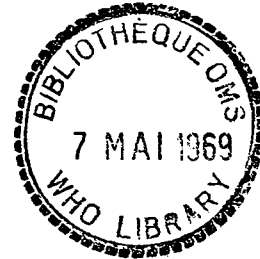




INTER-REGIONAL SEMINAR ON SMALLPOX ERADICATION

Lagos, Nigeria, 13-20 May 1969

COUNTRY REPORT



1.0 DEMOGRAPHIC DATA

1.1 Estimated population (July 1969)

Age	
0-4	
5-14	
15-44	
45+	
TOTAL	1 545 241

1.2 Population by geographic subdivision (Table 1)

1.3 Population density by geographic subdivision (Table 1)

1.4 Population density by geographic subdivision (Figure 1)

2.0 SMALLPOX INCIDENCE AND VACCINATION DATA

2.1 Smallpox cases by month and geographic subdivision - Jan. 1968 - Feb. 1969 (Table 2)

2.2 Location of smallpox outbreaks.

Oct. 68 - Dec. 68 (Figure 2)

Jan. 69 - Feb. 69 (Figure 3)

2.3 Incidence rates per 100 000 population by geographic subdivision and by quarter.

Jan. 68 - Mar. 68 (Figure 4)

Apr. 68 - Jun. 68 (Figure 5)

Jul. 68 - Sep. 68 (Figure 6)

Oct. 68 - Dec. 68 (Figure 7)

Jan. 69 - Feb. 69 (Figure 8)

2.4 Monthly distribution of smallpox cases by age and sex - Jan. 1969 - Feb. 1969
(Table 3)

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2.5 Smallpox vaccinations performed by quarter and geographic subdivision - January 1968 through February 1969 (Table 4)

2.6 Areas vaccinated since inception of the programme (Figure 9)

2.7 Smallpox vaccination targets by geographic subdivision - July 1969 through June 1970 (Table 5)

2.8 Method for recording of vaccinations:

Tally sheet: Yes No

Other registry system (specify) Distribution of a Health Card

2.9 Youngest age for beginning smallpox vaccination:

Birth 6 months Other _____

3.0 MEASLES INCIDENCE AND VACCINATION DATA (for countries engaged in measles vaccination programmes)

3.1 Reported measles cases by month and geographic subdivision (Table 6)

3.2 Measles immunizations by quarter and geographic subdivision (Table 7)

3.3 Areas vaccinated against measles since inception of the programme and areas where maintenance vaccination programmes have been initiated (Figure 10)

4.0 NUMBER OF PERSONNEL ENGAGED IN VACCINATION PROGRAMME

4.1 Vaccinators:	Regular teams	_____	Integrated with the 3 year programme of systematic case detection
	Maintenance teams	_____	
	Other (Specify)	_____	
	TOTAL	_____	

Other field staff, including recorders, drivers, etc. _____

Supervisory personnel (paramedical) _____

4.2 Number of vaccinators directly supervised by one supervisor _____

4.3 Average number of vaccinations performed daily by each team:

Regular teams _____

Maintenance teams _____

Other (specify) _____

5.0 PROGRAMME EXECUTION

5.1 Supervision

5.1.1 Proportion of time spent in field by supervisory staff and technical advisory staff checking directly on the work of vaccinators and assessors and lower level supervisors:

By country staff reviewing work of - Vaccination team: _____ days per mo.

Other levels: _____ days per mo.

By advisory staff reviewing work of -

Vaccination team: _____ days per mo.

Other levels: _____ days per mo.

5.1.2 Measures taken when vaccinator or assessor performance is unsatisfactory

5.2 Assessment

5.2.1 Vaccine "take rates"

Proportion of primary vaccinations in 0-4 year old children which are checked after seven days to determine takes _____

Steps taken when the proportion of successful primary vaccination falls below 95% _____

5.2.2 Vaccination coverage:

Number of vaccinations performed in each area are compared with the population estimate for the area (e.g. village register, census, etc.)

