Appendix Table 1.Sample MEDLINE Ovid Search Strategy

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| Number | Search Term | Results |
| 1 | Child Development/ | 43798 |
| 2 | Adolescent/ or exp child/ or exp infant/ | 3412155 |
| 3 | Pediatric Obesity/ | 6769 |
| 4 | Overweight/ | 22417 |
| 5 | Body mass index/ | 117812 |
| 6 | Body composition/ | 39994 |
| 7 | ((child\* or youth or adolescen\* or school-aged or preschool or infant\* or teen\* or pediatric\* or age\* or year\* or month\* or offspring or earl\*) adj4 (grow\* or body size or body size measure\* or weight\* body weight measure\* or obese\* or measure\* or anthropometry or mass or BMI or body mass index or birth weight or growth trajector\* or BMI growth curve or body mass index curve or body weight\* or BMI growth or body composition or trajector\*)) | 325745 |
| 8 | 1 or 2 | 3413340 |
| 9 | 3 or 4 or 5 or 6 | 163488 |
| 10 | 8 and 9 | 52787 |
| 11 | 7 or 10 | 355636 |
| 12 | Breast feeding/ | 35580 |
| 13 | (breast feed\* or breastfeed\* or breastfed or breast fed or breast milk or EBF or EXBF) | 49246 |
| 14 | 12 or 13 | 60419 |
| 15 | Gestational Weight Gain/ | 134 |
| 16 | ((pregn\* or matern\* or antenatal or perinatal or expecting mother\* or gestat\* or preconception or female or human) adj4 (body composition or obes\* or overweight or weight\* or increase or rapid or excessive or gain\* or body mass index or high BMI or BMI or high body mass index or weight gain or prenatal nutrition or maternal overweight or maternal nutrition)) | 74438 |
| 17 | 5 or 15 or 16 | 184682 |
| 18 | 11 and 14 and 17 | 1854 |