

## ANNEX B: SUMMARY OF DATA AVAILABILITY

### 1 Studies of BCG vaccine

Data were obtained from 32 articles, organized into 25 article groups.

These were divided among 22 independent birth cohorts as follows.

Birth cohort	Article group(s)	Birth cohort	Article group(s)
Algeria 1935	Algeria	Guinea-Bissau 2002-2008	Guinea-Bissau A, B
Bangladesh 1986-2001	Bangladesh A	India 1998-2002	India A
Benin 1983-1987	Benin	India 1987-1989	India E
Burkina Faso 1985-1993	Burkina Faso	India 2006-2011	India G
Canada 1933-1945	Canada	Malawi 1995-1997	Malawi
Ghana 1994-1999*	Ghana B	Papua New Guinea 1989-1994	Papua New Guinea
Ghana 1998-2004*	Ghana C	Senegal 1989-1996	Senegal C
Guinea-Bissau 1984-1985	Guinea-Bissau E	Senegal 1996-1999	Senegal D
Guinea-Bissau 1989-1999	Guinea-Bissau I, J, S	South Africa 2001-2004	South Africa
Guinea-Bissau 1990-1996	Guinea-Bissau D	USA c.1935	USA A
Guinea-Bissau 1999-2002	Guinea-Bissau K	USA c.1941	USA B

\*There is a small amount of overlap between the Ghana 1994-1999 and the Ghana 1998-2004 cohorts.

**18 results from 17 of these birth cohorts contributed to the main analysis** (including two independent results two independent results ('early' and 'main') from the Guinea-Bissau A birth cohort).

The remaining five cohorts did not contribute for the following reasons:

Birth cohort	Article group	Reference	Reason for exclusion from main analyses
Algeria 1935	Algeria	#9283	Oral rather than intradermal administration of BCG
Guinea-Bissau 1999-2002	Guinea-Bissau K	#660	Those not in vaccinated group include children who recently received BCG
Ghana 1994-1999	Ghana B	#7190	No separation of BCG and DTP exposures
Senegal 1989-1996	Senegal C	#9432	BCG always given simultaneously with DTP
South Africa 2001-2004	South Africa	#467	Comparison of intradermal BCG vs. percutaneous BCG

Note: A randomized comparison involving BCG *revaccination* was also excluded from main analyses children (Guinea-Bissau B, #324. This had been categorized under the Guinea-Bissau 2002-2008 cohort, along with other articles in the Guinea Bissau B group, since it took place during the 2002-2008 period; birth dates of the children were not specified but appear to have been earlier than these dates.)

## 2 Studies of DTP vaccine

Data were obtained from 36 articles, organized into 25 article groups.

These were divided among 21 independent birth cohorts as follows.

Birth cohort	Article group(s)
Bangladesh 1986-2001	Bangladesh A
Benin 1983-1987	Benin
Burkina Faso 1985-1993	Burkina Faso
Ghana 1984-1991	Ghana A
Ghana 1994-1999*	Ghana B
Ghana 1998-2004*	Ghana C
Guinea-Bissau 1984-1985	Guinea-Bissau E
Guinea-Bissau 1989-1999	Guinea-Bissau H, P, Q, S
Guinea-Bissau 1990-1996	Guinea-Bissau D
Guinea-Bissau 1999-2002	Guinea-Bissau G
Guinea-Bissau 2002-2008	Guinea-Bissau A, B

Birth cohort	Article group(s)
Guinea-Bissau 2005-2008	Guinea-Bissau R
India 1998-2002	India A
India 1987-1989	India E
India 2006-2011	India G
Malawi 1995-1997	Malawi
Papua New Guinea 1989-1994	Papua New Guinea
Philippines 1988-1991	Philippines
Senegal 1989-1996	Senegal C
Senegal 1996-1999	Senegal D
Sudan 1989-1989	Sudan

\*There is a small amount of overlap between the Ghana 1994-1999 and the Ghana 1998-2004 cohorts.

**16 of these cohorts contributed to the main analysis.**

The remaining five cohorts did not contribute for the following reasons:

Birth cohort	Article group	Reference	Reason for exclusion from main analyses
Ghana 1994-1999	Ghana B	#7190	No separation of BCG and DTP exposures
Guinea-Bissau 1999-2002	Guinea-Bissau G	#9440, #9442	DTP always given simultaneously with measles vaccine
Guinea-Bissau 2005-2008	Guinea-Bissau R	#1723	Randomized trial of 3 <sup>rd</sup> dose DTP or booster
Senegal 1989-1996	Senegal C	#740, #9432	DTP always given simultaneously with BCG
Sudan 1989-1989	Sudan	#2297	All children received measles vaccine

### 3 Studies of measles vaccine

Data were obtained from 43 articles, organized into 35 families.

These were divided among 26 independent birth cohorts as follows.

Birth cohort	Article group(s)
Bangladesh 1986-2001	Bangladesh A
Bangladesh 1977-1985	Bangladesh B
Benin 1983-1987	Benin
Burundi 1984-1988	Burundi
DR Congo 1973-1975	DR Congo
Ghana 1984-1991	Ghana A
Ghana 1994-1999*	Ghana B
Ghana 1998-2004*	Ghana C
Guinea-Bissau 1978-1983	Guinea-Bissau F, L, T
Guinea-Bissau 1984-1985	Guinea-Bissau M, O
Guinea-Bissau 1989-1999	Guinea-Bissau H, J, P, Q, S
Guinea-Bissau 1990-1996	Guinea-Bissau D
Guinea-Bissau 1999-2002	Guinea-Bissau G

Birth cohort	Article group(s)
Guinea-Bissau 2002-2008	Guinea-Bissau A, B, C
Haiti 1981-1982	Haiti
India 1986-1991	India C
India 1987-1989	India E
India 1991-1998	India F
India 2006-2011	India G
Malawi 1995-1997	Malawi
Nigeria 1956-1961	Nigeria
Papua New Guinea 1989-1994	Papua New Guinea
Senegal 1985-1987	Senegal A
Senegal 1987-1989	Senegal B
Senegal 1989-1996	Senegal C
Senegal 1996-1999	Senegal D

\*There is a small amount of overlap between the Ghana 1994-1999 and the Ghana 1998-2004 cohorts.

**28 results from these 26 birth cohorts contributed to the main analysis** (including two independent results ('L' and 'T') from the Guinea-Bissau 1978-1983 cohort and two independent results ('H' and 'S') from the Guinea-Bissau 1989-1999 cohort).