



MAURITANIA

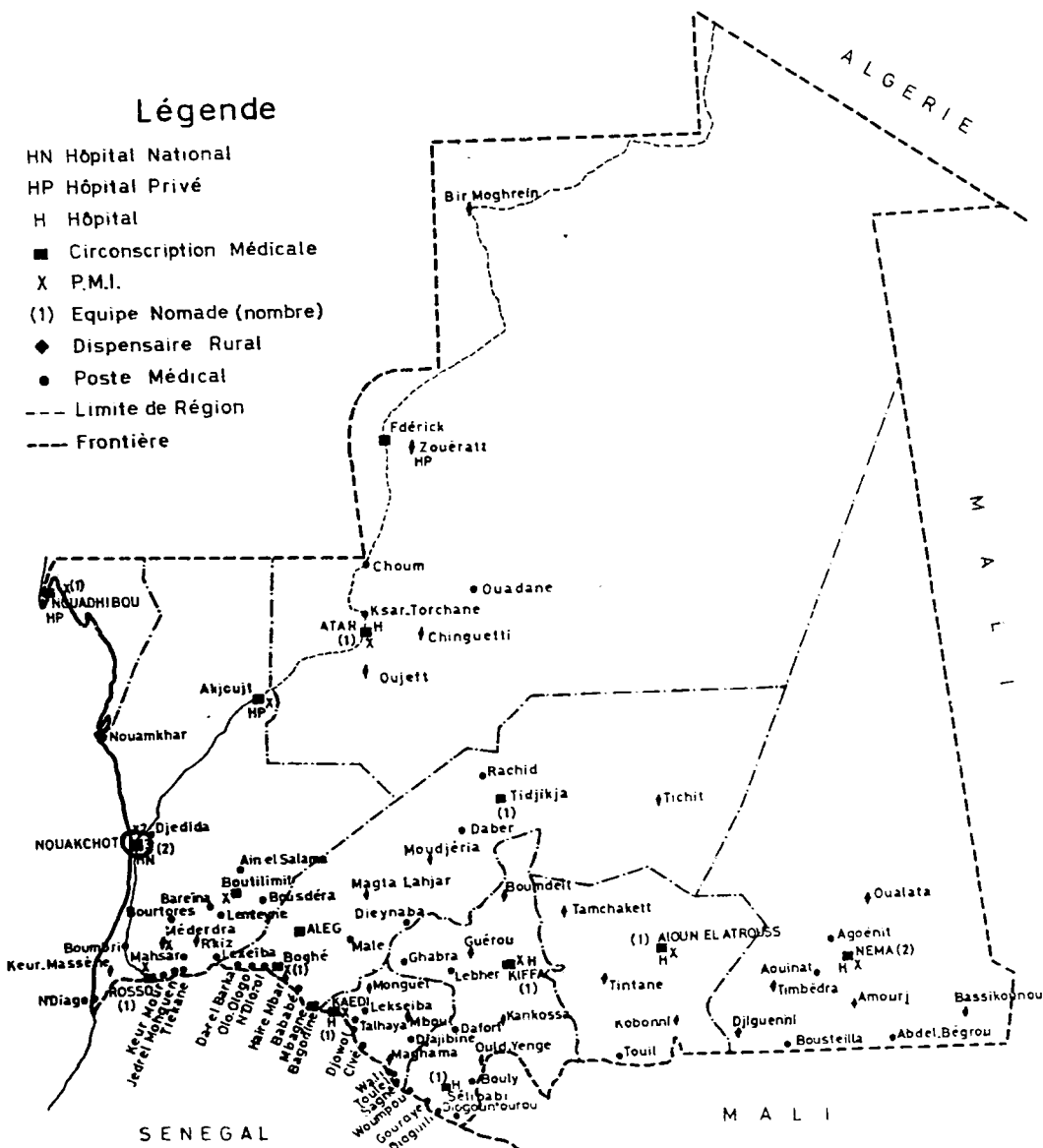
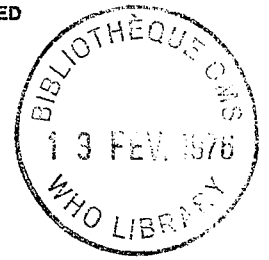
Area: 1 100 000 km²

