

## ANNEX D: MORTALITY FROM CAUSES OTHER THAN THAT ASSOCIATED WITH THE DISEASE THE VACCINE IS INTENDED TO PREVENT

### 1 BCG vaccine: data mortality due to reasons other than tuberculosis

Ref ID Article group	Vaccine	Comparison	Total N	Description	Non-targeted mortality vaccine group	Non-targeted mortality control group	Causes of deaths Other comments
#8912 Canada	BCG vaccinated	BCG unvaccinated	609	RCT of Indian infants born on the reservation in the Qu'Appelle Valley adjacent to the Fort Qu'Appelle Sanatorium in Saskatchewan between October 1933 and November 1945	51/306	54/303	Table V (page 10) describe the specific causes of deaths (from tuberculosis and from other causes) in the BCG vaccinated and BCG unvaccinated groups.
#8747 USA A	BCG vaccinated	BCG unvaccinated	3008	Quasi-randomised trial of native American Indians from Arizona, Wyoming, Dakota and Alaska ranging in age from $\leq 1$ year to up to 20 years that did not react positively to a PPD test.	11/1,327 person years	11/1,303 person years	Clearly defined in Table 9 (page 273) deaths from tuberculosis and deaths from other causes in the BCG vaccinated and BCG unvaccinated groups
#9244 USA B	BCG vaccinated	BCG unvaccinated	451	Quasi-randomised trial of born to mothers known to have tuberculosis (TB). Newborns were placed in foster care known not to have TB. Participants were stratified by family TB status, severity of disease in the family and randomised to receive BCG or no BCG.	4/231	5/220	Page 699, 2 <sup>nd</sup> column, 2 <sup>nd</sup> paragraph described the number and reasons of deaths from non-tuberculosis in the BCG vaccinated and BCG unvaccinated groups.

### 2 DTP vaccine: data on mortality due to reasons other than diphtheria, pertussis and tetanus

No studies reported usable data on mortality due to causes other than diphtheria, pertussis or tetanus.

### 3 Measles vaccine: data on mortality censoring for deaths caused or as a consequence of measles infection

We collected the following data on mortality due to causes other than measles.

Ref ID Article group	Vaccine	Comparison	Total N	Period of follow up	ES	Lower 95%CI	Upper 95%CI	Causes of deaths Other comments
#6509 <b>Bangladesh B</b>	MCV	no MCV	16268	6 months after vaccination (age of children 9-36 mo)	0.57	0.46	0.69	Diarrhoea and dysentery, respiratory, oedema, accidents, fever, others
#3294 <b>Ghana A</b>	MCV+DTP (most)	DTP, no MCV	3330	4 months after vaccination	0.46	0.23	0.89	Table 4; Table 5 also provide data for each sequence of vaccines, but the rate ratio is similar to table 4
#1731 <b>Guinea-Bissau C</b>	MCV	no MCV	6417	4.5-9 months of age	0.8	0.45	1.43	Table 2, ITT mortality rate ratio (A/(B+C)) (with censoring for measles infection)
#2726 <b>Guinea-Bissau E</b>	MCV vaccinated	MCV unvaccinated	3414	7-13 months of age	0.51	0.28	0.95	Page 4, received measles vaccination at the second visit
#9441 <b>Guinea-Bissau G</b>	MCV vaccinated	MCV unvaccinated	2701	12 months of age	0.7	0.5	0.99	Last paragraph before discussion on paper. It differs from Christine statement
#3857 <b>Guinea-Bissau P</b>	MCV	IPV	642	6-9 months?	0.28	0.06	0.89	Vaccine given at 6 months and children followed up for 3 months before the war. There war interrupted vaccination, and follow up was extended for another 6 months
#2622 <b>Guinea-Bissau P</b>	MCV vaccinated	MCV unvaccinated	1178	6 months	0.38	0.15	0.89	Numbers in abstract slightly different
<b>The following articles information on vaccine efficacy censored for measles infection were only provided in a re-analysis {Aaby, 1995 #9465}</b>								
#6889 <b>Burundi</b>	MCV	no MCV		9-23 mo	0.26	0.13	0.52	Case-control study
#6992 <b>Guinea-Bissau M</b>	MCV vaccinated	MCV unvaccinated	2448+2 74?	12-23 months of age	0.35	0.19	0.65	Table 3, Guinea-Bissau IV
#6904 <b>Senegal A,B</b>	MCV vaccinated	MCV unvaccinated	4822	9-23 months	0.6	0.45	0.82	Table 3, Senegal II. Data on the re-analysis are combined for Senegal A and B