   | 44.5             |
| NHS England South (South Central)                | 12                   | 12                                   | 100.0                         | 43,333   | 29,513   | 68.1             | 45,620   | 29,853   | 65.4             | 46,035   | 29,959   | 65.1             | 45,540   | 28,192   | 61.9             | 44,137   | 26,552   | 60.2             |
| NHS England South (South East)                   | 6                    | 6                                    | 100.0                         | 55,008   | 32,915   | 59.8             | 58,899   | 36,415   | 61.8             | 58,419   | 35,742   | 61.2             | 57,886   | 33,755   | 58.3             | 57,508   | 32,419   | 56.4             |
| NHS England South (South West)                   | 9                    | 9                                    | 100.0                         | 36,068   | 23,795   | 66.0             | 36,844   | 22,771   | 61.8             | 37,199   | 21,935   | 59.0             | 36,424   | 20,429   | 56.1             | 39,219   | 20,228   | 51.6             |
| NHS England South (Wessex)                       | 7                    | 7                                    | 100.0                         | 30,075   | 22,495   | 74.8             | 31,563   | 22,567   | 71.5             | 31,680   | 22,782   | 71.9             | 31,176   | 21,175   | 67.9             | 30,591   | 20,139   | 65.8             |
| TOTAL  | 153                  | 148                                  | 96.7                          | 640,808  | 395,771  | 61.8             | 666,782  | 400,068  | 60.0             | 668,361  | 397,529  | 59.5             | 661,245  | 374,601  | 56.7             | 654,759  | 358,926  | 54.8             |

FOOTNOTES

This collection has received approval from the Data Coordination Board for the 2017 to 2018 season (DCB2195).

1. Data is provisional and represents 97% of all Local Authorities (LAs) in England responding to the December 2017 survey. Where a total for England is quoted (e.g. sum of number of patients registered and number vaccinated) this is taken from the 97% of all LAs and is therefore NOT an extrapolated figure for all of England.
2. Denominators are the provisional number of eligible children in schools in the LA geography AND children educated out of school in the LA geography, defined by child age on 1 September 2017. Where denominators have not been amended by data providers, provisional Local Education Authority (LEA) population figures from the Edubase January 2017 Census were used (for School delivery). Denominators also include independent schools and special schools.
3. GP delivery was commissioned in Isles of Scilly Local Authority. Therefore figures have been extracted from GP systems and are based on the number of patients registered with a GP practice located within the LA geographical boundary as defined by child age on 1 September 2017 (GP delivery).
4. Coverage data reflects, to the best of providers' ability, all eligible children of school years reception, 1, 2, 3 and 4 age that have been vaccinated in school, including children who may have been vaccinated by GPs or pharmacies. It should however be noted that figures may still be incomplete due to the nature and variety of the systems used to obtain this information, which varies from provider to provider.
5. Percent vaccine uptake of number of children vaccinated with influenza vaccine includes both LAIV (Live Attenuated Influenza Vaccine) and IIV (Inactivated Influenza Vaccine).
6. The number of organisations corresponds to the number of LAs or lower tier LAs in the area.

Data Source: Local NHS England teams and their providers submitted aggregate LA level vaccination data manually to PHE via the ImmForm website  
Influenza Immunisation Vaccine Uptake Monitoring Programme  
Public Health England (PHE)

**Table 2.** Provisional end of December 2017 cumulative influenza vaccine uptake of children school years reception 1, 2, 3 and 4 age by Old Area Team from 1 September 2017 to 31 December 2017

| Area Team   | Response Rate        |                                     |                               | Reception (age 4-5)  |  |                  | Year 1 (age 5-6 yrs)   |  |                  | Year 2 (age 6-7 yrs)   |  |                  | Year 3 (age 7-8 yrs)   |  |                  | Year 4 (age 8-9 yrs)   |  |                  |
|---|----------------------|-------------------------------------|-------------------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|
|   | No. of Organisations | No. of Organisation making a return | % of organisations responding | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination <sup>1</sup> | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake |
| Arden, Herefordshire And Worcestershire                     | 4                    | 4                                   | 100.0                         | 19,052   | 13269  | 69.6             | 19,238   | 13,081   | 68.0             | 19,062   | 13,057   | 68.5             | 19,756   | 12,610   | 63.8             | 19,357   | 12,096   | 62.5             |
| Bath, Gloucestershire, Swindon And Wiltshire                | 4                    | 4                                   | 100.0                         | 17,600   | 11,895   | 67.6             | 17,814   | 12,090   | 67.9             | 17,853   | 11,879   | 66.5             | 17,738   | 11,314   | 63.8             | 17,015   | 10,644   | 62.6             |
| Birmingham And The Black Country                            | 6                    | 6                                   | 100.0                         | 34,740   | 18,552   | 53.4             | 35,784   | 18,360   | 51.3             | 35,680   | 18,265   | 51.2             | 34,846   | 16,815   | 48.3             | 34,570   | 16,338   | 47.3             |
| Bristol, North Somerset, Somerset And South Gloucestershire | 4                    | 4                                   | 100.0                         | 17,599   | 11,039   | 62.7             | 17,769   | 10,599   | 59.6             | 17,863   | 10,173   | 57.0             | 17,666   | 9,619  | 54.4             | 18,670   | 9,513  | 51.0             |
| Cheshire, Warrington And Wirral                             | 4                    | 4                                   | 100.0                         | 14,259   | 10,434   | 73.2             | 15,172   | 10,661   | 70.3             | 15,161   | 10,730   | 70.8             | 15,033   | 10,177   | 67.7             | 14,758   | 9,723  | 65.9             |
| Cumbria, Northumberland, Tyne And Wear                      | 7                    | 4                                   | 57.1                          | 13,069   | 8,528  | 65.3             | 13,390   | 8,539  | 63.8             | 13,483   | 8,495  | 63.0             | 13,378   | 8,299  | 62.0             | 13,422   | 8,051  | 60.0             |
| Derbyshire And Nottinghamshire                              | 4                    | 4                                   | 100.0                         | 23,941   | 16,518   | 69.0             | 24,808   | 16,606   | 66.9             | 25,046   | 16,609   | 66.3             | 24,064   | 15,476   | 64.3             | 24,357   | 14,920   | 61.3             |
| Devon, Cornwall And Isles Of Scilly                         | 5                    | 5                                   | 100.0                         | 18,469   | 12,756   | 69.1             | 19,075   | 12,172   | 63.8             | 19,336   | 11,762   | 60.8             | 18,758   | 10,810   | 57.6             | 20,549   | 10,715   | 52.1             |
| Durham, Darlington And Tees                                 | 6                    | 6                                   | 100.0                         | 14,156   | 8,619  | 60.9             | 14,341   | 8,397  | 58.6             | 14,194   | 8,612  | 60.7             | 14,377   | 8,465  | 58.9             | 13,712   | 7,791  | 56.8             |
| East Anglia   | 4                    | 4                                   | 100.0                         | 27,993   | 18,233   | 65.1             | 29,791   | 18,289   | 61.4             | 29,747   | 18,381   | 61.8             | 29,897   | 17,035   | 57.0             | 28,818   | 16,122   | 55.9             |
| Essex   | 3                    | 3                                   | 100.0                         | 22,301   | 14,766   | 66.2             | 22,771   | 14,880   | 65.3             | 22,708   | 14,534   | 64.0             | 22,601   | 14,295   | 63.2             | 22,268   | 13,425   | 60.3             |
| Greater Manchester  | 10                   | 10                                  | 100.0                         | 37,080   | 23,195   | 62.6             | 37,951   | 23,189   | 61.1             | 37,980   | 23,051   | 60.7             | 37,800   | 21,549   | 57.0             | 37,682   | 21,029   | 55.8             |
| Hertfordshire And The South Midlands                        | 6                    | 6                                   | 100.0                         | 35,917   | 21,910   | 61.0             | 38,503   | 22,070   | 57.3             | 39,550   | 22,462   | 56.8             | 38,924   | 20,978   | 53.9             | 38,435   | 20,062   | 52.2             |
| Kent And Medway   | 2                    | 2                                   | 100.0                         | 21,822   | 10,629   | 48.7             | 24,155   | 14,031   | 58.1             | 23,543   | 13,462   | 57.2             | 23,591   | 12,803   | 54.3             | 23,540   | 12,540   | 53.3             |
| Lancashire  | 3                    | 3                                   | 100.0                         | 17,421   | 10,782   | 61.9             | 17,997   | 10,550   | 58.6             | 18,424   | 10,514   | 57.1             | 17,961   | 9,918  | 55.2             | 17,970   | 9,568  | 53.2             |
| Leicestershire And Lincolnshire                             | 4                    | 4                                   | 100.0                         | 19,828   | 11,765   | 59.3             | 21,394   | 12,945   | 60.5             | 21,908   | 12,941   | 59.1             | 21,331   | 12,009   | 56.3             | 20,955   | 11,507   | 54.9             |
| London  | 33                   | 31                                  | 93.9                          | 98,057   | 50,986   | 52.0             | 100,742  | 50,436   | 50.1             | 100,217  | 49,176   | 49.1             | 98,932   | 45,665   | 46.2             | 96,981   | 43,203   | 44.5             |
| Merseyside  | 5                    | 5                                   | 100.0                         | 13,847   | 8,313  | 60.0             | 14,476   | 8,364  | 57.8             | 14,138   | 8,142  | 57.6             | 14,021   | 7,717  | 55.0             | 13,859   | 7,676  | 55.4             |
| North Yorkshire And Humber                                  | 6                    | 6                                   | 100.0                         | 18,814   | 12,177   | 64.7             | 19,492   | 12,435   | 63.8             | 19,233   | 12,411   | 64.5             | 19,129   | 11,786   | 61.6             | 18,949   | 11,524   | 60.8             |
| Shropshire And Staffordshire                                | 4                    | 4                                   | 100.0                         | 18,470   | 10,260   | 55.5             | 18,467   | 10,003   | 54.2             | 18,794   | 10,263   | 54.6             | 18,475   | 9,785  | 53.0             | 18,480   | 9,444  | 51.1             |
| South Yorkshire And Bassetlaw                               | 5                    | 5                                   | 100.0                         | 17,317   | 11,744   | 67.8             | 18,197   | 12,144   | 66.7             | 18,201   | 11,948   | 65.6             | 18,005   | 11,414   | 63.4             | 17,885   | 11,012   | 61.6             |
| Surrey And Sussex   | 4                    | 4                                   | 100.0                         | 33,186   | 22,286   | 67.2             | 34,744   | 22,384   | 64.4             | 34,876   | 22,280   | 63.9             | 34,295   | 20,952   | 61.1             | 33,968   | 19,879   | 58.5             |
| Thames Valley   | 8                    | 8                                   | 100.0                         | 25,733   | 17,618   | 68.5             | 27,806   | 17,763   | 63.9             | 28,182   | 18,080   | 64.2             | 27,802   | 16,878   | 60.7             | 27,122   | 15,908   | 58.7             |
| Wessex  | 7                    | 7                                   | 100.0                         | 30,075   | 22,495   | 74.8             | 31,563   | 22,567   | 71.5             | 31,680   | 22,782   | 71.9             | 31,176   | 21,175   | 67.9             | 30,591   | 20,139   | 65.8             |
| West Yorkshire  | 5                    | 5                                   | 100.0                         | 30,062   | 17,002   | 56.6             | 31,342   | 17,513   | 55.9             | 31,502   | 17,520   | 55.6             | 31,689   | 17,057   | 53.8             | 30,846   | 16,097   | 52.2             |
| TOTAL   | 153                  | 148                                 | 96.7                          | 640,808  | 395,771  | 61.8             | 666,782  | 400,068  | 60.0             | 668,361  | 397,529  | 59.5             | 661,245  | 374,601  | 56.7             | 654,759  | 358,926  | 54.8             |