Yes

No

5.2.3 Assessment of coverage:

An assessment of coverage is regularly performed in a sample of the population

Yes

No

Level of coverage in the 0-4 and 5-14 year age group which is considered acceptable

85%

80%

Other _____

Proportion of assessment surveys which fall below the level noted above.

_____ %

Steps taken if the coverage is not acceptable (i.e. revaccinate the area etc.) _____

Changes which have been made in the programme as a direct result of assessment _____

5.3 Surveillance

5.3.1 Notification of smallpox cases:

Number of sites which could report smallpox cases (e.g. hospitals, health centres, health posts, dispensaries) _____

Frequency of reporting:

Immediate Weekly Other _____

Number of reports: Expected in 1968 _____

Received in 1968 _____

% received _____

Negative reporting is generally practised: Yes No

Other specialized programmes which report cases

Other persons or groups who have been requested to notify cases

Proportion of cases for which age, sex, and vaccination status are recorded

_____ %

Best estimate of the percentage of cases which are reported:

	January 1967	February 1969
More than 90%	_____	_____
75-89%	_____	_____
50-74%	_____	_____
Less than 50%	_____	_____

5.3.2 Case investigation and containment measures:

Number of case investigation/containment ('fire-fighting') teams which have been established _____

These teams are: Centralized Decentralized

If decentralized, to what extent _____

Proportion of cases, since October 1968, in which containment action was taken within 48 hours after notification _____ %

Proportion of outbreaks, since October 1968, routinely investigated to determine the origin of infection _____ %

Of the investigations noted above, the percentage of outbreaks where the origin was not ascertained _____ %

6.0 COMMODITIES

6.1 Vaccine use: Col. 1 Number of Doses Recd. Col. 2 Number of Doses in Inventory Col. 3 Number of Doses Used (Col.1-Col.2) Col. 4 Number of Vacc. performed Reasons for Difference between Col.3 and Col.4

Smallpox vaccine

Year	Col. 1	Col. 2	Col. 3	Col. 4	Reasons for Difference between Col.3 and Col.4
1967	415 000	15 000	400 000	380 000	
1968	490 000	55 000	435 000	415 000	Normal Loss
1969*	100 000	Unknown	Unknown	134 000	

Measles vaccine

1967	130 000	30 000	100 000	95 000	
1968	120 000	25 000	95 000	84 000	Normal Loss
1969*	80 000	Unknown	Unknown	47 000	

* January and February only

6.2 Equipment:

<u>Item</u>	<u>Number Supplied</u> *	<u>Number in Operation</u>	<u>Comment</u>
Trucks	7	7	
Ped-o-Jets	30	30	
Refrigerators	8	8	
Motorbikes	0	0	

* Since inception of the programme.

Has a warehouse with rotating inventory system for spare parts been established? Yes No

PAYS REPUBLIQUE CENTRAFRICAINE
COUNTRY

TABLEAU 1. DONNEES DEMOGRAPHIQUES PAR DIVISION GEOGRAPHIQUE
(Utiliser les divisions indiquées par les cartes)

TABLE 1. DEMOGRAPHIC DATA BY GEOGRAPHIC SUBDIVISION
(Use Subdivisions as shown on Country Maps)

Division géographique	Population approximative en 1969	Superficie (en km ²)	Densité de population au km ²
Geographic Subdivisions	Est. 1969 Population	Area (Square kms)	Population density per square km
Ombella-M'Poko	62 471	32 000	2,0
Lobaye	99 084	24 800	4,0
Haute-Sangha	131 346	43 800	3,0
Nana-Mambéré	111 504	26 550	4,2
Ouham-Péndé	166 535	32 000	5,2
Ouham	195 355	50 100	3,9
Ouaka	142 257	49 000	2,9
Kémo-Gribingui	96 974	37 300	2,6
Bamingui-Bangoran	18 743	62 500	0,3
Vakaga	11 615	38 720	0,3
Haute -Kotto	33 553		
M'Bomou	88 004	62 860	1,4
Basse-Kotto	117 137	17 500	6,7
Haut-M'Bomou	32 692	54 500	0,6
Bangui-Ville	237 971		
Total	1 545 241		

