

Coronavirus (Covid-19) Pandemic and the Need for Effective Management of Population Statistics: The Nigerian Example

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Abstract:-The paper examines CORONAVIRUS (COVID-19) PANDEMIC AND THE NEED FOR EFFECTIVE MANAGEMENT OF POPULATION STATISTICS: THE NIGERIAN EXAMPLE. The paper is concerned with the quality assurance of the palliative measures of the government of Nigeria to mitigate the effects of stay at home directive of the federal government in view of the fact that there is no comprehensive and reliable data management system that captured the whole population of Nigeria. Hence, there is need to address the methods of sharing palliative by the Nigerian Ministry of Humanitarian Affairs, Disaster Management and Social Development. The demographic implications of Covid-19 pandemic, the management of vital statistics, essence of maintaining accurate figures of human numbers in Nigeria shall become a core value of Nigerian post Covid-19 experience. The paper recommended that the Nigerian Ministry of Humanitarian Affairs Disaster Management and Social Development should partner with the Nigerian data management bodies in palliative and relief materials distribution to access the “poor and vulnerable” in the rural communities whose livelihood has been disconnected as a result of the outbreak of Covid-19 in Nigeria. Also, the Nigerian government should see population data as an essential and reliable statistics during any outbreak of public health emergency.

Keywords: Coronavirus (Covid-19), Pandemic, Management, Population, data, Statistics and Nigerian

I. BACKGROUND TO THE STUDY

The world and Africa in particular has experienced several epidemics and pandemics which has posed a serious public health and demographic challenges to the continent. For instance, the 2014 Ebola outbreak with 28 616 cases and 11 310 mortality recorded in Africa and the current coronavirus disease (COVID-19) that is ravaged the world including Nigeria. Coronavirus(Covid-19) is not an indigenous virus in Africa, but has received global attention because of it fast in spreading globally. Historically, on the 12th of December 2019, the first case of coronavirus occurred in Wuhan at the seafood market, China. Since then, there has been a wide spread of the virus which became a global pandemic that the world Health Organization (WHO) restructured the name in 2020 as Covid-19. However, Covid-19 has become a household name today. From the period of 1

March 2020, a total of 79,968 cases of COVID-19 have been confirmed in mainland China including 2873 the mortality (Yan-Rong, Qing-Dong, Zhong, Yuan-Yang, Shou-Deng, Hong-Jun, Kai-Sen, De-Yun, and Yan, 2020).

This virus is spread in human population through physical direct contacts affecting the respiratory tract organs. Common clinical manifestations/ symptoms included fever, cough, fatigue, shortness of breath, sore throat, and headache. Beyond this, the patients sometime manifested gastrointestinal symptoms, with diarrhea and vomiting (Zhu, Zhang, Wang, LiX, Yang and Song 2020). Most of the mortality and morbidity arising for the infectious Coronavirus is as a result of factors like low immune system, old age, and others with underlying medical problems such as cardiovascular disease, diabetes, chronic respiratory disease, cancer and among others are likely to develop serious illness. Statistics from the World Health Organization has shown that coronaviruses (Covid-19) is responsible for 5% to 10% of acute respiratory infections with more than 2% of the population as healthy carriers who can also infect and spread the virus without knowing nor showing and symptoms. Coronavirus has spread to more than 114 countries. Hence, the World Health Organization(WHO) declared it as pandemic on the 11th March, 2020 (Abdul Azeez, 2020). The outbreak of Covid-19 virus has infected and reduce human populations especially in China, Italy, Germany, USA, Cameroon, Singapore among others and with no exception to Nigeria.

In Nigeria, the first case was reported on the 27th of February 2020 in Lagos State. The first case was linked to an Italian citizen who works in Nigeria and returned from Milan, Italy to Lagos, Nigeria on the 25th of February 2020.

He was confirmed by the Virology Laboratory of the Lagos University Teaching Hospital. Since then, according to the Nigeria Centre for Disease Control (NCDC), the virus has spread to twenty (20) states in Nigeria. To curb the further spread of the virus, most states has taken measures like inter-state boarder closure, banning public gathering like worship centers, market except for food items and pharmaceutical products, closure of learning institution, physical distancing,

use of face mask, regular hand washing, use of alcohol based hand sanitizer, stay at home directive among other measures. To reduce the social and economic impacts on the population, the government introduced palliative measures like the conditional cash transfer to the poor and vulnerable, sharing of relief materials among other palliatives. International organizations like the World Bank, African Development Bank, private and cooperative individuals have made donations to most of the African countries including Nigeria as palliative to fight the pandemic.

Statement of problem

The need, importance and use of valid and reliable population statistics cannot be overemphasis. Countries depend on statistics to plan, manage and distribute available but scare resources to the betterment of the citizenry. Most importantly, during crisis in the distribution of medical, food and relief materials. This goes to justify the essence, duties and responsibility of government. The place of nature cannot be contested as when it unleashes in the angle disasters such as earthquake, landslides, pandemics, floods etc., the world has no option but to get prepared to defend, avert, avoid, manage and to reduce the impacts especially as lives are involved, economy is affected by being grounded just as we have now. The focus remains how prepared is man or the government ready to manage and reduce this devastating pandemic? This brings to bare population, management and determination for effective outreach for the good of the populace. How is the population of Nigeria managed in view of so much data

available by all agencies of the government such as National Population Commission (NPC), Bureau of Statistics, Nigerian Immigration Service(NIS), National Information Management Commission(NIMC), voters Register of the Independent National Electoral Commission (INEC), Financial Institution: (Bank Verification Number (BVN)).

The Covid-19 pandemic in Nigeria has exposed the poor data management system in the country.

The distribution of relief materials and other palliatives by the government to the million population in Nigeria made the revelation of inefficiency of data and record of human numbers and other vital statistics in Nigeria. This manifest in the table sharing of money to the poor and vulnerable instead of the global standard of electronic transfer and other global standard of palliative sharing during the period of humanitarian crisis. Therefore, it can be establishing that there was no effective distribution of covid-19 relief materials across the Nigeria population.

