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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 October 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 data from the first monthly collection of 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 October 2017 in targeted groups was as follows:

- 18.1 % in children school year reception age (4-5 yrs)
- 17.9 % in children school year 1 age (5-6 yrs)
- 17.5 % in children school year 2 age (6-7 yrs)
- 17.0 % in children school year 3 age (7-8 yrs)
- 16.2 % in children school year 4 age (8-9 yrs)

Table 1. Provisional end of October 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 October 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 [†]	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination [†]	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination [†]	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination [†]	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination [†]	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake
NHS England North (Cheshire and Merseyside)	9	9	100.0	25,594	5,686	22.2	29,099	5,795	19.9	29,080	5,537	19.0	28,604	5,174	18.1	27,876	5,321	19.1
NHS England North (Cumbria and North East)	13	13	100.0	34,747	4,523	13.0	35,253	4,473	12.7	35,730	4,592	12.9	35,327	4,433	12.5	34,621	4,200	12.1
NHS England North (Greater Manchester)	10	10	100.0	35,677	8,810	24.7	37,106	9,603	25.9	36,913	8,811	23.9	36,790	8,205	22.3	36,376	7,850	21.6
NHS England North (Lancashire)	3	3	100.0	16,348	1,365	8.3	17,935	1,279	7.1	18,438	1,285	7.0	18,154	1,259	6.9	17,835	1,228	6.9
NHS England North (Yorkshire and Humber)	16	16	100.0	66,069	11,533	17.5	68,901	11,952	17.3	68,913	11,952	17.3	68,792	11,713	17.0	67,422	11,392	16.9
NHS England Midlands and East (West Midlands)	10	10	100.0	53,020	10,612	20.0	55,227	10,466	19.0	55,460	10,384	18.7	54,563	10,523	19.3	54,020	8,643	16.0
NHS England Midlands and East (Central Midlands)	10	10	100.0	57,517	7,595	13.2	58,986	7,981	13.5	60,423	8,013	13.3	59,123	7,398	12.5	58,650	7,081	12.1
NHS England Midlands and East (East)	7	7	100.0	47,802	10,645	22.3	50,529	10,812	21.4	50,350	10,608	21.1	49,979	10,008	20.0	48,294	9,451	19.6
NHS England Midlands and East (North Midlands)	8	8	100.0	43,682	6,143	14.1	42,956	6,294	14.7	43,526	6,322	14.5	42,808	6,853	16.0	42,608	6,631	15.6
NHS England London	33	33	100.0	108,622	14,959	13.8	109,617	15,182	13.9	109,750	14,740	13.4	107,679	13,661	12.7	106,125	12,678	11.9
NHS England South (South Central)	12	12	100.0	42,355	12,359	29.2	44,467	11,753	26.4	45,073	11,630	25.8	43,520	10,797	24.8	42,958	9,686	22.5
NHS England South (South East)	6	6	100.0	50,747	10,174	20.0	52,733	11,663	22.1	52,260	11,426	21.9	49,759	10,472	21.0	50,915	10,238	20.1
NHS England South (South West)	9	8	88.9	36,213	6,607	18.2	36,241	6,677	18.4	36,386	6,676	18.3	35,626	6,331	17.8	35,207	6,339	18.0
NHS England South (Wessex)	7	7	100.0	28,522	6,339	22.2	30,869	6,151	19.9	31,340	6,143	19.6	30,875	5,742	18.6	30,262	5,270	17.4
TOTAL	153	152	99.3	646,915	117,350	18.1	669,919	120,081	17.9	673,642	118,119	17.5	661,599	112,569	17.0	653,169	106,008	16.2

FOOTNOTES

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

1. Data is provisional and represents 99.3% of all Local Authorities (LAs) in England responding to the September 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 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 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).

