

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

www.ncdc.gov.ng

PLOT 800 EBITU UKIWE STREET, JABI ABUJA, NIGERIA. TOLL FREE CALL: 0800-970000-10. E: info@ncdc.gov.ng



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TITLE:	NIGERIA MONKEYPOX OUTBREAK REPORT
SERIAL NUMBER:	025
DATE:	SEPTEMBER 15, 2018

KEY INDICATORS	NUMBERS
New cases reported	9
New confirmed	2
Total confirmed cases in 2018	37
Total number of confirmed cases reported from September 2017	115
Probable case from September 2017	4
Total deaths	7
States with at least one Confirmed case(including FCT)	17
States that have reported at least one suspected case (including FCT)	26
Confirmed Health worker infection	2

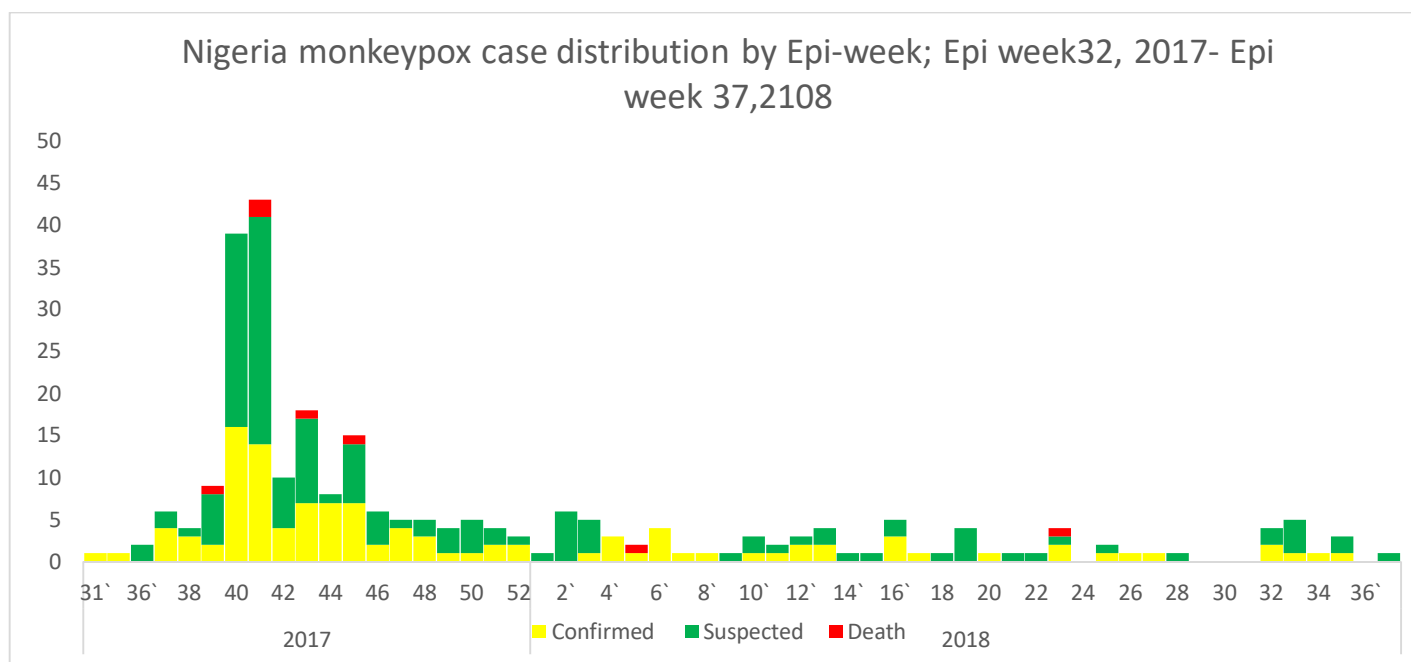
HIGHLIGHT

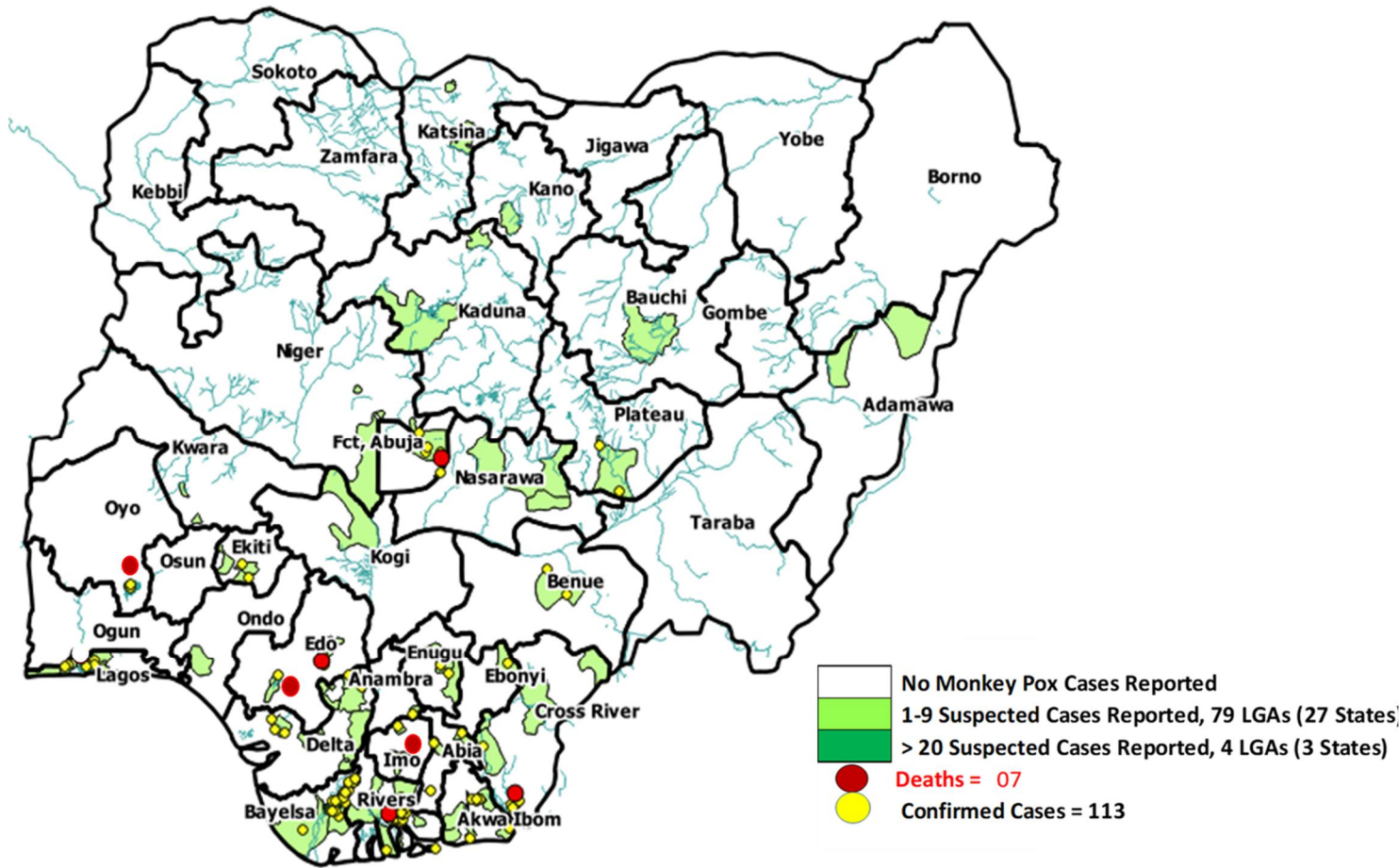
- Two cases of monkeypox were confirmed on 7 and 11 September 2018 in the UK in people with recent travel history to Nigeria and reported to NCDC by Public Health England (PHE).
- Case investigations and contact tracing ongoing in the UK and Nigeria
- A cluster of six suspected cases with epidemiological linkages to one of the cases in the UK has been identified in Rivers State
- Of the six cases, two of the six cases tested negative by RT PCR while two others had inconclusive results by RT PCR on blood samples
- In addition, two new confirmed cases have been recorded in Rivers that are not linked to the cluster described above
- NCDC is collaborating with PHE to investigate and strengthen further control measures on the two cases confirmed in UK