This has given rise to agitation, criminality and restiveness among the vulnerable. Against this background, most Nigerians in states like Anambra, Lagos, Delta rebelled against the government over the sit at home directives. This is because the government directive was to protect the life of the citizens and not their livelihood. The picture below shows the table sharing of palliatives to the poor and vulnerable in Nigeria.

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Source: <https://nairametrics.com/2020/03/31/fg-commences-payment-of-cash-transfer-to-the-vulnerable-as-lockdown-takes-effect/>

II. POPULATION DATA MANAGEMENT AND EFFECTIVE DISTRIBUTION OF CRISES/PANDEMIC PALLIATIVES: THE NIGERIAN EXAMPLE

Effective data management is one of the indicators of social development in any country of the world. Nigeria is seen as the demographic giant of the sub-Saharan Africa because of her population strength. Demographers has made expert demographic projection that by 2025, Nigeria will surpass the populated countries like China and India. For effective population data management in Nigeria, the Post-independence constitutions put statistics on the concurrent list, which has made it possible for the states and federal government to legislate on statistics and data management. This has decentralized population data management and other vital statistics for planning and other economic supposes. For data management in Nigeria, there are institutions involved in the data production and compilation. These include: National

Bureau of Statistics (NBS), Central Bank of Nigeria (NBS), National Population Commission, Department of Planning, Research and Statistics (DPRS) of Ministries and Parastatals, the State Statistical Agencies (SSAs), Budget and Planning of Local Government Councils among others (Olusanya, Korter, and Obafemi, 2015).

Data from these agencies in relation to human number have been underutilized in planning and disaster management like the Covid-19 pandemic. The management of the entire statistical system in Nigeria is weak both the horizontal and vertical coordination. The poor data management in Nigeria has been exposed by the Covid-19 resulting to “table sharing” of money and other palliative by the governments where vast majority of Nigerians cannot be reached and benefit from the palliatives. Therefore, the justification for the creation of the Nigerian National Statistical System (NSS) in 1928 has been an effort in futility

since there is no effective data management in Nigeria and some other African Countries.

Palliatives are essential as an intervention in humanitarian crisis and outbreak of public health emergency like the Covid-19. Therefore, palliative is an approach that improves the quality of life of the population during the period of crisis and outbreak of epidemic or pandemic. Palliatives are humanitarian intervention during the period of social and economic crisis. Access to palliative first emerged among palliative care advocates and physicians in 1990s to reduce the health effects of public health at the time.

United Nations (UN) Committee on Economic Social and Cultural Rights observed that palliative is a component of human right that comes to play during the period of national emergency (Tamar, Diederik, and Gabriela, 2018). Palliative is regarded as a human right benefit at the instance of natural

and man-made disaster as it is globally. Yet, palliative care appears inconsistent on the distribution of relief materials as a result of unavailability of population data. The intersection of palliative care with citizen's right and effective management of population data in Nigeria is an area where there is room for further development after the experience of Covid-19. The concern of the paper is borne out of the poor population data management which is proportional to the sharing of palliatives during the period of humanitarian crises like the Covid-19 pandemic in Nigeria. Although, there have been an outbreak of some epidemics in Nigeria like the Ebola, Bird flew, yellow fever, Lassa Fever among other. However, the magnitude is less as compared to the Covid-19. Hence, there is need for palliatives measure.

III. WEEKLY COVID-19 SITUATION ANALYSIS IN NIGERIA (29TH FEB- APRIL, 25TH, 2020)

Week 1: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
29 th Feb. 2020	Ogun	1	0	0
March 2, 2020	Ogun	1	0	0
March 3, 2020	Ogun	3	0	0
March 3, 2020	Lagos	7	0	0
March 3, 2020	FCT	6	0	0
March 3, 2020	Kano	1	0	0
4 th March, 2020	Ogun	3	0	0
4 th March, 2020	Lagos	7	0	0
4 th March, 2020	FCT	7	0	0
4 th March, 2020	Kano	1	0	0
5 th March, 2020	Ogun	3	1	0
5 th March, 2020	Lagos	8	0	0
5 th March, 2020	FCT	8	0	0
5 th March, 2020	Kano	1	0	0
6 th March, 2020	Ogun	3	1	0
6 th March, 2020	Lagos	9	0	0
6 th March, 2020	FCT.	7	0	0
6 th March, 2020	Kano	1	0	0
6 th March, 2020	Edo	1	0	0
7 th March, 2020	Ogun	3	1	0
7 th March, 2020	Lagos	11	0	0
7 th March, 2020	FCT	7	0	0
7 th March, 2020	Kano	1	0	0
7 th March, 2020	Edo	1	0	0
TOTAL		101	3	0

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

The table above shows the weekly record of the incidence of Covid-19 in Nigeria. The analysis indicates date of outbreak, State of occurrence, number of cases confirmed, mortality rates and the number of discharged cases.

Week 2: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
8 th March, 2020	Ogun	3	0	0
8 th March, 2020	Lagos	11	0	0
8 th March, 2020	FCT	10	0	0
8 th March, 2020	Kano	1	0	0
8 th March, 2020	Edo	1	0	0
9 th March, 2020	Ogun	3	0	0
9 th March, 2020	Lagos	12	0	0
9 th March, 2020	FCT	10	0	0
9 th March, 2020	Kano	1	0	0
9 th March, 2020	Edo	1	0	0
10th March, 2020	Ogun	4	0	0
10th March, 2020	Lagos	17	0	0
10th March, 2020	FCT	10	0	0
10th March, 2020	Kano	1	0	0
10th March, 2020	Edo	1	0	0
11 th March, 2020	Ogun	4	0	0
11 th March, 2020	Lagos	23	0	0
11 th March, 2020	FCT.	11	0	0
11 th March, 2020	Kano	1	0	0
11 th March, 2020	Edo	1	0	0
12 th March, 2020	Edo	1	0	0
12 th March, 2020	FCT	11	0	0
12 th March, 2020	Kano	1	0	0
12 th March, 2020	FCT	11	0	0
12 th March, 2020	Lagos	23	0	0
12 th March, 2020	Ogun	4	0	0
12 th March, 2020	Rivers	1	0	0
12 th March, 2020	Yobe	1	0	0
13 th March, 2020	Edo	11	0	0
13 th March, 2020	FCT	1	0	0
13 th March, 2020	Kano	24	0	0
13 th March, 2020	Lagos	4	0	0
13 th March, 2020	Ogun	1	0	0
13 th March, 2020	Rivers	1	0	0
13 th March, 2020	Yobe	1	0	0
14 th March 2020	Edo	11	0	0
14 th March 2020	Enugu	1	0	0
14 th March 2020	FCT	28	0	0
14 th March 2020	Kano	4	0	0

