

# **Trend in mandatory immunisation coverage: linear and joinpoint regression approach, Serbia, 2000 to 2017**

## **Supplementary material**

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**Supplementary Table S1** Mandatory immunization coverage in the Republic of Serbia during the period 2000-2017 (calculated as the proportion of vaccinated children in the specific age group (i.e. birth cohort) intended to receive vaccines according to the National immunization schedule in that particular year)

Year	Coverage (%)														
	BCG	tOPV3 / DTaP-IPV-Hib3	tOPV/DTaP-IPV-Hib R1	tOPV/bOPV R2	tOPV/bOPV R3	DTP3/DTaP-IPV-Hib3	DTP/DTaP-IPV-Hib R1	DT R2	dT R3	MMR 1 <sup>st</sup> dose	MMR 2 <sup>nd</sup> dose 12y	MMR 2 <sup>nd</sup> dose before enrolment in elementary school	Hep B3 infants	Hep B3 12y	Hib3/DTaP-IPV-Hib3
2000	ND	96.8	96.6	98.2	97.5	96.9	96.5	98.1	96.9	86.6	75.4	NA	NA	NA	NA
2001	ND	97.6	96.7	98.6	97.8	97.8	96.7	98.4	97.8	95.7	88.3	NA	NA	NA	NA
2002	ND	97.8	97.7	99.0	98.9	97.9	97.6	98.9	98.9	93.8	68.3	NA	NA	NA	NA
2003	ND	98.0	97.3	99.0	98.5	97.8	97.2	98.8	98.5	95.9	92.8	NA	NA	NA	NA
2004	96.5	98.0	97.5	99.0	98.9	98.1	97.5	98.9	98.4	95.9	92.8	NA	NA	NA	NA
2005	97.8	97.8	97.7	98.5	98.7	97.7	97.6	98.6	98.6	95.6	98.1	NA	65.1	NA	NA
2006	98.8	97.2	96.4	98.2	97.9	96.8	96.2	98.4	98.1	95.9	95.0	94.3	92.1	56.9	74.3
2007	98.2	97.9	96.9	98.4	96.4	98.0	96.8	98.0	96.8	96.7	86.7	94.3	93.8	79.8	90.8
2008	98.5	97.5	96.2	97.8	98.2	97.5	96.2	97.8	98.3	96.4	94.9	97.1	93.7	78.0	97.2
2009	98.3	97.4	96.3	98.0	97.1	97.4	96.1	97.7	97.1	95.9	88.8	95.3	95.2	61.8	96.3
2010	98.8	97.1	95.9	98.0	94.7	97.2	95.7	98.1	94.3	95.7	96.7	98.1	94.9	75.9	96.8
2011	98.6	97.6	95.9	98.1	96.6	97.5	95.9	98.4	96.7	96.5	91.8	98.0	96.4	87.1	96.5
2012	97.9	93.7	92.2	96.3	83.4	95.9	93.1	96.9	86.7	90.4	NA	94.2	93.1	82.7	91.3
2013	97.4	97.4	92.9	96.0	95.4	96.9	93.1	96.1	95.4	92.6	NA	84.1	93.4	74.3	94.7
2014	97.6	95.1	90.6	95.3	91.2	95.0	90.3	95.2	92.4	85.8	NA	89.2	93.9	78.1	95.2
2015	98.3	94.9	83.8	90.8	67.6	95.0	88.7	92.8	81.7	84.0	NA	87.5	91.5	72.7	94.1
2016	97.9	94.2	87.3	87.6	75.3	94.1	86.7	92.8	81.3	81.0	NA	91.1	90.5	63.6	93.7
2017	97.4	95.2	87.1	92.5	91.3	95.1	86.8	93.2	91.9	85.2	NA	91.6	92.4	69.2	95.2

BCG – *Bacillus Calmette–Guérin* vaccine; bOPV – bivalent oral poliovaccine; DTP – diphtheria and tetanus toxoids, whole-cell pertussis; DTaP-IPV-Hib – diphtheria and tetanus toxoids, acellular pertussis, inactivated poliovirus and conjugated vaccine against diseases caused by *Hib*; DT – diphtheria and tetanus toxoids booster for children, dT – diphtheria and tetanus toxoids booster for adults; Hep B – monovalent vaccine against hepatitis B; Hib – monovalent conjugated vaccine against diseases caused by *Haemophilus influenzae* type b; MMR – vaccine against measles, mumps and rubella; tOPV – trivalent oral poliovaccine.

ND – no data; NA- not applicable;

Number 3 denotes the number of doses used in primary vaccination; R1 – first revaccination; R2 – second revaccination; R3 – third revaccination.