

# ON THE QUALITY OF AGE AND SEX DATA IN THE 774 LOCAL GOVERNMENT AREAS OF NIGERIA USING THE 2006 CENSUS: CAUTION FOR THE UPCOMING COUNT

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## **Abstract**

This study focuses on the quality of age and sex data in the 774 local government areas of Nigeria (except Kaura LGA, not published) using the 2006 census. The results indicate that all of the LGAs had very poor-quality age and sex data. The North-West state of Sokoto had the worst United Nations Joint Score (96.95), while Edo State in the South-South had the least Joint Score (22.81) among the states, indicating a better quality of data. Ukwuani LGA produced the best JS of 22.79, while Abadam LGA in the North-East state of Borno generated the worst JS of 162.54. The northern region of Nigeria is home to 330 (82.3%) of the 401 LGAs classified as grossly inaccurate based on the Joint Scores. Similarly, 50 out of the 60 LGAs with a UN JS above 100 are in the Northern Region. The notion that the Northern Region of Nigeria is larger than the Southern Region in population size may be a product of massive misreporting and random allocation of ages during the 2006 population census, as clearly seen in the NW and NE zones of Nigeria. Education of the populace, training and proper emoluments of enumerators and supervisors, punishment of census offenders, and digitization of the census process are recommended in the forthcoming census in Nigeria.

**Keywords:** *Census, Joint Score, age and sex data, Local Government Area, Nigeria*

## **Introduction**

The Federal Republic of Nigeria, through the National Population Commission, has scheduled to conduct another population census this year (2023). However, there is no study that has evaluated the accuracy of age and sex data from each of Nigeria's 774 local government areas using data from the 2006 Census. It is common knowledge that demographic parameters are often estimated using census data in the absence of a reliable civic registration system.

The development of social amenities in a nation is greatly aided by population counts (Udoh, 2020). Demographic information is used in the planning, development, and implementation of policies as well as the monitoring of programs. The validity of the underlying data determines the precision of the demographic parameter estimations required for this purpose. Data is always obtained, compiled, evaluated, and altered based on age and sex in all demographic questions

(Nwogu et al., 2018; Okoro, 2019). Age and sex also strongly correlate with socioeconomic characteristics like marriage, education, and employment, as well as demographic occurrences like migration, death, and fertility. The potential reproductive capacity of a community, the labor pool in a nation, and the demand for a range of essential goods and services are all significantly impacted by the age and sex makeup of a population. The formation of households, attendance at school, and marriage are all influenced by age. The consequences of age misreporting or age exaggeration are inaccurate estimates of fertility, mortality, and migration in developing countries.

There are a good number of papers on the quality of demographic data from Nigeria. Nwogu (2006, 2011) has demonstrated that the quality of age and sex data in Nigeria is relatively poor. Ages ending in 1, 3, 7, and 9 are often avoided, whereas the final numbers 0 and 5 are preferred. The pattern of errors noticed in the total census population of Nigerians by age and sex also persisted across the census data by state after evaluation (Nwogu et al., 2018). The following authors also arrived at similar forms of age misreporting (Udoh, 2020; Abbani et al., 2021), although they would have studied the local government areas instead of repeating some of the things done by Nwogu (2006, 2011; Nwogu et al., 2018) or at least citing his earlier studies.

Of these studies in the literature, none looked at the 774 local government areas in Nigeria. The errors observed at the national (Nwogu, 2006, 2011; Ohaegbulem, 2015), zonal (Nwogu et al., 2018; Okafor, 2018), and state (Nwogu et al., 2018; Udoh, 2020; Onwuka et al., 2021) levels are a result of local effects. This study is not intended to re-investigate the level of digit preference or digit avoidance in the 2006 population census but to examine the quality of data at the local level.

Nigeria will soon conduct another census, as mentioned above, and there is a high expectation that the quality of the age and sex data will improve greatly more than that of the previous censuses in 1963, 1991, and 2006, respectively. This can only be achieved if we are able to identify local government areas that are prone to large-scale misreporting errors (i.e., high-risk LGAs) and pay closer attention to them. Therefore, it is expected that the findings of this study on the quality of age and sex data in the 774 LGAs of Nigeria will inform the National Population Commission's planning for the upcoming census to improve the quality of data at local levels for grassroots development and to provide better base populations for accurate estimation of demographic parameters.

The ultimate objective is to evaluate the age and sex data by 5-year age groups from each of the 774 LGAs using the United Nations Age-Sex Accuracy index to determine the quality of the data given that accurate population projection, budget allocation, and base population for estimation of demographic parameters are centered on population census in most developing countries. The specific objectives are: (i) to assess the quality of age distributions in the 774 LGAs; (ii) to assess

the quality of age distributions in the 36 states and the Federal Capital; and (iii) to compare the results from the 6 geopolitical zones in Nigeria.

The article is divided into four sections. The first, second, third, and fourth sections of the report, in that order, include the introduction, materials and method, results and discussion, and conclusion.

## Materials and Method

### Data Sources

The 2006 population census was conducted between March 21st and 27th, 2006. The data used in this study is secondary data. The population distribution by age and sex from the States and Local Government Areas (LGAs) in Nigeria was extracted from the Priority Table Volume IV, a publication of the Federal Republic of Nigeria through the National Population Commission (NPC, 2010).

### Method of Solution

The United Nations (1955) Joint Score (JS), a single index for the joint evaluation of data on age and sex by 5-year age groups

$$JS = ARSM + ARSF + 3(SRS) \quad (1)$$

where according to Ramachandran (1989) for age group  $x - x+n$ , the Age Ratio (AR) is

$${}_nAR_x = \frac{{}_nP_x}{\frac{1}{4}({}_nP_{x-n} + 2{}_nP_x + {}_nP_{x+n})} \times 100 \quad (2)$$

Age Ratio Score for Male (ARSM) is

$${}_nARSM_x = \frac{1}{k-2} \sum_{i=2}^{k-2} |ARSM(i) - 100| \quad (3)$$

and Age Ratio Score for Female (ARSF)

$${}_n ARSF_x = \frac{1}{k-2} \sum_{i=2}^{k-2} |ARSF(i) - 100| \quad (4)$$

while the Sex Ratio Score (SRS) is defined as

$${}_n SRS_x = \frac{1}{k-1} \sum_{i=1}^k |SR(i) - SR(i-1)| \quad (5)$$

$k$  is the total number of age groups which is 15 in this present study (i.e. 0 – 4 through 70 – 74). When digit preference or avoidance is particularly pronounced, as it is in Nigeria, the Ramachandran version of AR is preferred.

**Table 1:** Interpretation of United Nations Joint Score

UN accuracy index	< 20	20 <= JS < 40	40 <= JS <= 60	JS > 60
Interpretation	Reliable	Usable with adjustment	Deficient	Grossly erroneous

## Results and Discussion

Using the 2006 Census, Table 2 shows the distributions of UN Joint Scores (JS) by states in Nigeria. It is observed that Sokoto State in the North-West (NW) has the worst JS (96.95) among the states, while Edo State in the South-South has the least JS (22.81), indicating a better quality of data in that state. Of the 36 states, 15 (41.7%) were adjudged deficient, 11 (30.6%) were grossly erroneous, and 10 (27.8%) may be usable with adjustment. However, out of the 26 states that are deficient and grossly erroneous, 18 (69.2%) are from the Northern region of Nigeria.

Table 3 (details in the appendix) shows the frequency distribution of the joint scores from the local government areas (LGAs) for each state. Of the age and sex data of each of the 773 local government areas evaluated (since data for Kaura LGA in Kaduna State was not published in the priority table), 401 (51.9%) LGAs were grossly erroneous, while 258 (33.4%) were adjudged deficient. The northern region of Nigeria is home to 330 (82.3%) of the 401 LGAs with grossly inaccurate data. While Sokoto State in the NW produced the worst JS among the states, it did not produce the LGA with the worst JS. The Abadam LGA in Borno State in the North-East (NE) of Nigeria produced the worst JS (162.54), while the Ukwuani LGA in Delta State (SS) has the best JS (22.79) among the 773 LGAs. This has shown the importance of the present study.

As shown in Table 4, there are 60 LGAs with JS values of 100 or above. 50 of the 60 LGAs with a UN JS of 100 or above are in the Northern Region. This indicates that 83.3% of LGAs with a JS of 100 or above are from the Northern Region. These LGAs are classified as "super high-risk" LGAs. The JS were consistently higher than zero in every LGA under review, which is the value that should be present when age and sex data are of high quality and accurately reported.

In the NE zone of Nigeria, there are 112 LGAs, as shown in Table 5, of which 12 were deficient and 91 were grossly erroneous. In the NW zone, there are 185 LGAs; 177 were grossly erroneous; 7 were deficient; and 1 was usable with adjustment. The NW zone appears to have the worst data based on the JS. These findings are in agreement with the studies by Nwogu et al. (2018) and Okafor (2018). The NC zone has 121 LGAs. The result shows that 5 LGAs can be used with adjustment, 54 LGAs were deficient, and 62 LGAs were grossly erroneous. The following zones: SW, SE, and SS have 137, 95, and 123 LGAs, respectively. Of the three zones in the southern region of Nigeria, SW has 37 LGAs that were grossly erroneous, followed by SS with 27, and SE with seven, based on the JS. Table 5 shows that there are 401 LGAs classified as grossly erroneous based on JS, the NE contributed 91 LGAs (22.7%), NW 177 (44.1%), the NC 62 (15.5%), the SW 37 (9.2%), the SE 7 (1.7%), and the SS 27 (6.7%). Furthermore, for those grouped as deficient and grossly erroneous (659 LGAs), NE contributed 112 LGAs (17.0%), NW 184 (27.9%), NC 116 (17.6%), SW 92 (14.0%), SE 68 (10.3%), and SS 87 (13.2%).

Table 5 further shows that the SW zone appeared to have better data quality in the 2006 census, followed by the SS and SE zones when assessed independently based on the number of LGAs adjudged deficient or grossly erroneous, and this finding is in agreement with the result of Okafor (2018). The study also agrees with the findings of Nwogu et al. (2018) and Okafor (2018) that in the NE and NW zones of Nigeria, the quality of the data was very poor. It may be that the enumerators did little or no visitation of households, as rightly observed by Okafor (2018). The figures are highly questionable, as it appears there was an arbitrary allocation of figures in the NW zone. Additionally, the reasons for the poor quality of the age and sex data are associated with the level of education of the respondents (Nwogu et al., 2018; Okoro, 2019). Given that age misreporting is thought to be most prevalent in regions with low educational levels, the fact that the southern Nigerian regions report significantly better than the northern region is not likely to be unrelated. In comparison to the southern part of the country, the northern area consistently has lower educational levels and greater rates of illiteracy (Nwogu, 2006, 2011; National Bureau of Statistics, 2015; Nwogu et al., 2018; Abbani and Pai, 2021).