14 th March 2020	Lagos	1	0	0
14 th March 2020	Ogun	1	0	0
14 th March 2020	Rivers	1	0	0
14 th March 2020	Yobe	1	0	0
TOTAL		270	0	0

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

The result from the above table shows that confirmed cases of Covid-19 for the second week was 270. During the week, there was no case of mortality or discharged.

Week 3: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
15 th March 2020	Edo	1	0	0
15 th March 2020	Enugu	1	0	0
15 th March 2020	FCT	11	0	0
15 th March 2020	Kano	1	0	0
15 th March 2020	Lagos	28	0	0
15 th March 2020	Ogun	4	0	0
15 th March 2020	Rivers	1	0	0
15 th March 2020	Yobe	1	0	0
16th March 2020	Edo	1	0	0
16th March 2020	Enugu	1	0	0
16th March 2020	FCT	11	0	0
16th March 2020	Kano	1	0	0
16th March 2020	Lagos	33	0	0
16th March 2020	Ogun	4	0	1
16th March 2020	Rivers	1	0	0
16th March 2020	Yobe	1	0	0
17th March 2020	Edo	1	0	0
17th March 2020	Enugu	1	0	0
17th March 2020	FCT	11	0	0
17th March 2020	Kano	1	0	0
17th March 2020	Lagos	35	0	0
17th March 2020	Ogun	4	0	0
17th March 2020	Rivers	1	0	0
17th March 2020	Yobe	1	0	0
18th March 2020	FCT	15	0	0
18th March 2020	Kano	1	0	0
18th March 2020	Lagos	44	0	0
18th March 2020	Ogun	4	1	0
18th March 2020	Rivers	1	0	0
18th March 2020	Yobe	1	0	0
18th March 2020	Ekiti	1	0	0

19th March 2020	Edo	1	0	0
19th March 2020	Enugu	1	0	0
19th March 2020	FCT	15	0	0
19th March 2020	Kano	1	0	0
19th March 2020	Lagos	44	0	0
19th March 2020	Ogun	4	1	0
19th March 2020	Rivers	1	0	0
19th March 2020	Yobe	1	0	0
19th March 2020	Ekiti	1	0	0
21st March 2020	Edo	1	0	0
21st March 2020	Adamawa	1	0	0
21st March 2020	A/Ibom	1	0	0
21st March 2020	FCT	34	0	0
21st March 2020	Kano	2	0	0
21st March 2020	Lagos	76	0	0
21st March 2020	Ogun	4	0	0
21st March 2020	Nasarawa	5	0	0
21st March 2020	Rivers	1	0	0
21st March 2020	Yobe	1	0	0
21st March 2020	Ekiti	4	0	0
21st March 2020	Kastina	1	0	0
21st March 2020	Ondo	1	0	0
TOTAL	-	425	2	

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

From the table above, it revealed that the third week of Covid-19 incidence in Nigeria recorded 425 confirmed cases, two (2) discharged cases and zero mortality.

Week 4: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
22nd March 2020	Ekiti	1	0	0
22nd March 2020	FCT	4	0	0
22nd March 2020	Lagos	22	0	0
22nd March 2020	Ogun	2	0	2
22nd March 2020	Oyo	1	0	0
23rd March 2020	Edo	1	0	0
23rd March 2020	Ekiti	1	0	0
23rd March 2020	FCT	6	0	0
23rd March 2020	Lagos	25	0	0
23rd March 2020	Ogun	2	0	2
23rd March 2020	Oyo	1	0	0
24th March 2020	Bauch	1	0	0
24th March 2020	Edo	1	0	0
24th March 2020	Ekiti	1	0	0

24th March 2020	Lagos	29	0	0
24th March 2020	Ogun	3	2	0
24th March 2020	Oyo	1	0	0
25th March 2020	Bauchi	1	0	0
25th March 2020	Edo	1	0	0
25th March 2020	Ekiti	1	0	0
25th March 2020	FCT	10	1	1
25th March 2020	Lagos	32	0	0
25th March 2020	Ogun	3	0	0
25th March 2020	Osun	1	0	0
25th March 2020	Oyo	1	0	0
25th March 2020	Rivers	1	0	0
26th March 2020	Bauchi	2	0	0
26th March 2020	Edo	1	0	0
26th March 2020	Ekiti	1	0	0
26th March 2020	FCT	11	1	0
26th March 2020	Lagos	44	1	0
26th March 2020	Ogun	3	2	0
26th March 2020	Ekiti	1	0	0
26th March 2020	Oyo	1	0	0
26th March 2020	Rivers	1	0	0
27 th March,2020	NO REPORTED CASE	0		
28th March 2020	Lagos	59	1	1
28th March 2020	FCT	16	0	0
28th March 2020	Oyo	7	0	0
28th March 2020	Ogun	3	2	0
28th March 2020	Bauchi	2	0	0
28th March 2020	Ondo	2	0	0
28th March 2020	Enugu	2	0	0
28th March 2020	Osun	2	0	0
28th March 2020	Benue	1	0	0
28th March 2020	Ekiti	1	0	0
28th March 2020	Kaduna	1	0	0
28th March 2020	Rivers	1	0	0
TOTAL	-	147	10	6

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

From the above analysis, the result revealed that in week four of the Covid-19 outbreak in Nigeria. The confirmed cases were 147, discharged cases 10 and mortality recorded was 6 in most of the affected states in Nigeria.