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 October 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 October 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 Organisation s	No. of Organisation making a return	% of organisations responding	Estimated total number of children eligible for vaccination ¹	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination ¹	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination ¹	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination ¹	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake	Estimated total number of children eligible for vaccination ¹	Estimated total number of children vaccinated with influenza vaccine	% Vaccine Uptake
Arden, Herefordshire And Worcestershire	4	4	100.0	19,327	5881	30.4	19,870	5,757	29.0	20,026	5,587	27.9	19,706	5,926	30.1	19,275	4,104	21.3
Bath, Gloucestershire, Swindon And Wiltshire	4	4	100.0	17,580	4,404	25.1	17,580	3,577	20.3	17,680	3,291	18.6	17,416	3,062	17.6	16,819	2,300	13.7
Birmingham And The Black Country	6	6	100.0	33,693	4,731	14.0	35,357	4,709	13.3	35,434	4,797	13.5	34,857	4,597	13.2	34,745	4,539	13.1
Bristol, North Somerset, Somerset And South Gloucestershire	4	4	100.0	17,552	2,737	15.6	17,580	2,855	16.2	17,550	2,798	15.9	17,397	2,753	15.8	16,909	2,727	16.1
Cheshire, Warrington And Wirral	4	4	100.0	14,141	2,588	18.3	14,912	2,633	17.7	14,944	2,526	16.9	14,756	2,326	15.8	14,478	2,398	16.6
Cumbria, Northumberland, Tyne And Wear	7	7	100.0	20,394	3,060	15.0	20,900	3,002	14.4	21,112	3,050	14.4	20,892	2,982	14.3	20,833	2,799	13.4
Derbyshire And Nottinghamshire	4	4	100.0	25,212	2,882	11.4	24,489	3,141	12.8	24,732	3,126	12.6	24,333	3,736	15.4	24,128	3,596	14.9
Devon, Cornwall And Isles Of Scilly	5	4	80.0	18,661	3,870	20.7	18,661	3,822	20.5	18,836	3,878	20.6	18,229	3,578	19.6	18,298	3,612	19.7
Durham, Darlington And Tees	6	6	100.0	14,353	1,463	10.2	14,353	1,471	10.2	14,618	1,542	10.5	14,435	1,451	10.1	13,788	1,401	10.2
East Anglia	4	4	100.0	26,103	5,686	21.8	28,830	5,774	20.0	28,649	5,759	20.1	28,392	5,393	19.0	27,056	5,073	18.8
Essex	3	3	100.0	21,699	4,959	22.9	21,699	5,038	23.2	21,701	4,849	22.3	21,587	4,615	21.4	21,238	4,378	20.6
Greater Manchester	10	10	100.0	35,677	8,810	24.7	37,106	9,603	25.9	36,913	8,811	23.9	36,790	8,205	22.3	36,376	7,850	21.6
Hertfordshire And The South Midlands	6	6	100.0	36,531	4,255	11.6	37,539	4,185	11.1	38,617	4,273	11.1	37,545	3,913	10.4	37,446	3,722	9.9
Kent And Medway	2	2	100.0	21,647	3,344	15.4	23,069	4,603	20.0	22,494	4,382	19.5	20,908	4,201	20.1	22,413	4,114	18.4
Lancashire	3	3	100.0	16,348	1,365	8.3	17,935	1,279	7.1	18,438	1,285	7.0	18,154	1,259	6.9	17,835	1,228	6.9
Leicestershire And Lincolnshire	4	4	100.0	20,986	3,340	15.9	21,447	3,796	17.7	21,806	3,740	17.2	21,578	3,485	16.2	21,204	3,359	15.8
London	33	33	100.0	108,622	14,959	13.8	109,617	15,182	13.9	109,750	14,740	13.4	107,679	13,661	12.7	106,125	12,678	11.9
Merseyside	5	5	100.0	11,453	3,098	27.0	14,187	3,162	22.3	14,136	3,011	21.3	13,848	2,848	20.6	13,398	2,923	21.8
North Yorkshire And Humber	6	6	100.0	18,709	3,133	16.7	19,474	3,229	16.6	19,246	3,198	16.6	19,180	3,030	15.8	18,891	3,002	15.9
Shropshire And Staffordshire	4	4	100.0	18,470	3,261	17.7	18,467	3,153	17.1	18,794	3,196	17.0	18,475	3,117	16.9	18,480	3,035	16.4
South Yorkshire And Bassetlaw	5	5	100.0	17,475	3,564	20.4	18,212	3,827	21.0	18,214	3,702	20.3	18,026	3,545	19.7	17,903	3,494	19.5
Surrey And Sussex	4	4	100.0	29,100	6,830	23.5	29,664	7,060	23.8	29,766	7,044	23.7	28,851	6,271	21.7	28,502	6,124	21.5
Thames Valley	8	8	100.0	24,775	7,955	32.1	26,887	8,176	30.4	27,393	8,339	30.4	26,104	7,735	29.6	26,139	7,386	28.3
Wessex	7	7	100.0	28,522	6,339	22.2	30,869	6,151	19.9	31,340	6,143	19.6	30,875	5,742	18.6	30,262	5,270	17.4
West Yorkshire	5	5	100.0	29,885	4,836	16.2	31,215	4,896	15.7	31,453	5,052	16.1	31,586	5,138	16.3	30,628	4,896	16.0
TOTAL	153	152	99.3	646,915	117,350	18.1	669,919	120,081	17.9	673,642	118,119	17.5	661,599	112,569	17.0	653,169	106,008	16.2