**Table 2:** The United Nation Joint Scores by States in Nigeria using 2006 Census

S/N	State	ARSM	ARSF	SRS	JS	Remarks
1	ABIA	5.42	5.43	6.33	29.85	Usable with adjustment
2	ADAMAWA	6.17	11.22	15.06	62.56	Grossly erroneous
3	ANAMBRA	6.48	4.39	9.74	40.09	Deficient
4	AKWA IBOM	7.64	6.60	9.81	43.66	Deficient

5	BAUCHI	11.38	13.46	13.77	66.16	Grossly erroneous
6	BAYELSA	9.26	6.82	12.67	54.09	Deficient
7	BENUE	8.58	11.86	12.10	56.75	Deficient
8	BORNO	13.16	16.63	15.51	76.32	Grossly erroneous
9	CROSS RIVER	7.82	8.19	8.69	42.08	Deficient
10	DELTA	5.05	4.64	5.39	25.86	Usable with adjustment
11	EBONYI	7.96	7.43	8.23	40.08	Deficient
12	EDO	3.79	4.42	4.87	22.81	Usable with adjustment
13	EKITI	8.75	4.77	14.82	57.98	Deficient
14	ENUGU	5.88	5.62	8.21	36.12	Usable with adjustment
15	GOMBE	8.70	11.29	13.94	61.82	Grossly erroneous
16	IMO	6.36	4.72	8.58	36.84	Usable with adjustment
17	JIGAWA	18.40	18.74	13.29	77.01	Grossly erroneous
18	KADUNA	6.87	9.93	11.81	52.23	Deficient
19	KANO	13.51	16.54	15.77	77.36	Grossly erroneous
20	KATSINA	13.48	14.89	12.92	67.12	Grossly erroneous
21	KEBBI	12.13	16.82	18.53	84.53	Grossly erroneous
22	KOGI	9.32	9.16	10.12	48.85	Deficient
23	KWARA	7.83	8.22	7.59	38.81	Usable with adjustment
24	LAGOS	3.77	5.35	9.53	37.71	Usable with adjustment
25	NASARAWA	7.67	9.72	11.32	51.34	Deficient
26	NIGER	9.35	11.22	12.88	59.20	Deficient
27	OGUN	3.74	5.57	7.21	30.95	Usable with adjustment
28	ONDO	7.33	7.00	6.87	34.94	Usable with adjustment
29	OSUN	7.68	5.57	9.40	41.44	Deficient
30	OYO	5.84	5.42	6.02	29.33	Usable with adjustment
31	PLATEAU	4.44	8.15	11.71	47.71	Deficient
32	RIVER	7.52	5.82	10.84	45.86	Deficient
33	SOKOTO	12.57	18.05	22.11	96.95	Grossly erroneous
34	TARABA	8.70	11.05	12.41	56.97	Deficient
35	YOBE	16.20	18.39	14.41	77.83	Grossly erroneous
36	ZAMFARA	14.53	18.73	19.97	93.16	Grossly erroneous
37	FCT ABUJA	5.36	6.60	20.57	73.68	Grossly erroneous

**Table 3:** Summary of LGAs' performances in each state based on the UN Joint Score

S/N	State	Usable with adjustment	Deficient	Grossly erroneous	Total number of LGA
1	ABIA	7	10	-	17
2	ADAMAWA	-	7	14	21
3	ANAMBRA	5	14	2	21
4	AKWA IBOM	3	19	9	31
5	BAUCHI	-	2	18	20
6	BAYELSA	-	3	5	8
7	BENUE	-	10	13	23

8	BORNO	-	1	26	27
9	CROSS RIVER	-	14	4	18
10	DELTA	16	9	-	25
11	EBONYI	1	11	1	13
12	EDO	14	4	-	18
13	EKITI	1	4	11	16
14	ENUGU	4	13	-	17
15	GOMBE	-	3	8	11
16	IMO	10	13	4	27
17	JIGAWA	-	-	27	27
18	KADUNA	1	7	14	22
19	KANO	-	-	44	44
20	KATSINA	-	-	34	34
21	KEBBI	-	-	21	21
22	KOGI	-	14	7	21
23	KWARA	3	5	8	16
24	LAGOS	9	9	2	20
25	NASARAWA	-	8	5	13
26	NIGER	-	4	21	25
27	OGUN	14	6	-	20
28	ONDO	3	11	4	18
29	OSUN	7	13	10	30
30	OYO	11	12	10	33
31	PLATEAU	2	11	4	17
32	RIVER	3	11	9	23
33	SOKOTO	-	-	23	23
34	TARABA	-	8	8	16
35	YOBE	-	-	17	17
36	ZAMFARA	-	-	14	14
37	FCT ABUJA	-	2	4	6
	<b>TOTAL</b>	<b>114</b>	<b>258</b>	<b>401</b>	<b>773</b>

**Note:** Data for Kaura LGA in Kaduna State was not published in priority table.

**Table 4:** Distribution of LGAs with UN Joint Scores of 100 and Above

S/N	STATE	LGA	ZONE	ARSM	ARSF	SRS	JS
1	AKWA IBOM	EASTERN OBOLO	SS	11.31	8.19	33.31	119.42
2	AKWA IBOM	NSIT ATAI	SS	10.29	4.83	35.60	121.94
3	BORNO	ABADAM	NE	14.81	24.03	41.23	<b>162.54</b>
4	BORNO	GUBIO	NE	18.92	16.15	23.06	104.25
5	BORNO	GUZAMALA	NE	15.45	12.17	24.16	100.08
6	BORNO	JERE	NE	10.59	17.63	26.49	107.69
7	BORNO	MOBBAR	NE	16.97	20.21	23.32	107.15



8	BORNO	NGALA	NE	10.20	17.23	31.08	120.67
9	CROSS RIVER	BAKASSI	SS	10.03	7.45	36.13	125.88
10	EKITI	AIYEKIRE	SW	10.51	7.31	27.94	101.64
11	EKITI	EMURE	SW	10.74	5.65	36.59	126.15
12	EKITI	ILEJEMEJI	SW	10.64	4.64	35.28	121.11
13	EKITI	MOBA	SW	10.19	4.27	28.52	100.02
14	JIGAWA	BIRINIWA	NW	19.51	17.30	21.44	101.13
15	JIGAWA	GARKI	NW	22.14	20.50	20.73	104.83
16	JIGAWA	JAHUN	NW	23.03	22.26	19.07	102.52
17	JIGAWA	KIYAWA	NW	22.02	20.71	20.80	105.12
18	KANO	DALA	NW	6.30	12.19	30.17	109.01
19	KANO	FAGGE	NW	5.45	11.96	35.62	124.28
20	KANO	GARUM MALLAM	NW	17.85	18.12	22.01	102.02
21	KANO	GWALE	NW	6.87	13.58	42.14	146.87
22	KANO	KABO	NW	15.79	19.50	22.34	102.30
23	KANO	KANO MUNICIPAL	NW	6.23	11.62	28.27	102.66
24	KANO	KUMBOTSO	NW	9.16	13.74	26.69	102.98
25	KANO	NASARAWA	NW	5.97	12.79	30.58	110.49
26	KANO	WARAWA	NW	19.80	22.31	20.37	103.24
27	KEBBI	BAGUDO	NW	13.99	18.94	22.50	100.44
28	KEBBI	JEGA	NW	12.35	18.29	24.00	102.64
29	KEBBI	YAURI	NW	8.32	16.56	31.85	120.41
30	KWARA	OKE-ERO	NC	9.20	14.67	26.63	103.76
31	OSUN	BORIFE	SW	9.24	3.62	31.30	106.76
32	OYO	IWAJOWA	SW	9.87	5.49	29.56	104.04
33	RIVER	TAI	SS	11.91	14.35	29.21	113.89
34	SOKOTO	BODINGA	NW	13.08	18.00	23.48	101.51
35	SOKOTO	DANGE-SHUNI	NW	10.42	17.15	27.85	111.11
36	SOKOTO	GADA	NW	16.69	21.60	22.06	104.47
37	SOKOTO	GORONYO	NW	15.90	20.98	21.60	101.69
38	SOKOTO	GWADABAWA	NW	15.68	21.14	25.38	112.94
39	SOKOTO	ILLELA	NW	13.21	18.75	23.68	102.99
40	SOKOTO	KWARE	NW	13.87	18.25	24.71	106.25
41	SOKOTO	RABAH	NW	16.89	21.48	21.69	103.43
42	SOKOTO	SABON BIRNI	NW	16.38	22.94	29.06	126.50
43	SOKOTO	SILAME	NW	13.98	18.82	24.68	106.86
44	SOKOTO	SOKOTO SOUTH	NW	3.93	12.39	28.65	102.28
45	SOKOTO	TURETA	NW	12.48	19.69	35.06	137.36
46	SOKOTO	WAMAKKO	NW	11.73	18.93	27.38	112.81
47	SOKOTO	WURNO	NW	13.73	19.96	26.35	112.74
48	SOKOTO	YABO	NW	11.04	16.64	25.06	102.86
49	YOBE	BADE	NE	14.04	18.77	22.86	101.39
50	YOBE	DAMATURU	NE	11.97	18.24	33.30	130.10



51	YOBE	MACHINA	NE	19.25	17.72	23.16	106.46
52	YOBE	YUNUSARI	NE	22.44	22.47	21.46	109.30
53	YOBE	YUSUFARI	NE	22.04	25.95	20.20	108.60
54	ZAMFARA	BAKURA	NW	16.78	22.00	26.28	117.60
55	ZAMFARA	BIRNIN MAGAJI	NW	16.90	21.25	21.17	101.66
56	ZAMFARA	GUMMI	NW	17.35	22.45	25.72	116.97
57	ZAMFARA	GUSAU	NW	8.47	15.91	27.95	108.23
58	ZAMFARA	SHINKAFI	NW	19.56	22.80	20.43	103.66
59	ZAMFARA	TALATA MAFARA	NW	14.13	19.19	24.30	106.23
60	ZAMFARA	TSAFE	NW	12.92	17.81	24.64	104.64

**Table 5:** Summary of LGAs' performances in the six geopolitical zones based on the UN Joint Score

S/N	ZONE	Usable with adjustment	Deficient	Grossly erroneous	Total number of LGA
<b>NORTH EAST</b>					
1	ADAMAWA	-	7	14	21
2	BAUCHI	-	2	18	20
3	BORNO	-	1	26	27
4	TARABA	-	8	8	16
5	GOMBE	-	3	8	11
6	YOBE	-		17	17
<b>Subtotal</b>		<b>0</b>	<b>21</b>	<b>91</b>	<b>112</b>
<b>NORTH WEST</b>					
1	JIGAWA	-	-	27	27
2	KADUNA	1	7	14	22
3	KANO	-	-	44	44
4	KATSINA	-	-	34	34
5	KEBBI	-	-	21	21
6	SOKOTO	-	-	23	23
7	ZAMFARA	-	-	14	14
<b>Subtotal</b>		<b>1</b>	<b>7</b>	<b>177</b>	<b>185</b>
<b>NORTH CENTRAL</b>					
1	BENUE	-	10	13	23
2	FCT ABUJA	-	2	4	6
3	KOGI	-	14	7	21
4	KWARA	3	5	8	16
5	NASARAWA	-	8	5	13
6	NIGER	-	4	21	25
7	PLATEAU	2	11	4	17
<b>Subtotal</b>		<b>5</b>	<b>54</b>	<b>62</b>	<b>121</b>

	<b>SOUTH WEST</b>				
1	EKITI	1	4	11	16
2	LAGOS	9	9	2	20
3	OGUN	14	6	-	20
4	ONDO	3	11	4	18
5	OSUN	7	13	10	30
6	OYO	11	12	10	33
<b>Subtotal</b>		<b>45</b>	<b>55</b>	<b>37</b>	<b>137</b>
	<b>SOUTH EAST</b>				
1	ABIA	7	10	-	17
2	ANAMBRA	5	14	2	21
3	EBONYI	1	11	1	13
4	ENUGU	4	13	-	17
5	IMO	10	13	4	27
<b>Subtotal</b>		<b>27</b>	<b>61</b>	<b>7</b>	<b>95</b>
	<b>SOUTH SOUTH</b>				
1	AKWA IBOM	3	19	9	31
2	BAYELSA	-	3	5	8
3	CROSS RIVER	-	14	4	18
4	DELTA	16	9	-	25
5	EDO	14	4	-	18
6	RIVER	3	11	9	23
<b>Subtotal</b>		<b>36</b>	<b>60</b>	<b>27</b>	<b>123</b>
<b>TOTAL</b>		<b>114</b>	<b>258</b>	<b>401</b>	<b>773</b>

## Conclusion

The result shows that the quality of age distributions in the local government areas of Nigeria using the 2006 census is very poor. It is worthy of note that some of the policies and interventions of the Nigerian government are built on this erroneous base population, such as population projections, budget allocation, social amenities, health care coverage, etc. No meaningful development can take place in any nation with grossly incorrect data. The implication of a poor census outcome is poor planning, which may result in inadequate economic growth and development for a nation. If a country does not have good population records, it cannot allocate its resources fairly, and this may indirectly affect the standard of living, increase poverty, and widen the spread of diseases that result in a high mortality rate often observed in developing countries (such as Nigeria). The secondary way of addressing the limitations observed in the 2006 Nigeria census age distributions is to adjust them using indirect techniques. However, because of the very poor quality of the Nigerian data, adjustment often fails to yield the desired result. One set of adjustments, according to studies, was insufficient to improve the deficient Nigeria censuses of 1963, 1991, and 2006. After analyzing the adjusted data, a second

correction was necessary for the censuses (Nwogu and Okoro, 2017; Okoro and Nwogu, 2019). A second adjustment may smooth out genuine age distributions in the population, which will affect the estimates of demographic parameters (mortality, fertility, migration, etc.) from the age distributions of the censuses.

