



## Infection report

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### Shingles vaccine coverage report, England, September 2014 to February 2015

*Coverage of the shingles vaccine in routine and catch-up cohorts for the first half of the 2014/15 programme is comparable to that recorded for the same time period last year.*

#### Introduction

A report describing the first three months of the second year (September 2014 to November 2014) of the herpes zoster (shingles) vaccination programme in England was published in January 2015 [1]. Here we present data for the first six months of the second year of this national immunisation programme which started on 1 September 2014.

This year (1 September 2014 to 31 August 2015) the shingles vaccine should be offered to patients aged 70 years for the routine programme (born between 2 September 1943 and 1 September 1944) and patients aged 78 and 79 years (born between 2 September 1934 and 1 September 1936) for the catch-up programme. Eligibility is determined by the patient's age on 1 September 2014. From 1 September 2014 GPs may continue to offer immunisation to all those who became eligible as 70 year-olds from 1 September 2013 but have not yet been immunised [2]. The programme aims to reduce the incidence and severity of shingles by boosting individuals' pre-existing varicella zoster virus immunity.

As a live viral vaccine, the shingles vaccine is contraindicated for individuals with severe immunosuppression either as a result of combination immunosuppressive therapies or due to a known primary or acquired immunodeficiency state such as leukaemia or lymphoma. It is also contraindicated for pregnant women. It is important to assess the eligibility of individuals prior to offering the shingles vaccine. Whilst a number of individuals in the eligible cohort are likely to have underlying medical conditions, many are likely to benefit and therefore prior assessment is essential to ensure individuals who can benefit from the vaccine are not excluded [3,4].

#### Methods

Aggregated GP practice level shingles vaccine coverage data are automatically uploaded via participating GP IT suppliers to the ImmForm\* website on a monthly and annual basis. The ImmForm website provides a secure platform for vaccine coverage collections and these data collections are monitored, validated and analysed by PHE.

#### Results

In total 7,583/ 7,817 (97.0%) GP practices reported shingles vaccine coverage data in February 2015 (compared to 94.1% of GP practices in November 2014). This ranged from 90.2% of practices in Kent and Medway Area Team, to 99.7% of practices in West Yorkshire Area Team (see table).

\* ImmForm is the system used by Public Health England to record vaccine coverage data for some immunisation programmes and to provide vaccine ordering facilities for the NHS.

