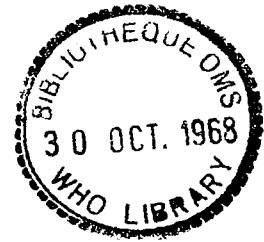




WORLD HEALTH ORGANIZATION
ORGANISATION MONDIALE DE LA SANTÉ

INDEXED



SMALLPOX ERADICATION SEMINAR

Kinshasa, 19-26 November 1968

STATUS OF SMALLPOX ERADICATION ACTIVITIES

COUNTRY UGANDA

1. Demographic data

1.1 Estimated population (1967)

<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
0-4	_____	_____	_____
5-14	_____	_____	_____
15 and over	_____	_____	_____
TOTAL	=====	=====	<u>7 934 000</u>

1.2 Proportion of population which is nomadic Indeterminable

2. Smallpox incidence and vaccination data 365 cases, 24 deaths

2.1 Annual smallpox incidence by Province/Region (1958-1967) - (Table 1)

2.2 Monthly smallpox incidence (1964-1968) - (Table 2)

2.3

2.4 Vaccinations performed by Province/Region (1966-1968) - Table 4)

3. Vaccine

3.1 Liquid vaccine

Amount of liquid vaccine still being used (% of total) - 1967 _____
1968 _____

3.2 Freeze-dried vaccine

<u>Sources (producers) - 1968</u>	<u>Amount</u>
<u>The Lister Institute of Preventive Medicine, U.K.</u>	Liquid (<u>1 200 000 doses in 1967</u> (<u>1 300 000 doses in 1968</u>
	Freeze-dried (<u>110 000 ampoules - February 1968</u> (<u>10 000 ampoules - July 1968</u>

3.3 Vaccine storage

3.3.1 All vaccine at the central depot continuously stored at less than 10°C
Yes No

3.3.2 Adequate refrigeration facilities in the interior of the country to permit storage at less than 10°C
Yes No

3.3.3 All vaccine used less than 30 days after removal from refrigerated storage
Yes No
always from refrigerator

4. Vaccination

4.1 Personnel engaged in vaccinations:

4.1.1 Vaccinators . Health Centre staff & all health staff about 650
Other field staff, including recorders, drivers, etc. . . . 38
Supervisory personnel (paramedical)
Supervisory personnel (medical officers) All M.O.H.'s. 21

4.1.2 Organization of vaccination effort

House to house: Collecting points
 Vaccinators working alone;
 Vaccinators working in teams
 Other _____

4.1.3 Number of vaccinators directly supervised by one supervisor 4

4.1.4 Average number of vaccinations performed daily by each vaccinator or team 600

4.1.5

4.2 Technique of vaccination used now:

Percentage performed by this method

4.2.1 Multipuncture (bifurcated needle) Yes
Ped-O-Jet No
Other (specify) _____ No

4.2.2 Usual preparation of skin before performing vaccination, (i.e. water, nothing, etc.) Soap and water

4.2.3 Method of sterilization of vaccination instrument
 Boiling Flaming None

4.3 Reconstituted vaccine used only on the day on which it is reconstituted

Yes No

4.4 Method for recording of vaccinations (please attach sample of sheets used for recording of vaccinations)

Tally sheet (vaccinees recorded only by age, sex, vaccination status)

Yes No

Other registry system (specify) _____

4.5 Youngest age for beginning vaccination

Birth _____
Three months _____
Other _____

4.6 Contra-indications to vaccination other than severe, acute illness

No Yes - specify _____

5. Programme

5.1 Supervision

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

- (a) By staff at Territory/District level _____ %
- (b) By staff at Regional/Provincial level _____ %
- (c) By staff at National level _____ %

5.1.2 Measures taken when vaccinator performance is unsatisfactory (e.g. reprimand, suspension, dismissal) Reprimand once and then dismissal.

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 None %

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

5.2.2 Vaccination coverage

5.2.2.1 Vaccinations performed in each village or area are compared with population estimated to be in area (e.g. village register, census data, other)

Yes No

5.2.2.2 Assessment of coverage regularly performed in a sample of the population

Yes

No

When coverage in the 0-4 or 5-14 year age-group is less than 85%, the following steps are taken:

5.3 Surveillance

5.3.1 Notification of smallpox cases

5.3.1.1 Notification sites

(a) Number of sites which may notify cases of smallpox (e.g. hospitals, health centres, health posts, dispensaries) . Medical Officers of Health

(b) Number which report at least every two weeks whether or not smallpox cases were observed . . . 25, report weekly

(c) Other specialized programmes which report cases (e.g. malaria, yaws, etc. - specify) Monthly returns from medical units

(d) Other persons or groups who have been requested to notify cases (e.g. teachers, village headmen, etc. - specify)

Voluntary medical units, industries, teachers

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

5.3.1.3 Best estimate of the percentage of cases which are reported

More than 90%	<u>Yes</u>
75-90%	_____
50-75%	_____
Less than 50%	_____

5.3.2 Case investigation and containment measures

Case investigation - containment teams ("fire-fighting" teams) have been established in each District.