It is wrong to pay lip service during population counts so that age and sex data can later be adjusted through the use of indirect techniques. The National Population Commission should review the findings of this study and pay more attention to LGAs with the worst quality of data without neglecting others because the dynamics of two censuses may not be the same. Meanwhile, the Nigerian people should be educated. In addition, digitization of the census process should be implemented in Nigeria to eliminate some avoidable errors and human manipulations. When in doubt, enumerators should be urged to confirm age information from birth registration certificates with thorough cross-examination.

The questionnaires should have questions that enable the enumerators to input accurate ages. For example, questions like "What is your age?" Then, when were you born? should be included in the questionnaire to ascertain the true age of a respondent. It is advisable to exercise attention and caution while accepting the customary practice of receiving information from the head of household regarding every member of the household during population count. A Global Positioning System (GPS) tracker should be installed in the devices used to collect data to monitor the enumerators to ensure that the data collected is from the enumeration area assigned to them to avoid double counting or the mass allocation of figures without going to the field. Training and proper emolument of enumerators and supervisors should be taken seriously. Enactment and enforcement of a law should be put in place for the trial of enumerators, supervisors, or any person that tries to interfere in the census process at any stage. NPC should choose enumerators and supervisors that can be easily held accountable, such as lecturers, civil servants, undergraduates, National Youth Service Corps (NYSC) members, etc.

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**Appendix:** Distribution of UN Joint Score by LGAs for the 2006 Nigerian Census

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>ABIA STATE</b>	SE	5.42	5.43	6.33	29.85	Usable with adjustment
1	Aba North	SE	3.46	5.47	13.15	48.38	Deficient
2	Aba South	SE	5.93	4.71	11.69	45.70	Deficient
3	Arochuku	SE	6.44	6.10	7.79	35.92	Usable with adjustment
4	Bende	SE	3.75	5.45	9.43	37.50	Usable with adjustment
5	Ikwuano	SE	5.64	5.45	9.86	40.67	Deficient
6	Isiala-Ngwa North	SE	6.07	6.97	7.25	34.79	Usable with adjustment
7	Isiala-Ngwa South	SE	8.10	9.32	10.41	48.64	Deficient
8	Isiukwuato	SE	5.78	6.96	9.09	40.00	Deficient
9	Obi Ngwa	SE	7.05	8.66	9.56	44.38	Deficient
10	Ohafia	SE	5.37	5.36	7.72	33.89	Usable with adjustment
11	Osisioma Ngwa	SE	5.23	6.48	9.64	40.64	Deficient
12	Ugwunagbo	SE	7.58	6.24	10.18	44.36	Deficient
13	Ukwa East	SE	7.09	3.87	12.98	49.90	Deficient
14	Ukwa West	SE	7.46	7.33	7.82	38.25	Usable with adjustment
15	Umuahia North	SE	4.40	4.42	6.37	27.93	Usable with adjustment
16	Umuahia South	SE	3.84	4.96	7.25	30.54	Usable with adjustment
17	Umu-Nneochi	SE	7.76	6.20	9.63	42.84	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>ADAMAWA STATE</b>	NE	6.17	11.22	15.06	62.56	Grossly erroneous
1	Demsa	NE	5.18	9.24	13.66	55.42	Deficient
2	Fufore	NE	9.30	14.88	20.13	84.55	Grossly erroneous
3	Ganye	NE	7.53	12.94	17.75	73.71	Grossly erroneous
4	Girei	NE	7.71	12.11	17.42	72.08	Grossly erroneous
5	Gombi	NE	7.26	11.52	14.38	61.92	Grossly erroneous
6	Guyuk	NE	7.87	8.89	8.80	43.17	Deficient
7	Hong	NE	5.14	12.93	18.70	74.18	Grossly erroneous
8	Jada	NE	8.29	14.97	18.86	79.83	Grossly erroneous
9	Lamurde	NE	7.89	8.67	10.46	47.94	Deficient
10	Madagali	NE	7.43	14.35	17.55	74.42	Grossly erroneous
11	Maiha	NE	8.27	12.83	18.92	77.86	Grossly erroneous
12	Mayo-Belwa	NE	6.18	13.24	19.62	78.27	Grossly erroneous
13	Michika	NE	6.34	10.69	12.14	53.45	Deficient
14	Mubi North	NE	3.92	8.97	14.10	55.19	Deficient
15	Mubi South	NE	2.61	12.16	28.29	99.63	Grossly erroneous
16	Numan	NE	3.72	9.03	16.47	62.16	Grossly erroneous
17	Shelleng	NE	9.60	10.36	11.48	54.41	Deficient
18	Song	NE	8.66	11.11	12.72	57.94	Deficient
19	Toungo	NE	10.78	15.45	22.40	93.42	Grossly erroneous

20	Yola North	NE	3.62	5.53	18.17	63.67	Grossly erroneous
21	Yola South	NE	3.71	8.69	19.49	70.87	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>AKWA IBOM STATE</b>	SS	7.64	6.60	9.81	43.66	Deficient
1	Abak	SS	7.98	6.76	11.08	47.96	Deficient
2	Eastern Obolo	SS	11.31	8.19	33.31	<b>119.42</b>	Grossly erroneous
3	Eket	SS	5.40	4.50	11.52	44.45	Deficient
4	Esit-Eket	SS	11.77	7.58	22.85	87.90	Grossly erroneous
5	Essien Udim	SS	8.65	6.36	11.17	48.50	Deficient
6	Etim Ekpo	SS	10.20	8.49	12.20	55.30	Deficient
7	Etinan	SS	7.83	5.38	13.99	55.20	Deficient
8	Ibena	SS	8.59	7.67	10.43	47.55	Deficient
9	Ibesikpo Asutan	SS	7.07	7.15	7.22	35.88	Usable with adjustment
10	Ibiono Ibom	SS	8.55	7.17	13.44	56.03	Deficient
11	Ika	SS	10.06	5.01	17.57	67.77	Grossly erroneous
12	Ikono	SS	8.62	5.23	14.82	58.31	Deficient
13	Ikot Abasi	SS	6.76	6.69	12.91	52.19	Deficient
14	Ikot Ekpene	SS	6.12	8.39	11.20	48.12	Deficient
15	Ini	SS	8.96	7.91	13.66	57.84	Deficient
16	Itu	SS	7.20	7.34	19.32	72.50	Grossly erroneous
17	Mbo	SS	10.27	7.07	15.37	63.44	Grossly erroneous
18	Mkpat Enin	SS	8.67	9.12	9.88	47.42	Deficient
19	Nsit Atai	SS	10.29	4.83	35.60	<b>121.94</b>	Grossly erroneous
20	Nsit Ibom	SS	6.37	4.57	12.30	47.83	Deficient
21	Nsit Ubium	SS	6.36	7.00	14.37	56.49	Deficient
22	Obot Akara	SS	5.64	6.73	12.33	49.35	Deficient
23	Okobo	SS	9.96	8.11	9.40	46.26	Deficient
24	Onna	SS	4.17	6.68	17.77	64.16	Grossly erroneous
25	Oron	SS	6.36	6.55	8.06	37.10	Usable with adjustment
26	Oruk Anam	SS	8.57	8.31	8.65	42.84	Deficient
27	Udung Uko	SS	7.83	4.75	21.19	76.15	Grossly erroneous
28	Ukanafun	SS	9.00	6.48	10.85	48.02	Deficient
29	Uruan	SS	8.40	5.79	14.45	57.53	Deficient
30	Urue-Offong/Oruko	SS	7.73	9.98	21.08	80.93	Grossly erroneous
31	Uyo	SS	6.07	7.17	8.12	37.59	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>ANAMBRA STATE</b>	SE	6.48	4.39	9.74	40.09	Deficient
1	Aguata	SE	6.85	3.93	13.81	52.22	Deficient
2	Anambra East	SE	8.70	6.52	10.69	47.30	Deficient
3	Anambra West	SE	9.20	7.52	11.18	50.25	Deficient
4	Anaocha	SE	6.53	4.87	9.71	40.52	Deficient
5	Awka North	SE	7.43	4.33	12.54	49.37	Deficient
6	Awka South	SE	5.37	4.49	7.05	31.01	Usable with adjustment
7	Ayamelum	SE	10.47	9.37	13.00	58.85	Deficient
8	Dunukofia	SE	6.66	3.34	14.36	53.09	Deficient
9	Ekwusigo	SE	6.37	3.91	13.54	50.90	Deficient
10	Idemili North	SE	5.52	3.47	10.05	39.13	Usable with adjustment
11	Idemili South	SE	5.45	3.53	12.07	45.20	Deficient
12	Ihiala	SE	7.27	5.83	9.80	42.51	Deficient
13	Njikoka	SE	5.19	4.29	7.52	32.03	Usable with adjustment
14	Nnewi North	SE	3.53	4.67	8.60	34.00	Usable with adjustment
15	Nnewi South	SE	5.61	4.80	8.99	37.40	Usable with adjustment
16	Ogbaru	SE	6.90	3.92	14.57	54.54	Deficient
17	Onitsha North	SE	5.18	4.42	11.77	44.89	Deficient
18	Onitsha South	SE	6.71	3.97	20.25	71.43	Grossly erroneous
19	Orumba North	SE	7.30	5.46	9.63	41.63	Deficient
20	Orumba South	SE	10.69	6.41	15.59	63.87	Grossly erroneous
21	Oyi	SE	8.04	5.71	9.87	43.36	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>BAYELSA STATE</b>	SS	9.26	6.82	12.67	54.09	Deficient
1	Brass	SS	8.14	6.42	11.46	48.94	Deficient
2	Ekeremor	SS	12.01	7.48	17.92	73.25	Grossly erroneous
3	Kolokuma/ Opokuma	SS	10.03	5.72	15.41	61.98	Grossly erroneous
4	Nembe	SS	8.26	7.81	8.74	42.28	Deficient
5	Ogbia	SS	9.49	8.00	15.79	64.84	Grossly erroneous
6	Sagbama	SS	9.10	5.72	15.97	62.72	Grossly erroneous
7	Southern Ijaw	SS	8.96	7.55	9.69	45.58	Deficient
8	Yenegoa	SS	8.60	5.96	15.43	60.84	Grossly erroneous