**Cumulative shingles vaccine coverage in England by age cohort and Area Team: 1 September 2014 to 28 February 2015**

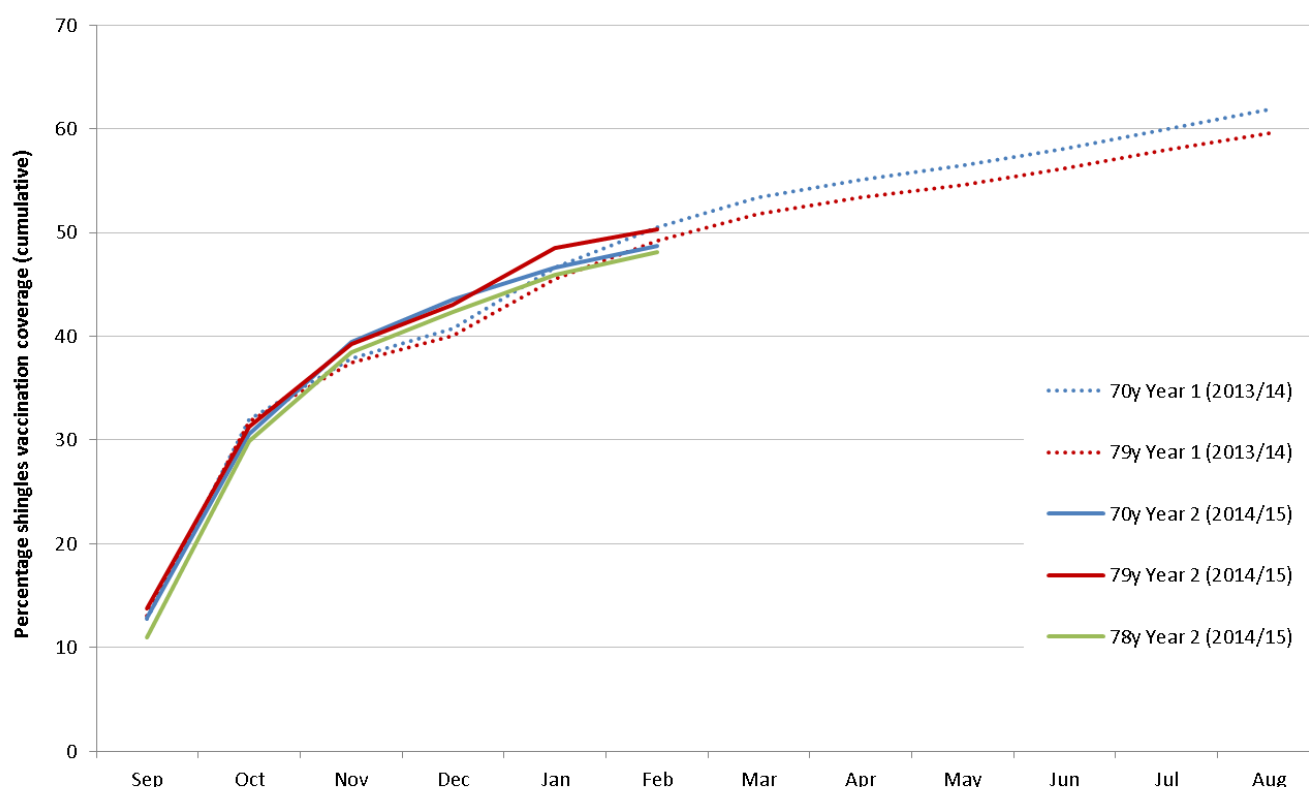
Area Team (code)	Per cent of practices reporting data in Feb. 2015	Percentage of age cohort vaccinated to end February 2015		
		Routine 70 years	Catch-up 79 years	Catch-up 78 years
Cheshire, Warrington and Wirral (Q44)	95.8	52.2	57.1	53.4
Durham, Darlington and Tees (Q45)	97.1	50.5	49.5	48.3
Greater Manchester (Q46)	91.7	47.0	47.3	45.7
Lancashire (Q47)	99.6	48.7	50.4	49.6
Merseyside (Q48)	93.5	45.6	49.4	47.0
Cumbria, Northumberland, Tyne and Wear (Q49)	96.7	51.7	54.2	52.2
N Yorkshire and Humber (Q50)	97.4	49.2	49.9	48.2
S Yorkshire and Bassetlaw (Q51)	98.6	49.8	48.7	47.9
W Yorkshire (Q52)	99.7	51.7	51.2	48.4
Arden, Herefordshire and Worcestershire (Q53)	97.8	50.2	54.1	51.9
Birmingham and Black Country (Q54)	94.9	44.7	47.4	44.9
Derbyshire and Notts. (Q55)	99.3	53.1	51.6	49.2
East Anglia (Q56)	97.6	53.8	53.0	50.9
Essex (Q57)	98.1	43.6	44.8	42.1
Hertfordshire and the S Midlands (Q58)	97.1	52.6	51.9	50.1
Leicestershire and Lincolnshire (Q59)	99.2	53.6	54.2	51.7
Shropshire and Staffordshire (Q60)	93.8	49.1	51.8	48.9
Bath, Gloucestershire, Swindon and Wiltshire (Q64)	99.0	51.4	52.3	50.0
Bristol, N Somerset, Somerset and S Gloucestershire (Q65)	97.8	50.1	51.6	49.8
Devon, Cornwall and Scilly Isles (Q66)	94.3	50.6	52.2	50.4
Kent and Medway (Q67)	90.2	46.7	49.2	48.6
Surrey and Sussex (Q68)	99.1	45.8	48.7	45.6
Thames Valley (Q69)	98.7	50.5	53.6	53.1
Wessex (Q70)	99.1	51.3	54.3	51.7
London (Q71)	98.3	38.6	43.1	39.6
<b>ENGLAND</b>	97.0	48.7	50.3	48.1

Overall coverage of the shingles vaccination programme in England in February 2015 was 48.7% for the routine 70 year-old cohort (compared to 50.5% at the same point in 2014), 50.3% in the 79 year-old catch-up cohort (compared to 49.2% at the same point in 2014), and 48.1% in the 78 year-old catch-up cohort (see figure). The same coverage was observed for males and females (48.3%) for those aged 70 years. Higher coverage was observed in males as

compared to females in the catch-up cohorts (79 years: 49.4 vs. 45.1%, 78 years: 49.7 vs. 45.9%).

Coverage by Area Team ranged from 38.7% (London) to 57.1% (East Anglia) for the routine 70 year-old cohort, 43.1% (London) to 57.1% (Cheshire, Warrington and Wirral) for the 79 year-old catch-up cohort and 39.6% (London) to 53.4% (Cheshire, Warrington and Wirral) for the 78 year-old catch-up cohort. All but one Area Team achieved  $\geq 40\%$  coverage for all three cohorts. Coverage estimates for Clinical Commissioning Group (CCG) by age cohort are available as an appendix to this report [5].

#### **Cumulative shingles vaccine coverage in England by age cohort, September 2014 to February 2015 (Year 2), and September 2013 to August 2014 (Year 1)**



#### **References**

1. "Shingles vaccine coverage report, England, September to November 2014". Available at: [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/397892/hpr0315\\_shngls.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/397892/hpr0315_shngls.pdf)
2. PHE. Shingles immunisation programme letter. 20 August 2014. Available at: <https://www.gov.uk/government/publications/shingles-immunisation-programme-letter>
3. PHE. Shingles vaccination programme – one year on. *Vaccine Update*. 2014 (issue 223). Available at: [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/390117/PHE\\_9173\\_VU\\_223\\_Dec\\_2014\\_11.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/390117/PHE_9173_VU_223_Dec_2014_11.pdf)
4. PHE. Shingles (herpes zoster): the green book, Chapter 28a. 2014. Available at: [https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/357155/Green\\_Book\\_Chapter\\_28a\\_v0\\_5.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/357155/Green_Book_Chapter_28a_v0_5.pdf)
5. Shingles vaccine coverage report, England, September 2014 to February 2015, appendix: "Vaccine coverage in England by age cohort and Clinical Commissioning Group (CCG), 1 September 2014 to 28 February 2015".