Population: 1 150 000

Population Density: 1 per km²

Medical officer currently in charge
 of smallpox eradication: Dr P. F. Cartagena, Epidemiological Officer of Health

Mr V. Chinien, Operations Technician



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PART 1. PROGRAMME PERFORMANCE

1.1 The Smallpox Eradication Campaign in MAURITANIA began at the end of the third quarter of 1968.

Six mobile vaccination teams were established in six of the eight regions into which the country was divided (NEMA, AIOUN, KIFFA, KAEDI, BOGHE and ROSSO).

In June 1972 five additional teams were created and established at ATAR, NOUADHIBOU, SILIBABY, TIDJIKJA and NEMA.

1.2 The attack phase ended in December 1973, having covered the entire territory of Mauritania. The cumulative number of smallpox vaccinations was 1 387 332.

In 1969 an assessment team was established to evaluate the level of vaccination coverage. This was done by house-to-house visits, which revealed that less than 50% of the population had been vaccinated.

As this coverage was inadequate, it was necessary for the mobile teams to tour the entire country.

A second assessment was made in 1973-1974 using the same system, and this time the figures were satisfactory, 85% of the entire population having been vaccinated.

SMALLPOX VACCINATION COVERAGE
ASSESSMENTS CARRIED OUT IN 1973

Region	No. of villages and camps	No. of persons examined	No. of persons vaccinated	%	6 months - 4 years			5 years - 14 years			15 years +		
					Exam.	Vacc.	%	Exam.	Vacc.	%	Exam.	Vacc.	%
Eastern Hodh 1st region	29	3347	2719	81.2	736	542	73.6	1037	876	84.4	1585	1306	82.4
Western Hodh 2nd region	19	1857	1677	90	425	348	81.8	615	591	96	852	769	90.2
Assaba-Guidimaka 3rd region	27	2516	1979	78.6	572	361	63.1	926	799	86.3	1015	819	80.7
Gorgol-Brakna 4th region	19	1984	1533	76.7	387	185	47.9	731	654	89.4	825	698	84.6
Brakna-Tagant 5th region	25	2585	2095	81	525	427	79.	902	775	85.9	1158	883	76.2
Trarza-Inchiri 6th region	28	3090	2509	81.2	639	470	73.5	1213	1041	85.8	1252	999	79.7
Adrar-Tiris Zem. 7th region	17	2465	1417	57.4	406	177	42.5	778	607	76.7	1241	666	53.6
Nouakchott Capital	District 6	3165	1803	56.9	728	427	58.6	944	666	70.5	1493	710	47.5

1.3 Surveillance - containment programme

1.3.1 The static health units send a monthly report to the Medical District, which draws up a consolidated report that is sent to the Ministry of Health in the capital by post. The mobile teams send their reports direct to smallpox eradication headquarters and a copy to the Ministry of Health.

Means of communication (both nil and suspect case reports):

- from reporting unit to district
- from district to state/province
- from state/province to national level

In the first case the reports are handed in personally by the services concerned. In the second and third cases the reports are sent by post.

Should a suspect or confirmed case be found, the report would be made by telephone or telegraph if available.

There are no nil reports.