S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>BAUCHI STATE</b>	NE	11.38	13.46	13.77	66.16	Grossly erroneous
1	Alkaleri	NE	11.41	12.52	10.94	56.74	Deficient
2	Bauchi	NE	4.80	9.73	19.02	71.57	Grossly erroneous
3	Bogoro	NE	5.67	10.27	14.45	59.28	Deficient
4	Damban	NE	13.82	15.13	16.49	78.42	Grossly erroneous
5	Darazo	NE	13.06	14.94	11.73	63.19	Grossly erroneous
6	Dass	NE	7.99	11.89	21.52	84.44	Grossly erroneous
7	Gamawa	NE	14.23	14.67	18.74	85.11	Grossly erroneous
8	Ganjuwa	NE	12.70	16.45	19.13	86.54	Grossly erroneous
9	Giade	NE	10.61	13.09	20.30	84.62	Grossly erroneous
10	Itas/Gadau	NE	16.83	15.63	16.29	81.33	Grossly erroneous
11	Jama'are	NE	14.29	12.36	16.59	76.41	Grossly erroneous
12	Katagum	NE	10.95	14.81	18.55	81.41	Grossly erroneous
13	Kirfi	NE	11.01	14.64	20.35	86.69	Grossly erroneous
14	Misau	NE	11.39	12.85	17.12	75.61	Grossly erroneous
15	Ningi	NE	14.45	14.95	11.95	65.26	Grossly erroneous
16	Shira	NE	14.47	14.97	13.48	69.90	Grossly erroneous
17	Tafawa-Balewa	NE	7.02	11.38	15.36	64.48	Grossly erroneous
18	Toro	NE	10.18	13.46	14.60	67.42	Grossly erroneous
19	Warji	NE	11.76	14.60	13.91	68.08	Grossly erroneous
20	Zaki	NE	15.62	13.92	17.46	81.93	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>BENUE STATE</b>	NC	8.58	11.86	12.10	56.75	Deficient
1	Ado	NC	10.81	12.11	11.88	58.55	Deficient
2	Aguta	NC	12.14	14.80	16.04	75.05	Grossly erroneous
3	Guma	NC	10.13	10.40	11.73	55.71	Deficient
4	Gwer East	NC	9.37	15.40	18.46	80.14	Grossly erroneous
5	Gwer West	NC	12.27	13.07	11.12	58.69	Deficient
6	Katsina Ala	NC	8.58	13.48	14.59	65.82	Grossly erroneous
7	Konshisha	NC	8.63	13.16	15.73	68.97	Grossly erroneous
8	Kwande	NC	9.03	13.33	14.39	65.53	Grossly erroneous
9	Logo	NC	11.06	12.41	12.82	61.94	Grossly erroneous
10	Makurdi	NC	4.86	9.09	19.19	71.51	Grossly erroneous
11	Obi	NC	11.12	14.05	13.71	66.31	Grossly erroneous
12	Ogbadibo	NC	7.33	9.44	10.63	48.66	Deficient
13	Ohimini	NC	7.09	12.14	20.00	79.22	Grossly erroneous
14	Oju	NC	10.12	13.76	13.76	65.15	Grossly erroneous
15	Okpokwu	NC	9.43	11.27	10.22	51.36	Deficient
16	Oturkpo	NC	7.90	10.48	12.29	55.25	Deficient
17	Tarka	NC	5.79	9.01	12.66	52.78	Deficient
18	Ukum	NC	11.34	14.34	12.47	63.09	Grossly erroneous

19	Ushongo	NC	9.28	12.57	11.98	57.79	Deficient
20	Vandeikya	NC	8.14	11.73	14.83	64.36	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>BORNO STATE</b>	NE	13.16	16.63	15.51	76.32	Grossly erroneous
1	Abadam	NE	14.81	24.03	41.23	<b>162.54</b>	Grossly erroneous
2	Askira/Uba	NE	8.25	9.96	12.97	57.11	Deficient
3	Bama	NE	18.94	21.79	15.60	87.52	Grossly erroneous
4	Bayo	NE	13.39	15.92	15.29	75.17	Grossly erroneous
5	Biu	NE	8.75	14.47	20.87	85.82	Grossly erroneous
6	Chibok	NE	7.90	8.89	19.80	76.17	Grossly erroneous
7	Dambo	NE	15.69	16.49	12.71	70.30	Grossly erroneous
8	Dikwa	NE	16.78	16.07	16.85	83.40	Grossly erroneous
9	Gubio	NE	18.92	16.15	23.06	<b>104.25</b>	Grossly erroneous
10	Guzamala	NE	15.45	12.17	24.16	<b>100.08</b>	Grossly erroneous
11	Gwoza	NE	11.87	12.76	12.61	62.46	Grossly erroneous
12	Hawul	NE	10.16	14.90	13.64	65.97	Grossly erroneous
13	Jere	NE	10.59	17.63	26.49	<b>107.69</b>	Grossly erroneous
14	Kaga	NE	20.04	21.54	15.86	89.15	Grossly erroneous
15	Kala/Balge	NE	12.47	14.02	12.61	64.33	Grossly erroneous
16	Konduga	NE	20.41	24.04	14.97	89.37	Grossly erroneous
17	Kukawa	NE	14.07	18.31	21.17	95.88	Grossly erroneous
18	Kwaya Kusar	NE	12.50	17.37	21.17	93.37	Grossly erroneous
19	Mafa	NE	18.59	20.65	20.09	99.52	Grossly erroneous
20	Magumeri	NE	19.99	20.25	17.34	92.27	Grossly erroneous
21	Maiduguri	NE	6.42	13.72	26.24	98.85	Grossly erroneous
22	Marte	NE	15.91	19.89	19.75	95.05	Grossly erroneous
23	Mobbar	NE	16.97	20.21	23.32	<b>107.15</b>	Grossly erroneous
24	Monguno	NE	17.37	20.72	17.58	90.82	Grossly erroneous
25	Ngala	NE	10.20	17.23	31.08	<b>120.67</b>	Grossly erroneous
26	Nganzai	NE	14.47	16.98	19.76	90.74	Grossly erroneous
27	Shani	NE	11.48	14.00	24.19	98.05	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>CROSS RIVER STATE</b>	SS	7.82	8.19	8.69	42.08	Deficient
1	Abi	SS	9.63	7.01	13.54	57.27	Deficient
2	Akamkpa	SS	8.98	9.20	10.45	49.53	Deficient
3	Akpabuyo	SS	9.99	8.96	9.78	48.28	Deficient
4	Bakassi	SS	10.03	7.45	36.13	<b>125.88</b>	Grossly erroneous
5	Bekwara	SS	7.39	7.44	11.18	48.35	Deficient
6	Biase	SS	10.03	8.44	13.18	58.02	Deficient
7	Boki	SS	8.51	9.17	9.41	45.91	Deficient
8	Calabar South	SS	5.04	8.74	22.07	80.00	Grossly erroneous
9	Calabar-Municipal	SS	5.73	7.56	24.13	85.69	Grossly erroneous
10	Etung	SS	7.99	9.35	11.47	51.75	Deficient
11	Ikom	SS	7.62	9.94	10.50	49.07	Deficient
12	Obanliku	SS	6.28	7.11	10.59	45.16	Deficient
13	Obubra	SS	9.15	8.12	14.76	61.54	Grossly erroneous
14	Obudu	SS	8.12	7.69	12.33	52.79	Deficient
15	Odukpani	SS	9.71	8.08	10.54	49.42	Deficient
16	Ogoja	SS	6.84	8.16	9.94	44.82	Deficient
17	Yakurr	SS	8.17	9.92	10.44	49.41	Deficient
18	Yala	SS	10.02	9.19	9.72	48.36	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>DELTA STATE</b>	SS	5.05	4.64	5.39	25.86	Usable with adjustment
1	Aniocha North	SS	4.47	4.68	6.63	29.05	Usable with adjustment
2	Aniocha South	SS	4.07	5.78	6.72	30.02	Usable with adjustment
3	Bomadi	SS	3.08	7.85	16.18	59.47	Deficient
4	Burutu	SS	9.79	8.43	10.88	50.86	Deficient
5	Ethiope East	SS	7.61	4.64	11.01	45.28	Deficient
6	Ethiope West	SS	7.92	5.73	10.60	45.46	Deficient
7	Ika North East	SS	3.29	4.55	7.60	30.62	Usable with adjustment
8	Ika South	SS	4.64	4.50	4.67	23.15	Usable with adjustment
9	Isoko North	SS	4.65	5.07	8.51	35.25	Usable with adjustment
10	Isoko South	SS	7.01	6.80	7.31	35.74	Usable with adjustment
11	Ndakwa East	SS	6.30	5.32	6.21	30.24	Usable with adjustment
12	Ndakwa West	SS	4.86	4.72	7.32	31.53	Usable with adjustment
13	Okpe	SS	6.53	6.55	8.23	37.79	Usable with adjustment
14	Oshimili North	SS	4.66	5.45	5.79	27.48	Usable with adjustment
15	Oshimili South	SS	3.72	5.74	11.02	42.52	Deficient
16	Patani	SS	8.23	4.49	13.30	52.63	Deficient
17	Sapele	SS	2.80	3.15	6.46	25.33	Usable with adjustment
18	Udu	SS	4.32	4.57	11.75	44.14	Deficient

19	Ughelli North	SS	6.19	4.28	8.92	37.23	Usable with adjustment
20	Ughelli South	SS	6.63	4.68	8.89	37.99	Usable with adjustment
21	Ukwuani	SS	3.69	2.28	5.61	<b>22.79</b>	Usable with adjustment
22	Uvwie	SS	2.24	4.13	10.07	36.59	Usable with adjustment
23	Warri North	SS	8.58	6.90	11.88	51.11	Deficient
24	Warri South	SS	3.81	3.59	7.65	30.35	Usable with adjustment
25	Warri South West	SS	7.00	4.23	14.75	55.46	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>EBONYI STATE</b>	SE	7.96	7.43	8.23	40.08	Deficient
1	Abakaliki	SE	5.78	6.40	9.94	41.99	Deficient
2	Afikpo North	SE	4.62	4.76	11.64	44.29	Deficient
3	Afikpo South	SE	7.82	7.61	14.07	57.63	Deficient
4	Ebonyi	SE	8.97	7.07	13.21	55.67	Deficient
5	Ezza North	SE	8.43	7.99	8.11	40.76	Deficient
6	Ezza South	SE	9.19	6.32	10.76	47.79	Deficient
7	Ikwo	SE	11.02	12.46	9.93	53.28	Deficient
8	Ishielu	SE	10.61	8.83	17.26	71.22	Grossly erroneous
9	Ivo	SE	8.01	5.84	12.67	51.85	Deficient
10	Izzi	SE	9.97	10.10	9.33	48.08	Deficient
11	Ohaozara	SE	7.54	7.37	11.72	50.06	Deficient
12	Ohaukwu	SE	9.04	8.55	9.62	46.46	Deficient
13	Onicha	SE	7.28	5.75	8.09	37.31	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>EDO STATE</b>	SS	3.79	4.42	4.87	22.81	Usable with adjustment
1	Akoko-Edo	SS	7.77	5.05	12.59	50.58	Deficient
2	Egor	SS	4.99	3.96	8.55	34.59	Usable with adjustment
3	Esan Central	SS	3.28	3.55	6.18	25.38	Usable with adjustment
4	Esan North East	SS	6.02	5.53	6.93	32.33	Usable with adjustment
5	Esan South East	SS	6.80	5.10	8.91	38.63	Usable with adjustment
6	Esan West	SS	5.74	5.10	8.51	36.38	Usable with adjustment
7	Etsako Central	SS	4.29	7.11	13.33	51.39	Deficient
8	Etsako East	SS	6.05	8.75	11.19	48.38	Deficient
9	Etsako West	SS	4.80	4.43	7.41	31.47	Usable with adjustment
10	Igueben	SS	4.54	4.40	7.47	31.36	Usable with adjustment
11	Ikpoba-Okha	SS	3.21	3.31	7.65	29.46	Usable with adjustment
12	Oredo	SS	3.82	3.77	5.99	25.55	Usable with adjustment
13	Orhionmwon	SS	3.77	4.51	6.92	29.04	Usable with adjustment
14	Ovia North East	SS	4.31	5.51	9.26	37.59	Usable with adjustment
15	Ovia South West	SS	6.97	7.24	8.07	38.42	Usable with adjustment