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**Table 3.** Provisional end of December 2017 cumulative influenza vaccine uptake of children school years reception 1, 2, 3 and 4 age by Local Authority from 1 September 2017 to 31 December 2017

| Area Team   | Local Authority                       | Response Rate        |                                     |                               | Reception (age 4-5)  |  |                  | Year 1 (age 5-6 yrs)   |  |                  | Year 2 (age 6-7 yrs)   |  |                  | Year 3 (age 7-8 yrs)   |  |                  | Year 4 (age 8-9 yrs)   |  |                  |
|---|---------------------------------------|----------------------|-------------------------------------|-------------------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|
|   |                                       | No. of Organisations | No. of Organisation making a return | % of organisations responding | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake |
| Arden, Herefordshire And Worcestershire                     | Coventry                              | 1                    | 1                                   | 100.0                         | 3,973  | 3,074  | 77.4             | 3,894  | 3,045  | 78.2             | 3,878  | 3,040  | 78.4             | 4,650  | 3,031  | 65.2             | 4,469  | 2,825  | 63.2             |
|   | Herefordshire, County Of              | 1                    | 1                                   | 100.0                         | 1,977  | 1,390  | 70.3             | 1,971  | 1,365  | 69.3             | 2,069  | 1,434  | 69.3             | 2,005  | 1,364  | 68.0             | 1,968  | 1,338  | 68.0             |
|   | Warwickshire                          | 1                    | 1                                   | 100.0                         | 6,609  | 4,741  | 71.7             | 6,682  | 4,576  | 68.5             | 6,818  | 4,642  | 68.1             | 6,629  | 4,437  | 66.9             | 6,583  | 4,347  | 66.0             |
|   | Worcestershire                        | 1                    | 1                                   | 100.0                         | 6,493  | 4,064  | 62.6             | 6,691  | 4,095  | 61.2             | 6,297  | 3,941  | 62.6             | 6,472  | 3,778  | 58.4             | 6,337  | 3,586  | 56.6             |
| Bath, Gloucestershire, Swindon And Wiltshire                | Bath And North East Somerset          | 1                    | 1                                   | 100.0                         | 1,938  | 1,481  | 76.4             | 2,016  | 1,450  | 71.9             | 1,956  | 1,411  | 72.1             | 1,971  | 1,421  | 72.1             | 1,959  | 1,334  | 68.1             |
|   | Gloucestershire                       | 1                    | 1                                   | 100.0                         | 6,980  | 4,268  | 61.1             | 6,980  | 4,273  | 61.2             | 6,940  | 4,112  | 59.3             | 6,936  | 3,969  | 57.2             | 6,710  | 3,747  | 55.8             |
|   | Swindon                               | 1                    | 1                                   | 100.0                         | 3,116  | 2,000  | 64.2             | 3,116  | 2,151  | 69.0             | 3,033  | 1,905  | 62.8             | 2,932  | 1,822  | 62.1             | 2,858  | 1,709  | 59.8             |
|   | Wiltshire                             | 1                    | 1                                   | 100.0                         | 5,566  | 4,146  | 74.5             | 5,702  | 4,216  | 73.9             | 5,924  | 4,451  | 75.1             | 5,899  | 4,102  | 69.5             | 5,488  | 3,854  | 70.2             |
| Birmingham And The Black Country                            | Birmingham                            | 1                    | 1                                   | 100.0                         | 16,398   | 7,526  | 45.9             | 16,566   | 7,443  | 44.9             | 16,508   | 7,449  | 45.1             | 16,220   | 6,854  | 42.3             | 16,182   | 6,653  | 41.1             |
|   | Dudley                                | 1                    | 1                                   | 100.0                         | 4,033  | 2,482  | 61.5             | 4,120  | 2,466  | 59.9             | 3,937  | 2,379  | 60.4             | 3,942  | 2,189  | 55.5             | 3,829  | 2,088  | 54.5             |
|   | Sandwell                              | 1                    | 1                                   | 100.0                         | 4,832  | 2,666  | 55.2             | 4,730  | 2,541  | 53.7             | 4,706  | 2,537  | 53.9             | 4,588  | 2,363  | 51.5             | 4,560  | 2,252  | 49.4             |
|   | Solihull                              | 1                    | 1                                   | 100.0                         | 2,537  | 1,893  | 74.6             | 2,963  | 1,907  | 64.4             | 2,968  | 1,933  | 65.1             | 2,797  | 1,747  | 62.5             | 2,780  | 1,684  | 60.6             |
|   | Walsall                               | 1                    | 1                                   | 100.0                         | 3,579  | 1,994  | 55.7             | 3,784  | 1,970  | 52.1             | 3,781  | 1,943  | 51.4             | 3,726  | 1,783  | 47.9             | 3,743  | 1,861  | 49.7             |
|   | Wolverhampton                         | 1                    | 1                                   | 100.0                         | 3,361  | 1,991  | 59.2             | 3,621  | 2,033  | 56.1             | 3,780  | 2,024  | 53.5             | 3,573  | 1,879  | 52.6             | 3,476  | 1,800  | 51.8             |
| Bristol, North Somerset, Somerset And South Gloucestershire | North Somerset                        | 1                    | 1                                   | 100.0                         | 2,472  | 1,777  | 71.9             | 2,515  | 1,805  | 71.8             | 2,603  | 1,828  | 70.2             | 2,535  | 1,756  | 69.3             | 2,480  | 1,647  | 66.4             |
|   | Somerset                              | 1                    | 1                                   | 100.0                         | 5,990  | 3,697  | 61.7             | 6,018  | 3,662  | 60.9             | 6,119  | 3,601  | 58.8             | 6,255  | 3,489  | 55.8             | 6,107  | 3,448  | 56.5             |
|   | Bristol, City Of                      | 1                    | 1                                   | 100.0                         | 5,545  | 3,195  | 57.6             | 5,617  | 2,919  | 52.0             | 5,547  | 2,678  | 48.3             | 5,403  | 2,465  | 45.6             | 6,314  | 2,497  | 39.5             |
|   | South Gloucestershire                 | 1                    | 1                                   | 100.0                         | 3,592  | 2,370  | 66.0             | 3,619  | 2,213  | 61.1             | 3,594  | 2,066  | 57.5             | 3,473  | 1,909  | 55.0             | 3,769  | 1,921  | 51.0             |
| Cheshire, Warrington And Wirral                             | Cheshire East                         | 1                    | 1                                   | 100.0                         | 4,061  | 3,016  | 74.3             | 4,419  | 3,157  | 71.4             | 4,439  | 3,171  | 71.4             | 4,397  | 3,043  | 69.2             | 4,309  | 2,931  | 68.0             |
|   | Cheshire West And Chester             | 1                    | 1                                   | 100.0                         | 3,972  | 2,963  | 74.6             | 4,139  | 2,866  | 69.2             | 4,172  | 2,970  | 71.2             | 4,141  | 2,819  | 68.1             | 4,036  | 2,676  | 66.3             |
|   | Warrington                            | 1                    | 1                                   | 100.0                         | 2,501  | 1,757  | 70.3             | 2,609  | 1,759  | 67.4             | 2,651  | 1,748  | 65.9             | 2,650  | 1,670  | 63.0             | 2,572  | 1,596  | 62.1             |
|   | Wirral                                | 1                    | 1                                   | 100.0                         | 3,725  | 2,698  | 72.4             | 4,005  | 2,879  | 71.9             | 3,899  | 2,841  | 72.9             | 3,845  | 2,645  | 68.8             | 3,841  | 2,520  | 65.6             |
| Cumbria, Northumberland, Tyne And Wear                      | Cumbria                               | 1                    | 1                                   | 100.0                         | 5,066  | 3,567  | 70.4             | 5,066  | 3,416  | 67.4             | 5,188  | 3,447  | 66.4             | 5,184  | 3,355  | 64.7             | 5,262  | 3,296  | 62.6             |
