



WORLD HEALTH ORGANIZATION
ORGANISATION MONDIALE DE LA SANTÉ

INDEXED

Country GAMBIA

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	53 846	14.1
5-14	89 362	23.5
15-44	188 272	49.4
45+	49 646	13.0
TOTAL	381 126	100.0

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) _____

2.9 Youngest age for beginning smallpox vaccination:

Birth 6 months Other 3 months

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	}	<u>4 - 6</u>
	Maintenance teams		_____
	Other (Specify)		_____
	TOTAL		<u>4 - 6</u>

Other field staff, including recorders, drivers, etc. 6

Supervisory personnel (paramedical) 1

4.2 Number of vaccinators directly supervised by one supervisor 4-6

4.3 Average number of vaccinations performed daily by each team:

Regular teams 750

Maintenance teams 125

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: 0 days per mo.

Other levels: 3 days per mo.

By advisory staff reviewing work of -

Vaccination team: 3 days per mo.

Other levels: 2 days per mo.

5.1.2 Measures taken when vaccinator or assessor performance is unsatisfactory

Retraining

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 < 1%

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 90%

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

0 %

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

Changes which have been made in the programme as a direct result of assessment None

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) 32

Frequency of reporting:

Immediate Weekly Other _____

Number of reports: Expected in 1968 1 664

Received in 1968 1 165

% received 70

Negative reporting is generally practised: Yes No

Other specialized programmes which report cases

Other persons or groups who have been requested to notify cases

None

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

No cases %

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 None - Routine teams would be used

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
Year					
1967					
<u>Smallpox vaccine</u> 1968					
1969 *					
1967					
<u>Measles vaccine</u> 1968					
1969 *					

* January and February only

6.2 Equipment:

<u>Item</u>	<u>Number Supplied</u> *	<u>Number in Operation</u>	<u>Comment</u>
Trucks	2	2	
Ped-o-Jets	8	8	
Refrigerators	4	4	
Motorbikes	0	0	

* Since inception of the programme.

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

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
Western Division	81 495	1949.67	41.8
Lower River Division	76 401	1310.72	58.3
North Bank Division	41 476	2137.60	19.4
MacCarthy Island Div.	78 471	2867.20	27.4
Upper River Division	70 347	2022.40	34.8
Bathurst	33 701	1.38	24 421.0
Total			

TABLEAU 5. OBJECTIFS DE LA VACCINATION PAR DIVISION GEOGRAPHIQUE,
DE JUILLET 1969 A JUIN 1970

TABLE 5. VACCINATION TARGETS BY GEOGRAPHIC SUBDIVISIONS
JULY 1969-JUNE 1970

Division géographique	Nombre de vaccinations prévues/Number of vaccinations planned			
	1969		1970	
Geographic Subdivisions	Juillet-septembre	Octobre-décembre	Janvier-mars	Avril-juin
	July-September	October-December	January-March	April-June
Western Division	10 000			
Lower River Division		10 000		
North Bank Division		6 000		
MacCarthy Island Div.				10 000
Upper River Division			10 000	
Bathurst			2 000	
Total	10 000	16 000	12 000	10 000

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COUNTRY

1969

TABIEAU 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													1969		
	1968													Total	J	F
	J	F	M	A	M	J	J	A	S	O	N	D	Total			
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	
Western Division	2				1	4	5	3		2			17		1	
Lower River Div.									4	3			7			
North Bank Div.														1	1	
MacCarthy Is. Div.	43	56	30	14	5	1	1			7			157			
Upper River Div.	4	5											9			
Bathurst						1				1			2			
Total	49	61	30	14	6	6	6	3	4	13	0	0	192	1	2	

North Bank Division did not administratively come into existence until Jan. 1. 1969, and is what formerly was the North Bank of the Lower River Division.
La North Bank Division n'a d'existence administrative que depuis le 1er janvier 1969 et correspond à l'ancienne North Bank de la Lower River Division

TABLEAU 7. VACCINATIONS ANTIROUGEOLEUSES EFFECTUEES, PAR DIVISION GEOGRAPHIQUE
(Divisions indiquées par les cartes)

TABLE 7. MEASLES VACCINATIONS PERFORMED BY GEOGRAPHIC SUBDIVISIONS
(those shown on country maps)