16	Owan East	SS	5.98	6.82	10.17	43.32	Deficient
17	Owan West	SS	5.06	4.79	5.90	27.55	Usable with adjustment
18	Uhunmwonde	SS	2.00	4.40	10.09	36.67	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>EKITI STATE</b>	SW	8.75	4.77	14.82	57.98	Deficient
1	Ado Ekiti	SW	7.83	6.04	7.21	35.51	Usable with adjustment
2	Aiyekire	SW	10.51	7.31	27.94	<b>101.64</b>	Grossly erroneous
3	Efon	SW	6.99	4.15	20.07	71.34	Grossly erroneous
4	Ekiti East	SW	6.53	10.38	22.24	83.62	Grossly erroneous
5	Ekiti South West	SW	8.83	5.50	18.38	69.47	Grossly erroneous
6	Ekiti West	SW	9.06	7.76	10.69	48.89	Deficient
7	Emure	SW	10.74	5.65	36.59	<b>126.15</b>	Grossly erroneous
8	Ido-Osi	SW	9.84	6.30	14.82	60.60	Grossly erroneous
9	Ijero	SW	9.62	3.29	28.02	96.99	Grossly erroneous
10	Ikere	SW	11.27	9.06	18.53	75.93	Grossly erroneous
11	Ikole	SW	7.92	7.00	14.97	59.83	Deficient
12	Ilejemeji	SW	10.64	4.64	35.28	<b>121.11</b>	Grossly erroneous
13	Irepodun/Ifelodun	SW	7.47	4.43	12.38	49.06	Deficient
14	Ise/Orun	SW	12.33	7.55	16.84	70.40	Grossly erroneous
15	Moba	SW	10.19	4.27	28.52	<b>100.02</b>	Grossly erroneous
16	Oye	SW	7.85	7.19	9.38	43.18	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>ENUGU STATE</b>	SE	5.88	5.62	8.21	36.12	Usable with adjustment
1	Aninri	SE	7.35	6.39	7.93	37.53	Usable with adjustment
2	Awgu	SE	5.98	4.11	15.19	55.65	Deficient
3	Enugu East	SE	3.16	5.59	16.15	57.19	Deficient
4	Enugu North	SE	5.76	6.80	12.57	50.27	Deficient
5	Enugu South	SE	4.23	4.65	10.47	40.28	Deficient
6	Ezeagu	SE	7.66	5.96	9.89	43.30	Deficient
7	Igbo-Etiti	SE	8.42	7.31	9.00	42.73	Deficient
8	Igbo-Eze North	SE	7.73	7.38	8.43	40.40	Deficient
9	Igbo-Eze South	SE	8.47	6.81	9.78	44.62	Deficient
10	Isi-Uzo	SE	7.30	5.95	9.73	42.43	Deficient
11	Nkanu East	SE	7.07	6.80	8.81	40.31	Deficient
12	Nkanu West	SE	5.28	5.12	8.90	37.11	Usable with adjustment
13	Nsukka	SE	8.11	8.16	8.85	42.81	Deficient
14	Oji-River	SE	5.40	5.83	7.94	35.05	Usable with adjustment
15	Udenu	SE	7.98	6.29	9.11	41.59	Deficient
16	Udi	SE	6.02	4.86	7.01	31.91	Usable with adjustment
17	Uzo-Uwani	SE	9.68	7.90	13.87	59.18	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>GOMBE STATE</b>	NE	8.70	11.29	13.94	61.82	Grossly erroneous
1	Akko	NE	8.73	11.16	14.40	63.08	Grossly erroneous
2	Balanga	NE	9.43	11.83	12.84	59.79	Deficient
3	Billiri	NE	8.60	8.70	12.27	54.12	Deficient
4	Dukku	NE	11.05	13.17	13.53	64.80	Grossly erroneous
5	Funakaye	NE	9.09	13.17	24.03	94.34	Grossly erroneous
6	Gombe	NE	4.46	9.36	21.53	78.42	Grossly erroneous
7	Kaltungo	NE	7.96	10.16	11.50	52.61	Deficient
8	Kwami	NE	10.58	12.75	12.50	60.83	Grossly erroneous
9	Nafada	NE	12.43	13.41	17.21	77.47	Grossly erroneous
10	Shomgom	NE	9.01	9.11	16.36	67.21	Grossly erroneous
11	Yamaltu/Deba	NE	10.40	13.88	15.34	70.30	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>IMO STATE</b>	SE	6.36	4.72	8.58	36.84	Usable with adjustment
1	Aboh-Mbaise	SE	6.95	4.96	9.60	40.72	Deficient
2	Ahiazu-Mbaise	SE	6.23	4.33	10.74	42.79	Deficient
3	Ehime-Mbano	SE	8.06	6.03	11.87	49.72	Deficient
4	Ezinihitte	SE	4.48	4.44	7.29	30.80	Usable with adjustment
5	Ideato North	SE	7.50	3.98	14.78	55.81	Deficient
6	Ideato South	SE	9.05	5.64	15.33	60.68	Grossly erroneous
7	Ihitte/Uboma	SE	4.95	5.50	9.28	38.30	Usable with adjustment
8	Ikeduru	SE	6.34	6.46	7.31	34.72	Usable with adjustment
9	Isiala Mbano	SE	8.45	3.65	17.41	64.33	Grossly erroneous
10	Isu	SE	8.97	6.81	14.63	59.68	Deficient
11	Mbaitoli	SE	6.39	6.07	7.75	35.72	Usable with adjustment
12	Ngor-Okpala	SE	7.03	7.00	8.16	38.51	Usable with adjustment
13	Njaba	SE	7.74	4.38	13.06	51.29	Deficient
14	Nkwerre	SE	7.40	4.83	12.54	49.84	Deficient
15	Nwangele	SE	6.66	4.10	17.06	61.94	Grossly erroneous
16	Obowo	SE	6.45	3.42	15.96	57.76	Deficient
17	Oguta	SE	6.22	5.05	8.50	36.77	Usable with adjustment
18	Ohaji/Egbema	SE	8.15	6.64	7.69	37.85	Usable with adjustment
19	Okigwe	SE	6.55	3.97	12.90	49.23	Deficient
20	Orlu	SE	4.97	5.26	7.39	32.39	Usable with adjustment

21	Orsu	SE	7.23	4.52	14.00	53.75	Deficient
22	Oru East	SE	5.46	4.32	9.06	36.97	Usable with adjustment
23	Oru West	SE	6.18	6.27	9.93	42.23	Deficient
24	Owerri North	SE	4.57	5.55	8.44	35.43	Usable with adjustment
25	Owerri West	SE	10.07	14.05	18.31	79.05	Grossly erroneous
26	Owerri-Municipal	SE	4.94	5.53	10.31	41.41	Deficient
27	Unuimo	SE	5.25	2.96	14.18	50.74	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>JIGAWA STATE</b>	NW	18.40	18.74	13.29	77.01	Grossly erroneous
1	Auyo	NW	16.29	18.30	15.16	80.05	Grossly erroneous
2	Babura	NW	19.33	18.83	11.92	73.92	Grossly erroneous
3	Biriniwa	NW	19.51	17.30	21.44	<b>101.13</b>	Grossly erroneous
4	Birnin Kudu	NW	20.21	22.05	13.55	82.92	Grossly erroneous
5	Buji	NW	18.27	19.13	18.41	92.65	Grossly erroneous
6	Dutse	NW	18.94	21.06	14.16	82.49	Grossly erroneous
7	Gagarawa	NW	16.25	16.28	14.67	76.54	Grossly erroneous
8	Garki	NW	22.14	20.50	20.73	<b>104.83</b>	Grossly erroneous
9	Gumel	NW	13.72	16.20	12.04	66.05	Grossly erroneous
10	Guri	NW	19.62	20.03	13.16	79.13	Grossly erroneous
11	Gwaram	NW	12.29	14.44	15.05	71.87	Grossly erroneous
12	Gwiwa	NW	15.56	14.73	18.62	86.13	Grossly erroneous
13	Hadejia	NW	11.78	15.72	16.52	77.05	Grossly erroneous
14	Jahun	NW	23.03	22.26	19.07	<b>102.52</b>	Grossly erroneous
15	Kafin Hausa	NW	18.00	17.15	14.95	79.98	Grossly erroneous
16	Kaugama	NW	19.20	21.21	13.85	81.97	Grossly erroneous
17	Kazaure	NW	13.88	15.14	14.82	73.47	Grossly erroneous
18	Kiri Kasamma	NW	18.06	16.04	17.74	87.32	Grossly erroneous
19	Kiyawa	NW	22.02	20.71	20.80	<b>105.12</b>	Grossly erroneous
20	Maigatari	NW	17.25	18.57	17.86	89.41	Grossly erroneous
21	Malam Madori	NW	16.10	17.95	20.76	96.33	Grossly erroneous
22	Miga	NW	22.06	21.07	16.95	93.96	Grossly erroneous
23	Ringim	NW	21.40	21.24	11.28	76.47	Grossly erroneous
24	Roni	NW	14.99	17.47	16.18	81.00	Grossly erroneous
25	Sule-Tankarkar	NW	22.72	22.46	15.56	91.86	Grossly erroneous
26	Taura	NW	21.61	20.50	16.65	92.08	Grossly erroneous
27	Yankwashi	NW	15.99	14.85	18.40	86.05	Grossly erroneous



S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>KADUNA STATE</b>	NC	6.87	9.93	11.81	52.23	Deficient
1	Birnin-Gwari	NC	12.55	15.79	15.40	74.54	Grossly erroneous
2	Chikun	NC	3.65	6.62	14.26	53.05	Deficient
3	Giwa	NC	11.60	14.56	16.34	<b>75.17</b>	Grossly erroneous
4	Igabi	NC	7.57	11.44	16.31	67.95	Grossly erroneous
5	Ikara	NC	16.04	18.18	13.48	74.65	Grossly erroneous
6	Jaba	NC	8.07	5.73	17.38	65.94	Grossly erroneous
7	Jema'á	NC	4.43	6.73	10.82	43.63	Deficient
8	Kachia	NC	7.24	7.73	12.57	<b>52.69</b>	Deficient
9	Kaduna North	NC	3.55	7.41	22.21	77.60	Grossly erroneous
10	Kaduna South	NC	3.19	7.46	19.25	68.41	Grossly erroneous
11	Kagarko	NC	8.80	8.87	11.76	52.94	Deficient
12	Kajuru	NC	3.60	7.65	15.67	58.27	Deficient
13	Kaura	NC	N/A	N/A	N/A	N/A	<b>Data Not Available</b>
14	Kauru	NC	10.10	12.11	11.56	56.88	Deficient
15	Kubau	NC	12.71	13.64	13.30	<b>66.26</b>	Grossly erroneous
16	Kudan	NC	12.97	15.28	14.61	72.09	Grossly erroneous
17	Lere	NC	8.91	12.04	13.41	61.19	Grossly erroneous
18	Makarfi	NC	14.59	18.10	20.21	93.32	Grossly erroneous
19	Sabon Gari	NC	2.92	8.98	21.27	75.72	Grossly erroneous
20	Sanga	NC	5.64	9.85	14.55	<b>59.16</b>	Deficient
21	Soba	NC	13.82	15.64	16.00	77.46	Grossly erroneous
22	Zangon Kataf	NC	3.66	5.19	9.27	36.67	Usable with adjustment
23	Zaria	NC	4.90	9.41	16.02	62.35	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>KANO STATE</b>	NW	13.51	16.54	15.77	77.36	Grossly erroneous
1	Ajingi	NW	18.53	17.41	15.42	82.19	Grossly erroneous
2	Albasu	NW	15.85	16.82	16.07	80.89	Grossly erroneous
3	Bagwai	NW	18.48	16.75	18.68	91.25	Grossly erroneous
4	Bebeji	NW	16.73	19.57	16.76	86.57	Grossly erroneous
5	Bichi	NW	16.13	17.18	11.25	67.06	Grossly erroneous
6	Bunkure	NW	20.02	21.36	18.29	96.26	Grossly erroneous
7	Dala	NW	6.30	12.19	30.17	<b>109.01</b>	Grossly erroneous
8	Dambatta	NW	17.62	19.69	12.05	73.45	Grossly erroneous
9	Dawakin Kudu	NW	18.05	21.11	17.26	90.94	Grossly erroneous
10	Dawakin Tofa	NW	14.85	16.05	13.96	72.77	Grossly erroneous
11	Doguwa	NW	14.14	14.89	16.18	77.58	Grossly erroneous
12	Fagge	NW	5.45	11.96	35.62	<b>124.28</b>	Grossly erroneous
13	Gabasawa	NW	17.99	17.11	13.48	75.54	Grossly erroneous