Week 5: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
29th March 2020	Lagos	68	0	1
29th March 2020	FCT	21	1	0
29th March 2020	Oyo	7	0	0

29th March 2020	Ogun	3	0	2
29th March 2020	Bauchi	2	0	0
29th March 2020	Edo	2	0	0
29th March 2020	Enugu	2	0	0
29th March 2020	Osun	2	0	0
29th March 2020	Ekiti	1	0	0
29th March 2020	Benue	1	0	0
29th March 2020	Kaduna	1	0	0
29th March 2020	Rivers	1	0	0
30th March 2020	Lagos	81	0	6
30th March 2020	FCT	25	2	0
30th March 2020	Oyo	8	0	0
30th March 2020	Kaduna	3	0	0
30th March 2020	Ogun	3	0	2
30th March 2020	Bauchi	2	0	0
30th March 2020	Enugu	2	0	0
30th March 2020	Osun	2	0	0
30th March 2020	Benue	1	0	0
30th March 2020	Ekiti	1	0	0
30th March 2020	Rivers	1	0	0
31st March 2020	Lagos	82	0	6
31st March 2020	FCT	28	2	0
31st March 2020	Oyo	8	0	0
31st March 2020	Osun	5	0	0
31st March 2020	Ogun	4	0	0
31st March 2020	Kaduna	3	0	0
31st March 2020	Bauchi	2	0	0
31st March 2020	Edo	2	0	0
31st March 2020	Enugu	2	0	0
31st March 2020	Beune	1	0	0
31st March 2020	Ekiti	1	0	1
31st March 2020	Rivers	1	0	0
1st April 2020	Lagos	91	0	6
1st April 2020	A/Ibom	5	0	0
1st April 2020	FCT	35	2	0
1st April 2020	Oyo	8	0	0
1st April 2020	Osun	14	0	0
1st April 2020	Ogun	4	0	2
1st April 2020	Kaduna	4	0	0
1st April 2020	Bauchi	3	0	0
1st April 2020	Edo	4	0	0
1st April 2020	Enugu	2	0	0
1st April 2020	Benue	1	0	0
1st April 2020	Ekiti	2	0	1

1st April 2020	Rivers	1	0	0
2nd April 2020	Lagos	98	0	17
2nd April 2020	FCT	36	2	0
2nd April 2020	Osun	14	0	0
2nd April 2020	Oyo	8	0	0
2nd April 2020	Akwa-Ibom	5	0	0
2nd April 2020	Ogun	4	0	2
2nd April 2020	Kaduna	4	0	0
2nd April 2020	Edo	4	0	0
2nd April 2020	Bauchi	3	0	0
2nd April 2020	Enugu	2	0	0
2nd April 2020	Ekiti	2	0	1
2nd April 2020	Benue	1	0	0
2nd April 2020	Rivers	1	0	0
3rd April 2020	Lagos	109	1	22
3rd April 2020	FCT	41	2	0
3rd April 2020	Ogun	22	0	0
3rd April 2020	Oyo	8	0	0
3rd April 2020	Akwa Ibom	5	0	0
3rd April 2020	Ogun	4	0	2
3rd April 2020	Kaduna	4	0	0
3rd April 2020	Edo	7	1	0
3rd April 2020	Bauchi	3	0	0
3rd April 2020	Enugu	2	0	0
3rd April 2020	Ekiti	2	0	1
3rd April 2020	Benue	1	0	0
3rd April 2020	Rivers	1	0	0
3rd April 2020	Ondo	1	0	0
4th April 2020	Lagos	109	1	6
4th April 2020	FCT	43	2	0
4th April 2020	Osun	20	0	0
4th April 2020	Oyo	9	0	0
4th April 2020	Edo	7	1	0
4th April 2020	Bauchi	6	0	0
4th April 2020	Akwa Ibom	5	0	0
4th April 2020	Ogun	4	0	0
4th April 2020	Kaduna	4	0	0
4th April 2020	Enugu	2	0	0
4th April 2020	Ekiti	2	0	1
4th April 2020	Rivers	1	0	0
4th April 2020	Benue	1	0	0
4th April 2020	Ondo	1	0	0
TOTAL	-	948	12	70

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

From the above table, it revealed that 948 confirmed cases and 70 victims were discharged. were recorded, from this case, 12 mortalities were recorded

Week 6: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
5th April 2020	Lagos	12	2	55
5th April 2020	FCT	47	2	11
5th April 2020	Osun	20	0	11
5th April 2020	Oyo	9	0	4
5th April 2020	Edo	8	1	0
5th April 2020	Bauchi	6	0	0
5th April 2020	Akwa Ibom	5	0	0
5th April 2020	Kaduna	5	0	0
5th April 2020	Ogun	4	0	2
5th April 2020	Enugu	2	0	0
5th April 2020	Ekiti	2	0	1
5th April 2020	Benue	1	0	0
5th April 2020	Rivers	1	0	1
5th April 2020	Ondo	1	0	0
April 6 2020	Lagos	10	2	31
April 6 2020	FCT	42	2	0
April 6 2020	Osun	20	0	2
April 6 2020	Edo	11	1	0
April 6 2020	Oyo	9	0	0
April 6 2020	Bauchi	6	0	0
April 6 2020	Akwa Ibom	5	0	0
April 6 2020	Kaduna	5	0	0
April 6 2020	Ogun	4	0	2
April 6 2020	Ekiti	2	0	0
April 6 2020	Rivers	2	0	0
April 6 2020	Kwara	2	0	0
April 6 2020	Benue	1	0	0
April 6 2020	Ondo	1	0	0
April 7 th 2020	Lagos	13	2	0
April 7 th 2020	FCT	6	2	0
April 7 th 2020	Osun	2	0	0
April 7 th 2020	Edo	1	1	0
April 7 th 2020	Oyo	1	0	0
April 7 th 2020	Bauchi	6	0	0
April 7 th 2020	Akwa Ibom	5	0	0
April 7 th 2020	Kaduna	5	0	0
April 7 th 2020	Edo	4	0	0
April 7 th 2020	Ekiti	2	0	0
April 7 th 2020	Enugu	2	0	0
April 7 th 2020	Rivers	2	0	0