|   | Gateshead                             | 1                    | 0                                   | 0.0                           | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                |
|   | Newcastle Upon Tyne                   | 1                    | 1                                   | 100.0                         | 2,962  | 1,773  | 59.9             | 2,946  | 1,675  | 56.9             | 3,137  | 1,843  | 58.8             | 3,032  | 1,738  | 57.3             | 2,994  | 1,649  | 55.1             |
|   | North Tyneside                        | 1                    | 0                                   | 0.0                           | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                |
|   | Northumberland                        | 1                    | 1                                   | 100.0                         | 3,288  | 2,145  | 65.2             | 3,547  | 2,379  | 67.1             | 3,426  | 2,242  | 65.4             | 3,372  | 2,215  | 65.7             | 3,380  | 2,114  | 62.5             |
|   | South Tyneside                        | 1                    | 1                                   | 100.0                         | 1,753  | 1,043  | 59.5             | 1,831  | 1,069  | 58.4             | 1,732  | 963  | 55.6             | 1,790  | 991  | 55.4             | 1,786  | 992  | 55.5             |
|   | Sunderland                            | 1                    | 0                                   | 0.0                           | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                |
| Derbyshire And Nottinghamshire                              | Derby                                 | 1                    | 1                                   | 100.0                         | 3,321  | 1,746  | 52.6             | 3,538  | 1,749  | 49.4             | 3,450  | 1,659  | 48.1             | 3,459  | 1,551  | 44.8             | 3,521  | 1,540  | 43.7             |
|   | Derbyshire                            | 1                    | 1                                   | 100.0                         | 8,579  | 6,396  | 74.6             | 8,897  | 6,535  | 73.5             | 9,061  | 6,597  | 72.8             | 8,910  | 6,196  | 69.5             | 8,814  | 5,885  | 66.8             |
|   | Nottingham                            | 1                    | 1                                   | 100.0                         | 3,842  | 2,122  | 55.2             | 3,942  | 2,032  | 51.5             | 4,061  | 2,105  | 51.8             | 3,896  | 1,868  | 47.9             | 3,938  | 1,855  | 47.1             |
|   | Nottinghamshire                       | 1                    | 1                                   | 100.0                         | 8,199  | 6,254  | 76.3             | 8,431  | 6,290  | 74.6             | 8,474  | 6,248  | 73.7             | 7,799  | 5,861  | 75.2             | 8,084  | 5,640  | 69.8             |
| Devon, Cornwall And Isles Of Scilly                         | Kernow (Cornwall and Isles of Scilly) | 2                    | 2                                   | 100.0                         | 5,831  | 4,059  | 69.6             | 6,001  | 3,912  | 65.2             | 6,170  | 3,897  | 63.2             | 5,840  | 3,574  | 61.2             | 5,880  | 3,439  | 58.5             |
|   | Devon                                 | 1                    | 1                                   | 100.0                         | 8,116  | 5,749  | 70.8             | 8,377  | 5,303  | 63.3             | 8,499  | 4,909  | 57.8             | 8,340  | 4,522  | 54.2             | 9,520  | 4,570  | 48.0             |
|   | Plymouth                              | 1                    | 1                                   | 100.0                         | 3,094  | 1,973  | 63.8             | 3,219  | 1,961  | 60.9             | 3,202  | 1,991  | 62.2             | 3,123  | 1,813  | 58.1             | 3,714  | 1,889  | 50.9             |
|   | Torbay                                | 1                    | 1                                   | 100.0                         | 1,428  | 975  | 68.3             | 1,478  | 996  | 67.4             | 1,465  | 965  | 65.9             | 1,455  | 901  | 61.9             | 1,435  | 817  | 56.9             |
| Durham, Darlington And Tees                                 | County Durham                         | 1                    | 1                                   | 100.0                         | 5,562  | 3,756  | 67.5             | 5,660  | 3,605  | 63.7             | 5,435  | 3,685  | 67.8             | 5,799  | 3,645  | 62.9             | 5,454  | 3,345  | 61.3             |
|   | Darlington                            | 1                    | 1                                   | 100.0                         | 1,183  | 753  | 63.7             | 1,270  | 773  | 60.9             | 1,245  | 756  | 60.7             | 1,272  | 773  | 60.8             | 1,267  | 743  | 58.6             |
|   | Hartlepool                            | 1                    | 1                                   | 100.0                         | 1,190  | 659  | 55.4             | 1,190  | 689  | 57.9             | 1,206  | 740  | 61.4             | 1,175  | 718  | 61.1             | 1,189  | 668  | 56.2             |
|   | Middlesbrough                         | 1                    | 1                                   | 100.0                         | 1,963  | 1,114  | 56.7             | 1,963  | 1,019  | 51.9             | 2,066  | 1,087  | 52.6             | 1,936  | 1,016  | 52.5             | 1,864  | 955  | 51.2             |
|   | Redcar And Cleveland                  | 1                    | 1                                   | 100.0                         | 1,726  | 878  | 50.9             | 1,726  | 951  | 55.1             | 1,687  | 895  | 53.1             | 1,639  | 880  | 53.7             | 1,535  | 778  | 50.7             |
|   | Stockton-On-Tees                      | 1                    | 1                                   | 100.0                         | 2,532  | 1,459  | 57.6             | 2,532  | 1,360  | 53.7             | 2,555  | 1,449  | 56.7             | 2,556  | 1,433  | 56.1             | 2,403  | 1,302  | 54.2             |
| East Anglia   | Cambridgeshire                        | 1                    | 1                                   | 100.0                         | 7,378  | 4,957  | 67.2             | 7,916  | 4,966  | 62.7             | 7,958  | 5,046  | 63.4             | 8,425  | 4,637  | 55.0             | 7,673  | 4,314  | 56.2             |
|   | Norfolk                               | 1                    | 1                                   | 100.0                         | 9,448  | 6,456  | 68.3             | 9,962  | 6,434  | 64.6             | 9,713  | 6,382  | 65.7             | 9,537  | 6,015  | 63.1             | 9,340  | 5,659  | 60.6             |
|   | Peterborough                          | 1                    | 1                                   | 100.0                         | 3,094  | 1,513  | 48.9             | 3,262  | 1,508  | 46.2             | 3,169  | 1,478  | 46.6             | 3,295  | 1,345  | 40.8             | 3,081  | 1,271  | 41.3             |
|   | Suffolk                               | 1                    | 1                                   | 100.0                         | 8,073  | 5,307  | 65.7             | 8,651  | 5,381  | 62.2             | 8,907  | 5,475  | 61.5             | 8,640  | 5,038  | 58.3             | 8,724  | 4,878  | 55.9             |
| Essex   | Essex                                 | 1                    | 1                                   | 100.0                         | 17,563   | 11,918   | 67.9             | 17,907   | 11,975   | 66.9             | 17,824   | 11,675   | 65.5             | 17,822   | 11,529   | 64.7             | 17,486   | 10,768   | 61.6             |
|   | Southend-On-Sea                       | 1                    | 1                                   | 100.0                         | 2,214  | 1,413  | 63.8             | 2,270  | 1,434  | 63.2             | 2,357  | 1,441  | 61.1             | 2,339  | 1,420  | 60.7             | 2,338  | 1,378  | 58.9             |
|   | Thurrock                              | 1                    | 1                                   | 100.0                         | 2,524  | 1,435  | 56.9             | 2,594  | 1,471  | 56.7             | 2,527  | 1,418  | 56.1             | 2,440  | 1,346  | 55.2             | 2,444  | 1,279  | 52.3             |