14	Garko	NW	17.74	17.96	13.93	77.49	Grossly erroneous
15	Garum Mallam	NW	17.85	18.12	22.01	<b>102.02</b>	Grossly erroneous
16	Gaya	NW	18.05	20.15	14.79	82.57	Grossly erroneous
17	Gezawa	NW	14.22	15.80	15.73	77.21	Grossly erroneous
18	Gwale	NW	6.87	13.58	42.14	<b>146.87</b>	Grossly erroneous
19	Gwarzo	NW	13.61	16.96	16.76	80.86	Grossly erroneous
20	Kabo	NW	15.79	19.50	22.34	<b>102.30</b>	Grossly erroneous
21	Kano Municipal	NW	6.23	11.62	28.27	<b>102.66</b>	Grossly erroneous
22	Karaye	NW	16.34	19.42	19.44	94.08	Grossly erroneous
23	Kibiya	NW	15.76	16.87	12.97	71.54	Grossly erroneous
24	Kiru	NW	14.42	16.63	18.45	86.41	Grossly erroneous
25	Kumbotso	NW	9.16	13.74	26.69	<b>102.98</b>	Grossly erroneous
26	Kunchi	NW	18.41	18.33	10.68	68.78	Grossly erroneous
27	Kura	NW	16.65	17.14	17.09	85.07	Grossly erroneous
28	Madobi	NW	14.24	15.87	13.23	69.81	Grossly erroneous
29	Makoda	NW	17.48	17.86	14.26	78.13	Grossly erroneous
30	Minjibir	NW	15.40	17.67	16.79	83.42	Grossly erroneous
31	Nasarawa	NW	5.97	12.79	30.58	<b>110.49</b>	Grossly erroneous
32	Rano	NW	16.38	19.65	15.54	82.64	Grossly erroneous
33	Rimin Gado	NW	17.48	17.60	15.46	81.47	Grossly erroneous
34	Rogo	NW	18.88	21.68	18.99	97.53	Grossly erroneous
35	Shanono	NW	16.03	17.25	15.98	81.22	Grossly erroneous
36	Sumaila	NW	19.45	20.12	14.73	83.76	Grossly erroneous
37	Takai	NW	19.65	20.27	14.36	82.99	Grossly erroneous
38	Tarauni	NW	5.18	10.34	27.09	96.80	Grossly erroneous
39	Tofa	NW	14.41	19.31	18.95	90.58	Grossly erroneous
40	Tsanyawa	NW	14.91	15.71	13.75	71.87	Grossly erroneous
41	Tudun Wada	NW	18.94	20.41	13.22	79.01	Grossly erroneous
42	Ungogo	NW	10.29	15.48	24.31	98.70	Grossly erroneous
43	Warawa	NW	19.80	22.31	20.37	<b>103.24</b>	Grossly erroneous
44	Wudil	NW	14.17	18.15	19.76	91.62	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>KATSINA STATE</b>	NC	13.48	14.89	12.92	67.12	Grossly erroneous
1	Bakori	NC	15.15	16.07	15.96	79.09	Grossly erroneous
2	Batagarawa	NC	12.48	12.27	14.71	68.90	Grossly erroneous
3	Batsari	NC	14.16	15.46	10.30	60.51	Grossly erroneous
4	Baure	NC	13.41	13.30	13.40	66.92	Grossly erroneous
5	Bindawa	NC	13.96	14.35	15.42	74.56	Grossly erroneous
6	Charanchi	NC	14.42	14.21	14.15	71.08	Grossly erroneous
7	Dan Musa	NC	13.71	14.41	12.36	65.19	Grossly erroneous

8	Dandume	NC	15.23	16.19	19.01	88.44	Grossly erroneous
9	Danja	NC	13.82	15.28	14.50	72.58	Grossly erroneous
10	Daura	NC	12.61	11.96	13.28	64.42	Grossly erroneous
11	Dutsi	NC	12.03	14.52	13.35	66.59	Grossly erroneous
12	Dutsin-Ma	NC	12.64	15.74	17.38	80.53	Grossly erroneous
13	Faskari	NC	13.75	14.26	14.85	72.55	Grossly erroneous
14	Funtua	NC	10.61	13.15	15.15	69.20	Grossly erroneous
15	Ingawa	NC	14.25	16.41	15.70	77.75	Grossly erroneous
16	Jibia	NC	12.33	16.07	15.93	76.18	Grossly erroneous
17	Kafur	NC	13.23	15.07	11.80	63.71	Grossly erroneous
18	Kaita	NC	17.23	16.23	18.43	88.76	Grossly erroneous
19	Kankara	NC	15.25	16.86	13.19	71.68	Grossly erroneous
20	Kankia	NC	14.70	14.78	12.96	68.35	Grossly erroneous
21	Katsina	NC	8.45	13.67	22.47	89.51	Grossly erroneous
22	Kurfi	NC	13.43	15.62	14.35	72.10	Grossly erroneous
23	Kusada	NC	15.67	17.48	16.25	81.89	Grossly erroneous
24	Mai'adua	NC	12.54	11.15	15.34	69.72	Grossly erroneous
25	Malumfashi	NC	12.61	17.61	19.74	89.45	Grossly erroneous
26	Mani	NC	14.60	18.10	18.09	86.98	Grossly erroneous
27	Mashi	NC	14.48	16.82	13.97	73.21	Grossly erroneous
28	Matazu	NC	16.02	16.24	13.63	73.16	Grossly erroneous
29	Musawa	NC	15.90	17.65	16.99	84.53	Grossly erroneous
30	Rimi	NC	16.41	20.17	18.18	91.12	Grossly erroneous
31	Sabuwa	NC	13.37	13.09	16.21	75.09	Grossly erroneous
32	Safana	NC	14.85	14.66	13.47	69.92	Grossly erroneous
33	Sandamu	NC	9.89	10.45	15.10	65.65	Grossly erroneous
34	Zango	NC	15.98	16.36	23.72	<b>103.51</b>	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>KEBBI STATE</b>	NW	12.13	16.82	18.53	84.53	Grossly erroneous
1	Aleiro	NW	13.99	16.87	16.49	80.32	Grossly erroneous
2	Arewa-Dandi	NW	11.97	16.08	17.12	79.40	Grossly erroneous
3	Argungu	NW	11.70	16.61	17.48	80.73	Grossly erroneous
4	Augie	NW	12.94	18.16	22.46	98.49	Grossly erroneous
5	Bagudo	NW	13.99	18.94	22.50	<b>100.44</b>	Grossly erroneous
6	Birnin Kebbi	NW	7.54	14.60	24.12	94.51	Grossly erroneous
7	Bunza	NW	11.15	16.88	22.36	95.12	Grossly erroneous
8	Dandi	NW	11.59	17.97	23.42	99.82	Grossly erroneous
9	Fakai	NW	13.02	15.84	13.56	69.55	Grossly erroneous
10	Gwandu	NW	12.40	16.85	20.81	91.69	Grossly erroneous

11	Jega	NW	12.35	18.29	24.00	<b>102.64</b>	Grossly erroneous
12	Kalgo	NW	12.37	16.83	21.83	94.70	Grossly erroneous
13	Koko/Besse	NW	14.38	18.68	21.05	96.22	Grossly erroneous
14	Maiyama	NW	14.75	18.60	18.83	89.84	Grossly erroneous
15	Ngaski	NW	14.31	17.44	17.43	84.03	Grossly erroneous
16	Sakaba	NW	13.34	15.66	11.95	64.86	Grossly erroneous
17	Shanga	NW	15.25	17.75	21.48	97.44	Grossly erroneous
18	Suru	NW	14.39	18.79	19.44	91.51	Grossly erroneous
19	Wasagu/Danko	NW	13.66	17.17	17.20	82.43	Grossly erroneous
20	Yauri	NW	8.32	16.56	31.85	<b>120.41</b>	Grossly erroneous
21	Zuru	NW	8.60	11.35	13.37	60.06	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>KOGI STATE</b>	NC	9.32	9.16	10.12	48.85	Deficient
1	Adavi	NC	8.80	8.68	12.31	54.40	Deficient
2	Ajaokuta	NC	6.93	9.22	14.23	58.84	Deficient
3	Ankpa	NC	10.95	11.99	10.68	54.97	Deficient
4	Bassa	NC	9.83	8.13	15.58	64.69	Grossly erroneous
5	Dekina	NC	13.06	13.60	9.85	56.20	Deficient
6	Ibaji	NC	12.53	12.63	9.96	55.05	Deficient
7	Idah	NC	8.55	8.61	9.25	44.90	Deficient
8	Igalamela-Odolu	NC	9.62	11.88	13.11	60.82	Grossly erroneous
9	Ijumu	NC	7.78	7.41	10.24	45.93	Deficient
10	Kabba/Bunu	NC	8.15	8.25	10.44	47.72	Deficient
11	Kogi	NC	10.43	11.84	14.23	64.96	Grossly erroneous
12	Lokoja	NC	5.51	7.89	8.97	40.31	Deficient
13	Mopa-Muro	NC	8.49	7.14	12.27	52.45	Deficient
14	Ofu	NC	11.88	11.80	9.78	53.01	Deficient
15	Ogori/Magongo	NC	8.67	6.20	15.40	61.08	Grossly erroneous
16	Okehi	NC	9.52	7.05	19.35	74.61	Grossly erroneous
17	Okene	NC	8.77	8.09	12.30	53.76	Deficient
18	Olamabolo	NC	9.04	10.51	10.09	49.82	Deficient
19	Omala	NC	10.51	12.28	11.23	56.46	Deficient
20	Yagba East	NC	8.02	3.65	21.62	76.52	Grossly erroneous
21	Yagba West	NC	8.12	3.17	20.35	72.34	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>KWARA STATE</b>	NC	7.83	8.22	7.59	38.81	Usable with adjustment
1	Asa	NC	9.86	9.65	11.78	54.85	Deficient
2	Baruten	NC	11.54	11.89	12.68	61.46	Grossly erroneous
3	Edu	NC	12.87	12.37	12.95	64.11	Grossly erroneous
4	Ekiti	NC	4.44	3.71	10.63	40.04	Deficient
5	Ifelodun	NC	8.15	4.58	16.41	61.97	Grossly erroneous
6	Ilorin East	NC	6.92	8.57	5.59	32.27	Usable with adjustment
7	Ilorin South	NC	4.97	5.99	8.59	36.72	Usable with adjustment
8	Ilorin West	NC	6.44	9.49	8.86	42.51	Deficient
9	Irepodun	NC	5.39	4.36	9.34	37.77	Usable with adjustment
10	Isin	NC	5.06	3.67	13.96	50.62	Deficient
11	Kaiama	NC	13.17	12.13	20.66	87.28	Grossly erroneous
12	Moro	NC	10.65	9.67	13.94	62.14	Grossly erroneous
13	Offa	NC	4.50	9.03	13.54	54.14	Deficient
14	Oke-Ero	NC	9.20	14.67	26.63	<b>103.76</b>	Grossly erroneous
15	Oyun	NC	6.45	2.93	18.01	63.40	Grossly erroneous
16	Pategi	NC	12.07	10.35	17.67	75.43	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>LAGOS STATE</b>	SW	3.77	5.35	9.53	37.71	Usable with adjustment
1	Agege	SW	3.87	6.43	14.49	53.78	Deficient
2	Ajeromi-Ifelodun	SW	3.73	6.42	12.04	46.26	Deficient
3	Alimosho	SW	3.27	4.43	11.52	42.26	Deficient
4	Amuwo-Odofin	SW	4.24	4.96	11.02	42.25	Deficient
5	Apapa	SW	5.12	8.08	23.77	84.52	Grossly erroneous
6	Badagry	SW	3.96	5.66	12.06	45.81	Deficient
7	Epe	SW	6.39	5.92	5.56	28.99	Usable with adjustment
8	Eti-Osa	SW	6.23	6.91	17.83	66.65	Grossly erroneous
9	Ibeju/Lekki	SW	7.47	6.21	8.57	39.38	Usable with adjustment
10	Ifako-Ijaye	SW	3.90	4.53	10.15	38.89	Usable with adjustment
11	Ikeja	SW	4.64	4.20	13.22	48.50	Deficient
12	Ikorodu	SW	3.64	5.28	11.31	42.86	Deficient
13	Kosofe	SW	4.23	4.80	7.52	31.58	Usable with adjustment
14	Lagos Island	SW	5.48	7.13	9.53	41.19	Deficient
15	Lagos Mainland	SW	4.12	4.98	9.58	37.83	Usable with adjustment
16	Mushin	SW	3.81	5.86	10.06	39.85	Usable with adjustment
17	Ojo	SW	4.17	6.04	12.91	48.93	Deficient
18	Oshodi-Isolo	SW	4.00	5.16	10.01	39.19	Usable with adjustment
19	Shomolu	SW	3.92	4.88	7.66	31.79	Usable with adjustment
20	Surulere	SW	3.87	4.62	7.97	32.40	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>NASARAWA STATE</b>	NC	7.67	9.72	11.32	51.34	Deficient
1	Akwanga	NC	4.18	8.24	11.04	45.55	Deficient
2	Awe	NC	11.82	11.53	12.01	59.39	Deficient
3	Doma	NC	11.42	11.84	12.79	61.62	Grossly erroneous
4	Karu	NC	4.74	8.17	18.32	67.87	Grossly erroneous
5	Keana	NC	10.80	13.51	14.00	66.32	Grossly erroneous
6	Keffi	NC	5.89	10.84	16.85	67.30	Grossly erroneous
7	Kokona	NC	8.48	10.03	10.26	49.29	Deficient
8	Lafia	NC	8.24	10.64	12.18	55.43	Deficient
9	Nasarawa	NC	7.35	10.39	12.86	56.33	Deficient
10	Nasarawa-Eggon	NC	7.88	9.29	13.79	58.55	Deficient
11	Obi	NC	10.24	9.58	14.48	63.26	Grossly erroneous
12	Toto	NC	6.79	7.89	13.31	54.60	Deficient
13	Wamba	NC	5.41	6.31	11.01	44.75	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>NIGER STATE</b>	NC	9.35	11.22	12.88	59.20	Deficient
1	Agaie	NC	11.27	9.76	18.02	75.09	Grossly erroneous
2	Agwara	NC	9.23	7.79	13.34	57.03	Deficient
3	Bida	NC	7.75	8.53	11.87	51.90	Deficient
4	Borgu	NC	9.54	11.40	17.23	72.63	Grossly erroneous
5	Bosso	NC	4.49	8.72	19.39	71.39	Grossly erroneous
6	Chanchaga	NC	4.18	7.01	18.92	67.95	Grossly erroneous
7	Edati	NC	7.99	9.65	13.10	56.94	Deficient
8	Gbako	NC	14.23	12.55	19.86	86.36	Grossly erroneous
9	Gurara	NC	10.05	9.93	14.11	62.32	Grossly erroneous
10	Katcha	NC	12.91	11.11	17.96	77.91	Grossly erroneous
11	Kontagora	NC	7.55	14.62	24.82	96.64	Grossly erroneous
12	Lapai	NC	8.53	10.13	15.83	66.15	Grossly erroneous
13	Lavun	NC	9.17	8.89	14.64	61.98	Grossly erroneous
14	Magama	NC	12.84	16.76	18.90	86.30	Grossly erroneous
15	Mariga	NC	15.08	16.42	11.30	65.40	Grossly erroneous
16	Mashegu	NC	14.25	17.63	20.14	92.29	Grossly erroneous
17	Mokwa	NC	10.56	9.60	20.33	81.13	Grossly erroneous
18	Muya	NC	6.91	10.87	22.82	86.23	Grossly erroneous
19	Paikoro	NC	9.88	11.61	12.91	60.22	Grossly erroneous
20	Rafi	NC	11.87	13.19	14.08	67.30	Grossly erroneous
21	Rijau	NC	10.53	11.73	11.75	57.50	Deficient
22	Shiroro	NC	11.20	11.99	12.77	61.51	Grossly erroneous