April 7 th 2020	Kwara	2	0	0
April 7 th 2020	Benue	1	0	0
April 7 th 2020	Ondo	1	0	0
April 7 th 2020	Delta	1	0	0
April 7 th 2020	Kastina	1	1	0
April 8th 2020	Lagos	11	2	32
April 8th 2020	FCT	4	2	7
April 8th 2020	Osun	4	0	1
April 8th 2020	Edo	12	1	0
April 8th 2020	Oyo	1	0	0
April 8th 2020	Bauchi	8	0	0
April 8th 2020	Akwa Ibom	5	0	0
April 8th 2020	Kaduna	5	0	0
April 8th 2020	Ogun	4	0	2
April 8th 2020	Ekiti	2	0	1
April 8th 2020	Enugu	2	0	0
April 8th 2020	Rivers	2	0	1
April 8th 2020	Kwara	2	0	0
April 8th 2020	Benue	1	0	0
April 8th 2020	Ondo	1	0	0
April 8th 2020	Delta	1	0	0
April 8th 2020	Kastina	1	1	0
April 9th 2020	Lagos	8	2	0
April 9th 2020	FCT	5	2	0
April 9th 2020	Osun	2	0	0
April 9th 2020	Edo	2	1	0
April 9th 2020	Oyo	1	0	0
April 9th 2020	Bauchi	6	0	0
April 9th 2020	Akwa Ibom	5	0	0
April 9th 2020	Kaduna	5	0	0
April 9th 2020	Ogun	4	0	0
April 9th 2020	Ekiti	2	0	0
April 9th 2020	Rivers	2	0	0
April 9th 2020	Enugu	2	0	0
April 9th 2020	Kwara	2	0	0
April 9th 2020	Delta	2	1	0
April 9th 2020	Benue	1	0	0
April 9th 2020	Ondo	1	0	0
April 9th 2020	Kastina	1	1	0
April 10, 2020	Lagos	163	2	46
April 10, 2020	FCT	56	2	7
April 10, 2020	Osun	20	0	1
April 10, 2020	Edo	12	1	0

April 10, 2020	Oyo	11	0	0
April 10, 2020	Bauchi	6	0	0
April 10, 2020	Kaduna	6	0	0
April 10, 2020	Akwa Ibom	5	0	0
April 10, 2020	Ogun	7	0	2
April 10, 2020	Katsina	4	1	0
April 10, 2020	Ekiti	2	0	1
April 10, 2020	Enugu	2	0	0
April 10, 2020	Kwara	2	0	0
April 10, 2020	Delta	2	1	0
April 10, 2020	Ondo	2	0	0
April 10, 2020	Benue	1	0	0
April 10, 2020	Anambra	1	0	0
April 10, 2020	Niger	1	0	0
April 11, 2020	Lagos	174	5	50
April 11, 2020	FCT	56	2	11
April 11, 2020	Osun	20	0	1
April 11, 2020	Edo	12	1	0
April 11, 2020	Oyo	11	0	4
April 11, 2020	Ogun	7	0	2
April 11, 2020	Bauchi	6	0	0
April 11, 2020	Kaduna	6	0	0
April 11, 2020	Akwa Ibom	5	0	0
April 11, 2020	Katsina	4	1	0
April 11, 2020	Delta	3	1	0
April 11, 2020	Ekiti	2	0	1
April 11, 2020	Enugu	2	0	0
April 11, 2020	Rivers	2	0	0
April 11, 2020	Kwara	2	0	0
April 11, 2020	Ondo	2	0	0
April 11, 2020	Benue	1	0	0
April 11, 2020	Anambra	1	0	0
April 11, 2020	Niger	1	0	0
April 11, 2020	Kano	1	0	0
TOTAL		1,036	46	290

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

From the above table, the report revealed that the number of mortality was 46. While the number of discharged cases was confirmed cases in this week was 1,036, the number of 290 in the same period under consideration.

Week 7: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
April 12, 2020	Lagos	176	5	55
April 12, 2020	FCT	56	2	11
April 12, 2020	Osun	20	0	11

April 12, 2020	Edo	12	1	0
April 12, 2020	Oyo	11	0	4
April 12, 2020	Ogun	7	0	2
April 12, 2020	Bauchi	6	0	0
April 12, 2020	Kaduna	6	0	0
April 12, 2020	Akwa Ibom	5	0	0
April 12, 2020	Katsina	5	1	0
April 12, 2020	Kwara	4	0	0
April 12, 2020	Delta	3	1	0
April 12, 2020	Ekiti	2	0	1
April 12, 2020	Rivers	2	0	1
April 12, 2020	Ondo	2	0	0
April 12, 2020	Benue	1	0	0
April 12, 2020	Anambra	1	0	0
April 12, 2020	Niger	1	0	0
April 12, 2020	Kano	1	0	0
April 13, 2020	Lagos	183	5	61
April 13, 2020	FCT	56	2	11
April 13, 2020	Osun	20	0	11
April 13, 2020	Edo	14	1	0
April 13, 2020	Oyo	11	0	2
April 13, 2020	Ogun	9	0	4
April 13, 2020	Bauchi	6	0	0
April 13, 2020	Kaduna	6	0	0
April 13, 2020	Akwa Ibom	5	0	0
April 13, 2020	Katsina	5	1	0
April 13, 2020	Kwara	4	0	0
April 13, 2020	Delta	3	1	0
April 13, 2020	Ondo	3	0	0
April 13, 2020	Kano	3	0	0
April 13, 2020	Ekiti	2	0	1
April 13, 2020	Enugu	2	0	0
April 13, 2020	Rivers	2	0	1
April 13, 2020	Benue	1	0	0
April 13, 2020	Anambra	1	0	0
April 13, 2020	Niger	1	0	0
April 14, 2020	Lagos	214		69
April 14, 2020	FCT	58	6	11
April 14, 2020	Osun	20	2	11
April 14, 2020	Edo	15	0	0
April 14, 2020	Oyo	11	1	4
April 14, 2020	Ogun	9	0	2
April 14, 2020	Bauchi	6	0	0