| Area Team                            | Local Authority            | Response Rate        |                                     |                               | Reception (age 4-5)  |  |                  | Year 1 (age 5-6 yrs)   |  |                  | Year 2 (age 6-7 yrs)   |  |                  | Year 3 (age 7-8 yrs)   |  |                  | Year 4 (age 8-9 yrs)   |  |                  |
|--------------------------------------|----------------------------|----------------------|-------------------------------------|-------------------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|
|                                      |                            | No. of Organisations | No. of Organisation making a return | % of organisations responding | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake |
| Greater Manchester                   | Bolton                     | 1                    | 1                                   | 100.0                         | 3,897  | 2,137  | 54.8             | 4,172  | 2,313  | 55.4             | 4,034  | 2,306  | 57.2             | 4,143  | 1,788  | 43.2             | 4,186  | 1,806  | 43.1             |
|                                      | Bury                       | 1                    | 1                                   | 100.0                         | 2,458  | 1,687  | 68.6             | 2,522  | 1,749  | 69.3             | 2,524  | 1,687  | 66.8             | 2,482  | 1,612  | 64.9             | 2,500  | 1,682  | 67.3             |
|                                      | Manchester                 | 1                    | 1                                   | 100.0                         | 7,246  | 3,871  | 53.4             | 7,299  | 3,751  | 51.4             | 7,314  | 3,746  | 51.2             | 7,317  | 3,535  | 48.3             | 7,205  | 3,346  | 46.4             |
|                                      | Oldham                     | 1                    | 1                                   | 100.0                         | 3,497  | 2,027  | 58.0             | 3,438  | 1,923  | 55.9             | 3,569  | 1,995  | 55.9             | 3,605  | 1,876  | 52.0             | 3,594  | 1,885  | 52.4             |
|                                      | Rochdale                   | 1                    | 1                                   | 100.0                         | 3,083  | 1,954  | 63.4             | 3,105  | 1,926  | 62.0             | 3,069  | 1,806  | 58.8             | 3,045  | 1,749  | 57.4             | 3,106  | 1,726  | 55.6             |
|                                      | Salford                    | 1                    | 1                                   | 100.0                         | 3,358  | 1,899  | 56.6             | 3,386  | 1,916  | 56.6             | 3,418  | 1,887  | 55.2             | 3,275  | 1,734  | 52.9             | 3,233  | 1,689  | 52.2             |
|                                      | Stockport                  | 1                    | 1                                   | 100.0                         | 3,735  | 2,867  | 76.8             | 3,814  | 2,822  | 74.0             | 3,733  | 2,808  | 75.2             | 3,666  | 2,595  | 70.8             | 3,741  | 2,605  | 69.6             |
|                                      | Tameside                   | 1                    | 1                                   | 100.0                         | 3,003  | 2,059  | 68.6             | 3,118  | 2,039  | 65.4             | 3,054  | 1,950  | 63.9             | 3,175  | 2,024  | 63.7             | 2,985  | 1,798  | 60.2             |
|                                      | Trafford                   | 1                    | 1                                   | 100.0                         | 3,028  | 2,143  | 70.8             | 3,246  | 2,204  | 67.9             | 3,255  | 2,157  | 66.3             | 3,190  | 2,117  | 66.4             | 3,233  | 2,066  | 63.9             |
| Hertfordshire And The South Midlands | Wigan                      | 1                    | 1                                   | 100.0                         | 3,775  | 2,551  | 67.6             | 3,851  | 2,546  | 66.1             | 4,010  | 2,709  | 67.6             | 3,902  | 2,519  | 64.6             | 3,899  | 2,426  | 62.2             |
|                                      | Bedford                    | 1                    | 1                                   | 100.0                         | 2,213  | 1,396  | 63.1             | 2,364  | 1,363  | 57.7             | 2,377  | 1,318  | 55.4             | 2,472  | 1,328  | 53.7             | 2,437  | 1,307  | 53.6             |
|                                      | Central Bedfordshire       | 1                    | 1                                   | 100.0                         | 3,343  | 2,431  | 72.7             | 3,582  | 2,398  | 66.9             | 3,617  | 2,402  | 66.4             | 3,488  | 2,253  | 64.6             | 3,396  | 2,156  | 63.5             |
|                                      | Hertfordshire              | 1                    | 1                                   | 100.0                         | 14,494   | 8,891  | 61.3             | 15,423   | 8,993  | 58.3             | 16,087   | 9,314  | 57.9             | 15,768   | 8,709  | 55.2             | 15,437   | 8,121  | 52.6             |
|                                      | Luton                      | 1                    | 1                                   | 100.0                         | 2,423  | 1,100  | 45.4             | 3,345  | 1,169  | 34.9             | 3,433  | 1,131  | 32.9             | 3,316  | 986  | 29.7             | 3,297  | 939  | 28.5             |
|                                      | Milton Keynes              | 1                    | 1                                   | 100.0                         | 3,785  | 2,269  | 59.9             | 4,016  | 2,272  | 56.6             | 4,129  | 2,286  | 55.4             | 3,999  | 1,976  | 49.4             | 3,968  | 1,947  | 49.1             |
|                                      | Northamptonshire           | 1                    | 1                                   | 100.0                         | 9,659  | 5,823  | 60.3             | 9,773  | 5,875  | 60.1             | 9,907  | 6,011  | 60.7             | 9,881  | 5,726  | 57.9             | 9,900  | 5,592  | 56.5             |
|                                      | Kent And Medway            | 1                    | 1                                   | 100.0                         | 18,132   | 8,906  | 49.1             | 20,103   | 11,769   | 58.5             | 19,596   | 11,285   | 57.6             | 19,735   | 10,779   | 54.6             | 19,632   | 10,541   | 53.7             |
|                                      | Medway                     | 1                    | 1                                   | 100.0                         | 3,690  | 1,723  | 46.7             | 4,052  | 2,262  | 55.8             | 3,947  | 2,177  | 55.2             | 3,856  | 2,024  | 52.5             | 3,908  | 1,999  | 51.2             |
| Lancashire                           | Blackburn With Darwen      | 1                    | 1                                   | 100.0                         | 2,000  | 968  | 48.4             | 2,215  | 1,004  | 45.3             | 2,281  | 970  | 42.5             | 2,188  | 862  | 39.4             | 2,100  | 845  | 40.2             |
|                                      | Blackpool                  | 1                    | 1                                   | 100.0                         | 1,685  | 1,023  | 60.7             | 1,718  | 1,002  | 58.3             | 1,681  | 961  | 57.2             | 1,721  | 972  | 56.5             | 1,665  | 924  | 55.5             |
|                                      | Lancashire                 | 1                    | 1                                   | 100.0                         | 13,736   | 8,791  | 64.0             | 14,064   | 8,544  | 60.8             | 14,462   | 8,583  | 59.3             | 14,052   | 8,084  | 57.5             | 14,205   | 7,799  | 54.9             |
| Leicestershire And Lincolnshire      | Leicester                  | 1                    | 1                                   | 100.0                         | 4,126  | 2,091  | 50.7             | 4,895  | 2,305  | 47.1             | 5,137  | 2,324  | 45.2             | 4,875  | 2,010  | 41.2             | 4,719  | 2,010  | 42.6             |
|                                      | Leicestershire and Rutland | 2                    | 2                                   | 100.0                         | 7,716  | 5,872  | 76.1             | 8,052  | 6,012  | 74.7             | 8,209  | 6,030  | 73.5             | 7,988  | 5,776  | 72.3             | 7,787  | 5,626  | 72.2             |
|                                      | Lincolnshire               | 1                    | 1                                   | 100.0                         | 7,986  | 3,802  | 47.6             | 8,447  | 4,628  | 54.8             | 8,562  | 4,587  | 53.6             | 8,468  | 4,223  | 49.9             | 8,449  | 3,871  | 45.8             |
| London                               | Barking And Dagenham       | 1                    | 1                                   | 100.0                         | 3,606  | 1,598  | 44.3             | 3,842  | 1,586  | 41.3             | 3,753  | 1,561  | 41.6             | 3,696  | 1,523  | 41.2             | 3,623  | 1,523  | 42.0             |
|                                      | Barnet                     | 1                    | 1                                   | 100.0                         | 4,617  | 2,484  | 53.8             | 4,906  | 2,618  | 53.4             | 4,824  | 2,538  | 52.6             | 4,628  | 2,338  | 50.5             | 4,563  | 2,170  | 47.6             |
