



Resource impact statement

Resource impact

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Indicator

IND215: The percentage of babies who reached 8 months old in the preceding 12 months, who have received at least 3 doses of a diphtheria, tetanus and pertussis containing vaccine before the age of 8 months.

IND216: The percentage of children who reached 18 months old in the preceding 12 months, who have received at least 1 dose of MMR between the ages of 12 and 18 months.

IND217: The percentage of children who reached 5 years old in the preceding 12 months, who have received a reinforcing dose of DTaP/IPV and at least 2 doses of MMR between the ages of 1 and 5 years.

IND218: The percentage of children who reached 5 years old in the preceding 12 months, who have received 1 dose of MMR between the ages of 1 and 5 years.

Resource impact

It is estimated that 269 million appointments in general practice were attended in England between 01 January 2019 and 31 December 2019 (see [NHS Digital Appointments in General Practice](#)), equivalent to around 920 per week for a GP practice assuming a list size of 10,000 people. There are around 56.0 million people in England (Office for National Statistics, 2018).

The latest data available (see [Office for National Statistics 2019 dataset](#)) indicate that there were around 611,000 live births in England in 2019. On average, around 90.6% (see [NHS Digital 2018/19 Childhood Vaccination Coverage Statistics](#)) are vaccinated for the range of vaccinations in the proposed indicators.

Three theoretical increases in vaccination rate are modelled, 1%, 2% and 3%. It is estimated that none of these increases would lead to a significant increase in activity.

It is estimated that there may be around an extra 4, 8 or 12 children requiring vaccination per GP practice per year. In a Sustainability Transformation Partnership (STP) area this is around an extra 200, 395 or 595 children requiring vaccination per year.

Table 1 Estimated annual resource impact of more vaccinations for a theoretical 1%, 2% and 3% increase in the eligible population

-	Current activity	1% increase	2% increase	3% increase
Per GP practice (10,000 people)	395	4	8	12
Per STP (500,000 people)	19,770	200	395	595

This assumes a GP practice is 10,000 people and an STP is 500,000 people. The resource impact will be reduced where more than one vaccination is administered at the same time.