April 14, 2020	Kaduna	6	0	0
April 14, 2020	Akwa Ibom	6	0	0
April 14, 2020	Katsina	5	0	0
April 14, 2020	Kwara	4	1	0
April 14, 2020	Kano	4	0	0
April 14, 2020	Delta	3	0	0
April 14, 2020	Ondo	3	1	0
April 14, 2020	Ekiti	2	0	1
April 14, 2020	Enugu	2	0	0
April 14, 2020	Rivers	2	0	1
April 14, 2020	Benue	1	0	0
April 14, 2020	Anambra	1	0	0
April 14, 2020	Niger	1	0	0
April 15 th , 2020	Lagos	232	7	85
April 15 th , 2020	FCT	58	2	23
April 15 th , 2020	Osun	20	0	11
April 15 th , 2020	Kano	16	0	0
April 15 th , 2020	Edo	15	1	0
April 15 th , 2020	Oyo	11	0	4
April 15 th , 2020	Ogun	9	0	2
April 15 th , 2020	Katsina	7	1	0
April 15 th , 2020	Bauchi	6	0	0
April 15 th , 2020	Kaduna	6	0	0
April 15 th , 2020	Akwa Ibom	6	0	0
April 15 th , 2020	Kwara	4	0	0
April 15 th , 2020	Delta	4	1	0
April 15 th , 2020	Ondo	3	0	0
April 15 th , 2020	Ekiti	2	0	1
April 15 th , 2020	Enugu	2	0	1
April 15 th , 2020	Rivers	2	0	1
April 15 th , 2020	Niger	2	0	0
April 15 th , 2020	Benue	1	0	0
April 15 th , 2020	Anambra	1	0	0
April, 16 th , 2020	Lagos	251	7	0
April, 16 th , 2020	FCT	67	2	0
April, 16 th , 2020	Kano	21	1	0
April, 16 th , 2020	Osun	20	0	0
April, 16 th , 2020	Edo	15	1	0
April, 16 th , 2020	Oyo	13	0	0
April, 16 th , 2020	Ogun	9	0	0
April, 16 th , 2020	Katsina	7	1	0
April, 16 th , 2020	Kaduna	6	0	0
April, 16 th , 2020	Bauchi	6	0	0

April, 16 th , 2020	Akwa Ibom	6	0	0
April, 16 th , 2020	Kwara	4	0	0
April, 16 th , 2020	Delta	4	1	0
April, 16 th , 2020	Ondo	3	0	0
April, 16 th , 2020	Rivers	2	0	0
April, 16 th , 2020	Niger	2	0	0
April, 16 th , 2020	Enugu	2	0	0
April, 16 th , 2020	Ekiti	2	0	0
April, 16 th , 2020	Benue	1	0	0
April, 16 th , 2020	Anambra	1	0	0
April, 17 th , 2020	Lagos	283	11	90
April, 17 th , 2020	FCT	69	2	23
April, 17 th , 2020	Kano	27	1	0
April, 17 th , 2020	Osun	20	0	17
April, 17 th , 2020	Edo	15	1	5
April, 17 th , 2020	Oyo	15	0	5
April, 17 th , 2020	Ogun	10	0	0
April, 17 th , 2020	Katsina	9	1	0
April, 17 th , 2020	Kwara	9	0	0
April, 17 th , 2020	Kaduna	6	0	4
April, 17 th , 2020	Bauchi	6	0	0
April, 17 th , 2020	Akwa Ibom	6	0	3
April, 17 th , 2020	Delta	4	1	0
April, 17 th , 2020	Ondo	3	0	0
April, 17 th , 2020	Ekiti	3	0	2
April, 17 th , 2020	Rivers	2	0	2
April, 17 th , 2020	Niger	2	0	0
April, 17 th , 2020	Enugu	2	0	0
April, 17 th , 2020	Benue	1	0	0
April, 17 th , 2020	Anambra	1	0	0
April, 18 th , 2020	Lagos	306	13	93
April, 18 th , 2020	FCT	81	2	23
April, 18 th , 2020	Kano	37	1	0
April, 18 th , 2020	Osun	20	0	18
April, 18 th , 2020	Oyo	16	0	5
April, 18 th , 2020	Edo	15	1	6
April, 18 th , 2020	Ogun	12	0	5
April, 18 th , 2020	Katsina	9	1	0
April, 18 th , 2020	Kwara	9	0	2
April, 18 th , 2020	Kaduna	6	0	4
April, 18 th , 2020	Bauchi	6	0	1
April, 18 th , 2020	Akwa Ibom	6	0	3
April, 18 th , 2020	Delta	4	1	0

April, 18 th , 2020	Ekiti	4	0	2
April, 18 th , 2020	Ondo	3	0	2
April, 18 th , 2020	Rivers	2	0	1
April, 18 th , 2020	Niger	2	0	0
April, 18 th , 2020	Enugu	2	0	0
April, 18 th , 2020	Benue	1	0	0
April, 18 th , 2020	Anambra	1	0	0
TOTAL		2915	92	719

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

The above result shows that as of the seven week of covid-19 in Nigeria, the confirmed cases were 2,915, mortality was 92 cases and 719 victims were discharged.