EPI-SUMMARY

- Two cases of monkeypox have been confirmed by PHE on 7th and 11th of September, 2018 in two individuals with a recent travel history to Nigeria on the 2nd and 4th September respectively and reported to NCDC by PHE
These cases are most likely to have been contracted in Nigeria

- A cluster of six suspected cases with epidemiological linkages to one of the cases in the UK identified in a Naval base in Rivers State. They developed symptoms and were managed in various locations (Rivers, Lagos and Delta states)
- The suspected cases presented and were managed as a varicella zoster infection until the confirmation of monkeypox in a member of the group.
- Two of the suspected cases tested negative to monkeypox while two others had an inconclusive result by RTPCR.
- Four of the cases were admitted and have been discharged. Two are still in isolation facilities
- Two other new cases have been positive to MPX in Rivers State. They are not linked to the cluster described above
- Of a total of 76 cases reported in 2018; there have been 37 confirmed, one probable and two deaths reported in 15 States (Rivers, Akwa-Ibom, Bayelsa, Cross River, Delta, Edo, Enugu, Imo, Lagos, Nasarawa, Oyo, Abia, Anambra, Plateau) and the FCT.
- Case distribution by week and location are shown in charts, map and table below
- Genetic sequencing suggests multiple sources of introduction of monkeypox virus into the human population with some evidence of human to human transmission
- Males are more affected with 79% of confirmed cases
- The most affected age group is 21-40 years (Median Age = 31)





