



Public Health  
England

Protecting and improving the nation's health

# **National Childhood Influenza Vaccination Programme 2016 to 2017**

## **Seasonal influenza vaccine uptake for children of primary school age**

Provisional monthly data for 1 September 2016 to 31 December 2016

## Summary

Provisional data from the third monthly collection of influenza vaccine uptake children of school years 1, 2 and 3 age, shows the proportion of children in England who received the 2016/17 influenza vaccine via school, pharmacy or GP practice from 1 September 2016 to 31 December 2016 in targeted groups was as follows:

- 56.6 % in children school year 1 age (5-6 yrs)
- 54.4 % in children school year 2 age (6-7 yrs)
- 52.4 % in children school year 3 age (7-8 yrs)

**Table 1.** Provisional end of December 2016 cumulative influenza vaccine uptake of children school years 1, 2 and 3 age by Area Team from 1 September 2016 to 31 December 2016

Area Team	Response Rate			Year 1 (age 5-6 yrs)			Year 2 (age 6-7 yrs)			Year 3 (age 7-8 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
Arden, Herefordshire And Worcestershire	4	4	100	20,670	11,987	58.0	20,291	11,545	56.9	20,323	11,315	55.7
Bath, Gloucestershire, Swindon And Wiltshire	4	4	100	17,842	9,430	52.9	17,742	8,673	48.9	17,213	7,983	46.4
Birmingham And The Black Country	6	6	100	35,911	18,582	51.7	34,778	17,015	48.9	34,813	16,359	47.0
Bristol, North Somerset, Somerset And South Gloucestershire	4	4	100	17,627	10,369	58.8	17,356	9,268	53.4	16,851	8,749	51.9
Cheshire, Warrington And Wirral	4	4	100	15,071	9,855	65.4	14,891	9,479	63.7	14,699	9,069	61.7
Cumbria, Northumberland, Tyne And Wear	7	7	100	21,788	13,765	63.2	21,491	13,303	61.9	21,753	12,829	59.0
Derbyshire And Nottinghamshire	4	4	100	24,062	14,853	61.7	23,901	14,164	59.3	23,405	13,429	57.4
Devon, Cornwall And Isles Of Scilly	5	5	100	18,793	11,296	60.1	18,098	10,124	55.9	18,404	9,762	53.0
Durham, Darlington And Tees	6	6	100	14,688	7,944	54.1	14,601	7,626	52.2	14,087	7,347	52.2
East Anglia	4	4	100	29,208	18,183	62.3	28,425	17,036	59.9	28,616	15,860	55.4
Essex	3	3	100	22,340	14,736	66.0	22,291	14,434	64.8	22,005	13,778	62.6
Greater Manchester	10	10	100	37,703	19,171	50.8	37,210	18,370	49.4	37,132	17,271	46.5
Hertfordshire And The South Midlands	6	6	100	38,415	22,265	58.0	37,551	21,070	56.1	37,120	20,014	53.9
Kent And Medway	2	2	100	22,954	9,869	43.0	23,105	8,931	38.7	22,675	8,716	38.4
Lancashire	3	3	100	15,015	7,503	50.0	14,873	7,048	47.4	14,934	6,680	44.7
Leicestershire And Lincolnshire	4	4	100	21,591	12,296	56.9	21,236	11,724	55.2	20,891	12,255	58.7
London	33	33	100	111,281	50,550	45.4	109,650	47,420	43.2	108,024	44,849	41.5
Merseyside	5	5	100	14,087	8,142	57.8	13,848	7,898	57.0	13,449	7,396	55.0
North Yorkshire And Humber	6	6	100	19,174	12,308	64.2	19,073	12,220	64.1	18,794	11,701	62.3
Shropshire And Staffordshire	4	4	100	18,803	11,667	62.0	18,618	11,633	62.5	18,296	11,141	60.9
South Yorkshire And Bassetlaw	5	5	100	17,775	11,357	63.9	18,009	11,173	62.0	17,972	10,575	58.8
Surrey And Sussex	4	4	100	34,156	20,778	60.8	33,665	19,348	57.5	33,231	17,872	53.8
Thames Valley	8	8	100	28,192	18,893	67.0	27,649	17,642	63.8	26,688	16,594	62.2
Wessex	7	7	100	31,385	21,630	68.9	31,075	20,485	65.9	30,544	19,197	62.9
West Yorkshire	5	5	100	31,445	17,735	56.4	31,745	17,766	56.0	30,920	16,328	52.8
<b>TOTAL</b>	<b>153</b>	<b>153</b>	<b>100</b>	<b>679,976</b>	<b>385,164</b>	<b>56.6</b>	<b>671,172</b>	<b>365,395</b>	<b>54.4</b>	<b>662,839</b>	<b>347,069</b>	<b>52.4</b>