Week 8: Situation report

Date	State	Confirmed case (s)	Mortality	Discharged
April, 19 th , 2020	Lagos	376	13	97
April, 19 th , 2020	FCT	88	2	23
April, 19 th , 2020	Kano	36	1	0
April, 19 th , 2020	Osun	20	0	18
April, 19 th , 2020	Oyo	16	0	5
April, 19 th , 2020	Edo	15	1	6
April, 19 th , 2020	Ogun	12	0	6
April, 19 th , 2020	Katsina	12	1	0
April, 19 th , 2020	Kwara	9	0	2
April, 19 th , 2020	Akwa Ibom	9	1	3
April, 19 th , 2020	Bauchi	7	0	1
April, 19 th , 2020	Kaduna	6	0	4
April, 19 th , 2020	Delta	4	1	0
April, 19 th , 2020	Ekiti	3	0	2
April, 19 th , 2020	Ondo	3	0	0
April, 19 th , 2020	Rivers	2	0	2
April, 19 th , 2020	Niger	2	0	0
April, 19 th , 2020	Enugu	2	0	2
April, 19 th , 2020	Jigawa	2	0	0
April, 19 th , 2020	Benue	1	0	0
April, 19 th , 2020	Anambra	1	0	0
April, 19 th , 2020	Borno	1	1	0
April, 20 th , 2020	Lagos	376	13	97
April, 20 th , 2020	FCT	89	3	35
April, 20 th , 2020	Kano	59	1	0
April, 20 th , 2020	Osun	20	0	18
April, 20 th , 2020	Oyo	16	0	5
April, 20 th , 2020	Edo	15	1	7
April, 20 th , 2020	Ogun	12	0	2
April, 20 th , 2020	Katsina	12	1	0
April, 20 th , 2020	Kwara	9	0	2

April, 20 th , 2020	Akwa Ibom	9	1	3
April, 20 th , 2020	Kaduna	9	0	4
April, 20 th , 2020	Bauchi	7	0	5
April, 20 th , 2020	Gombe	5	0	0
April, 20 th , 2020	Delta	4	1	0
April, 20 th , 2020	Ekiti	4	0	2
April, 20 th , 2020	Ondo	3	0	1
April, 20 th , 2020	Borno	3	1	0
April, 20 th , 2020	Rivers	2	0	2
April, 20 th , 2020	Niger	2	0	0
April, 20 th , 2020	Enugu	2	0	2
April, 20 th , 2020	Jigawa	2	0	0
April, 20 th , 2020	Abia	2	0	0
April, 20 th , 2020	Benue	1	0	0
April, 20 th , 2020	Anambra	1	0	0
April, 20 th , 2020	Sokoto	1	0	0
April, 21 st , 2020	Lagos	430	15	108
April, 21 st , 2020	FCT	118	3	35
April, 21 st , 2020	Kano	73	1	0
April, 21 st , 2020	Osun	20	0	18
April, 21 st , 2020	Ogun	20	0	5
April, 21 st , 2020	Oyo	16	0	5
April, 21 st , 2020	Katsina	16	1	0
April, 21 st , 2020	Edo	15	2	7
April, 21 st , 2020	Kwara	9	0	2
April, 21 st , 2020	Akwa Ibom	9	1	3
April, 21 st , 2020	Kaduna	9	0	4
April, 21 st , 2020	Borno	9	1	0
April, 21 st , 2020	Bauchi	8	0	5
April, 21 st , 2020	Gombe	5	0	0
April, 21 st , 2020	Delta	4	1	0
April, 21 st , 2020	Ekiti	4	0	2
April, 21 st , 2020	Ondo	3	0	1
April, 21 st , 2020	Rivers	3	0	2
April, 21 st , 2020	Niger	2	0	0
April, 21 st , 2020	Enugu	2	0	2
April, 21 st , 2020	Jigawa	2	0	0
April, 21 st , 2020	Abia	2	0	0
April, 21 st , 2020	Benue	1	0	0
April, 21 st , 2020	Anambra	1	0	0
April, 21 st , 2020	Sokoto	1	0	0
April, 22 nd , 2020	Lagos	504	15	106
April, 22 nd , 2020	FCT	119	3	35
April, 22 nd , 2020	Kano	73	1	0
April, 22 nd , 2020	Ogun	24	0	18
April, 22 nd , 2020	Katsina	21	1	0

April,22 nd , 2020	Osun	20	0	5
April,22 nd , 2020	Oyo	17	1	7
April,22 nd , 2020	Edo	17	2	2
April,22 nd , 2020	Kwara	10	0	3
April,22 nd , 2020	Akwa Ibom	9	1	4
April,22 nd , 2020	Kaduna	9	0	5
April,22 nd , 2020	Borno	9	2	0
April,22 nd , 2020	Bauchi	8	0	0
April,22 nd , 2020	Delta	6	1	2
April,22 nd , 2020	Gombe	5	0	1
April,22 nd , 2020	Ekiti	4	1	2
April,22 nd , 2020	Ondo	3	0	0
April,22 nd , 2020	Rivers	3	0	0
April,22 nd , 2020	Niger	2	0	0
April,22 nd , 2020	Enugu	2	0	2
April,22 nd , 2020	Jigawa	2	0	0
April,22 nd , 2020	Abia	2	0	0
April,22 nd , 2020	Benue	1	0	0
April,22 nd , 2020	Anambra	1	0	0
April,22 nd , 2020	Sokoto	1	0	0
April,22 nd , 2020	Adamawa	1	0	0
April,23 rd , 2020	Lagos	106	16	106
April,23 rd , 2020	FCT	35	3	35
April,23 rd , 2020	Kano	5	1	0
April,23 rd , 2020	Ogun	0	1	
April,23 rd , 2020	Katsina	18	1	0
April,23 rd , 2020	Osun	5	0	18
April,23 rd , 2020	Oyo	3	1	5
April,23 rd , 2020	Edo	7	2	7
April,23 rd , 2020	Borno	0	2	0
April,23 rd , 2020	Kwara	2	0	2
April,23 rd , 2020	Akwa Ibom	3	1	
April,23 rd , 2020	Kaduna	4	0	
April,23 rd , 2020	Gombe	0	0	
April,23 rd , 2020	Rivers	5	0	5
April,23 rd , 2020	Niger	0	1	0
April,23 rd , 2020	Enugu	2	1	2
April,23 rd , 2020	Jigawa	0	0	1
April,23 rd , 2020	Abia	5	1	2
April,23 rd , 2020	Benue	0	0	0
April,23 rd , 2020	Anambra	2	0	2
April,23 rd , 2020	Sokoto	1	0	0
April,23 rd , 2020	Plateau	2	0	0
April,24 th , 2020	Lagos	80	0	116
April,24 th , 2020	FCT	5	0	35