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Influenza Immunisation Vaccine Uptake Monitoring Programme
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Table 3. Provisional end of October 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 October 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	4,572	1,149	25.1	4,572	1,110	24.3	4,633	1,020	22.0	4,591	1,648	35.9	4,419	39	0.9
	Herefordshire, County Of	1	1	100	1,843	630	34.2	1,944	670	34.5	2,037	678	33.3	1,986	647	32.6	1,939	563	29.0
	Warwickshire	1	1	100	6,566	2,222	33.8	6,561	2,046	31.2	6,695	2,029	30.3	6,521	1,886	28.9	6,446	1,831	28.3
	Worcestershire	1	1	100	6,346	1,880	29.6	6,793	1,931	28.4	6,661	1,860	27.9	6,608	1,745	26.4	6,471	1,671	25.9
Bath, Gloucestershire, Swindon And Wiltshire	Bath And North East Somerset	1	1	100	1,890	496	26.2	1,890	489	25.9	1,931	517	26.8	1,890	560	29.6	1,860	513	27.6
	Gloucestershire	1	1	100	6,980	2,337	33.5	6,980	1,496	21.4	6,940	1,171	16.9	6,936	1,107	16.0	6,710	420	6.3
	Swindon	1	1	100	3,116	576	18.5	3,116	579	18.6	3,033	545	18.0	2,932	460	15.7	2,858	473	16.6
	Wiltshire	1	1	100	5,594	995	17.8	5,594	1,013	18.1	5,776	1,058	18.3	5,658	935	16.5	5,391	894	16.6
Birmingham And The Black Country	Birmingham	1	1	100	16,070	2,235	13.9	16,264	2,266	13.9	16,288	2,286	14.0	16,348	2,089	12.8	16,331	2,088	12.8
	Dudley	1	1	100	4,045	227	5.6	4,045	231	5.7	3,884	222	5.7	3,911	191	4.9	3,747	172	4.6
	Sandwell	1	1	100	4,638	670	14.4	4,597	625	13.6	4,639	672	14.5	4,584	630	13.7	4,592	600	13.1
	Solihull	1	1	100	1,702	764	44.9	2,958	743	25.1	2,964	766	25.8	2,778	840	30.2	2,772	845	30.5
	Walsall	1	1	100	3,850	320	8.3	3,850	328	8.5	3,844	339	8.8	3,733	341	9.1	3,789	364	9.6
	Wolverhampton	1	1	100	3,388	515	15.2	3,643	516	14.2	3,815	512	13.4	3,503	506	14.4	3,514	470	13.4
Bristol, North Somerset, Somerset And South Gloucestershire	North Somerset	1	1	100	2,449	435	17.8	2,449	454	18.5	2,533	467	18.4	2,464	429	17.4	2,402	423	17.6
	Somerset	1	1	100	5,990	986	16.5	6,018	1,060	17.6	6,119	993	16.2	6,255	1,031	16.5	6,107	1,034	16.9
	Bristol, City Of	1	1	100	5,600	831	14.8	5,600	811	14.5	5,463	834	15.3	5,266	752	14.3	5,054	795	15.7
	South Gloucestershire	1	1	100	3,513	485	13.8	3,513	530	15.1	3,435	504	14.7	3,412	541	15.9	3,346	475	14.2
Cheshire, Warrington And Wirral	Cheshire East	1	1	100	4,061	571	14.1	4,419	602	13.6	4,439	606	13.7	4,397	553	12.6	4,309	571	13.3
	Cheshire West And Chester	1	1	100	3,936	946	24.0	3,936	890	22.6	3,992	862	21.6	3,931	850	21.6	3,814	829	21.7
	Warrington	1	1	100	2,411	475	19.7	2,537	455	17.9	2,586	469	18.1	2,575	434	16.9	2,500	432	17.3
	Wirral	1	1	100	3,733	596	16.0	4,020	686	17.1	3,927	589	15.0	3,853	489	12.7	3,855	566	14.7
Cumbria, Northumberland, Tyne And Wear	Cumbria	1	1	100	5,066	1,120	22.1	5,066	1,111	21.9	5,188	1,110	21.4	5,184	1,041	20.1	5,262	976	18.5