### FOOTNOTES

This collection has received approval from the Standardisation Committee for Care Information (SCCI), the new national gateway body for care information collection requests.

- Data is provisional and represents 100% of all Local Authorities (LAs) in England responding to the December 2016 survey. Where a total for England is quoted (e.g. sum of number of patients registered and number vaccinated) this is taken from the 100% of all LAs and is therefore NOT an extrapolated figure for all of England.
- 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 2016. Where denominators have not been amended by data providers, provisional Local Education Authority (LEA) population figures from the Edubase January 2016 Census were used (for School delivery). Denominators also include independent schools and special schools.
- GP delivery was commissioned in Isles of Scilly, Swindon, and Gloucestershire Local Authorities. 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 2016 (GP delivery).
- Coverage data reflects, to the best of providers' ability, all eligible children of school years 1, 2 and 3 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.
- Percent vaccine uptake of number of children vaccinated with influenza vaccine includes both LAIV (Live Attenuated Influenza Vaccine) and IIV (Inactivated Influenza Vaccine).

**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.** Estimated number and proportion of children of school years 1 ,2 and 3 age who were vaccinated with influenza vaccine by local authority (LA), England, 1 September 2016 to 31 December 2016

Area Team	Local Authority	Response Rate			Year 1 (age 5-6 yrs)			Year 2 (age 6-7 yrs)			Year 3 (age 7-8 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
Arden, Herefordshire And Worcestershire	Coventry	1	1	100.0	4,835	2,871	59.4	4,801	2,851	59.4	4,602	2,775	60.3
	Herefordshire, County Of	1	1	100.0	2,096	1,279	61.0	2,062	1,203	58.3	2,048	1,242	60.6
	Warwickshire	1	1	100.0	7,019	4,244	60.5	6,774	4,071	60.1	7,117	4,003	56.2
	Worcestershire	1	1	100.0	6,720	3,593	53.5	6,654	3,420	51.4	6,556	3,295	50.3
Bath, Gloucestershire, Swindon And Wiltshire	Bath And North East Somerset	1	1	100.0	2,019	1,442	71.4	2,028	1,384	68.2	2,000	1,361	68.1
	Gloucestershire	1	1	100.0	6,696	2,514	37.5	6,841	2,309	33.8	6,649	1,970	29.6
	Swindon	1	1	100.0	3,145	1,100	35.0	3,068	896	29.2	2,991	839	28.1
	Wiltshire	1	1	100.0	5,982	4,374	73.1	5,805	4,084	70.4	5,573	3,813	68.4
Birmingham And The Black Country	Birmingham	1	1	100.0	16,688	7,851	47.0	16,256	7,177	44.1	16,375	6,952	42.5
	Dudley	1	1	100.0	3,893	2,225	57.2	3,914	2,111	53.9	3,755	1,960	52.2
	Sandwell	1	1	100.0	4,688	2,558	54.6	4,551	2,393	52.6	4,606	2,203	47.8
	Solihull	1	1	100.0	3,011	2,023	67.2	2,764	1,754	63.5	2,802	1,766	63.0
	Walsall	1	1	100.0	3,913	1,805	46.1	3,806	1,682	44.2	3,880	1,684	43.4
	Wolverhampton	1	1	100.0	3,718	2,120	57.0	3,487	1,898	54.4	3,395	1,794	52.8
Bristol, North Somerset, Somerset And South Gloucestershire	North Somerset	1	1	100.0	2,507	1,779	71.0	2,448	1,665	68.0	2,393	1,568	65.5
	Somerset	1	1	100.0	6,184	3,953	63.9	6,137	3,760	61.3	5,972	3,534	59.2
	Bristol, City Of	1	1	100.0	5,508	2,549	46.3	5,335	2,064	38.7	5,133	1,952	38.0
	South Gloucestershire	1	1	100.0	3,428	2,088	60.9	3,436	1,779	51.8	3,353	1,695	50.6
Cheshire, Warrington And Wirral	Cheshire East	1	1	100.0	4,429	2,912	65.7	4,352	2,738	62.9	4,316	2,665	61.7
	Cheshire West And Chester	1	1	100.0	4,121	2,729	66.2	4,095	2,672	65.3	3,990	2,538	63.6
