

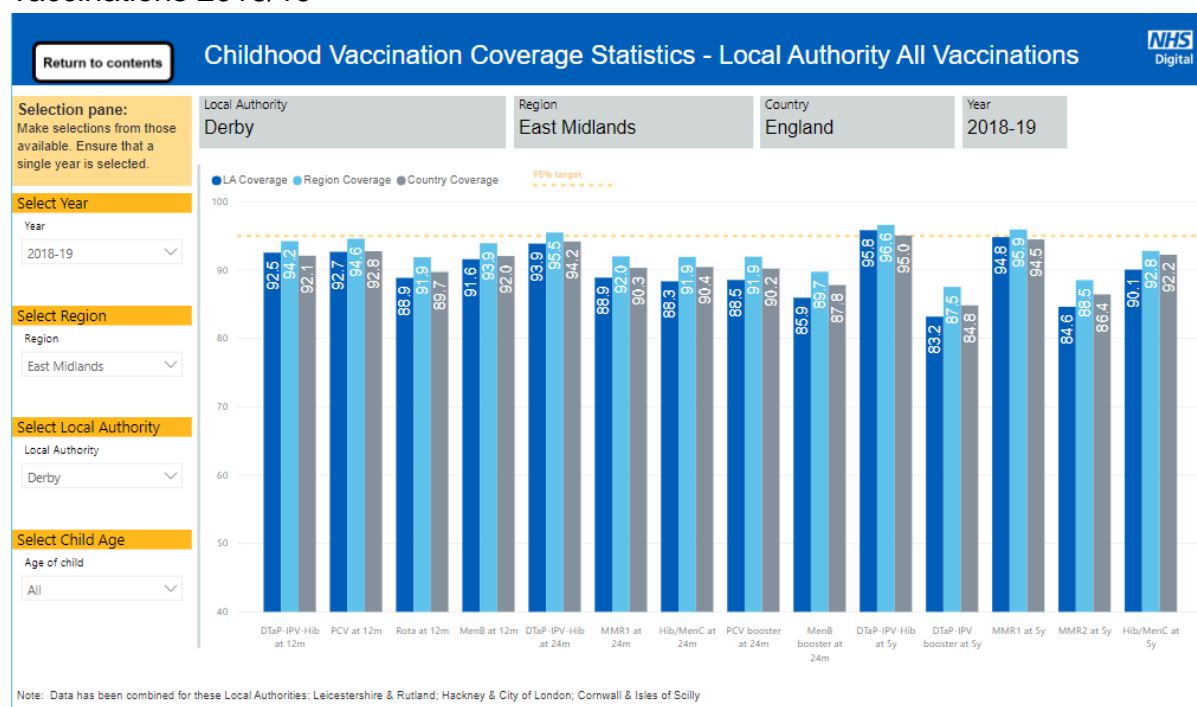
Item 10 Vaccination programme effectiveness - Appendices

Appendix 1 – PHE childhood routine vaccinations

Summary of routine vaccinations up to the age of five years old

Disease (Vaccine)	Age	Notes	Coverage*		
			12m	24m	5yr
Diphtheria, tetanus, pertussis, polio and <i>Haemophilus influenzae</i> type b (DTaP/IPV/Hib)**	1 st dose: 8 weeks 2 nd dose: 12 weeks 3 rd dose: 16 weeks	Primary course	✓	✓	✓
Diphtheria, tetanus, pertussis and polio (DTaP/IPV)	3 years/4 months to 5 years	Booster: 3 years after completion of primary course			✓
Pneumococcal disease (PCV)	1 st dose: 8 weeks 2 nd dose: 16 weeks One year	Primary course Booster	✓		
Rotavirus	1 st dose: 8 weeks 2 nd dose: 12 weeks	Primary course (has to be completed before 24 weeks of age)	✓		
Meningococcal group B (MenB) (from September 2015)	1 st dose: 8 weeks 2 nd dose: 16 weeks One year	Primary course Booster	✓	✓	
<i>Haemophilus Influenzae</i> type b and meningococcal group C (Hib/MenC)	One year	MenC primary Hib booster		✓	✓
Measles/mumps/rubella (MMR)	One year 3 years/4 months to 5 years	First dose Second dose		✓	✓
Children's flu vaccine (2018-19)	Aged 2 to 9 years on 31/08/2018 Annual vaccination		2yrs		3yrs
			✓		✓

Appendix 2 - Childhood vaccination coverage statistics Derby city council, all vaccinations 2018/19



Derby City Council data is shown dark blue, National data is shown grey, Regional data light blue.

Appendix 3 - PHE fingertips data Vaccinations & Immunisations profile for Derby City

