Appendix D Table 13. Benefits of Primary Care Interventions for Child Maltreatment Prevention From Randomized, Controlled Trials in Main Analysis (KQ1) – Reports to Child protective services, Continuous Outcomes

| Author, Year  Quality  Overall Sample Size (Analyzed) | Outcome Definition | Followup Timing | Frequency of Reports, G1  Mean (SD) | Frequency of Reports, G2  Mean (SD) | Frequency of Reports, G3  Mean (SD) | Frequency of Reports, G4  Mean (SD) | Effect Estimate or Other Outcome Measure |
| --- | --- | --- | --- | --- | --- | --- | --- |
| DuMont et al, 200893  Good  Total N=1,173 mothers randomized (N analyzed=1,060) | Frequency of substantiated CPS reports at Year 1 of age, defined as percentage of women with a substantiated report; obtained from review of CPS records of child abuse and neglect reports | 1 year of age | 0.07 (NR) | 0.09 (NR) | NA | NA | p=NS\* |
| DuMont et al, 200893  Good  Total N=1,173 mothers randomized (N analyzed=992) | Frequency of substantiated CPS reports at Year 1 of age, defined as percentage of women with a substantiated report; obtained from review of CPS records of child abuse and neglect reports | 2 years of age | 0.06 (NR) | 0.06 (NR) | NA | NA | p=NS\* |
| DuMont et al, 201094  Good  Total N=1,173 mothers randomized (N analyzed=1,173) | Frequency of CPS reports where the biological mother was confirmed to be the subject or the target child was confirmed to be the victim | Target child’s 7th birthday | 0.55† (NR) | 0.54† (NR) | NA | NA | Effect size: -0.01, p=NS |

\* No significant differences were found for prevalence or frequency of substantiated CPS reports. Outcomes reported for prevention subgroup (first-time mothers <19 years old randomly assigned at gestational age of ≤30 weeks), psychologically vulnerable subgroup (per index of CES-D and Mastery of Psychological Coping Resources Scale scores). Neither moderates differences between the HFNY and control groups in substantiated CPS reports.

† Outcome reported as least square mean.

**Abbreviations:** CES-D=Center for Epidemiologic Studies Depression Scale; CPS=child protective services; G=group; HFNY=Healthy Families New York; KQ=key question; NA=not applicable; NS=not statistically significant; NR=not reported; SD=standard deviation.