	Warrington	1	1	100.0	2,527	1,617	64.0	2,528	1,541	61.0	2,461	1,457	59.2
	Wirral	1	1	100.0	3,994	2,597	65.0	3,916	2,528	64.6	3,932	2,409	61.3
Cumbria, Northumberland, Tyne And Wear	Cumbria	1	1	100.0	5,171	3,461	66.9	5,180	3,237	62.5	5,303	3,101	58.5
	Gateshead	1	1	100.0	2,433	1,525	62.7	2,318	1,465	63.2	2,413	1,436	59.5
	Newcastle Upon Tyne	1	1	100.0	3,485	1,976	56.7	3,415	1,896	55.5	3,450	1,836	53.2
	North Tyneside	1	1	100.0	2,429	1,661	68.4	2,408	1,642	68.2	2,454	1,522	62.0
	Northumberland	1	1	100.0	3,387	2,179	64.3	3,319	2,102	63.3	3,318	2,083	62.8
	South Tyneside	1	1	100.0	1,683	1,028	61.1	1,690	1,056	62.5	1,694	1,018	60.1
Derbyshire And Nottinghamshire	Sunderland	1	1	100.0	3,200	1,935	60.5	3,161	1,905	60.3	3,121	1,833	58.7
	Derby	1	1	100.0	3,386	1,396	41.2	3,489	1,218	34.9	3,507	1,170	33.4
	Derbyshire	1	1	100.0	8,454	6,047	71.5	8,373	5,784	69.1	8,245	5,454	66.1
	Nottingham	1	1	100.0	3,810	1,955	51.3	3,806	1,831	48.1	3,591	1,748	48.7
	Nottinghamshire	1	1	100.0	8,412	5,455	64.8	8,233	5,331	64.8	8,062	5,057	62.7
Devon, Cornwall And Isles Of Scilly	Kernow (Cornwall and Isles of Scilly)	2	2	100.0	6,145	3,753	61.1	5,837	3,365	57.6	5,909	3,276	55.4
	Devon	1	1	100.0	8,053	4,834	60.0	7,824	4,272	54.6	7,921	4,166	52.6
	Plymouth	1	1	100.0	3,123	1,861	59.6	3,013	1,676	55.6	3,113	1,562	50.2
	Torbay	1	1	100.0	1,472	848	57.6	1,424	811	57.0	1,461	758	51.9
Durham, Darlington And Tees	County Durham	1	1	100.0	5,761	3,149	54.7	5,762	2,956	51.3	5,438	2,872	52.8
	Darlington	1	1	100.0	1,291	717	55.5	1,325	751	56.7	1,333	728	54.6
	Hartlepool	1	1	100.0	1,274	683	53.6	1,290	689	53.4	1,366	661	48.4
	Middlesbrough	1	1	100.0	2,049	1,032	50.4	1,925	951	49.4	1,875	883	47.1
	Redcar And Cleveland	1	1	100.0	1,663	877	52.7	1,636	830	50.7	1,516	826	54.5
	Stockton-On-Tees	1	1	100.0	2,650	1,486	56.1	2,663	1,449	54.4	2,559	1,377	53.8
	Teesside	1	1	100.0	2,650	1,486	56.1	2,663	1,449	54.4	2,559	1,377	53.8
East Anglia	Cambridgeshire	1	1	100.0	7,981	5,267	66.0	7,784	4,821	61.9	7,721	4,468	57.9
	Norfolk	1	1	100.0	9,674	6,024	62.3	9,227	5,709	61.9	9,400	5,190	55.2
	Peterborough	1	1	100.0	3,146	1,530	48.6	3,190	1,440	45.1	3,124	1,379	44.1
	Suffolk	1	1	100.0	8,407	5,362	63.8	8,224	5,066	61.6	8,371	4,823	57.6
Essex	Essex	1	1	100.0	17,574	11,817	67.2	17,623	11,614	65.9	17,286	11,018	63.7
	Southend-On-Sea	1	1	100.0	2,271	1,491	65.7	2,272	1,423	62.6	2,284	1,460	63.9
	Thurrock	1	1	100.0	2,495	1,428	57.2	2,396	1,397	58.3	2,435	1,300	53.4
Greater Manchester	Bolton	1	1	100.0	4,043	1,778	44.0	4,083	1,727	42.3	4,125	1,615	39.2
	Bury	1	1	100.0	2,432	1,377	56.6	2,317	1,379	59.5	2,360	1,335	56.6
	Manchester	1	1	100.0	7,281	2,822	38.8	7,268	2,585	35.6	7,256	2,428	33.5
	Oldham	1	1	100.0	3,508	1,479	42.2	3,478	1,420	40.8	3,593	1,342	37.4
	Rochdale	1	1	100.0	2,988	1,712	57.3	2,981	1,598	53.6	3,037	1,541	50.7
	Salford	1	1	100.0	3,343	1,448	43.3	3,229	1,403	43.4	3,145	1,333	42.4
	Stockport	1	1	100.0	3,706	2,430	65.6	3,676	2,219	60.4	3,684	2,138	58.0
	Tameside	1	1	100.0	2,992	1,674	55.9	3,109	1,669	53.7	2,930	1,450	49.5
	Trafford	1	1	100.0	3,320	1,978	59.6	3,245	1,956	60.3	3,194	1,839	57.6
	Wigan	1	1	100.0	4,090	2,473	60.5	3,824	2,414	63.1	3,808	2,250	59.1
Hertfordshire And The South Midlands	Bedford	1	1	100.0	2,461	1,129	45.9	2,461	1,146	46.6	2,478	1,251	50.5
	Central Bedfordshire	1	1	100.0	3,209	2,284	71.2	2,999	2,093	69.8	2,894	1,858	64.2
	Hertfordshire	1	1	100.0	16,145	9,832	60.9	15,814	9,323	59.0	15,572	8,727	56.0