1.3.2 No case of smallpox has been reported in the Islamic Republic of Mauritania since 1964.

1.3.3 There is no epidemiological information on an outbreak of smallpox since 1964.

PART 2. SURVEILLANCE AND VACCINATION PROGRAMME (1973-1975)

2.1 Surveillance programme

2.1.1 Number and category of reporting units:

- 1 National Hospital (Nouakchott)
- 12 Medical Districts (Regional Hospital)
- 16 MCH Centres
- 6 Health Centres
- 72 Dispensaries
- 16 mobile teams are located as follows:

Nema	3 teams
Aioun	2 teams
Kiffa	2 teams
Selibaby	1 team
Kaedi	1 team
Boghe	1 team
Tidjikja	1 team
Rosso	1 team
Nouakchott	1 team
Akjoujt	1 team
Atar	1 team
Nouadhibou	1 team

2.1.2 Reports normally take a month or so to arrive.

There are no nil reports. (See annex)

2.1.3 Only one suspect case has been reported in the city of Nouakchott. The case was investigated by the Epidemiological Officer of Health and diagnosed as chickenpox; notwithstanding the clinical diagnosis specimens were sent to headquarters.

PERSONAL DATA	COUNTRY: ISLAMIC REPUBLIC OF MAURITANIA NAME: SULKE MINT KHALIL FULL ADDRESS: 5ème arrondissement, barraque Nouakchott	PATIENT No. 1 AGE: 35 years SEX: female
PRESENT ILLNESS	Date of onset of fever: 12.08.75 Date of onset of rash: 13.08.75 Status of patient Recovering: Uncertain: yes Dead:	Hospitalized: yes HÔPITAL DE LA CAPITALE Nouakchott
HISTORY	Year of earliest vaccination: ? Date of most recent vaccination: ? Has patient ever had: SMALLPOX: NO CHICKENPOX: NO	Vaccination scar NO
CONTACT HISTORY	Was patient exposed to: A case of smallpox: NO A case of chickenpox: YES seven days age	
TYPE OF SPECIMEN	Smear of maculo-papular lesion NO Vesicular fluid or pus YES	Other (specify) scraps of skin (vesicular) YES
Date of specimen taken: 16.08.75	Date of expedition: 18.08.75	
Testing results to be notified to: Dr CARTAGENA B.P. 248		Telegraphic address: UNISANTE NOUAKCHOTT
NOUAKCHOTT. ISLAMIC REPUBLIC OF MAURITANIA		

2.1.4 Number of deaths due to chickenpox.

Nil

2.2 Vaccination programme

2.2.1 Since 1973, the maintenance and epidemiological surveillance phase has been the responsibility of the mobile teams, of which there were twelve until March 1975, when their number was increased to sixteen. These teams are based on the regional capital, from which they make regular monthly tours to vaccinate young children.

A monthly report is regularly sent to WHO headquarters and a copy to the Ministry of Health at Nouakchott.

The static health units outside the capital are not at present able to assume responsibility for the maintenance phase of the smallpox eradication campaign since they do not possess the necessary means of conserving the vaccine.

The mobile (nomadic) teams are at present located as follows:

Nema	3 mobile teams
Aioun	2 mobile teams
Kiffa	2 mobile teams
Selibaby	1 mobile team
Kaedi	1 mobile team
Boghe	1 mobile team
Tidjikja	1 mobile team
Rosso	1 mobile team
Atar	1 mobile team
Akjoujt	1 mobile team
Nouadhibou	1 mobile team
Nouakchott	1 mobile team

The vaccines used for the maintenance phase are the same as for the attack phase: lyophilized DRYVAX.

VACCINATIONS PERFORMED FROM THE BEGINNING
OF THE CAMPAIGN UP TO THE FIRST QUARTER OF 1975

<u>Year</u>	<u>Number of vaccinations</u>
1969	425 522
1970	201 716
1971	192 734
1972	297 430
1973	269 930
1974	124 670
1975 (first 3 months)	38 083

QUARTERLY REPORTS 1975

Medical district by region	First quarter	Second quarter	Third quarter	Fourth quarter
1st region		X		
2nd region				
3rd region				
10th region	X			
4th region	X			
5th region	X	X		
9th region	X			
6th region	X	X		
12th region	X	X		
7th region	X	X		
11th region	X	X		
8th region	X			
District of NOUAKCHOTT Dispensaries:				
KSAR				
CAPITAL				
MEDINA III	X	X		
JEDIDA	X			
5th District	X	X		