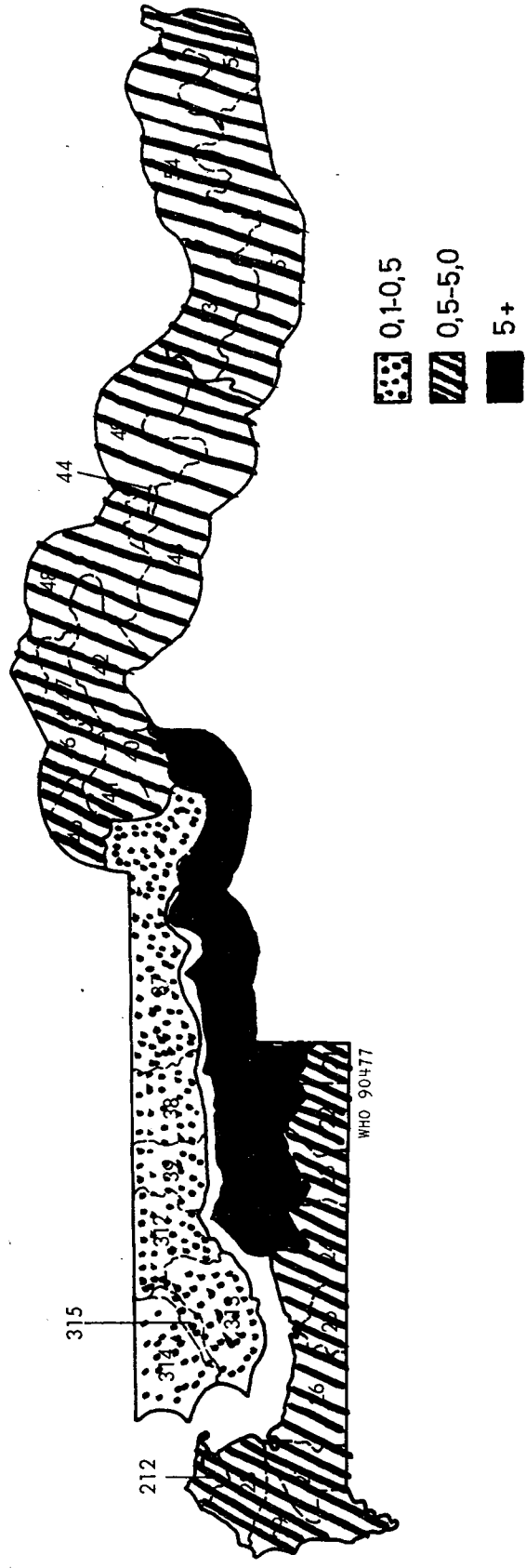
Division géographique	1er trim. 1968	2ème trim. 1968	3ème trim. 1968	4ème trim. 1968	Janvier-février 1969	Total général*
Geographic Subdivisions	First Quarter	Second Quarter	Third Quarter	Fourth Quarter		Grand total*
Western Division			2 158	2 168		22 513
Lower River Div.				1 356	2 626	12 565
North Bank Div.						18 648
MacCarthy Is. Div.	11 874	3 290				15 164
Upper River Div.	10 676					16 473
Bathurst		1 300		1 043		8 506
1967						57 378
Total	22 550	4 590	2 158	4 567	2 626	151 247

* Englobant le total depuis la mise en oeuvre du programme.

* Includes the total since the inception of the programme.

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Figure 1
(1.4)

