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| Supplement Table 1. Agreement of Gestational Weight Change Category between the Birth Certificate and the 4 recommended approaches for estimating gestational weight change from the Medical Record – Limited to moms who had all four data sources (n=309)\* |
|  | **Approaches for estimating gestational weight change** |
| **Birth Certificate** | **Any Weight Gain % (n)** | **Zero Weight Gain** **% (n)** | **Weight Loss 1-10 lbs** **% (n)** | **Weight Loss 11-19 lbs** **% (n)** | **Weight Loss 20+lbs** **% (n)** | **Overall agreement across all categories****% (n)** |
|   |  **Approach #1**. Prepregnancy Weight from First Prenatal Visit and Delivery Weight from Labor & Delivery Record (n=140) |
| Zero Weight Gain | 82.0 (32) | 7.7 (3) | 7.7 (3) | 2.6 (1) | 0.0 (0) | 35.0 (140) |
| Weight Loss 1-10 lbs | 40.0 (24) | 6.7 (4) | 45.0 (27) | 5.0 (3)  | 3.3 (2) |
| Weight Loss 11-19 lbs | 22.7 (5) | 0.0 (0) | 31.8 (7)  | 40.1 (9)  | 4.6 (1) |
| Weight Loss 20+ lbs | 21.1 (4) | 5.3 (1) | 5.3 (1) | 15.8 (3) | 52.6 (10) |
|   | **Approach #2**. Prepregnancy Weight from First Prenatal Visit and Delivery Weight from Nursing Admission Record (n=117) |
| Zero Weight Gain | 80.7 (25) | 9.7 (3) | 3.2 (1) | 6.5 (2) | 0.0 (0) | 35.0 (41) |
| Weight Loss 1-10 lbs | 37.7 (20) | 9.4 (5) | 47.2 (25) | 5.7 (3) | 0.0 (0) |
| Weight Loss 11-19 lbs | 33.3 (6) | 5.6 (1) | 16.7 (3) | 33.3 (6) | 11.1 (2) |
| Weight Loss 20+ lbs | 33.3 (5) | 0.0 (0) | 0.0 (0) | 20.0 (3) | 46.7 (7) |
|  | **Approach #3**. Prepregnancy Weight from Birth Certificate Worksheet and Delivery Weight from Labor & Delivery Record (n=175) |
| Zero Weight Gain | 52.0 (26) | 26.0 (13) | 10.0 (5) | 4.0 (2) | 8.0 (4) | 53.7 (94) |
| Weight Loss 1-10 lbs | 21.8 (17) | 6.4 (5) | 64.1 (50) | 2.6 (2) | 5.1 (4) |
| Weight Loss 11-19 lbs | 7.4 (2) | 0.0 (0) | 7.4 (2) | 74.0 (20) | 11.1 (3) |
| Weight Loss 20+ lbs | 35.0 (7) | 0.0 (0) | 0.0 (0) | 10.0 (2) | 55.0 (11) |
|  | **Approach #4**. Prepregnancy Weight from Birth Certificate Worksheet and Delivery Weight from Nursing Admission Record (n=159) |
| Zero Weight Gain | 45.2 (19) | 40.5 (17) | 9.5 (4) | 4.8 (2) | 0.0 (0) | 56.6 (90) |
| Weight Loss 1-10 lbs | 22.8 (18) | 7.6 (6) | 64.6 (51) | 5.1 (4) | 0.0 (0) |
| Weight Loss 11-19 lbs | 17.4 (4) | 4.4 (1) | 8.7 (2) | 60.9 (14) | 8.7 (2) |
| Weight Loss 20+ lbs | 40.0 (6) | 0.0 (0) | 0.0 (0) | 6.7 (1) | 53.3 (8) |

\*All four data sources (first prenatal record, the birth certificate worksheet, the nursing admission record and the labor and delivery record) were available in the medical record; however, a weight value may not be recorded within each source.