

## Appendix 2

### Immunisations

The complete immunisation schedule can be found at <https://www.gov.uk/government/publications/the-complete-routine-immunisation-schedule>.

#### Annual Childhood Immunisations by Local Authority (Leicestershire)

Cohort	Indicator	Lower threshold <sup>1</sup>	Standard <sup>2</sup>	Key	Geography	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
12 months	D03b - Population vaccination coverage: Hepatitis B (1 year old) <sup>3</sup>	N/A	N/A	N/A	Leicestershire England				50.0	80.0	100.0	91.7	100.0	91.7	90.0	100.0	100.0	100.0
	D03c - Population vaccination coverage: Dtap IPV Hib (1 year old) <sup>4</sup>	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	96.4	97.7	97.9	97.9	97.5	97.2	97.3	96.9	96.8	96.4	96.3	95.9	96.1
	D03d - Population vaccination coverage: MenB (1 year)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	94.2	94.7	94.7	94.3	94.2	93.6	93.4	93.1	92.1	92.6	92.0	91.8	91.8
	D03e - Population vaccination coverage: Rotavirus (Rota) (1 year)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England							94.7	94.3	94.8	94.3	94.6	94.4	93.7
	D03f - Population vaccination coverage: PCV	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	96.2	97.4	97.7	97.7	97.3	97.1	97.3	97.0	97.1	96.8		97.2	97.2
						England	93.6	94.2	94.4	94.1	93.9	93.5	93.5	93.3	92.8	93.2		93.8
24 months	D03g - Population vaccination coverage: Hepatitis B (2 years old) <sup>3</sup>	N/A	N/A	N/A	Leicestershire England				90.9	61.9	60.0	64.3	100.0	81.8	100.0	91.7	90.0	100.0
	D03h - Population vaccination coverage: Dtap IPV Hib (2 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	98.1	98.5	98.8	98.9	98.7	98.2	98.2	98.2	97.6	97.0	97.0	96.7	96.1
	D03i - Population vaccination coverage: MenB booster (2 years)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	96.0	96.1	96.3	96.1	95.7	95.2	95.1	95.1	94.2	93.8	93.8	93.0	92.6
	D03j - Population vaccination coverage: MMR for one dose (2 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England									94.5	94.8	95.1	94.4	93.8
	D03k - Population vaccination coverage: PCV booster	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	91.8	94.6	96.0	96.7	96.8	96.1	96.2	96.2	95.8	95.8	96.1	94.9	94.9
	D03l - Population vaccination coverage: Hib and MenC booster (2 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	89.1	91.2	92.3	92.7	92.3	91.9	91.6	91.2	90.3	90.6	90.3	89.2	89.3
	D03m - Population vaccination coverage: Hib and MenC booster (2 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	92.8	95.7	96.7	96.9	96.9	96.3	96.2	96.5	96.0	95.9	96.1	95.1	94.5
5 years	D04a - Population vaccination coverage: DTaP and IPV booster (5 years)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	89.3	91.5	92.5	92.4	92.2	91.5	91.5	91.0	90.2	90.4	90.1	89.3	88.5
	D04b - Population vaccination coverage: MMR for one dose (5 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	95.6	97.3	96.9	97.2	97.0	96.4	96.1	96.5	95.9	95.8	95.9	95.0	94.6
	D04c - Population vaccination coverage: MMR for two doses (5 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England	91.6	92.3	92.7	92.5	92.1	91.6	91.5	91.2	90.4	90.5	89.8	89.0	88.7
	D04d - Population vaccination coverage: MMR for two doses (5 years old)	90	95	< 90 90 - 95 ≥ 95	Leicestershire England						92.2	92.2	92.9	92.0	92.4	93.3	92.7	89.8
					England	95.1	95.9	96.7	96.8	97.6	97.9	98.3	98.1	97.8	97.8	97.7	97.1	96.8
					England	91.9	92.9	93.9	94.1	94.4	94.8	95.0	94.9	94.5	94.5	94.3	93.4	92.5
					England	90.7	92.5	93.5	94.2	94.7	93.5	93.8	93.8	94.0	94.4	95.0	94.0	91.9
					England	84.2	86.0	87.7	88.3	88.6	88.2	87.6	87.2	86.4	86.8	86.6	85.7	84.5

Source: Public Health Outcomes Framework

<sup>1</sup> Lower threshold based on the latest Public Health Functions Agreement

<sup>2</sup> Standard is the clinical standard required to control disease and ensure patient safety.