	Gateshead	1	1	100	2,168	587	27.1	2,182	596	27.3	2,270	645	28.4	2,177	602	27.7	2,244	573	25.5
	Newcastle Upon Tyne	1	1	100	3,009	191	6.3	2,963	162	5.5	3,085	174	5.6	3,038	242	8.0	2,991	247	8.3
	North Tyneside	1	1	100	2,339	338	14.5	2,302	342	14.9	2,425	360	14.8	2,408	356	14.8	2,368	322	13.6
	Northumberland	1	1	100	3,153	0	0.0	3,385	0	0.0	3,237	0	0.0	3,209	0	0.0	3,144	0	0.0
	South Tyneside	1	1	100	1,656	340	20.5	1,733	325	18.8	1,683	305	18.1	1,695	275	16.2	1,699	276	16.2
	Sunderland	1	1	100	3,003	484	16.1	3,269	466	14.3	3,224	456	14.1	3,181	466	14.6	3,125	405	13.0
Derbyshire And Nottinghamshire	Derby	1	1	100	3,335	386	11.6	3,548	390	11.0	3,465	387	11.2	3,488	421	12.1	3,542	388	11.0
	Derbyshire	1	1	100	8,255	1,474	17.9	8,604	1,518	17.6	8,755	1,564	17.9	8,662	2,253	26.0	8,586	2,107	24.5
	Nottingham	1	1	100	3,855	278	7.2	3,855	285	7.4	3,986	320	8.0	3,840	360	9.4	3,829	340	8.9
	Nottinghamshire	1	1	100	9,767	744	7.6	8,482	948	11.2	8,526	855	10.0	8,343	702	8.4	8,171	761	9.3
	Kernow (Cornwall and Isles Of Scilly)	2	1	50	6,017	1,267	21.1	6,017	1,221	20.3	6,090	1,262	20.7	5,819	1,074	18.5	5,844	1,082	18.5
Devon, Cornwall And Isles Of Scilly	Devon	1	1	100	8,048	1,382	17.2	8,048	1,378	17.1	8,176	1,423	17.4	7,967	1,333	16.7	8,019	1,462	18.2
	Plymouth	1	1	100	3,148	710	22.6	3,148	692	22.0	3,124	660	21.1	3,022	693	22.9	3,006	644	21.4
	Torbay	1	1	100	1,448	511	35.3	1,448	531	36.7	1,446	533	36.9	1,421	478	33.6	1,429	424	29.7
	County Durham	1	1	100	5,628	514	9.1	5,628	479	8.5	5,806	540	9.3	5,792	531	9.2	5,474	512	9.4
Durham, Darlington And Tees	Darlington	1	1	100	1,314	178	13.5	1,314	164	12.5	1,298	166	12.8	1,337	171	12.8	1,323	170	12.8
	Hartlepool	1	1	100	1,190	49	4.1	1,190	63	5.3	1,206	70	5.8	1,175	52	4.4	1,189	54	4.5
	Middlesbrough	1	1	100	1,963	236	12.0	1,963	211	10.7	2,066	248	12.0	1,936	205	10.6	1,864	209	11.2
	Redcar And Cleveland	1	1	100	1,726	190	11.0	1,726	269	15.6	1,687	249	14.8	1,639	220	13.4	1,535	206	13.4
	Stockton-On-Tees	1	1	100	2,532	296	11.7	2,532	285	11.3	2,555	269	10.5	2,556	272	10.6	2,403	250	10.4
	Cambridgeshire	1	1	100	7,549	1,271	16.8	7,678	1,315	17.1	7,680	1,333	17.4	7,437	1,288	17.3	6,886	1,112	16.1
East Anglia	Norfolk	1	1	100	9,624	2,299	23.9	9,673	2,273	23.5	9,473	2,236	23.6	9,630	2,065	21.4	9,085	1,936	21.3
	Peterborough	1	1	100	836	405	48.4	3,146	405	12.9	3,094	413	13.3	3,145	373	11.9	2,875	357	12.4
	Suffolk	1	1	100	8,094	1,711	21.1	8,333	1,781	21.4	8,402	1,777	21.1	8,180	1,667	20.4	8,210	1,668	20.3
	Essex	1	1	100	17,022	3,958	23.3	17,022	3,969	23.3	16,998	3,865	22.7	16,984	3,660	21.5	16,616	3,408	20.5
Essex	Southend-On-Sea	1	1	100	2,153	386	17.9	2,153	415	19.3	2,208	386	17.5	2,221	384	17.3	2,200	391	17.8
	Thurrock	1	1	100	2,524	615	24.4	2,524	654	25.9	2,495	598	24.0	2,382	571	24.0	2,422	579	23.9