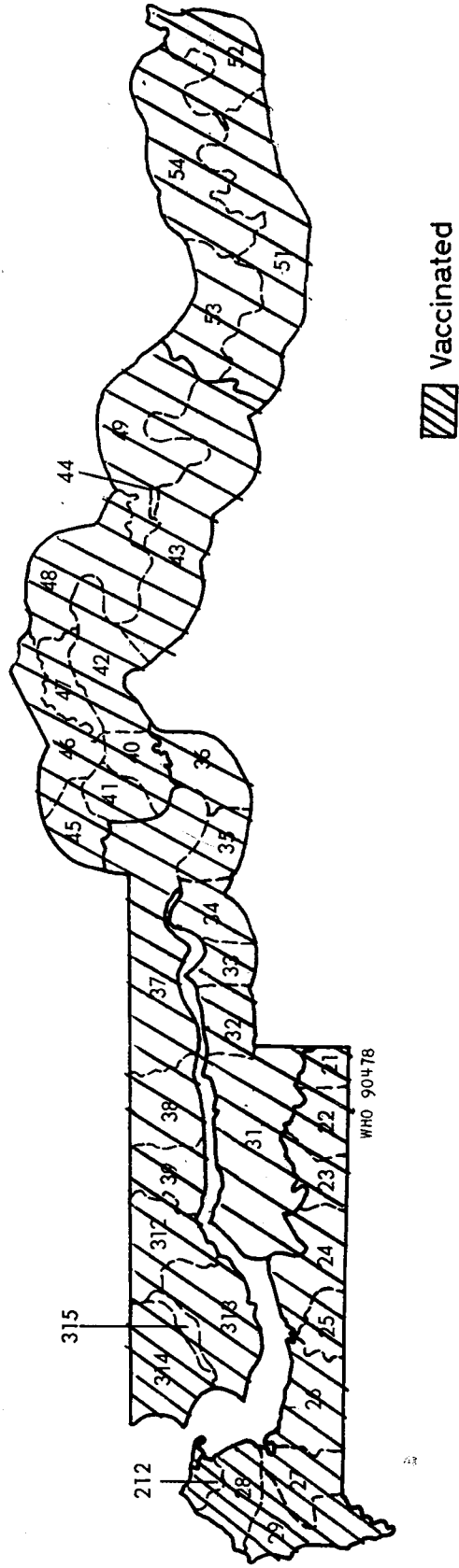


LEGEND

<u>DIVISION</u>	<u>DISTRICT</u>
BATHURST	
WESTERN	21. Foni Jarrel 22. Foni Bondali 23. Foni Kansala 24. Foni B. Karenai 25. Foni Brefet 26. Kombo East 27. Kombo Central 28. Kombo North 29. Kombo South 212. Kombo St. Mary
LOWER RIVER	31. Kiang West 32. Kiang Central 33. Kiang East 34. Jarra West 35. Jarra Central 36. Jarra East 37. Upper Baddibu 38. Central Baddibu 39. Lower Baddibu 312. Jokadu 313. Upper Niumi 314. Lower Niumi 315. Dappo
MACCARTHY ISLAND	40. Niamina West 41. Niamina Dankunku 42. Niamina East 43. Fulladu West 44. MacCarthy Island 45. Lower Saloum 46. Upper Saloum 47. Nianija 48. Niani 49. Sami
UPPER RIVER	51. Fulladu East 52. Kautera 53. Sandu 54. Wuli

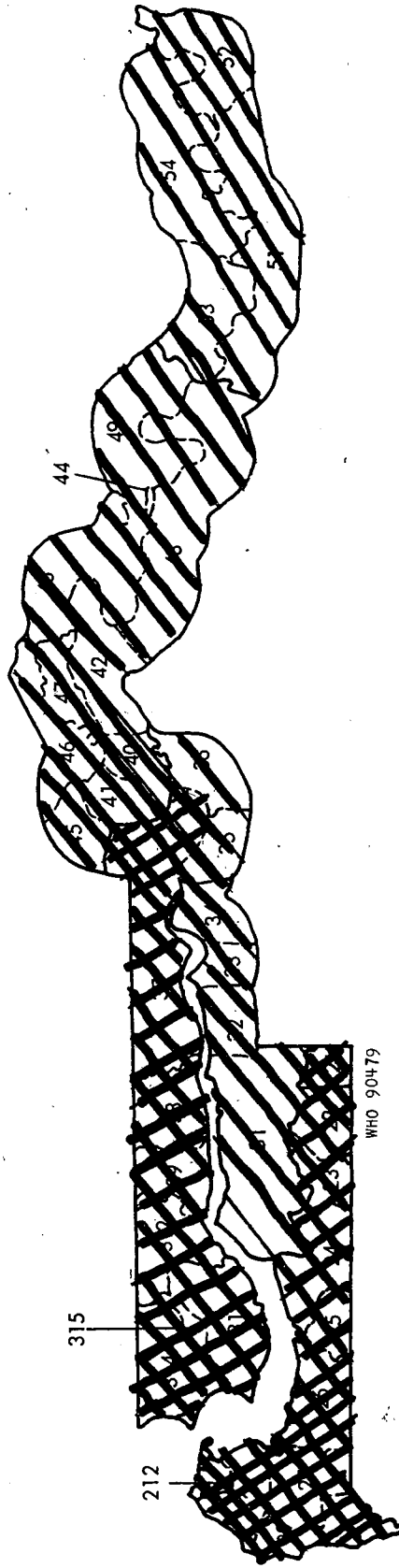
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Figure 9
(2.6)



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Figure 10
(3.3)



 Vaccinated in mass campaign
 Vaccinated in maintenance programme

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