|                                      | Bexley                     | 1                    | 1                                   | 100.0                         | 3,192  | 2,187  | 68.5             | 3,392  | 2,274  | 67.0             | 3,425  | 2,250  | 65.7             | 3,382  | 2,098  | 62.0             | 3,251  | 1,909  | 58.7             |
|                                      | Brent                      | 1                    | 0                                   | 0.0                           | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                |
|                                      | Bromley                    | 1                    | 1                                   | 100.0                         | 4,212  | 2,892  | 68.7             | 4,316  | 2,842  | 65.8             | 4,367  | 2,775  | 63.5             | 4,367  | 2,721  | 62.3             | 4,136  | 2,432  | 58.8             |
|                                      | Camden                     | 1                    | 1                                   | 100.0                         | 1,609  | 1,017  | 63.2             | 1,722  | 1,289  | 74.9             | 1,800  | 1,194  | 66.3             | 1,741  | 1,138  | 65.4             | 1,983  | 1,162  | 58.6             |
|                                      | City and Hackney           | 2                    | 2                                   | 100.0                         | 2,781  | 1,076  | 38.7             | 2,910  | 1,013  | 34.8             | 2,894  | 974  | 33.7             | 2,909  | 908  | 31.2             | 2,764  | 893  | 32.3             |
|                                      | Croydon                    | 1                    | 1                                   | 100.0                         | 4,899  | 2,616  | 53.4             | 5,131  | 2,738  | 53.4             | 5,029  | 2,566  | 51.0             | 4,857  | 2,378  | 49.0             | 4,667  | 2,261  | 48.4             |
|                                      | Ealing                     | 1                    | 0                                   | 0.0                           | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                | -  | -  | -                |
|                                      | Enfield                    | 1                    | 1                                   | 100.0                         | 4,520  | 2,039  | 45.1             | 4,763  | 1,979  | 41.5             | 4,715  | 1,986  | 42.1             | 4,829  | 1,804  | 37.4             | 4,652  | 1,633  | 35.1             |
|                                      | Greenwich                  | 1                    | 1                                   | 100.0                         | 3,920  | 2,183  | 55.7             | 3,930  | 2,104  | 53.5             | 3,930  | 2,021  | 51.4             | 3,796  | 1,827  | 48.1             | 3,635  | 1,688  | 46.4             |
|                                      | Hammersmith And Fulham     | 1                    | 1                                   | 100.0                         | 1,482  | 734  | 49.5             | 1,482  | 610  | 41.2             | 1,493  | 646  | 43.3             | 1,475  | 639  | 43.3             | 1,479  | 559  | 37.8             |
|                                      | Haringey                   | 1                    | 1                                   | 100.0                         | 3,043  | 1,284  | 42.2             | 3,097  | 1,276  | 41.2             | 3,233  | 1,289  | 39.9             | 3,331  | 1,248  | 37.5             | 3,195  | 1,145  | 35.8             |
|                                      | Harrow                     | 1                    | 1                                   | 100.0                         | 3,264  | 1,836  | 56.3             | 3,198  | 1,729  | 54.1             | 3,255  | 1,729  | 53.1             | 3,268  | 1,619  | 49.5             | 3,146  | 1,556  | 49.5             |
|                                      | Havering                   | 1                    | 1                                   | 100.0                         | 3,404  | 2,064  | 60.6             | 3,362  | 1,955  | 58.1             | 3,276  | 1,892  | 57.8             | 3,137  | 1,717  | 54.7             | 3,167  | 1,748  | 55.2             |
|                                      | Hillingdon                 | 1                    | 1                                   | 100.0                         | 3,756  | 1,846  | 49.1             | 3,691  | 1,855  | 50.3             | 3,671  | 1,743  | 47.5             | 3,736  | 1,755  | 47.0             | 3,847  | 1,550  | 40.3             |
|                                      | Hounslow                   | 1                    | 1                                   | 100.0                         | 3,512  | 1,736  | 49.4             | 3,486  | 1,687  | 48.4             | 3,492  | 1,669  | 47.8             | 3,369  | 1,436  | 42.4             | 3,436  | 1,439  | 41.9             |
|                                      | Islington                  | 1                    | 1                                   | 100.0                         | 2,228  | 845  | 37.9             | 2,232  | 786  | 35.2             | 2,259  | 812  | 35.9             | 2,223  | 613  | 27.6             | 2,227  | 619  | 27.8             |
|                                      | Kensington And Chelsea     | 1                    | 1                                   | 100.0                         | 1,305  | 567  | 43.4             | 1,298  | 524  | 40.4             | 1,223  | 560  | 45.8             | 1,120  | 449  | 40.1             | 1,063  | 448  | 42.1             |
|                                      | Kingston Upon Thames       | 1                    | 1                                   | 100.0                         | 2,184  | 1,561  | 71.5             | 2,216  | 1,544  | 69.7             | 2,179  | 1,514  | 69.5             | 2,147  | 1,434  | 66.8             | 2,204  | 1,459  | 66.2             |
|                                      | Lambeth                    | 1                    | 1                                   | 100.0                         | 3,466  | 1,550  | 44.7             | 3,545  | 1,572  | 44.3             | 3,495  | 1,420  | 40.6             | 3,434  | 1,330  | 38.7             | 3,328  | 1,233  | 37.0             |
|                                      | Lewisham                   | 1                    | 1                                   | 100.0                         | 3,805  | 1,974  | 51.9             | 3,762  | 1,847  | 49.1             | 3,890  | 1,915  | 49.2             | 3,773  | 1,710  | 45.3             | 3,643  | 1,560  | 42.8             |
|                                      | Merton                     | 1                    | 1                                   | 100.0                         | 2,766  | 1,735  | 62.7             | 2,811  | 1,718  | 61.1             | 2,876  | 1,736  | 60.4             | 2,813  | 1,646  | 58.5             | 2,743  | 1,555  | 56.7             |
|                                      | Newham                     | 1                    | 1                                   | 100.0                         | 4,847  | 1,888  | 39.0             | 5,041  | 1,855  | 36.8             | 5,009  | 1,798  | 35.9             | 4,945  | 1,572  | 31.8             | 4,895  | 1,517  | 31.0             |
|                                      | Redbridge                  | 1                    | 1                                   | 100.0                         | 4,480  | 2,004  | 44.7             | 4,704  | 1,960  | 41.7             | 4,884  | 1,884  | 42.0             | 4,840  | 1,834  | 40.9             | 4,197  | 1,611  | 38.4             |
|                                      | Richmond Upon Thames       | 1                    | 1                                   | 100.0                         | 2,921  | 2,170  | 74.3             | 2,987  | 2,175  | 72.8             | 2,996  | 2,127  | 71.0             | 3,128  | 2,134  | 68.2             | 3,046  | 2,007  | 65.9             |
|                                      | Southwark                  | 1                    | 1                                   | 100.0                         | 3,703  | 1,875  | 50.6             | 3,822  | 1,907  | 49.9             | 3,827  | 1,855  | 48.5             | 3,706  | 1,698  | 45.8             | 3,664  | 1,670  | 45.6             |
|                                      | Sutton                     | 1                    | 1                                   | 100.0                         | 2,581  | 1,802  | 69.8             | 2,719  | 1,790  | 65.8             | 2,670  | 1,770  | 66.3             | 2,667  | 1,669  | 62.6             | 2,690  | 1,721  | 64.0             |
|                                      | Tower Hamlets              | 1                    | 1                                   | 100.0                         | 3,462  | 1,121  | 32.4             | 3,660  | 1,044  | 28.5             | 3,463  | 1,033  | 29.8             | 3,429  | 883  | 25.8             | 3,386  | 815  | 24.1             |
|                                      | Waltham Forest             | 1                    | 1                                   | 100.0                         | 3,705  | 1,560  | 42.1             | 3,781  | 1,507  | 39.9             | 3,725  | 1,382  | 37.1             | 3,581  | 1,318  | 36.8             | 3,539  | 1,189  | 33.6             |
|                                      | Wandsworth                 | 1                    | 1                                   | 100.0                         | 3,632  | 2,150  | 59.2             | 3,690  | 2,068  | 56.0             | 3,571  | 1,902  | 53.3             | 3,551  | 1,772  | 49.9             | 3,401  | 1,608  | 47.3             |
|                                      | Westminster                | 1                    | 1                                   | 100.0                         | 1,155  | 592  | 51.3             | 1,246  | 584  | 46.9             | 1,390  | 635  | 45.7             | 1,394  | 454  | 32.6             | 1,411  | 523  | 37.1             |