Data quality: ■ Significant concerns ■ Some concerns ■ Robust

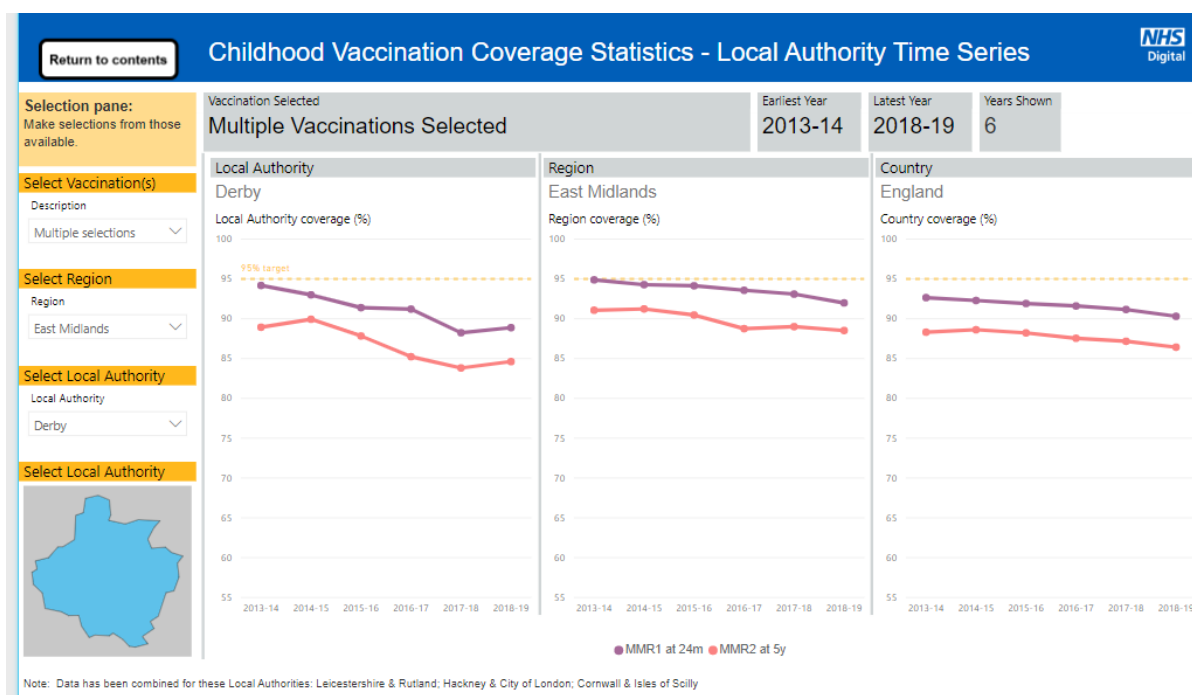
Compared with benchmark: ● Better ● Similar ● Worse ○ Not compared

Recent trends: ○ Could not be calculated → No significant change ↑ Increasing / Getting worse ↓ Increasing / Getting better ↓ Decreasing / Getting worse ↓ Decreasing / Getting better ↑ Increasing ↓ Decreasing

Worst 25th Percentile Benchmark Value 75th Percentile Best

Indicator	Period	Derby			Region England		England		
		Recent Trend	Count	Value	Value	Value	Worst	Range	Best
Population vaccination coverage - Hepatitis B (1 year old)	2018/19	→	15	100%	*	*	-	-	-
Population vaccination coverage - Dtap / IPV / Hib (1 year old)	2018/19	↓	3,088	92.5%	94.2%	92.1%	73.2%		97.5%
Population vaccination coverage - MenC	2015/16	-	3,400	96.3%	*	*	-	-	-
Population vaccination coverage - PCV	2018/19	↓	3,092	92.7%	94.6%	92.8%	75.9%		97.5%
Population vaccination coverage - Hepatitis B (2 years old)	2018/19	→	11	100%	*	*	-	-	-
Population vaccination coverage - Dtap / IPV / Hib (2 years old)	2018/19	↓	3,318	93.9%	95.5%	94.2%	81.6%		98.8%
Population vaccination coverage - Hib / MenC booster (2 years old)	2018/19	↓	3,123	88.3%	91.9%	90.4%	71.2%		97.5%
Population vaccination coverage - PCV booster	2018/19	↓	3,130	88.5%	91.9%	90.2%	73.4%		97.5%
Population vaccination coverage - MMR for one dose (2 years old)	2018/19	↓	3,142	88.9%	92.0%	90.3%	74.3%		97.1%
Population vaccination coverage - Hib / Men C booster (5 years old)	2017/18	↓	3,512	90.9%	93.2%	92.4%	79.5%		97.6%
Population vaccination coverage - MMR for one dose (5 years old)	2018/19	↓	3,489	94.8%	95.9%	94.5%	83.6%		98.2%
Population vaccination coverage - MMR for two doses (5 years old)	2018/19	↓	3,114	84.6%	88.5%	86.4%	64.1%		96.4%
Population vaccination coverage - HPV vaccination coverage for one dose (females 12-13 years old)	2017/18	-	1,236	81.2%	88.8%	86.9%	67.8%		95.3%

Appendix 4 Childhood vaccination coverage statistics 2018/19 Derby City Council, Data trend over 6 years of MMR1 (at 24 months) & MMR2 (at 5 years)



Appendix 5 NHS Life Course Vaccination Schedule

Babies under 1 year old	
Age	Vaccines Required
8 weeks	6-in-1 vaccine Rotavirus vaccine MenB
12 weeks	6-in-1 vaccine (2nd dose) Pneumococcal (PCV) vaccine Rotavirus vaccine (2nd dose)
16 weeks	6-in-1 vaccine (3rd dose) MenB (2nd dose)
Children aged 1 to 15	
1 year	Hib/MenC (1st dose) MMR (1st dose) Pneumococcal (PCV) vaccine (2nd dose) MenB (3rd dose)
2 to 10 years	Flu vaccine (every year)
3 years and 4 months	MMR (2nd dose) 4-in-1 pre-school booster
12 to 13 years	HPV vaccine
14 years	3-in-1 teenage booster MenACWY
Adults	
65 years	Pneumococcal (PPV) vaccine
65 years (and every year after)	Flu vaccine
70 years	Shingles vaccine
Pregnant women	
During flu season	Flu vaccine
From 16 weeks pregnant	Whooping cough (pertussis) vaccine