Yes

No

Proportion of cases in which containment action (verification, vaccination, isolation, etc.) taken within 48 hours after notification _____ 100 %

Proportion of cases routinely investigated to determine the origin of infection _____ 100 %

5.4 Legislative provisions

Vaccination compulsory: Yes No

Enforcement of compulsory vaccination is carried out:

at the time of birth (if born in hospital) _____

at the time of school entry Yes

at the time of hospital admission _____

Other (specify) After three months during routine vaccination.

Isolation of cases enforced through the time when all scabs have separated

Yes No

Variolation prohibited by law

Yes No

6. Year in which the last endemic cases of smallpox are expected to occur Not known.

7. Describe briefly (two pages) the administrative organization and method of execution of the programme with organizational chart. Discuss specifically with reference to component activities in Table 6. (Attach samples of posters and pamphlets being used in programme.)

2.1 Annual Smallpox Incidence
 Incidence annuelle de la variole

TABLE 1
 (1958-1967 annual figures)

TABEAU 1
 (1958-1967 chiffres annuels)

Province (or major administrative area) Province (ou autre grande subdivision administrative)	Number of cases Nombre de cas									
	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Buganda Region Région du Bouganda			260	149	498	177	141	492	86	104
Eastern Region Région orientale			67	75	57	142	131	473	141	185
Northern Region Région septentrionale			402	115	52	83	47	381	296	73
Western Region Région occidentale			11	61	24	17	91	116	11	3
TOTAL	360	334	740	400	631	419	510	1 362	614	365

2.2

TABLE 2 - Smallpox Incidence by month or four week period
 TABLEAU 2 - Incidence de la variole par mois ou période de quatre semaines

YEAR ANNEE	Jan. Jan.	Feb. Fév.	Mar. Mars	April Avril	May Mai	June Juin	*	July Juil.	Aug. Août	Sept. Sept.	Oct. Oct.	Nov. Nov.	Dec. Déc.	Total
Weeks Semaines	1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40	41-44	45-48	49-52	
1964	46	89	38	48	68	51	38	19	25	18	32	28	21	510
1965	64	103	97	102	138	108	107	229	156	123	69	36	30	1 362
1966	102	120	73	55	52	17	25	20	29	16	48	35	22	614
1967	31	26	16	11	15	35	52	78	48	31	17	1	5	365
1968	10	4	9	3	5	3	2	2						
TOTAL	343	340	233	219	278	214	227	418	258	188	166	100	78	2 851

* Use this column only if reporting by four week periods

* N'utiliser cette colonne que si les chiffres correspondent à des périodes de quatre semaines

TABLE 3. CASES BY AGE, SEX AND VACCINATION STATUS - 1967
 TABLEAU 3. CAS DE VARIOLE PAR AGE ET SEXE, ET PAR ETAT DE VACCINATION - 1967

2.3

I. Check this box if there were no smallpox cases during 1967.
 Cocher cette case s'il n'y a pas eu de cas de variole en 1967.

II. SMALLPOX CASES BY AGE AND SEX, AND VACCINATION STATUS
 CAS DE VARIOLE PAR AGE ET SEXE, ET PAR ETAT DE VACCINATION

Age Group Groupe d'âge	Number of cases - Nombre de cas			Number vaccinated before exposure Nombre de vaccinés avant l'exposition		
	Male Sexe Masculin	Female Sexe Féminin	Unknown Sexe non précisé	Vac. Vaccinés	Not vac. Non vaccinés	Unknown Antécédents vaccinaux inconnus
< 1						
1-4						
5-14						
15+						
Unknown Age inconnu						
TOTAL						

If detailed information is not available for all cases, complete as far as possible.
 En l'absence de renseignements détaillés sur tous les cas, remplir la formule dans toute la mesure du possible.

VACCINATIONS PERFORMED⁽¹⁾ : VACCINATIONS PRATIQUÉES⁽¹⁾

Province (or major administrative area)	Population (estimate for 1966) Nombre d'habitants (chiffre estimatif pour 1966)	1966			1967			1968 ⁽²⁾		
		Primary vaccination	Revaccination	Total	Primary vaccination	Revaccination	Total	Primary vaccination	Revaccination	Total
Buganda Region				84 969			94 971			22 896
Région du Bouganda										
Eastern Region				157 416			654 491			117 514
Région orientale										
Northern Region				45 455			159 033			93 405
Région septentrionale										
Western Region				22 629			50 139			105 423
Région occidentale										
TOTAL	7 740 000			310 469			958 364			339 238

(1) If data regarding primary and revaccinations are not specifically available, please provide information as to total vaccinations performed.

Si l'on ne possède pas de renseignements précis concernant les primovaccinations et les revaccinations, indiquer le chiffre total des vaccinations pratiquées.

(2) January through June - janvier à fin juin.