| Area Team                     | Local Authority             | Response Rate        |                                     |                               | Reception (age 4-5)  |  |                  | Year 1 (age 5-6 yrs)   |  |                  | Year 2 (age 6-7 yrs)   |  |                  | Year 3 (age 7-8 yrs)   |  |                  | Year 4 (age 8-9 yrs)   |  |                  |
|-------------------------------|-----------------------------|----------------------|-------------------------------------|-------------------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|--|--|------------------|
|                               |                             | No. of Organisations | No. of Organisation making a return | % of organisations responding | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake | Estimated total number of children eligible for vaccination¹ | Estimated total number of children vaccinated with influenza vaccine | % Vaccine Uptake |
| Merseyside                    | Halton                      | 1                    | 1                                   | 100.0                         | 1,537  | 863  | 56.1             | 1,565  | 888  | 56.7             | 1,539  | 802  | 52.1             | 1,648  | 873  | 53.0             | 1,495  | 736  | 49.2             |
|                               | Knowsley                    | 1                    | 1                                   | 100.0                         | 1,891  | 1,092  | 57.7             | 1,946  | 1,106  | 56.8             | 1,907  | 1,103  | 57.8             | 1,891  | 975  | 51.6             | 1,850  | 1,000  | 54.1             |
|                               | Liverpool                   | 1                    | 1                                   | 100.0                         | 5,415  | 2,928  | 54.1             | 5,733  | 2,895  | 50.5             | 5,598  | 2,958  | 52.8             | 5,301  | 2,611  | 49.3             | 5,293  | 2,582  | 48.8             |
|                               | Sefton                      | 1                    | 1                                   | 100.0                         | 2,886  | 1,978  | 68.5             | 3,041  | 2,013  | 66.2             | 2,964  | 1,896  | 64.0             | 3,041  | 1,891  | 62.2             | 3,121  | 2,037  | 65.3             |
|                               | St. Helens                  | 1                    | 1                                   | 100.0                         | 2,118  | 1,452  | 68.6             | 2,191  | 1,462  | 66.7             | 2,130  | 1,383  | 64.9             | 2,140  | 1,367  | 63.9             | 2,100  | 1,321  | 62.9             |
| North Yorkshire And Humber    | East Riding Of Yorkshire    | 1                    | 1                                   | 100.0                         | 3,473  | 2,803  | 80.7             | 3,792  | 2,955  | 77.9             | 3,590  | 2,783  | 77.5             | 3,613  | 2,723  | 75.4             | 3,550  | 2,662  | 75.0             |
|                               | Kingston Upon Hull, City Of | 1                    | 1                                   | 100.0                         | 3,376  | 2,194  | 65.0             | 3,584  | 2,268  | 63.3             | 3,403  | 2,138  | 62.8             | 3,303  | 2,032  | 61.5             | 3,293  | 1,993  | 60.5             |
|                               | North East Lincolnshire     | 1                    | 1                                   | 100.0                         | 1,991  | 1,494  | 75.0             | 2,043  | 1,496  | 73.2             | 2,067  | 1,557  | 75.3             | 2,027  | 1,413  | 69.7             | 1,991  | 1,383  | 69.5             |
|                               | North Lincolnshire          | 1                    | 1                                   | 100.0                         | 1,871  | 1,320  | 70.6             | 1,960  | 1,309  | 66.8             | 1,960  | 1,356  | 69.2             | 1,938  | 1,286  | 66.4             | 1,945  | 1,287  | 66.2             |
|                               | North Yorkshire             | 1                    | 1                                   | 100.0                         | 6,137  | 3,315  | 54.0             | 6,137  | 3,255  | 53.0             | 6,215  | 3,389  | 54.5             | 6,285  | 3,216  | 51.2             | 6,122  | 3,065  | 50.1             |
|                               | York                        | 1                    | 1                                   | 100.0                         | 1,966  | 1,051  | 53.5             | 1,976  | 1,152  | 58.3             | 1,998  | 1,188  | 59.5             | 1,963  | 1,116  | 56.9             | 2,048  | 1,134  | 55.4             |
|                               | Shropshire                  | 1                    | 1                                   | 100.0                         | 3,105  | 2,131  | 68.6             | 3,209  | 2,094  | 65.3             | 3,190  | 2,102  | 65.9             | 3,263  | 2,038  | 62.5             | 3,350  | 1,991  | 59.4             |
| Shropshire And Staffordshire  | Staffordshire               | 1                    | 1                                   | 100.0                         | 9,559  | 5,199  | 54.4             | 9,559  | 5,087  | 53.2             | 9,706  | 5,214  | 53.7             | 9,564  | 4,901  | 51.2             | 9,441  | 4,753  | 50.3             |
|                               | Stoke-On-Trent              | 1                    | 1                                   | 100.0                         | 3,359  | 1,438  | 42.8             | 3,359  | 1,496  | 44.5             | 3,437  | 1,564  | 45.5             | 3,255  | 1,500  | 46.1             | 3,280  | 1,426  | 43.5             |
|                               | Telford And Wrekin          | 1                    | 1                                   | 100.0                         | 2,447  | 1,492  | 61.0             | 2,340  | 1,326  | 56.7             | 2,461  | 1,383  | 56.2             | 2,393  | 1,346  | 56.2             | 2,409  | 1,274  | 52.9             |
| South Yorkshire And Bassetlaw | Barnsley                    | 1                    | 1                                   | 100.0                         | 2,852  | 2,296  | 80.5             | 3,001  | 2,324  | 77.4             | 3,012  | 2,337  | 77.6             | 2,904  | 2,208  | 76.0             | 2,781  | 2,099  | 75.5             |
|                               | Bassetlaw (Lower Tier LA),  | 1                    | 1                                   | 100.0                         | 1,271  | 878  | 69.1             | 1,398  | 972  | 69.5             | 1,327  | 916  | 69.0             | 1,351  | 844  | 62.5             | 1,306  | 786  | 60.2             |
|                               | Doncaster                   | 1                    | 1                                   | 100.0                         | 3,513  | 2,473  | 70.4             | 3,667  | 2,425  | 66.1             | 3,833  | 2,474  | 64.5             | 3,726  | 2,360  | 63.3             | 3,773  | 2,279  | 60.4             |
|                               | Rotherham                   | 1                    | 1                                   | 100.0                         | 3,173  | 2,155  | 67.9             | 3,368  | 2,252  | 66.9             | 3,355  | 2,235  | 66.6             | 3,426  | 2,182  | 63.7             | 3,370  | 2,125  | 63.1             |
|                               | Sheffield                   | 1                    | 1                                   | 100.0                         | 6,508  | 3,942  | 60.6             | 6,763  | 4,171  | 61.7             | 6,674  | 3,986  | 59.7             | 6,598  | 3,820  | 57.9             | 6,655  | 3,723  | 55.9             |
| Surrey And Sussex             | Brighton And Hove           | 1                    | 1                                   | 100.0                         | 2,668  | 1,779  | 66.7             | 2,832  | 1,808  | 63.8             | 2,851  | 1,745  | 61.2             | 2,947  | 1,663  | 56.4             | 2,879  | 1,573  | 54.6             |
|                               | East Sussex                 | 1                    | 1                                   | 100.0                         | 6,046  | 3,432  | 56.8             | 6,138  | 3,262  | 53.1             | 6,261  | 3,293  | 52.6             | 6,042  | 3,079  | 51.0             | 6,041  | 2,884  | 47.7             |