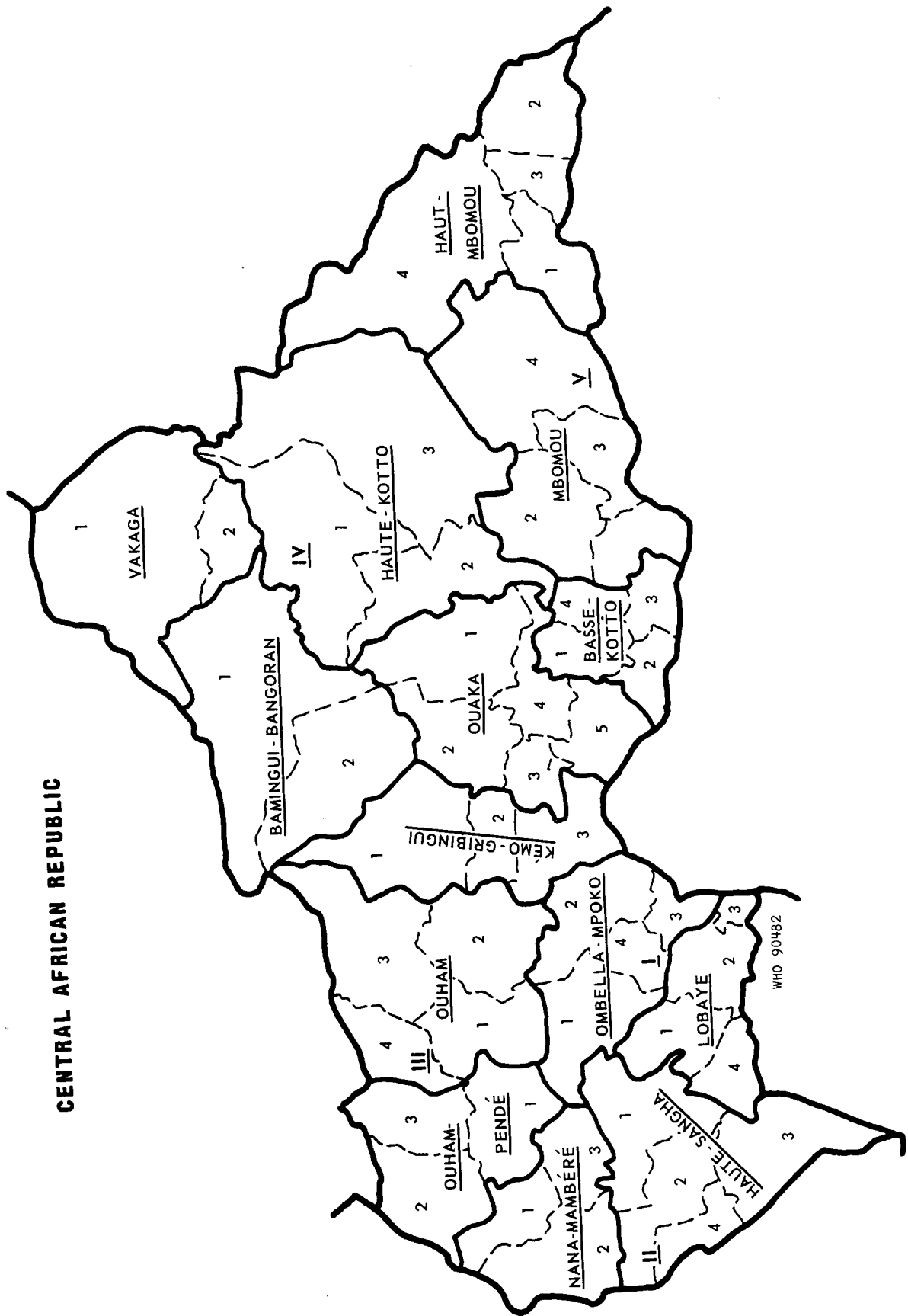
PAYS REPUBLIQUE CENTRAFRICAINE

COUNTRY

TABEAU 6. CAS DE ROUGEOLE DECLARES DE JANVIER 1968 JUSQU'A FEVRIER 1969 COMPRIS
TABLE 6. REPORTED MEASLES CASES JANUARY 1968 (THROUGH FEBRUARY 1969)

Division géographique	Nombre de cas par mois/Number of cases by month														
	1968													1969	
	J	F	M	A	M	J	J	A	S	O	N	D	Total	J	F
Semaines/Weeks	1-5	6-9	10-13	14-17	18-22	23-26	27-31	32-35	36-39	40-44	45-48	49-52		1-5	6-9
Ombella-M'Poko	123	178	128	299	92	64	82	42	68	17	12	13	1 136		
Lobaye	53	74	63	77	2	36	11	-	-	15	13	32	376		
Haute-Sangha	1	14	7	2	-	1	-	-	-	-	-	2	22		
Nana-Mambéré	2	9	3	3	12	4	2	1	3	48	399	364	841		
Ouham-Péndé	19	4	9	9	-	-	-	2	-	3	2	4	52		
Ouham	22	155	74	72	43	53	59	54	-	58	190	259	1 039		
Kémo-Gribingui	66	125	113	55	42	42	5	1	3	3	13	20	488		
Ouaka	143	70	19	51	19	22	30	9	3	4	8	56	434		
Bamingui-Bangoran	37	95	53	19	30	8	2	-	-	-	-	-	244		
Haute-Kotto	109	91	-	-	-	-	-	-	-	-	-	-	200		
Basse-Kotto	9	19	-	24	44	17	7	-	2	6	-	3	131		