Map of Nigeria showing distribution of monkeypox Cases as 31 August, 2 018

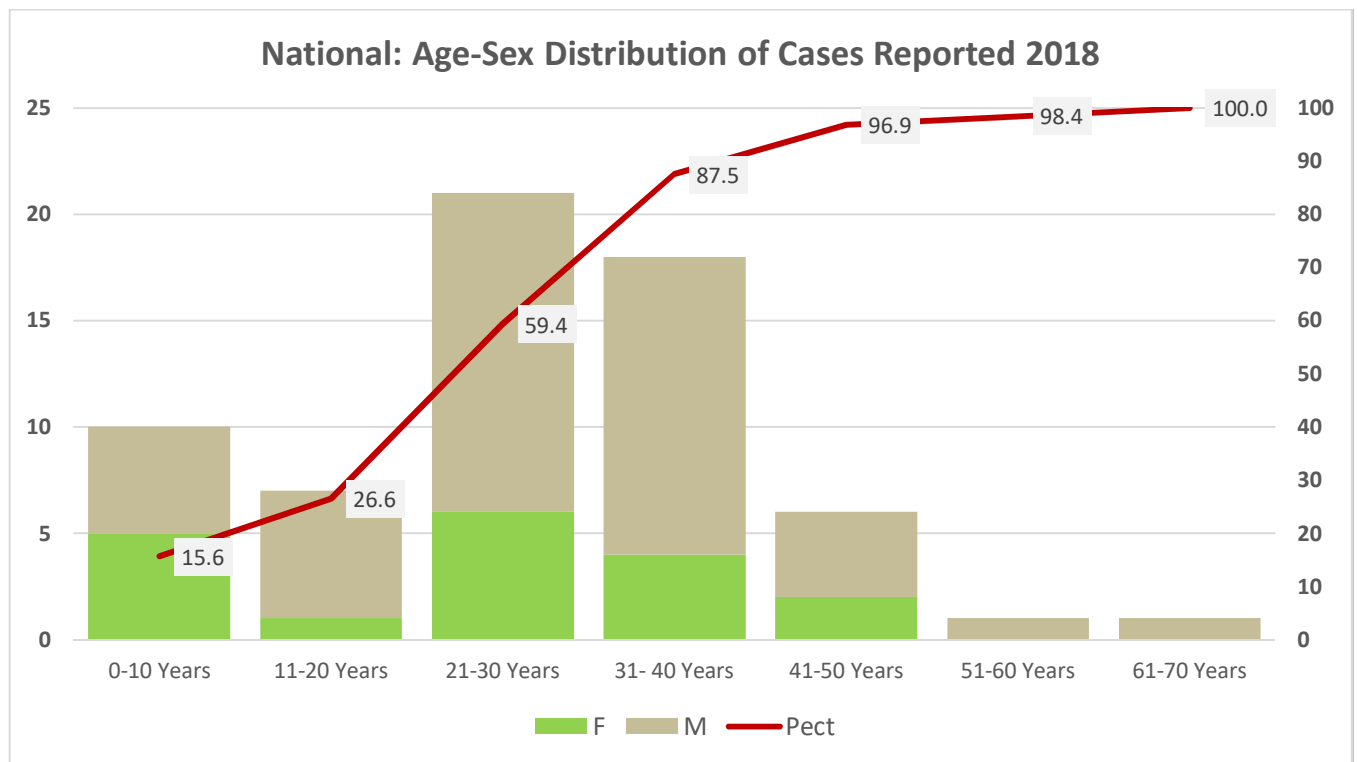


Table1: Monkeypox case distribution by states; September2017 - Setember 2018

State	Total cases Reported	Confirmed cases	Death in confirmed cases
Rivers	53	34	1
Bayelsa	42	20	0
Cross River	33	9	1
Imo	10	7	1
Akwa Ibom	21	6	0
Lagos	25	5	0
Delta	13	6	0
Edo	8	4	2
FCT	8	5	1
Abia	6	4	0
Oyo	6	3	1
Enugu	4	3	0
Ekiti	7	2	0
Nasarawa	3	2	0
Benue	2	2	0
Plateau	2	2	0
Anambra	2	1	0
Niger	6	0	0
Adamawa	4	0	0
Katsina	4	0	0
Kaduna	2	0	0
Kwara	2	0	0
Bauchi	1	0	0
Ebonyi	1	0	0
Kano	1	0	0
Kogi	1	0	0
Ondo	1	0	0
Total	269	115	7

RESPONSE ACTIVITIES

Coordination:

- NCDC is collaborating with Public Health England (PHE) to investigate these cases and strengthen further control measures relating to the two cases confirmed in UK
- A Teleconference held between the two organization on Wednesday, 12 September 15, 2018

Surveillance

- NCDC in collaboration with the State's Ministry of Health (Rivers, Delta, Lagos and FCT) and World Health Organization (WHO) are investigating suspected cases and monitoring contacts

- Contact tracing and follow up ongoing in the UK by PHE
- Enhanced surveillance ongoing in all States especially in most affected states.
- Animal Surveillance planned to commence in September, 2018

Laboratory

- National Reference laboratory, Gaduwa, Abuja carrying out laboratory diagnosis
- Pox virus unit of CDC Atlanta supporting genomic studies and quality control
- Courier service for specimen transportation from all States to the National Reference Laboratory now in place and functional

Case management

- Suspected and confirmed cases are managed in designated health facility in affected states using the National guidelines

Risk Communication:

- NCDC issued a press release on the monkeypox cases in the UK on Wednesday 12, September, 2018. <https://ncdc.gov.ng/news/152/re%3A-monkeypox-cases-in-the-united-kingdom>

Planned activities

- Animal surveillance will commence in October, 2018
- National Interim Monkeypox guideline review to hold 20-21 September, 2018 in Abuja
- Regional Monkeypox training scheduled to commence in October 2018.