<sup>3</sup> Hepatitis B data is unavailable for England

<sup>4</sup> D03c includes HepB from Q2 2018/19

### Annual Other Immunisations by Local Authority (Leicestershire)

Indicator	Lower threshold <sup>1</sup>	Standard <sup>2</sup>	Key	Geography	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
D04e - Population vaccination coverage: HPV vaccination coverage for one dose (12 to 13 year old) (Female)	80	90	< 80 80 - 90 ≥ 90	Leicestershire				96.7	93.5	95.7	93.5	91.4	91.5	84.7	79.3	78.3	
				England				91.1	89.4	87.0	87.2	86.9	88.0	59.2	76.7	69.6	
D04e - Population vaccination coverage: HPV vaccination coverage for one dose (12 to 13 year old) (Male)	80	90	< 80 80 - 90 ≥ 90	Leicestershire										78.7	70.8	71.1	
				England										54.4	71.0	62.4	
D04f - Population vaccination coverage: HPV vaccination coverage for two doses (13 to 14 year old) (Female)	80	90	< 80 80 - 90 ≥ 90	Leicestershire						85.3	90.7	91.9	89.5	87.5	80.7	77.1	
				England						85.1	83.1	83.8	83.9	64.7	60.6	67.3	
D04f - Population vaccination coverage: HPV vaccination coverage for two doses (13 to 14 year old) (Male)	80	90	< 80 80 - 90 ≥ 90	Leicestershire											74.7	70.9	
				England											54.4	62.4	
D04g - Population vaccination coverage: Meningococcal ACWY conjugate vaccine (MenACWY) (14 to 15 years)	80	90	< 80 80 - 90 ≥ 90	Leicestershire							86.9	94.2	92.8	93.0	85.9	88.4	
				England							82.5	84.6	86.7	87.0	80.9	79.6	
D06b - Population vaccination coverage: PPV	65	75	< 65 65 - 75 ≥ 75	Leicestershire	72.6	66.2	70.1	70.2	71.8	72.7	72.4	71.7	71.5	71.3	71.9		
				England	70.5	68.3	69.1	68.9	69.8	70.1	69.8	69.5	69.2	69.0	70.6		
D06a - Population vaccination coverage: Flu (aged 65 and over)	N/A	N/A	NA	Leicestershire	72.2	73.2	72.7	73.7	73.7	71.9	72.5	74.5	73.4	74.1	83.5	85.5	83.7
				England	72.8	74.0	73.4	73.2	72.7	71.0	70.5	72.9	72.0	72.4	80.9	82.3	79.9
D05 - Population vaccination coverage: Flu (at risk individuals)	N/A	N/A	NA	Leicestershire	47.8	48.4	48.7	50.7	48.9	42.6	48.3	49.0	47.7	40.0	55.1	56.9	53.4
				England	50.4	51.6	51.3	52.3	50.3	45.1	48.6	49.7	48.0	44.9	53.0	52.9	49.1
D03l - Population vaccination coverage: Flu (2 to 3 years old)	N/A	N/A	NA	Leicestershire					51.9	49.7	51.9	61.4	61.5	55.7	68.9	60.4	48.9
				England					39.9	36.6	40.2	44.0	44.9	43.8	56.7	50.1	43.7
D04d - Population vaccination coverage: Flu (primary school aged children) <sup>3</sup>	N/A	N/A	NA	Leicestershire											65.8	67.7	62.3
				England											60.4	62.5	57.4
D06c - Population vaccination coverage: Shingles vaccination coverage (71 years) <sup>4</sup>	50	60	< 50 50 - 60 ≥ 60	Leicestershire										49.8	48.8	47.3	49.8
				England										49.1	48.2	42.1	44.0

Source: Public Health Outcomes Framework

<sup>1</sup> Lower threshold based on the latest Public Health Functions Agreement

<sup>2</sup> Standard is the clinical standard required to control disease and ensure patient safety.

<sup>3</sup> Calendar year data for D04d is mapped to the closest financial year e.g. 2019 -> 2019/20

<sup>4</sup> In 2018/19 the Shingles vaccination coverage was expanded to 71 years old

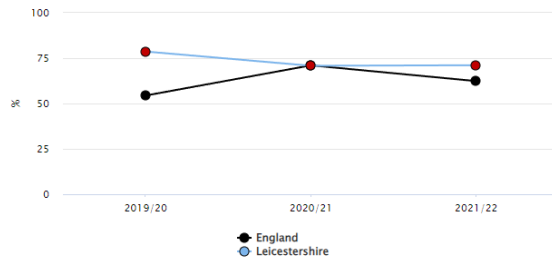
HPV

Population vaccination coverage: HPV vaccination coverage for one dose (12 to 13 year old) (Male)

Proportion - %

[Show confidence intervals](#) [Show 99.8% CI values](#)

[More options](#)



Recent trend: Could not be calculated

Benchmarking against goal: ◼ <80% ◼ 80% to 90% ◼ ≥90%

Period	Count	Value	Leicestershire		England
			95% Lower CI	95% Upper CI	
2019/20	3,585	78.7%	77.4%	79.8%	54.4%
2020/21	3,225	70.8%	69.4%	72.1%	71.0%
2021/22	3,200	71.1%	69.8%	72.4%	62.4%

Source: UK Health Security Agency (UKHSA)

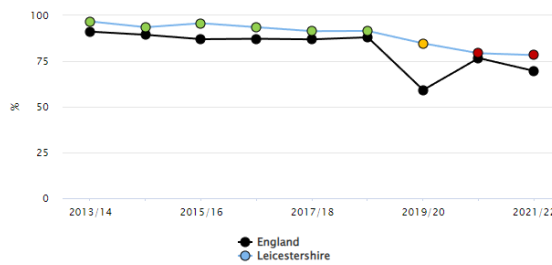
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Population vaccination coverage: HPV vaccination coverage for one dose (12 to 13 year old) (Female)

Proportion - %

[Show confidence intervals](#) [Show 99.8% CI values](#)

[More options](#)



Recent trend: ▼ Decreasing & getting worse

Benchmarking against goal: ◼ <80% ◼ 80% to 90% ◼ ≥90%

Period	Count	Value	Leicestershire		England
			95% Lower CI	95% Upper CI	
2013/14	3,510	96.7%	96.1%	97.2%	91.1%
2014/15	3,419	93.5%	92.7%	94.3%	89.4%
2015/16	3,426	95.7%	95.0%	96.3%	87.0%
2016/17	3,561	93.5%	92.7%	94.3%	87.2%
2017/18	3,584	91.4%	90.5%	92.2%	86.9%
2018/19	3,734	91.5%	90.6%	92.3%	88.0%
2019/20	3,440	84.7%	83.6%	85.8%	59.2%
2020/21	3,219	79.3%	78.0%	80.5%	76.7%
2021/22	3,170	78.3%	77.0%	79.5%	69.6%

Source: UK Health Security Agency (UKHSA)

[Indicator Definitions and Supporting Information](#)

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