M'Bomou	-	-	68	43	385	242	182	-	3	-	-	2	935		
Haut-M'Bomou	6	4	12	36	20	15	4	4	1	-	-	4	106		
Vakaga	201	131	8	89	98	93	11	-	-	-	-	-	631		
	/	/		/									/		
Total	731	913	557	789	787	597	395	113	83	154	637	759	6 625		

CENTRAL AFRICAN REPUBLIC



CENTRAL AFRICAN REPUBLIC

LEGEND

A. MEDICAL SECTORS

I
II
III
IV
V

POPULATION

289,390
242,920
361,640
291,140
226,600

B. PRÉFECTURE AND SOUS-PRÉFECTURE

OUHAM-PENDE

1. Bozoum
2. Bocaranga
3. Paoua

BOUAR-BABOUA

1. Bouar
2. Baboua

HAUTE SANGHA

1. Carnot
2. Berberati
3. Nola

LOBAYE

1. Boda
2. Mbaïki
3. Mongoumba

OMBELLA-MPOKO

1. Bossembélé
2. Damara
3. Bangui

OUHAM

1. Bossangoa
2. Bouca
3. Balangafo

KÉMO-GRIBINGUI

1. Crampel
2. Dékoa
3. Sibut

SOUS-PRÉFECTURE AUTONOME DE NDÉLÉ

SOUS-PRÉFECTURE AUTONOME DE BIRAO

HAUTE KOTTO

1. Ouadda
2. Bria
3. Yalinga

OUAKA

1. Ippy
2. Bakala
3. Grimari
4. Bambari
5. Kouango

BASSE KOTTO

1. Alindao
2. Mobaye
3. Kembé

MBOMOU

1. Ouango
2. Bakouma
3. Bangassou
4. Rafai

OBO-ZÉMIO

1. Zémio
2. Obo

