



## Prevalence of anemia among Quebec Cree infants from 2002 to 2007 compared with 1995 to 2000.

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Abstract: To determine if screening of infants for anemia at 9 months in the Cree region of Quebec should continue, by comparing the prevalence of anemia in the initial years of screening (1995 to 2000) with prevalence data from infants screened between 2002 and 2007.

Comparison of anemia prevalence from 2 cross-sectional surveys. Nonoverlapping 95% CIs were used to determine if results were significantly different.

Nine Quebec Cree communities. Participants Infants screened for anemia between 1995 and 2000 (n = 716) or 2002 and 2007 (n = 1325). Main outcome measures Anemia was diagnosed based on hemoglobin concentration. An erythrocyte mean cell volume of less than 71 fL was used as a proxy for iron deficiency.

Hemoglobin concentration among infants screened from 2002 to 2007 was, on average, 7 g/L greater than among infants screened from 1995 to 2000 (mean [standard deviation] 121 [11] g/L vs 114 [11] g/L). The prevalence of anemia (hemoglobin

Notes:

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