Area Team	Local Authority	Response Rate			Year 1 (age 5-6 yrs)			Year 2 (age 6-7 yrs)			Year 3 (age 7-8 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
Hertfordshire And The South Midlands	Luton	1	1	100.0	3,398	1,132	33.3	3,299	978	29.6	3,342	1,026	30.7
	Milton Keynes	1	1	100.0	4,246	2,347	55.3	4,172	2,230	53.5	4,002	2,059	51.4
	Northamptonshire	1	1	100.0	8,956	5,541	61.9	8,806	5,300	60.2	8,832	5,093	57.7
Kent And Medway	Kent	1	1	100.0	19,232	8,568	44.6	19,522	7,744	39.7	19,365	7,674	39.6
	Medway	1	1	100.0	3,722	1,301	35.0	3,583	1,187	33.1	3,310	1,042	31.5
Lancashire	Blackburn With Darwen	1	1	100.0	2,257	789	35.0	2,182	720	33.0	2,271	693	30.5
	Blackpool	1	1	100.0	1,674	867	51.8	1,700	898	52.8	1,658	785	47.3
	Lancashire	1	1	100.0	11,084	5,847	52.8	10,991	5,430	49.4	11,005	5,202	47.3
Leicestershire And Lincolnshire	Leicester	1	1	100.0	4,667	1,484	31.8	4,664	1,423	30.5	4,608	1,367	29.7
	Leicestershire and Rutland	2	2	100.0	8,317	5,543	66.6	8,172	5,254	64.3	8,000	5,239	65.5
	Lincolnshire	1	1	100.0	8,607	5,269	61.2	8,400	5,047	60.1	8,283	5,649	68.2
London	Barking And Dagenham	1	1	100.0	3,841	1,496	38.9	3,858	1,457	37.8	3,638	1,470	40.4
	Barnet	1	1	100.0	4,849	2,467	50.9	4,671	2,251	48.2	4,604	2,032	44.1
	Bexley	1	1	100.0	3,520	1,932	54.9	3,387	1,849	54.6	3,300	1,607	48.7
	Brent	1	1	100.0	3,891	1,426	36.6	3,884	1,236	31.8	3,699	1,211	32.7
	Bromley	1	1	100.0	4,388	2,599	59.2	4,376	2,509	57.3	4,103	2,280	55.6
	Camden	1	1	100.0	2,036	831	40.8	1,893	706	37.3	1,875	608	32.4
	City and Hackney	2	2	100.0	3,003	953	31.7	2,857	896	31.4	2,763	880	31.8
	Croydon	1	1	100.0	5,221	2,489	47.7	5,243	2,468	47.1	5,054	2,275	45.0
	Ealing	1	1	100.0	4,653	1,953	42.0	4,738	1,821	38.4	4,658	1,761	37.8
	Enfield	1	1	100.0	4,853	1,777	36.6	4,717	1,984	42.1	4,875	1,890	38.8
	Greenwich	1	1	100.0	3,970	2,100	52.9	3,816	1,919	50.3	3,655	1,771	48.5
	Hammersmith And Fulham	1	1	100.0	1,700	643	37.8	1,667	557	33.4	1,708	570	33.4
	Haringey	1	1	100.0	3,180	1,263	39.7	3,235	1,193	36.9	3,165	1,095	34.6
	Harrow	1	1	100.0	3,057	1,651	54.0	3,268	1,554	47.6	3,065	1,416	46.2
	Havering	1	1	100.0	3,251	1,881	57.9	3,170	1,770	55.8	3,267	1,767	54.1
	Hillingdon	1	1	100.0	4,530	2,348	51.8	4,319	2,189	50.7	4,339	2,113	48.7
	Hounslow	1	1	100.0	3,997	1,826	45.7	3,930	1,729	44.0	4,177	1,775	42.5
	Islington	1	1	100.0	2,092	771	36.9	2,103	727	34.6	2,140	649	30.3
	Kensington And Chelsea	1	1	100.0	1,042	358	34.4	1,110	358	32.3	1,080	288	26.7
	Kingston Upon Thames	1	1	100.0	2,383	1,439	60.4	1,987	1,322	66.5	2,189	1,282	58.6
	Lambeth	1	1	100.0	2,921	1,329	45.5	2,944	1,248	42.4	3,058	1,221	39.9
	Lewisham	1	1	100.0	3,944	1,765	44.8	3,795	1,583	41.7	3,737	1,447	38.7