23	Suleja	NC	3.26	7.44	23.42	80.96	Grossly erroneous
24	Tafa	NC	7.61	10.64	13.93	60.03	Grossly erroneous
25	Wushishi	NC	10.50	12.87	21.14	86.79	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>OGUN STATE</b>	SW	3.74	5.57	7.21	30.95	Usable with adjustment
1	Abeokuta North	SW	3.73	6.66	9.24	38.10	Usable with adjustment
2	Abeokuta South	SW	2.93	6.73	10.72	41.82	Deficient
3	Ado-Odo/Ota	SW	3.41	5.65	10.63	40.94	Deficient
4	Egbado North	SW	6.85	5.61	8.50	37.96	Usable with adjustment
5	Egbado South	SW	4.23	6.41	8.25	35.40	Usable with adjustment
6	Ewekoro	SW	4.88	6.13	12.02	47.05	Deficient
7	Ifo	SW	3.19	5.03	13.44	48.54	Deficient
8	Ijebu East	SW	5.15	6.68	5.49	28.32	Usable with adjustment
9	Ijebu North	SW	6.61	6.19	4.23	25.48	Usable with adjustment
10	Ijebu North East	SW	3.31	4.31	7.96	31.50	Usable with adjustment
11	Ijebu Ode	SW	3.24	6.33	7.97	33.49	Usable with adjustment
12	Ikenne	SW	4.66	3.28	6.54	27.56	Usable with adjustment
13	Imeko-Afon	SW	6.66	4.98	11.64	46.57	Deficient
14	Ipokia	SW	5.13	5.11	7.62	33.10	Usable with adjustment
15	Obafemi-Owode	SW	5.30	6.64	9.04	39.06	Usable with adjustment
16	Odeda	SW	5.16	7.60	8.48	38.21	Usable with adjustment
17	Odogbolu	SW	3.14	2.75	9.27	33.70	Usable with adjustment
18	Ogun Warterside	SW	7.83	5.74	6.73	33.75	Usable with adjustment
19	Remo North	SW	3.20	6.47	12.68	47.72	Deficient
20	Shagamu	SW	4.31	7.46	8.55	37.41	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>ONDO STATE</b>	SW	7.33	7.00	6.87	34.94	Usable with adjustment
1	Akoko North East	SW	9.74	8.20	10.62	49.79	Deficient
2	Akoko North West	SW	9.04	6.13	9.77	44.48	Deficient
3	Akoko South East	SW	10.52	6.76	14.63	61.18	Grossly erroneous
4	Akoko South West	SW	9.60	7.73	13.36	57.41	Deficient
5	Akure North	SW	7.03	5.65	11.50	47.17	Deficient
6	Akure South	SW	3.00	7.29	13.60	51.08	Deficient
7	Ese-Odo	SW	8.78	6.84	25.15	91.06	Grossly erroneous
8	Idanre	SW	6.61	9.57	12.21	52.81	Deficient
9	Ifedore	SW	8.80	4.65	16.16	61.93	Grossly erroneous
10	Ilaje	SW	10.06	7.16	13.45	57.56	Deficient
11	Ile-Oluji-Okeigbo	SW	7.37	6.08	7.16	34.93	Usable with adjustment



12	Irele	SW	10.88	8.23	11.14	52.52	Deficient
13	Odigbo	SW	7.88	9.74	9.86	47.21	Deficient
14	Okitipupa	SW	6.27	5.80	7.18	33.59	Usable with adjustment
15	Ondo East	SW	7.12	9.28	8.98	43.34	Deficient
16	Ondo West	SW	5.60	8.85	9.35	42.50	Deficient
17	Ose	SW	9.08	6.98	18.81	72.47	Grossly erroneous
18	Owo	SW	7.05	7.58	5.86	32.21	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>OSUN STATE</b>	SW	7.68	5.57	9.40	41.44	Deficient
1	Aiyedade	SW	8.96	6.94	9.96	45.78	Deficient
2	Aiyedire	SW	8.52	5.50	15.47	60.44	Grossly erroneous
3	Atakumosa East	SW	7.44	6.80	10.85	46.78	Deficient
4	Atakumosa West	SW	9.80	9.34	8.22	43.80	Deficient
5	Boluwaduro	SW	8.63	4.20	20.28	73.67	Grossly erroneous
6	Boripe	SW	9.24	3.62	31.30	<b>106.76</b>	Grossly erroneous
7	Ede North	SW	7.83	7.43	7.71	38.39	Usable with adjustment
8	Ede South	SW	8.16	6.39	10.17	45.05	Deficient
9	Egbedore	SW	7.99	3.96	16.10	60.26	Grossly erroneous
10	Ejigbo	SW	6.81	6.57	7.94	37.18	Usable with adjustment
11	Ife Central	SW	10.09	8.04	8.69	44.20	Deficient
12	Ife East	SW	6.18	6.51	6.80	33.09	Usable with adjustment
13	Ife North	SW	9.68	5.25	18.20	69.53	Grossly erroneous
14	Ife South	SW	9.19	9.30	11.13	51.89	Deficient
15	Ifedayo	SW	10.83	8.60	19.66	78.42	Grossly erroneous
16	Ifelodun	SW	5.70	6.67	11.25	46.12	Deficient
17	Ila	SW	5.45	5.95	16.17	59.91	Deficient
18	Ilesha East	SW	5.20	4.71	5.88	27.56	Usable with adjustment
19	Ilesha West	SW	4.79	5.70	7.07	31.70	Usable with adjustment
20	Irepodun	SW	9.35	6.40	15.65	62.72	Grossly erroneous
21	Irewole	SW	9.37	7.99	11.00	50.37	Deficient
22	Isokan	SW	10.24	7.27	9.91	47.24	Deficient
23	Iwo	SW	8.25	5.87	12.14	50.53	Deficient
24	Obokun	SW	8.14	6.52	15.10	59.96	Deficient
25	Odo-Otin	SW	6.98	3.84	19.45	69.16	Grossly erroneous
26	Ola-Oluwa	SW	9.41	5.39	25.29	90.67	Grossly erroneous
27	Olorunda	SW	4.22	2.95	10.62	39.02	Usable with adjustment
28	Oriade	SW	7.71	5.52	11.36	47.30	Deficient
29	Orolu	SW	12.29	7.16	25.65	96.42	Grossly erroneous
30	Osogbo	SW	4.98	6.42	9.01	38.43	Usable with adjustment

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>OYO STATE</b>	SW	5.84	5.42	6.02	29.33	Usable with adjustment
1	Afijio	SW	7.32	4.24	14.83	56.07	Deficient
2	Akinyele	SW	4.68	7.75	8.49	37.89	Usable with adjustment
3	Atiba	SW	6.85	5.96	8.49	38.28	Usable with adjustment
4	Atigbo	SW	8.10	2.68	27.77	94.09	Grossly erroneous
5	Egbeda	SW	3.72	5.76	8.16	33.97	Usable with adjustment
6	Ibadan Central [Ibadan North East]	SW	4.65	7.79	8.17	36.95	Usable with adjustment
7	Ibadan North	SW	4.01	7.38	8.75	37.65	Usable with adjustment
8	Ibadan North West	SW	3.53	7.63	9.47	39.58	Usable with adjustment
9	Ibadan South East	SW	4.16	8.45	11.30	46.51	Deficient
10	Ibadan South West	SW	2.96	6.26	8.18	33.76	Usable with adjustment
11	Ibarapa Central	SW	7.57	3.79	11.50	45.86	Deficient
12	Ibarapa East	SW	6.53	4.46	11.03	44.07	Deficient
13	Ibarapa North	SW	10.17	6.26	19.08	73.67	Grossly erroneous
14	Ido	SW	5.58	7.41	7.92	36.74	Usable with adjustment
15	Irepo	SW	8.11	3.81	22.27	78.73	Grossly erroneous
16	Iseyin	SW	8.39	5.02	14.71	57.55	Deficient
17	Itesiwaju	SW	8.84	4.79	18.07	67.85	Grossly erroneous
18	Iwajowa	SW	9.87	5.49	29.56	104.04	Grossly erroneous
19	Kajola	SW	6.09	3.67	11.94	45.57	Deficient
20	Lagelu	SW	6.13	5.33	7.11	32.78	Usable with adjustment
21	Ogbomosho North	SW	7.41	4.25	10.79	44.05	Deficient
22	Ogbomosho South	SW	6.83	4.67	11.08	44.74	Deficient
23	Ogo Oluwa	SW	10.62	7.76	14.15	60.83	Grossly erroneous
24	Olorunsogo	SW	8.33	4.82	22.79	81.52	Grossly erroneous
25	Oluyole	SW	5.05	5.96	7.15	32.46	Usable with adjustment
26	Ona-Ara	SW	4.24	7.08	9.96	41.22	Deficient