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	3,922	937	23.9	4,186	1,096	26.2	4,053	992	24.5	4,152	781	18.8	4,195	804	19.2
	Bury	1	1	100	2,426	665	27.4	2,547	688	27.0	2,518	679	27.0	2,501	661	26.4	2,461	656	26.7
	Manchester	1	1	100	7,001	1,048	15.0	7,030	1,635	23.3	7,112	1,061	14.9	7,121	891	12.5	7,044	836	11.9
	Oldham	1	1	100	3,471	968	27.9	3,423	844	24.7	3,531	906	25.7	3,524	980	27.8	3,541	898	25.4
	Rochdale	1	1	100	3,070	724	23.6	3,116	774	24.8	2,996	656	21.9	2,981	617	20.7	3,026	595	19.7
	Salford	1	1	100	3,040	598	19.7	3,393	638	18.8	3,337	622	18.6	3,246	567	17.5	2,923	553	18.9
	Stockport	1	1	100	3,715	1,440	38.8	3,831	1,463	38.2	3,733	1,441	38.6	3,665	1,365	37.2	3,754	1,326	35.3
	Tameside	1	1	100	3,023	980	32.4	3,158	963	30.5	3,073	929	30.2	3,197	949	29.7	2,996	863	28.8
	Trafford	1	1	100	2,315	590	25.5	2,604	658	25.3	2,571	589	22.9	2,526	586	23.2	2,557	544	21.3
	Wigan	1	1	100	3,694	860	23.3	3,818	844	22.1	3,989	936	23.5	3,877	808	20.8	3,879	775	20.0
Hertfordshire And The South Midlands	Bedford	1	1	100	2,280	295	12.9	2,280	287	12.6	2,268	275	12.1	2,304	307	13.3	2,259	300	13.3
	Central Bedfordshire	1	1	100	3,632	607	16.7	3,632	566	15.6	3,688	577	15.6	3,559	474	13.3	3,412	517	15.2
	Hertfordshire	1	1	100	14,494	1,563	10.8	15,423	1,559	10.1	16,087	1,594	9.9	15,768	1,562	9.9	15,437	1,471	9.5
	Luton	1	1	100	3,338	101	3.0	3,333	113	3.4	3,441	109	3.2	3,148	59	1.9	3,316	45	1.4
	Milton Keynes	1	1	100	3,888	437	11.2	3,828	437	11.4	4,016	477	11.9	3,670	276	7.5	3,883	257	6.6
	Northamptonshire	1	1	100	8,899	1,252	14.1	9,043	1,223	13.5	9,117	1,241	13.6	9,096	1,235	13.6	9,139	1,132	12.4
Kent And Medway	Kent	1	1	100	17,930	2,913	16.2	19,121	4,043	21.1	18,606	3,884	20.9	17,591	3,786	21.5	18,624	3,733	20.0
	Medway	1	1	100	3,717	431	11.6	3,948	560	14.2	3,888	498	12.8	3,317	415	12.5	3,789	381	10.1
Lancashire	Blackburn With Darwen	1	1	100	1,868	501	26.8	2,224	440	19.8	2,274	444	19.5	2,212	440	19.9	1,986	466	23.5
	Blackpool	1	1	100	1,342	69	5.1	1,574	65	4.1	1,676	65	3.9	1,712	74	4.3	1,660	76	4.6
	Lancashire	1	1	100	13,138	795	6.1	14,137	774	5.5	14,488	776	5.4	14,230	745	5.2	14,189	686	4.8
Leicestershire And Lincolnshire	Leicester	1	1	100	4,749	985	20.7	4,749	1,114	23.5	4,829	1,052	21.8	4,750	902	19.0	4,709	966	20.5
	Leicestershire and Rutland	2	2	100	8,251	1,213	14.7	8,251	1,257	15.2	8,415	1,287	15.3	8,260	1,296	15.7	8,046	1,215	15.1
	Lincolnshire	1	1	100	7,986	1,142	14.3	8,447	1,425	16.9	8,562	1,401	16.4	8,568	1,287	15.0	8,449	1,178	13.9
London	Barking And Dagenham	1	1	100	3,690	685	18.6	3,703	702	19.0	3,680	641	17.4	3,563	585	16.4	3,570	524	14.7
	Barnet	1	1	100	4,938	575	11.6	4,898	608	12.4	4,895	605	12.4	4,673	525	11.2	4,633	416	9.0
