**Second Revision of the**

**Sample Plan for the 2010 Census Partnership Survey**

**Proportional Allocation**

**Universe size:** ~247,000 Partners listed in the Integrated Partner Contact Database

**Sample Size:** 7,502 = 1340 \* 5 + 802

**Strata:** 6 Strata Formed

|  |  |  |
| --- | --- | --- |
| **National Partners**  **(Self-representing Strata)** | *N* = 802  *n* = 802  Base Weight = 1.000 | |
| **State/Local/Tribal Government Agency Partner Strata** | *N* = 38,716  *n* = 1340  Base Weight = 28.8925  SE(0.50) = 0.02  90% CI: 0.50 +/- 0.03 | |
| **Community Organization Partner Strata**  **9** Strata based on Hard-to-Count and Value Added | | |
| Hard-to-Count | Value Added | |
| **Low**  *n* = 2,680  SE(0.50) = 0.01  90% CI: 0.50 +/- 0.02 | **$0**  *N* = 36,946  *n* = 1,340  Base Weight = 27.5716  SE(0.50) = 0.02  90% CI: 0.50 +/- 0.03 | **>$0**  *N* = 61,950  *n* = 1,340  Base Weight = 46.2313  SE(0.50) = 0.02  90% CI: 0.50 +/- 0.03 |
| **High**  *n* = 2,680  SE(0.50) = 0.01  90% CI: 0.50 +/- 0.02 | **$0**  *N* = 42,526  *n* = 1,340  Base Weight = 31.7358  SE(0.50) = 0.02  90% CI: 0.50 +/- 0.03 | **>$0**  *N* = 66,255  *n* = 1,340  Base Weight = 49.4440  SE(0.50) = 0.02  90% CI: 0.50 +/- 0.03 |

* Sample distributed proportionally to nonself-representing strata within Hard-to-Count Stratum.
* Sort within State/Local/Tribal stratum by Region, State, State Government Organizations, Regional Organizations, Tribal Organizations, Value Added, Member Count
* Sort within Hard-to-Count by Value Added stratum by Region, State, Partner Type, Number of Members
* This sampling plan will buy us:
  + Coverage of Partners in the Hard-to-Count score, Value Added score, region, and size of membership.
  + National Level Estimates will have a 90% confidence interval of +/- 1%.
  + Within each Hard-to-Count stratum we will have a 90% confidence interval of +/- 2%.
  + Within each Hard-to-Count by Value Added stratum we will have a 90% confidence interval of +/- 3%.
  + We will be able to detect differences in estimates of 4.26% (i.e. if the difference is more than 4.26% then the difference is significant.) at the Hard-to-Count stratum level.

**Assumptions:**

The assumptions made for this sampling plan:

* Initial response rate is 30% within each stratum.
* We will conduct a nonresponse follow-up of all NR cases with an assumption of 62% response.

These two estimates are used in determining the sample size.

**Weighting:** Base weight = Inverse of Probability of Selection

Nonresponse Adjustment: Inverse of propensity to response (based on logistic regression)

Second-stage Adjustment to Universe Totals

**Variance:** Implement a Stratified Jackknife Procedure