

## Attachment 16

0920-0740

### Formulas Used in MMP Response Rate Calculations

#### *Facility Response Rates by Project Area*

- RFP = Facility Participation Rate
- R<sub>FC</sub>=Facility Cooperation Rate
- F<sub>P</sub>= Participating Facilities
- F<sub>C</sub>= Cooperating Facilities
- F<sub>T</sub>=Total Facilities in Sampling Frame

$$R_{FP} = \frac{F_P}{F_T}$$

$$R_{FC} = \frac{F_{PC}}{F_T}$$

#### *Raw and Adjusted Patient Response Rates*

- I= All complete Interviews
- P= All partially complete interviews
- R= Refusals
- NC= Non-Contacts
- U= Cases of unknown eligibility
- e= Estimated Eligibility Rate
- e\*U= Expected number of eligible individuals among those cases with unknown eligibility status

Formulas used for Raw Response Rates:

$$RR_1 = \frac{(I+P)}{(I+P+R+NC+U)}$$

$$RR_2 = \frac{(I)}{(I+P+R+NC+U)}$$

Formulas used for Adjusted Response Rates:

$$RR_3 = \frac{(I+P)}{(I+P+R+NC+e*U)}$$

$$RR_4 = \frac{(I)}{(I+P+R+NC+e*U)}$$

Formulas for Combined Response Rate:

- $R_C$  = Combined Response Rate
- $R_{FP}$  = Facility Participation Rate

$$R_C = (R_{FP}) * (RR_3)$$

$$R_C = (R_{FP}) * (RR_4)$$