|                               | Surrey                      | 1                    | 1                                   | 100.0                         | 14,703   | 10,240   | 69.6             | 15,524   | 10,444   | 67.3             | 15,590   | 10,481   | 67.2             | 15,280   | 9,927  | 65.0             | 14,987   | 9,275  | 61.9             |
|                               | West Sussex                 | 1                    | 1                                   | 100.0                         | 9,769  | 6,835  | 70.0             | 10,250   | 6,870  | 67.0             | 10,174   | 6,761  | 66.5             | 10,026   | 6,283  | 62.7             | 10,061   | 6,147  | 61.1             |
| Thames Valley                 | Bracknell Forest            | 1                    | 1                                   | 100.0                         | 1,402  | 1,019  | 72.7             | 1,610  | 1,091  | 67.8             | 1,557  | 1,064  | 68.3             | 1,598  | 1,008  | 63.1             | 1,624  | 1,002  | 61.7             |
|                               | Buckinghamshire             | 1                    | 1                                   | 100.0                         | 6,727  | 4,478  | 66.6             | 7,010  | 4,524  | 64.5             | 7,147  | 4,643  | 65.0             | 7,073  | 4,249  | 60.1             | 6,931  | 4,022  | 58.0             |
|                               | Oxfordshire                 | 1                    | 1                                   | 100.0                         | 7,914  | 5,825  | 73.6             | 8,228  | 5,846  | 71.1             | 8,539  | 6,141  | 71.9             | 8,187  | 5,555  | 67.9             | 7,873  | 5,141  | 65.3             |
|                               | Reading                     | 1                    | 1                                   | 100.0                         | 1,906  | 1,181  | 62.0             | 2,084  | 1,149  | 55.1             | 2,081  | 1,161  | 55.8             | 2,036  | 1,085  | 53.3             | 1,995  | 1,036  | 51.9             |
|                               | Slough                      | 1                    | 1                                   | 100.0                         | 2,164  | 973  | 45.0             | 2,504  | 963  | 38.5             | 2,515  | 992  | 39.4             | 2,495  | 928  | 37.2             | 2,452  | 870  | 35.5             |
|                               | West Berkshire              | 1                    | 1                                   | 100.0                         | 1,981  | 1,428  | 72.1             | 2,026  | 1,480  | 73.1             | 2,098  | 1,486  | 70.8             | 2,051  | 1,409  | 68.7             | 2,010  | 1,357  | 67.5             |
|                               | Windsor And Maidenhead      | 1                    | 1                                   | 100.0                         | 1,665  | 1,208  | 72.6             | 1,944  | 1,185  | 61.0             | 1,963  | 1,173  | 59.8             | 1,989  | 1,164  | 58.5             | 1,975  | 1,122  | 56.8             |
|                               | Wokingham                   | 1                    | 1                                   | 100.0                         | 1,974  | 1,506  | 76.3             | 2,400  | 1,525  | 63.5             | 2,282  | 1,420  | 62.2             | 2,373  | 1,480  | 62.4             | 2,262  | 1,358  | 60.0             |
| Wessex                        | Bournemouth                 | 1                    | 1                                   | 100.0                         | 1,994  | 1,302  | 65.3             | 2,106  | 1,261  | 59.9             | 2,113  | 1,287  | 60.9             | 2,031  | 1,170  | 57.6             | 2,056  | 1,116  | 54.3             |
|                               | Dorset                      | 1                    | 1                                   | 100.0                         | 4,075  | 2,956  | 72.5             | 4,283  | 2,904  | 67.8             | 4,334  | 2,924  | 67.5             | 4,445  | 2,839  | 63.9             | 4,482  | 2,846  | 63.5             |
|                               | Hampshire                   | 1                    | 1                                   | 100.0                         | 15,647   | 12,594   | 80.5             | 16,522   | 12,839   | 77.7             | 16,558   | 12,969   | 78.3             | 16,174   | 11,999   | 74.2             | 15,878   | 11,489   | 72.4             |
|                               | Isle Of Wight               | 1                    | 1                                   | 100.0                         | 1,401  | 803  | 57.3             | 1,388  | 797  | 57.4             | 1,361  | 771  | 56.6             | 1,344  | 693  | 51.6             | 1,335  | 590  | 44.2             |
|                               | Poole                       | 1                    | 1                                   | 100.0                         | 1,446  | 1,035  | 71.6             | 1,700  | 1,137  | 66.9             | 1,676  | 1,108  | 66.1             | 1,705  | 1,085  | 63.6             | 1,570  | 923  | 58.8             |
|                               | Portsmouth                  | 1                    | 1                                   | 100.0                         | 2,559  | 1,893  | 74.0             | 2,514  | 1,745  | 69.4             | 2,469  | 1,781  | 72.1             | 2,508  | 1,710  | 68.2             | 2,411  | 1,571  | 65.2             |
|                               | Southampton                 | 1                    | 1                                   | 100.0                         | 2,953  | 1,912  | 64.7             | 3,050  | 1,884  | 61.8             | 3,169  | 1,942  | 61.3             | 2,969  | 1,679  | 56.6             | 2,859  | 1,604  | 56.1             |
|                               | Wokingham                   | 1                    | 1                                   | 100.0                         | 1,974  | 1,506  | 76.3             | 2,400  | 1,525  | 63.5             | 2,282  | 1,420  | 62.2             | 2,373  | 1,480  | 62.4             | 2,262  | 1,358  | 60.0             |
| West Yorkshire                | Bradford                    | 1                    | 1                                   | 100.0                         | 7,664  | 2,789  | 36.4             | 7,982  | 3,029  | 37.9             | 8,274  | 3,118  | 37.7             | 8,415  | 2,996  | 35.6             | 8,275  | 2,838  | 34.3             |
|                               | Calderdale                  | 1                    | 1                                   | 100.0                         | 2,789  | 1,806  | 64.8             | 2,947  | 1,829  | 62.1             | 2,836  | 1,779  | 62.7             | 2,933  | 1,780  | 60.7             | 2,821  | 1,726  | 61.2             |
|                               | Kirklees                    | 1                    | 1                                   | 100.0                         | 5,583  | 3,196  | 57.2             | 5,744  | 3,383  | 58.9             | 5,898  | 3,414  | 57.9             | 5,731  | 3,262  | 56.9             | 5,736  | 3,161  | 55.1             |
|                               | Leeds                       | 1                    | 1                                   | 100.0                         | 9,856  | 6,332  | 64.2             | 10,499   | 6,403  | 61.0             | 10,279   | 6,260  | 60.9             | 10,403   | 6,173  | 59.3             | 10,031   | 5,741  | 57.2             |
|                               | Wakefield                   | 1                    | 1                                   | 100.0                         | 4,170  | 2,879  | 69.0             | 4,170  | 2,869  | 68.8             | 4,215  | 2,949  | 70.0             | 4,207  | 2,846  | 67.6             | 3,983  | 2,631  | 66.1             |
|                               | Total                       | 153                  | 148                                 | 96.7                          | 640,808  | 395,771  | 61.8             | 666,782  | 400,068  | 60.0             | 668,361  | 397,529  | 59.5             | 661,245  | 374,601  | 56.7             | 654,759  | 358,926  | 54.8             |

