Appendix D Table 15. Benefits of Primary Care Interventions for Child Maltreatment Prevention From Randomized, Controlled Trials in the Sensitivity Analysis (KQ1) – Removal of Child from Home, Categorical Outcomes

| Author, Year  Quality  Overall Sample Size (Analyzed) | Outcome Definition | Followup Timing | Number of Separation Events, G1  No. (%) | Number of Separation Events, G2  No. (%) | Number of Separation Events, G3  No. (%) | Number of Separation Events, G4  No. (%) | Effect Estimate or Other Outcome Measure |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Duggan et al, 1999145  Duggan et al, 2004146  Poor  Total N=730 mothers randomized (N analyzed=643) | Placement in foster care. Type of separation (e.g., due to imprisonment, abandonment of the child, CPS intervention, rather than necessary separation to meet professional responsibilities or family obligations) determined by office-based evaluation staff who were unaware of the family intervention group assignment | 3 years | NR (0.8) | NR (1.8) | NA | NA | NR |
| Duggan et al, 1999145  Duggan et al, 2004146  Poor  Total N=730 mothers randomized (N analyzed=643) | Primary caregiver relinquished role at some time in the child’s life. In most cases, mother relinquished care to family members. | 3 years | NR (8.4) | NR (8.3) | NA | NA | NR |
| Gray et al, 1979135  Poor  Total N=100 mothers randomized (N analyzed=50) | Removal of the child from the home; measured during at-home followup visits by the child not being in the biologic home and in foster care placement | On average 26.8 months\* | 3 (12) | 5 (20) | NA | NA | Calculated RR, 1.67 (95% CI, 0.45 to 6.24), Chi-squared result<0.36 |
| Norr et al, 2003177  Poor  Total N=588 families† (N analyzed=477) | Reported abuse or neglect, including all cases where the infant was placed in foster care arrangements or under protective service supervision by the Department of Children and Family Services by 12 months of age. Outcome determined by family reported foster care or involvement of the Department of Children and Family Services. | 12 months | 2 (0.91) | 6 (2.33) | NA | NA | p=0.23 |

\* Post-delivery. Range 17 to 35 months.

† N randomized was not reported. 588 women were recruited into the study. 447 participants remained in the study by the 12-month followup.

**Abbreviations:** CI=confidence interval; CPS=child protective services; G=group; KQ=key question; N=number; NA=not applicable; No.=number; NR=not reported; RR=relative risk.