	Merton	1	1	100.0	2,897	1,631	56.3	2,907	1,597	54.9	2,784	1,428	51.3
	Newham	1	1	100.0	5,210	1,522	29.2	5,199	1,462	28.1	5,098	1,573	30.9
	Redbridge	1	1	100.0	4,572	1,776	38.8	4,448	1,615	36.3	4,371	1,423	32.6
	Richmond Upon Thames	1	1	100.0	3,009	2,032	67.5	3,082	1,997	64.8	3,046	1,888	62.0
	Southwark	1	1	100.0	3,820	1,818	47.6	3,616	1,651	45.7	3,441	1,592	46.3
	Sutton	1	1	100.0	2,632	1,644	62.5	2,620	1,542	58.9	2,640	1,495	56.6
	Tower Hamlets	1	1	100.0	3,648	959	26.3	3,682	799	21.7	3,540	779	22.0
	Waltham Forest	1	1	100.0	3,882	1,354	34.9	3,865	1,267	32.8	3,833	1,177	30.7
	Wandsworth	1	1	100.0	3,789	2,007	53.0	3,798	1,725	45.4	3,598	1,639	45.6
	Westminster	1	1	100.0	1,500	510	34.0	1,465	439	30.0	1,524	447	29.3
	Merseyside	Halton	1	1	100.0	1,499	784	52.3	1,575	873	55.4	1,465	775
Knowsley		1	1	100.0	1,909	1,099	57.6	1,833	1,057	57.7	1,844	965	52.3
Liverpool		1	1	100.0	5,427	3,067	56.5	5,283	2,949	55.8	5,158	2,785	54.0
Sefton		1	1	100.0	3,124	1,992	63.8	3,022	1,912	63.3	2,933	1,847	63.0
St. Helens		1	1	100.0	2,128	1,200	56.4	2,135	1,107	51.9	2,049	1,024	50.0
North Yorkshire And Humber	East Riding Of Yorkshire	1	1	100.0	3,540	2,620	74.0	3,548	2,663	75.1	3,525	2,559	72.6
	Kingston Upon Hull, City Of	1	1	100.0	3,377	2,114	62.6	3,307	2,025	61.2	3,237	1,886	58.3
	North East Lincolnshire	1	1	100.0	2,024	1,474	72.8	2,001	1,367	68.3	1,943	1,335	68.7
	North Lincolnshire	1	1	100.0	2,010	1,250	62.2	1,985	1,250	63.0	1,988	1,293	65.0
	North Yorkshire	1	1	100.0	6,215	4,051	65.2	6,217	3,917	63.0	6,123	3,738	61.0
	York	1	1	100.0	2,008	799	39.8	2,015	998	49.5	1,978	890	45.0
Shropshire And Staffordshire	Shropshire	1	1	100.0	3,105	2,120	68.3	3,074	2,119	68.9	3,121	2,098	67.2
	Staffordshire	1	1	100.0	9,855	6,201	62.9	9,927	6,239	62.8	9,549	5,914	61.9
	Stoke-On-Trent	1	1	100.0	3,486	1,943	55.7	3,270	1,810	55.4	3,269	1,754	53.7
	Telford And Wrekin	1	1	100.0	2,357	1,403	59.5	2,347	1,465	62.4	2,357	1,375	58.3
South Yorkshire And Bassetlaw	Barnsley	1	1	100.0	2,980	1,942	65.2	2,880	1,899	65.9	2,777	1,788	64.4
	Bassetlaw (Lower Tier LA),	1	1	100.0	1,284	848	66.0	1,281	852	66.5	1,229	792	64.4
	Doncaster	1	1	100.0	3,952	2,406	60.9	3,812	2,356	61.8	3,956	2,256	57.0
	Rotherham	1	1	100.0	3,342	2,210	66.1	3,419	2,250	65.8	3,335	2,102	63.0
	Sheffield	1	1	100.0	6,217	3,951	63.6	6,617	3,816	57.7	6,675	3,637	54.5
Surrey And Sussex	Brighton And Hove	1	1	100.0	2,937	1,718	58.5	3,018	1,677	55.6	2,903	1,539	53.0
	East Sussex	1	1	100.0	5,882	2,376	40.4	5,791	1,874	32.4	5,840	1,668	28.6
	Surrey	1	1	100.0	15,282	10,339	67.7	15,015	9,771	65.1	14,663	8,937	60.9
	West Sussex	1	1	100.0	10,055	6,345	63.1	9,841	6,026	61.2	9,825	5,728	58.3

