|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Independent studies** | **Province** | **n** | **Haemoglobinf****(g/dl)** | **Anaemia prevalence (%)** | **Serum ferritin levelsf****(µg/l)** | **Iron deficiency prevalence (%)** |
| **Province****(year)** | **n** | **Before screeningb** | **After screeningc** |  |
| **Anaemia prevalenced****(%)** | **Iron deficiency prevalencee****(%)** | **SF levels****per group****(µg/l)** | **Hb****per group****(g/dl)** | **Anaemia prevalence****(%)** | **Iron deficiency****prevalence****(%)** |
| Western Cape(2006) | 361 | Data not available | Data not available | *Control*20.4 (5.2,37.7) | *Controlg*11.87 ± 4.9 | 17.2 | 23.1 | Western Cape | 32 | 12.4 (12.1-12.7) | 18.8 | 46.4 (34.3-58.5) | 4.2 |
| *Tx 1:*22.5 (5.9, 49.4) | *Tx1:*11.85 ± 5 |
| *Tx 2:*19.2 (5.6, 44.2) | *Tx 2:*11.90 ± 5 | Northern Cape | 9 | 12.3 (10.9-13.6) | 22.2 | 54.3 (31.6-77) | 0 |
| *Tx 3:*20.1 (7.2, 44.9) | *Tx 3:*11.90 ± 4.4 |
| Northern Cape(2009) | 200 | 5.4 | 3.3 | *Control:h*19.4 (18.6, 21.8) | *Control:h*12.6(12.3-12.8) | 7.3 | Data not available | North West | 37 | 12.1 (11.8-12.4) | 27 | 33.9 (24-43.8) | 2.9 |
| *Tx:*18.5 (17.1, 21.1) | *Tx:*12.5(12.3-12.7)  |
| North West(2010) | 407 | 6.9 | 14.8 | 30.56 ± 22.44 | 12.65 ± 0.96 | 7.1 | 15.7 | KwaZulu-Natal | 97 | 12.4(12.1-12.7) | 14.4 | 56.5 (48.3-64.8) | 2.2 |
| KwaZulu-Natal(2009) | 321 | 11.5 | 7.3 | *Control:i*19.46 (3.8, 62.8)  | *Control:*12.06 ± 0.85  | 20.9 | 20.6 |
| **National Food Consumption Survey-Fortification Baseline of 2005** |
| *Tx 1:*21.46 (3.1, 73.1)  | *Tx 1:*12.04 ± 0.78  |
| *Tx 2:*19.5 (3.8, 68.9)  | *Tx 2:*12.09 ± 0.73  | National data | 499 | 12.3(12.2-12.4) | 18.6 | 46.3 (42.1-50.5) | 4.4 |
| *Tx 3:*20.0 (3.9, 72.3)  | *Tx 3:*12.16 ± 0.88  |