Communes screened (n=112)

Excluded (n= 8)
- Not meeting inclusion criteria (n= 8)

Randomised (n=104 communes, n=1258 participants)

Enrolment

Pregnant women allocated to daily iron-folic acid supplementation (n=426 participants)

Body mass index available: n=425

Pregnant women allocated to twice weekly iron-folic acid (n=425 participants)

Body mass index available: n=425

Pregnant women allocated to twice weekly multiple micronutrients (n=407 participants)

Body mass index available: n=407

Discontinued intervention: n=28
Miscarriage: n=25
Twin: n=2
Duplicate id:n=1

Discontinued intervention: n= 25
Miscarriage: n=24
Stillbirth: n=1

Discontinued intervention: n=22
Miscarriage: n=18
Stillbirth: n=1
Twin: n=2
Not pregnant: n=1

32 weeks

Participants at 32 week visit: n=349
(Did not return for 32 week follow-up: n=49)
Maternal weight available at 32 week visit: n=349

Participants at 32 week visit: n=369
(Did not return for 32 week follow-up: n=31)
Maternal weight result available at 32 week visit: n=368

Participants at 32 week visit: n=324
(Did not return for 32 week follow-up: n=61)
Maternal weight result available at 32 week visit: n=324

GESTATIONAL WEIGHT GAIN PROSPECTIVE COHORT STUDY

Gestational rate of weight gain available: n= 349

Gestational rate of weight gain available: n= 368

Gestational rate of weight gain available: n= 324

Refused follow up: n=1

Birth

No. of deliveries: n=348
Live births: n=343
Stillbirths: n=2
Early neonatal deaths: n=3
Birthweight available: n=343
Head circumference available: n=182
Birth length available: n=176

No. of deliveries: n=368
Live births: n=367
Stillbirths: n=0
Early neonatal deaths: n=1
Birthweight available: n=368
Head circumference available: n=176
Birth length available: n=173

No. of deliveries: n=324
Live births: n=322
Stillbirths: n=2
Early neonatal deaths: n=0
Birthweight available: n=324
Head circumference available: n=149
Birth length available: n=148

6 months

Lost to follow up: n=21

Lost to follow up: n=23

Lost to follow up: n=23

Live infant age 6 months: n=322

Live infant age 6 months: n=344

Live infant age 6 months :n=299

Analysis

WAZ scores available: n=321
LAZ scores available: n=320
WLZ scores available: n=320
Infant weight gain velocity available: n= 321

WAZ scores available: n=343
LAZ scores available: n=343
WLZ scores available: n=343
Infant weight gain velocity available: n= 343

WAZ scores available: n=297
LAZ scores available: n=295
WLZ scores available: n=295
Infant weight gain velocity available: n= 297