Area Team	Local Authority	Response Rate			Year 1 (age 5-6 yrs)			Year 2 (age 6-7 yrs)			Year 3 (age 7-8 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
Thames Valley	Bracknell Forest	1	1	100.0	1,575	1,161	73.7	1,618	1,122	69.3	1,601	1,053	65.8
	Buckinghamshire	1	1	100.0	7,065	4,799	67.9	6,981	4,481	64.2	6,711	4,234	63.1
	Oxfordshire	1	1	100.0	8,524	5,819	68.3	8,098	5,190	64.1	7,797	4,914	63.0
	Reading	1	1	100.0	2,103	1,403	66.7	2,074	1,262	60.8	2,021	1,212	60.0
	Slough	1	1	100.0	2,532	1,108	43.8	2,469	1,072	43.4	2,469	987	40.0
	West Berkshire	1	1	100.0	2,129	1,641	77.1	2,063	1,523	73.8	2,026	1,454	71.8
	Windsor And Maidenhead	1	1	100.0	1,948	1,239	63.6	1,993	1,276	64.0	1,853	1,151	62.1
	Wokingham	1	1	100.0	2,316	1,723	74.4	2,353	1,716	72.9	2,210	1,589	71.9
Wessex	Bournemouth	1	1	100.0	2,171	1,259	58.0	2,068	1,116	54.0	2,121	1,063	50.1
	Dorset	1	1	100.0	4,249	2,709	63.8	4,393	2,594	59.0	4,444	2,566	57.7
	Hampshire	1	1	100.0	16,284	12,079	74.2	16,033	11,574	72.2	15,849	10,936	69.0
	Isle Of Wight	1	1	100.0	1,302	755	58.0	1,326	668	50.4	1,288	556	43.2
	Poole	1	1	100.0	1,687	1,043	61.8	1,766	1,050	59.5	1,562	870	55.7
	Portsmouth	1	1	100.0	2,476	1,730	69.9	2,494	1,692	67.8	2,405	1,536	63.9
	Southampton	1	1	100.0	3,216	2,055	63.9	2,995	1,791	59.8	2,875	1,670	58.1
West Yorkshire	Bradford	1	1	100.0	8,133	4,372	53.8	8,269	4,225	51.1	8,210	3,981	48.5
	Calderdale	1	1	100.0	2,765	1,767	63.9	2,914	1,844	63.3	2,825	1,716	60.7
	Kirklees	1	1	100.0	5,857	3,494	59.7	5,706	3,510	61.5	5,716	3,207	56.1
	Leeds	1	1	100.0	10,307	5,403	52.4	10,453	5,491	52.5	9,989	4,972	49.8
	Wakefield	1	1	100.0	4,383	2,699	61.6	4,403	2,696	61.2	4,180	2,452	58.7
<b>Total</b>		<b>153</b>	<b>153</b>	<b>100.0</b>	<b>679,976</b>	<b>385,164</b>	<b>56.6</b>	<b>671,172</b>	<b>365,395</b>	<b>54.4</b>	<b>662,839</b>	<b>347,069</b>	<b>52.4</b>

