

All live NB in Botucatu, 2004 to 2008 (n= 8442)

All low weight NB in the period (n=860)
(Case group)

Randomized sample of non-low weight NB (n=860)
(Control group)

1720 NB and pregnant women

Data Survey from LBC –SINASC + MIS (deaths)

Based on the mother's name of NB –Nº and place of
enrollment at SUS

1720 found and analyzed

Prenatal data survey of records in medical files from
BHU-FHU –CH Units

Socio-demographic variables of mothers (age,
schooling, pregnancy, gestational age at delivery,
number of previous live or still births from previous
pregnancies), NB information (Apgar score 5 minutes,
sex, birth weight, prematurity or not, malformation or
congenital anomalies, death or not), mode of delivery
and hospital category used for delivery.

With no enrollment in services –208 (12.1%)

1512: searched medical charts

Medical charts not found (loss) -86 (5%)
Medical charts with no records of visits–377 (21.9%)
Medical charts with records of visits -1049 (61%)

Group (LBW)

Birth weight < 2500g
(n=860)

Group

Birth weight ≥2500g
(n=860)

1049

Medical chart records of prenatal follow-up. Variables:
gestational age at the beginning of it, initial weight and
height, number of PN visits, number of medical visits
and nursing visits, performed and/or requested exams
(laboratorial, cervical colpocitology, clinical breast
examination), maternal previous and/or gestational
diseases, smoking habit, weight gain and maternal BMI
classification.

Group (LBW)
Birth weight < 2500g
n= 511

Group
Birthweight ≥2500g
n =538