	Bexley	1	1	100	3,302	340	10.3	3,302	344	10.4	3,360	388	11.5	3,311	367	11.1	3,169	334	10.5
	Brent	1	1	100	3,929	15	0.4	3,929	21	0.5	4,016	15	0.4	3,961	28	0.7	3,830	33	0.9
	Bromley	1	1	100	4,022	754	18.7	4,022	703	17.5	4,075	686	16.8	4,069	693	17.0	3,804	592	15.6
	Camden	1	1	100	1,552	957	61.7	1,669	1,233	73.9	1,749	1,140	65.2	1,681	1,080	64.2	1,924	1,116	58.0
	City and Hackney	2	2	100	2,308	299	13.0	2,405	263	10.9	2,406	274	11.4	2,469	291	11.8	2,340	275	11.8
	Croydon	1	1	100	4,998	1,025	20.5	4,917	1,120	22.8	4,882	1,034	21.2	4,716	948	20.1	4,800	901	18.8
	Ealing	1	1	100	4,552	0	0.0	4,552	0	0.0	4,634	0	0.0	4,630	0	0.0	4,518	0	0.0
	Enfield	1	1	100	4,661	348	7.5	4,661	341	7.3	4,678	303	6.5	4,765	319	6.7	4,659	289	6.2
	Greenwich	1	1	100	3,939	616	15.6	3,955	538	13.6	3,937	566	14.4	3,808	497	13.1	3,660	441	12.0
	Hammersmith And Fulham	1	1	100	1,482	0	0.0	1,482	0	0.0	1,493	0	0.0	1,475	0	0.0	1,479	0	0.0
	Haringey	1	1	100	3,007	296	9.8	3,013	253	8.4	3,049	263	8.6	3,001	254	8.5	3,006	232	7.7
	Harrow	1	1	100	3,175	652	20.5	3,175	589	18.6	3,206	587	18.3	3,281	558	17.0	3,085	489	15.9
	Havering	1	1	100	3,427	676	19.7	3,436	647	18.8	3,342	663	19.8	3,224	559	17.3	3,238	502	15.5
	Hillingdon	1	1	100	4,224	420	9.9	4,224	389	9.2	4,267	360	8.4	4,100	272	6.6	4,171	294	7.0
	Hounslow	1	1	100	4,212	266	6.3	4,209	261	6.2	4,149	259	6.2	3,798	204	5.4	3,798	215	5.7
	Islington	1	1	100	2,228	187	8.4	2,232	180	8.1	2,259	183	8.1	2,223	152	6.8	2,227	162	7.3
	Kensington And Chelsea	1	1	100	963	0	0.0	963	0	0.0	970	0	0.0	1,011	0	0.0	991	0	0.0
	Kingston Upon Thames	1	1	100	2,177	826	37.9	2,215	878	39.6	2,173	820	37.7	2,153	668	31.0	2,195	667	30.4
	Lambeth	1	1	100	3,456	616	17.8	3,530	631	17.9	3,451	572	16.6	3,406	545	16.0	3,314	512	15.4
	Lewisham	1	1	100	4,287	529	12.3	4,143	596	14.4	4,167	633	15.2	4,178	575	13.8	4,122	488	11.8
	Merton	1	1	100	2,738	756	27.6	2,848	740	26.0	2,876	745	25.9	2,805	718	25.6	2,753	682	24.8
	Newham	1	1	100	4,912	602	12.3	5,079	624	12.3	5,075	600	11.8	4,983	532	10.7	4,999	489	9.8
	Redbridge	1	1	100	4,597	558	12.1	4,765	548	11.5	4,590	488	10.6	4,566	513	11.2	4,397	352	8.0
	Richmond Upon Thames	1	1	100	2,931	857	29.2	2,965	851	28.7	3,006	845	28.1	3,074	893	29.1	2,993	794	26.5
	Southwark	1	1	100	3,643	671	18.4	3,779	645	17.1	3,805	679	17.8	3,741	580	15.5	3,655	594	16.3
	Sutton	1	1	100	2,613	293	11.2	2,708	332	12.3	2,657	342	12.9	2,652	382	14.4	2,674	435	16.3
	Tower Hamlets	1	1	100	3,829	320	8.4	3,759	321	8.5	3,581	276	7.7	3,521	259	7.2	3,469	261	7.5
	Waltham Forest	1	1	100	3,496	713	20.4	3,773	725	19.2	3,858	658	17.1	3,568	605	17.0	3,531	529	15.0
	Wandsworth	1	1	100	3,917	107	2.7	3,889	99	2.5	3,897	115	3.0	3,675	59	1.6	3,579	60	1.7
	Westminster	1	1	100	1,417	0	0.0	1,417	0	0.0	1,544	0	0.0	1,538	0	0.0	1,542	0	0.0