27	Orelope	SW	10.61	5.27	25.67	92.89	Grossly erroneous
28	Ori Ire	SW	9.15	5.44	16.17	63.12	Grossly erroneous
29	Oyo East	SW	6.03	5.60	6.57	31.34	Usable with adjustment
30	Oyo West	SW	7.60	5.44	9.86	42.63	Deficient
31	Saki East	SW	10.41	7.15	20.13	77.94	Grossly erroneous
32	Saki West	SW	7.99	5.44	13.91	55.15	Deficient
33	Surulere	SW	10.12	6.39	14.16	59.01	Deficient

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>PLATEAU STATE</b>	NC	4.44	8.15	11.71	47.71	Deficient
1	Barikin Ladi	NC	2.61	6.97	12.49	47.06	Deficient
2	Bassa	NC	4.23	8.10	12.93	51.14	Deficient
3	Bokkos	NC	3.48	7.10	11.46	44.97	Deficient
4	Jos East	NC	5.80	5.34	8.77	37.46	Usable with adjustment
5	Jos North	NC	3.42	5.49	16.78	59.27	Deficient
6	Jos South	NC	2.92	4.82	12.44	45.04	Deficient
7	Kanam	NC	6.80	12.18	18.02	73.03	Grossly erroneous
8	Kanke	NC	4.98	8.54	13.03	52.60	Deficient
9	Langtang North	NC	8.61	11.80	11.27	54.23	Deficient
10	Langtang South	NC	9.04	14.71	20.58	85.49	Grossly erroneous
11	Mangu	NC	3.41	7.70	12.82	49.57	Deficient
12	Mikang	NC	8.96	9.86	12.86	57.41	Deficient
13	Pankshin	NC	5.45	7.27	8.87	39.32	Usable with adjustment
14	Qua'an Pan	NC	8.28	10.81	11.95	54.93	Deficient
15	Riyom	NC	6.90	7.45	10.78	46.68	Deficient
16	Shendam	NC	7.63	11.80	13.80	60.83	Grossly erroneous
17	Wase	NC	9.42	14.29	20.79	86.07	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>RIVER STATE</b>	SS	7.52	5.82	10.84	45.86	Deficient
1	Abua/Odual	SS	11.55	9.24	18.15	75.24	Grossly erroneous
2	Ahoada East	SS	7.44	5.96	10.45	44.75	Deficient
3	Ahoada West	SS	8.47	5.31	12.80	52.19	Deficient
4	Akuku Toru	SS	7.67	3.14	17.50	63.31	Grossly erroneous
5	Andoni	SS	10.28	5.49	18.86	72.37	Grossly erroneous
6	Asari-Toru	SS	9.77	5.21	17.05	66.13	Grossly erroneous
7	Bonny	SS	6.92	5.62	10.47	43.96	Deficient
8	Degema	SS	9.56	6.41	13.08	55.22	Deficient

9	Eleme	SS	9.29	6.43	20.85	78.28	Grossly erroneous
10	Emohua	SS	8.52	5.93	11.95	50.28	Deficient
11	Etche	SS	9.74	7.90	10.64	49.57	Deficient
12	Gokana	SS	9.36	5.52	17.29	66.77	Grossly erroneous
13	Ikwerre	SS	7.28	7.34	8.03	38.71	Usable with adjustment
14	Khana	SS	8.90	6.58	13.11	54.80	Deficient
15	Obia/Akpor	SS	4.36	6.15	14.17	53.03	Deficient
16	Ogba/Egbema/Ndoni	SS	6.51	4.75	9.57	39.98	Usable with adjustment
17	Ogu/Bolo	SS	6.72	5.36	15.62	58.94	Deficient
18	Okrika	SS	6.27	5.41	13.09	50.94	Deficient
19	Omumma	SS	11.55	7.53	19.08	76.30	Grossly erroneous
20	Opobo/Nkoro	SS	8.16	6.01	16.93	64.94	Grossly erroneous
21	Oyigbo	SS	5.88	6.06	12.74	50.15	Deficient
22	Port-Harcourt	SS	3.88	5.04	9.38	37.04	Usable with adjustment
23	Tai	SS	11.91	14.35	29.21	113.89	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>SOKOTO STATE</b>	NW	12.57	18.05	22.11	96.95	Grossly erroneous
1	Binji	NW	13.42	14.05	14.13	69.87	Grossly erroneous
2	Bodinga	NW	13.08	18.00	23.48	<b>101.51</b>	Grossly erroneous
3	Dange-Shuni	NW	10.42	17.15	27.85	<b>111.11</b>	Grossly erroneous
4	Gada	NW	16.69	21.60	22.06	<b>104.47</b>	Grossly erroneous
5	Goronyo	NW	15.90	20.98	21.60	<b>101.69</b>	Grossly erroneous
6	Gudu	NW	11.56	14.94	16.94	77.30	Grossly erroneous
7	Gwadabawa	NW	15.68	21.14	25.38	<b>112.94</b>	Grossly erroneous
8	Illela	NW	13.21	18.75	23.68	<b>102.99</b>	Grossly erroneous
9	Isa	NW	17.15	21.35	17.87	92.11	Grossly erroneous
10	Kebbe	NW	14.58	14.18	14.55	72.42	Grossly erroneous
11	Kware	NW	13.87	18.25	24.71	<b>106.25</b>	Grossly erroneous
12	Rabah	NW	16.89	21.48	21.69	<b>103.43</b>	Grossly erroneous
13	Sabon Birni	NW	16.38	22.94	29.06	<b>126.50</b>	Grossly erroneous
14	Shagari	NW	12.72	18.28	22.04	97.12	Grossly erroneous
15	Silame	NW	13.98	18.82	24.68	<b>106.86</b>	Grossly erroneous
16	Sokoto North	NW	5.29	12.77	26.77	98.38	Grossly erroneous
17	Sokoto South	NW	3.93	12.39	28.65	<b>102.28</b>	Grossly erroneous
18	Tambuwal	NW	10.64	14.26	16.18	73.45	Grossly erroneous
19	Tangaza	NW	16.28	19.87	17.63	89.03	Grossly erroneous
20	Tureta	NW	12.48	19.69	35.06	<b>137.36</b>	Grossly erroneous
21	Wamakko	NW	11.73	18.93	27.38	<b>112.81</b>	Grossly erroneous
22	Wurno	NW	13.73	19.96	26.35	<b>112.74</b>	Grossly erroneous
23	Yabo	NW	11.04	16.64	25.06	<b>102.86</b>	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>TARABA STATE</b>	NE	8.70	11.05	12.41	56.97	Deficient
1	Ardo-Kola	NE	10.40	14.16	16.62	74.42	Grossly erroneous
2	Bali	NE	9.89	13.06	16.34	71.98	Grossly erroneous
3	Donga	NE	10.36	11.37	16.31	70.66	Grossly erroneous
4	Gashaka	NE	9.58	8.96	12.49	56.01	Deficient
5	Gassol	NE	11.02	13.27	11.33	58.27	Deficient
6	Ibi	NE	11.16	15.43	18.84	83.11	Grossly erroneous
7	Jalingo	NE	5.57	9.24	21.10	78.10	Grossly erroneous
8	Karim-Lamido	NE	6.32	9.76	13.17	55.61	Deficient
9	Kurmi	NE	7.44	9.65	12.76	55.36	Deficient
10	Lau	NE	7.55	11.50	15.93	66.85	Grossly erroneous
11	Sardauna	NE	6.03	10.04	13.11	55.41	Deficient
12	Takum	NE	10.04	11.73	11.53	56.36	Deficient
13	Ussa	NE	8.29	8.48	15.73	63.96	Grossly erroneous
14	Wukari	NE	10.26	10.64	10.36	51.98	Deficient
15	Yorro	NE	9.17	10.80	12.46	57.36	Deficient
16	Zing	NE	7.67	10.42	14.07	60.28	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>YOBE STATE</b>	NE	16.20	18.39	14.41	77.83	Grossly erroneous
1	Bade	NE	14.04	18.77	22.86	<b>101.39</b>	Grossly erroneous
2	Bursari	NE	17.91	18.21	11.02	69.18	Grossly erroneous
3	Damaturu	NE	11.97	18.24	33.30	<b>130.10</b>	Grossly erroneous
4	Fika	NE	14.40	17.56	14.47	75.36	Grossly erroneous
5	Fune	NE	14.95	17.28	13.05	71.38	Grossly erroneous
6	Geidam	NE	17.94	19.20	17.06	88.33	Grossly erroneous
7	Gujba	NE	14.75	18.30	22.07	99.26	Grossly erroneous
8	Gulani	NE	17.70	19.57	20.65	99.23	Grossly erroneous
9	Jakusko	NE	18.13	17.88	12.22	72.69	Grossly erroneous
10	Karasuwa	NE	18.57	18.12	20.06	96.87	Grossly erroneous
11	Machina	NE	19.25	17.72	23.16	<b>106.46</b>	Grossly erroneous
12	Nangere	NE	14.18	18.28	20.10	92.77	Grossly erroneous
13	Nguru	NE	15.12	18.27	20.37	94.50	Grossly erroneous
14	Potiskum	NE	10.15	14.91	18.22	79.73	Grossly erroneous
15	Tarmua	NE	20.04	22.79	13.35	82.88	Grossly erroneous
16	Yunusari	NE	22.44	22.47	21.46	<b>109.30</b>	Grossly erroneous
17	Yusufari	NE	22.04	25.95	20.20	<b>108.60</b>	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>ZAMFARA STATE</b>	NW	14.53	18.73	19.97	93.16	Grossly erroneous
1	Anka	NW	16.36	18.54	17.79	88.26	Grossly erroneous
2	Bakura	NW	16.78	22.00	26.28	117.60	Grossly erroneous
3	Birnin Magaji	NW	16.90	21.25	21.17	101.66	Grossly erroneous
4	Bukkuyum	NW	14.83	18.90	19.56	92.41	Grossly erroneous
5	Bungudu	NW	13.86	17.74	19.25	89.34	Grossly erroneous
6	Gummi	NW	17.35	22.45	25.72	116.97	Grossly erroneous
7	Gusau	NW	8.47	15.91	27.95	108.23	Grossly erroneous
8	Kaura Namoda	NW	11.24	15.49	19.63	85.61	Grossly erroneous
9	Maradun	NW	16.20	17.11	16.66	83.31	Grossly erroneous
10	Maru	NW	15.15	19.24	19.25	92.15	Grossly erroneous
11	Shinkafi	NW	19.56	22.80	20.43	103.66	Grossly erroneous
12	Talata Mafara	NW	14.13	19.19	24.30	106.23	Grossly erroneous
13	Tsafe	NW	12.92	17.81	24.64	104.64	Grossly erroneous
14	Zurmi	NW	18.05	20.26	18.42	93.57	Grossly erroneous

S/N	LGA	ZONE	ARSM	ARSF	SRS	JS	Remark
	<b>FCT ABUJA</b>	NC	5.36	6.60	20.57	73.68	Grossly erroneous
1	Abaji	NC	7.49	7.09	13.54	55.18	Deficient
2	Abuja Municipal [Amac]	NC	6.48	6.46	25.99	90.90	Grossly erroneous
3	Bwari	NC	5.79	7.82	24.93	88.41	Grossly erroneous
4	Gwagwalada	NC	4.76	7.40	16.07	60.37	Grossly erroneous
5	Kuje	NC	5.20	5.86	11.08	44.30	Deficient
6	Kwali	NC	8.53	8.58	14.80	61.51	Grossly erroneous