#### FOOTNOTES

This collection has received approval from the Standardisation Committee for Care Information (SCCI), the new national gateway body for care information collection requests.

1. Data is provisional and represents 100% of all Local Authorities (LAs) in England responding to the December 2016 survey. Where a total for England is quoted (e.g. sum of number of patients registered and number vaccinated) this is taken from the 100% 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 2016. Where denominators have not been amended by data providers, provisional Local Education Authority (LEA) population figures from the Edubase January 2016 Census were used (for School delivery). Denominators also include independent schools and special schools.

3. GP delivery was commissioned in Isles of Scilly, Swindon, and Gloucestershire Local Authorities. 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 2016 (GP delivery).

4. Coverage data reflects, to the best of providers' ability, all eligible children of school years 1, 2 and 3 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).

**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 : 2016-17

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

### Key Facts

Data for the December 2016 childhood influenza vaccine uptake report were collected from 1 September 2016 to 31 December 2016 inclusive.

153 of 153 (100%) local authorities in England offered the influenza vaccine (this includes both Live Attenuated Influenza Vaccine (LAIV) and Inactivated Influenza Vaccine (IIV) to healthy children of school years 1, 2 and 3 age either via a school, pharmacy or and GP practice.

### Data presentation

The target population for the national primary school age childhood influenza vaccination programme is defined as all children in school Year 1 (aged 5 rising to 6 yrs); Year 2 (aged 6 rising to 7 yrs); and Year 3 (aged 7 rising to 8 yrs) born between 1 September 2008 and 31 August 2011, as defined by child age on 1 September 2016.

The data presented are provisional estimates of all eligible children of school years 1, 2 and 3 age that have been vaccinated in the LA geography with influenza vaccine (LAIV or IIV) between 1 September 2016 and 31 December 2016.

For the 150 LAs 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 2016 using local education authority (LEA) population figures (i.e. school roll).

For the three LAs where the programme was commissioned for GP delivery only in the Isles of Scilly, Swindon, and Gloucestershire 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 at GP practices in 42 LAs and at pharmacies in five LAs alongside the school delivery model. 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)