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	1,523	240	15.8	1,549	204	13.2	1,512	170	11.2	1,597	195	12.2	1,471	158	10.7
	Knowsley	1	1	100	1,891	447	23.6	1,944	505	26.0	1,909	463	24.3	1,826	412	22.6	1,851	446	24.1
	Liverpool	1	1	100	2,980	1,584	53.2	5,678	1,636	28.8	5,517	1,631	29.6	5,286	1,427	27.0	5,021	1,424	28.4
	Sefton	1	1	100	2,974	363	12.2	2,981	370	12.4	3,100	306	9.9	3,027	377	12.5	2,992	489	16.3
	St. Helens	1	1	100	2,085	464	22.3	2,035	447	22.0	2,098	441	21.0	2,112	437	20.7	2,063	406	19.7
North Yorkshire And Humber	East Riding Of Yorkshire	1	1	100	3,399	1,211	35.6	3,773	1,273	33.7	3,573	1,237	34.6	3,595	1,240	34.5	3,543	1,197	33.8
	Kingston Upon Hull, City Of	1	1	100	3,363	669	19.9	3,575	703	19.7	3,390	669	19.7	3,294	623	18.9	3,273	671	20.5
	North East Lincolnshire	1	1	100	1,991	461	23.2	2,043	454	22.2	2,067	480	23.2	2,027	447	22.1	1,991	416	20.9
	North Lincolnshire	1	1	100	1,871	459	24.5	1,960	446	22.8	1,960	429	21.9	1,938	356	18.4	1,945	350	18.0
	North Yorkshire	1	1	100	6,137	223	3.6	6,137	243	4.0	6,215	255	4.1	6,285	219	3.5	6,122	251	4.1
	York	1	1	100	1,948	110	5.6	1,986	110	5.5	2,041	128	6.3	2,041	145	7.1	2,017	117	5.8
Shropshire And Staffordshire	Shropshire	1	1	100	3,105	434	14.0	3,209	446	13.9	3,190	419	13.1	3,263	416	12.7	3,350	362	10.8
	Staffordshire	1	1	100	9,559	1,587	16.6	9,559	1,524	15.9	9,706	1,512	15.6	9,564	1,452	15.2	9,441	1,499	15.9
	Stoke-On-Trent	1	1	100	3,359	603	18.0	3,359	655	19.5	3,437	689	20.0	3,255	680	20.9	3,280	630	19.2
	Telford And Wrekin	1	1	100	2,447	637	26.0	2,340	528	22.6	2,461	576	23.4	2,393	569	23.8	2,409	544	22.6
South Yorkshire And Bassetlaw	Barnsley	1	1	100	3,001	1,004	33.5	3,001	1,058	35.3	3,012	1,027	34.1	2,904	926	31.9	2,781	937	33.7
	Bassetlaw (Lower Tier LA),	1	1	100	1,271	465	36.6	1,398	530	37.9	1,327	496	37.4	1,351	457	33.8	1,306	408	31.2
	Doncaster	1	1	100	3,513	397	11.3	3,667	429	11.7	3,833	427	11.1	3,726	437	11.7	3,773	421	11.2
	Rotherham	1	1	100	3,173	388	12.2	3,368	390	11.6	3,355	404	12.0	3,426	425	12.4	3,370	399	11.8
	Sheffield	1	1	100	6,517	1,310	20.1	6,778	1,420	21.0	6,887	1,348	20.2	6,619	1,300	19.6	6,673	1,329	19.9
Surrey And Sussex	Brighton And Hove	1	1	100	2,746	710	25.9	2,559	803	31.4	2,644	813	30.7	2,576	676	26.2	2,703	650	24.0
	East Sussex	1	1	100	6,028	1,164	19.3	6,083	1,125	18.5	6,121	1,160	19.0	5,401	1,057	19.6	5,884	1,058	18.0
	Surrey	1	1	100	10,570	2,684	25.4	11,134	2,865	25.7	11,132	2,829	25.4	10,960	2,444	22.3	10,380	2,287	22.0
	West Sussex	1	1	100	9,756	2,272	23.3	9,888	2,267	22.9	9,869	2,242	22.7	9,914	2,094	21.1	9,535	2,129	22.3
Thames Valley	Bracknell Forest	1	1	100	1,496	402	26.9	1,547	434	28.1	1,498	431	28.8	1,435	439	30.6	1,542	456	29.6
	Buckinghamshire	1	1	100	6,673	1,787	26.8	6,923	1,845	26.7	7,084	1,933	27.3	6,993	1,732	24.8	6,895	1,679	24.4
	Oxfordshire	1	1	100	7,710	2,830	36.7	7,896	2,904	36.8	8,207	3,026	36.9	7,865	2,701	34.3	7,512	2,521	33.6