FOOTNOTES

This collection has received approval from the Data Coordination Board for the 2017 to 2018 season (DCB2195).

1. Data is provisional and represents 97% of all Local Authorities (LAs) in England responding to the December 2017 survey. Where a total for England is quoted (e.g. sum of number of patients registered and number vaccinated) this is taken from the 97% of all LAs and is therefore NOT an extrapolated figure for all of England.
2. Denominators are the provisional number of eligible children in schools in the LA geography AND children educated out of school in the LA geography, defined by child age on 1 September 2017. Where denominators have not been amended by data providers, provisional Local Education Authority (LEA) population figures from the Edubase January 2017 Census were used (for School delivery). Denominators also include independent schools and special schools.
3. GP delivery was commissioned in Isles of Scilly Local Authority. Therefore figures have been extracted from GP systems and are based on the number of patients registered with a GP practice located within the LA geographical boundary as defined by child age on 1 September 2017 (GP delivery).
4. Coverage data reflects, to the best of providers' ability, all eligible children of school years reception, 1, 2, 3 and 4 age that have been vaccinated in school, including children who may have been vaccinated by GPs or pharmacies. It should however be noted that figures may still be incomplete due to the nature and variety of the systems used to obtain this information, which varies from provider to provider.
5. Percent vaccine uptake of number of children vaccinated with influenza vaccine includes both LAIV (Live Attenuated Influenza Vaccine) and IIV (Inactivated Influenza Vaccine).
6. The number of organisations corresponds to the number of LAs or lower tier LAs in the area.

**Data Source:** Local NHS England teams and their providers submitted aggregate LA level vaccination data manually to PHE via the ImmForm website  
Influenza Immunisation Vaccine Uptake Monitoring Programme  
Public Health England (PHE)



## National childhood influenza vaccine programme coverage in England : 2017-18

Seasonal influenza vaccine uptake for children of school years reception, 1, 2, 3 and 4 age

### Key Facts

Data for the December 2017 childhood influenza vaccine uptake report were collected from 1 September 2017 to 31 December 2017 inclusive.

148 of 153 (97%) LAs offered the influenza vaccine (this includes both Live Attenuated Influenza Vaccine (LAIV) and Inactivated Influenza Vaccine (IIV) to healthy children of school years reception 1, 2, 3 and 4 age either via a school, pharmacy or and GP practice.

For the 5 LAs that did not respond to the survey, data is not presented.

### Data presentation

The target population for the national primary school age childhood influenza vaccination programme is defined as all children in Reception (aged 4 rising to 5 yrs); Year 1 (aged 5 rising to 6 yrs); Year 2 (aged 6 rising to 7 yrs); Year 3 (aged 7 rising to 8 yrs); and Year 4 (aged 8 rising to 9 yrs) born between 1 September 2008 and 31 August 2013, as defined by child age on 1 September 2017.

The data presented are provisional estimates of all eligible children of school years reception, 1, 2, 3 and 4 age that have been vaccinated in the LA geography with influenza vaccine (LAIV or IIV) between 1 September 2017 and 31 December 2017.

For the 152 LAs (including lower tier Bassetlaw LA) where the programme was commissioned through schools, the denominator is based on all eligible children in schools in the LA geography AND children educated out of school in the LA geography, defined by child age at 1 September 2017 using local education authority (LEA) population figures (i.e. school roll).

For the one LA where the programme was commissioned for GP delivery only (Isles of Scilly Local Authorities), the denominators are derived from GP systems and are based on the number of patients registered with a GP practice located within the LA geographical boundary.

LAIV vaccinations were given to healthy children primarily in schools. For children in a clinical risk group, the majority will have been called in by their GP to receive vaccination. Mop-up sessions have occurred in 48 LAs at GP practices/pharmacies/other settings alongside the school delivery model this month. These figures have been included in the total number of patient vaccinated for each year group.

Vaccine coverage has been calculated for the old Area Teams (AT) by aggregating the appropriate LA level data.

### Data interpretation

It is important to note that coverage figures are not consistent across all LAs, as not all data providers were able to include information on children where influenza vaccine may have been given by GPs or in other settings instead of the local delivery method.

Caution should be exercised when comparing coverage figures, apparent trends could reflect changes in the quality of data reported as well as real changes in vaccination coverage. While this issue will be more apparent at a local level, it may also have an impact on the national figures. Due to the nature of school delivery models, some vaccine programmes were commissioned for mid to later October due to the autumn half term.

### Data Source

Local NHS England teams and their providers submitted aggregate LA level vaccination data manually to PHE via the ImmForm website.  
Influenza Immunisation Vaccine Uptake  
Public Health England (PHE)