April,24th , 2020	Gombe	21	0	0
April,24th , 2020	Ogun	21	5	18
April,24th , 2020	Katsina	1	0	7
April,24th , 2020	Edo	2	0	5
April,24th , 2020	Oyo	1	0	4
April,24th , 2020	Kaduna	1	0	1
April,24th , 2020	Sokoto	1	0	0
April,25th , 2020	Lagos	33	3	6
April,25th , 2020	FCT	0	0	0
April,25th , 2020	Kano	4	0	0
April,25th , 2020	Ogun	0	0	0
April,25th , 2020	Osun	12	0	0
April,25th , 2020	Borno	18	0	0
April,25th , 2020	Gombe	0	0	0
April,25th , 2020	Katsina	9	0	4
April,25th , 2020	Edo	3	0	0
April,25th , 2020	Oyo	0	0	0
April,25th , 2020	Akwa Ibom	0	0	3
April,25th , 2020	Bauchi	3	0	0
April,25th , 2020	Kwara	0	0	0
April,25th , 2020	Kaduna	0	0	0
April,25th , 2020	Ekiti	4	0	0
April,25th , 2020	Delta	0	0	0
April,25th , 2020	Ondo	0	0	0
April,25th , 2020	Rivers	0	0	0
April,25th , 2020	Abia	0	0	0
April,25th , 2020	Enugu	0	0	0
April,25th , 2020	Jigawa	0	0	0
April,25th , 2020	Niger	0	0	0
April,25th , 2020	Sokoto	0	0	0
April,25th , 2020	Zamfara	0	0	0
April,25th , 2020	Adamawa	0	0	0
April,25th , 2020	Anambra	0	0	1
April,25th , 2020	Benue	0	0	0
April,25th , 2020	Imo	1	0	0
April,25th , 2020	Plateau	0	0	0
T TOTAL		3372	135	1132

Source: Covid-19 situation Report 2020. www.covid19.ncdc.gov.ng

The Covid-19 weekly situation analysis for week eight revealed that confirmed cases for the affected states was 3372. While the mortality was put at 135 and the discharged cases was recorded as 1132.

IV. METHODOLOGY

The data presented here were calculated cumulatively. Also, the work used literature of other authors as secondary source.

The data utilized here were derived from the Nigerian Center for Diseases Control covid-19 situation analysis. However, the researchers made a weekly presentation of situation analysis covering demographics like date of occurrence, location (State), confirmed cases, discharged cases and the numbers of mortality per state within the week were also captured.

V. CONCLUSION AND RECOMMENDATIONS

The sudden emergence of public health outbreak like the Covid-19 pandemic in the world has opened “the global eyes” to some demographic issues taken for granted before now, like data management of the population especially in the developing world like Nigeria and other African Countries. The efficiency and inclusivity of humanitarian palliatives by the government, privates’ individuals or cooperate bodies is conditioned to adequate and relevant demographic data of the population. Humanitarian emergency like the outbreak of pandemic brings about changes in social and economic structure of the society. The United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA) has been the United Nations Agency that coordinate palliatives during humanitarian emergency. The agency has recommended effective distribution of palliative and relief materials to all victims in the region using demographic data. Delivering palliative care in the midst of humanitarian crisis poses numerous challenges as a result of poor data management by the relevant data management agencies. Human population all over the world have suffered from different forms of public health emergency like the haemorrhagic virus (Lassava fever, Ebola) and among others. But today, the world is ravaging by the coronavirus (Covid-19).

The paper recommends that the Nigerian Government should follow the guidelines of the United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA) in palliative distribution to meet international standard. Secondly, there is need for a total overhaul of the

Nigeria Data Management system like the Nigerian Bureau of Statistics, National Population Commission among others to provide adequate demographic data. Thirdly, the paper recommended further that the Nigerian ministry of Humanitarian Affairs and Disaster Management should partner with the Nigerian data management bodies in palliative and relief materials distribution to access the “poor and vulnerable” in the rural communities whose livelihood has been disconnected as a result of the outbreak of Covid-19 in Nigeria.

REFERENCES

- [1] AbdulAzeez A. A (2020). The coronavirus disease 2019 (COVID-19) pandemic: A review and an update on cases in Africa. *Asian Pacific Journal of Tropical Medicine*.13(1):1-25
- [2] De-Yun, W.,and Yan, Y. (2020). The origin, transmission and clinical therapies on coronavirus disease 2019 (COVID-19) outbreak – an update on the status. *Journal of Military Medical Research*. 7 (11): 131 -21.
- [3] Michael, W., Justin, W., Lynch, T., and David, C. (2008). Mapping Levels of Palliative Care Development: A Global View. *Journal of Pain and Symptom Management*.35(5):470-477
- [4] Olusanya, E. O., Korter ,G. O. and Obafemi, A. K. (2015). Nigerian statistical system: the evolution, progress and challenges. *Journal of Social Development*. 1(2):1-11
- [5] Tamar, E., Diederik, L., and Gabriela, B. (2018). Palliative Care and Human Rights: A Decade of Evolution in Standards. *Journal of Pain and Symptom Management*. 55(2):1-7
- [6] Yan-Rong, G., Qing-Dong, C. , Zhong, S., Yuan-Yang, T., Shou-Deng, C., Hong-Jun, J., Kai-Sen, T., Zhu, N., Zhang, D., Wang, W., LiX., Yang, B., and Song, J. (2020). A novel coronavirus from patients with pneumonia in China. *International Journal of Medical Research*.382(8): 727–33.