	Reading	1	1	100	2,014	489	24.3	2,044	493	24.1	2,043	499	24.4	1,984	452	22.8	1,930	453	23.5
	Slough	1	1	100	1,156	438	37.9	2,461	439	17.8	2,487	445	17.9	2,249	440	19.6	2,409	392	16.3
	West Berkshire	1	1	100	1,836	583	31.8	1,871	634	33.9	2,051	631	30.8	1,732	583	33.7	1,858	592	31.9
	Windsor And Maidenhead	1	1	100	1,682	618	36.7	1,786	626	35.1	1,812	603	33.3	1,757	619	35.2	1,816	605	33.3
Wessex	Wokingham	1	1	100	2,208	808	36.6	2,359	801	34.0	2,211	771	34.9	2,089	769	36.8	2,177	688	31.6
	Bournemouth	1	1	100	2,080	249	12.0	2,188	235	10.7	2,181	182	8.3	2,057	182	8.8	2,079	178	8.6
	Dorset	1	1	100	3,428	751	21.9	4,071	744	18.3	4,219	720	17.1	4,273	560	13.1	4,330	540	12.5
	Hampshire	1	1	100	14,920	4,051	27.2	16,076	3,968	24.7	16,384	4,062	24.8	16,089	3,615	22.5	15,831	3,347	21.1
	Isle Of Wight	1	1	100	1,352	282	20.9	1,352	235	17.4	1,342	246	18.3	1,359	216	15.9	1,306	179	13.7
	Poole	1	1	100	1,343	170	12.7	1,709	177	10.4	1,695	157	9.3	1,723	265	15.4	1,556	188	12.1
	Portsmouth	1	1	100	2,441	373	15.3	2,441	338	13.8	2,388	349	14.6	2,412	492	20.4	2,303	366	15.9
	Southampton	1	1	100	2,958	463	15.7	3,032	454	15.0	3,131	427	13.6	2,962	412	13.9	2,857	472	16.5
West Yorkshire	Bradford	1	1	100	7,601	614	8.1	7,964	651	8.2	8,234	661	8.0	8,347	624	7.5	8,063	651	8.1
	Calderdale	1	1	100	2,692	525	19.5	2,935	574	19.6	2,846	524	18.4	2,971	588	19.8	2,886	502	17.4
	Kirklees	1	1	100	5,559	1,354	24.4	5,744	1,428	24.9	5,897	1,497	25.4	5,728	1,585	27.7	5,734	1,517	26.5
	Leeds	1	1	100	9,863	1,763	17.9	10,402	1,639	15.8	10,261	1,729	16.9	10,333	1,672	16.2	9,962	1,581	15.9
	Wakefield	1	1	100	4,170	580	13.9	4,170	604	14.5	4,215	641	15.2	4,207	669	15.9	3,983	645	16.2
Total		153	152	99.3	646,915	117,350	18.1	669,919	120,081	17.9	673,642	118,119	17.5	661,599	112,569	17.0	653,169	106,008	16.2

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

1. Data is provisional and represents 99.3% of all Local Authorities (LAs) in England responding to the September 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 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 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).



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 October 2017 childhood influenza vaccine uptake report were collected from 1 September 2017 to 31 October 2017 inclusive.

152 of 153 (99%) Local Authorities (LAs) in England (152/152 LAs plus Lower Tier Bassetlaw LA) responded to the October survey.

147 of 153 (96%) 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. Five LAs reported that they had not started their vaccination campaigns and one LA was unable to provide data.

Due data extraction issues, GP level data from the Isles of Scilly (within the Kernow LA) are not available in this report.

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 October 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 44 LAs at GP practices/pharmacies/other settings 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)