

INTER-REGIONAL CONFERENCE ON
MALARIA FOR THE EASTERN MEDITERRANEAN
AND EUROPEAN REGIONS

WHO/Mal/163.11 Corr.1 ✓
24 May 1956

ENGLISH ONLY

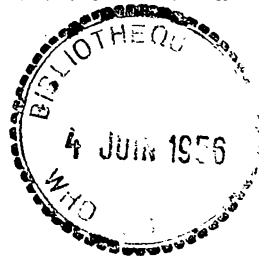
INFORMATION ON THE MALARIA CONTROL PROGRAMME IN PAKISTAN

Corrigendum

The data for year 1954 on page 11 are not from official sources and should be substituted by the following figures (pages 12 to 15) provided by the Government.

Footnote 1 on page 1 should read:

"From the report submitted by the Director-General of Health, Government of Pakistan, to WHO Regional Office for the Eastern Mediterranean, on 8 November 1955."



YEAR: 1954²

1. Area of operations (sq. miles):

West Pakistan:

Punjab	4 600
Baluchistan	6 860
Sind	32 943
N.W.F.P	not measured
	<u>44 403</u>

East Pakistan:

	4 000
<u>Total:</u>	<u>48 403</u>

2. Number of houses and all other structures sprayed:

West Pakistan:

Punjab	246 447
Baluchistan	28 305
Sind	62 557
N.W.F.P	not given
	<u>337 309</u>

East Pakistan:

	259 800
<u>Total:</u>	<u>597 109</u>

3. Population directly protected (i.e. living in sprayed structures):

West Pakistan:

Punjab	1 315 987
Baluchistan	226 448
Sind	689 493
N.W.F.P.	200 000
	<u>2 431 928</u>

East Pakistan:

	3 258 425
<u>Total:</u>	<u>5 690 353</u>

² From the report submitted by the Government of Pakistan to WHO Regional Office for the Eastern Mediterranean, on 14 January 1956.

Annex I

4. Population protected by other methods of control
(antilarval measures):

West Pakistan:

Punjab	767 350
Baluchistan	82 000
	<u>849 350</u>

<u>East Pakistan:</u>	600 000
Total:	<u>1 449 350</u>

5. Number of sprayings in the year:

West Pakistan:

Punjab	one
Baluchistan	two
Sind	two
N.W.F.P.	one

East Pakistan: one

6. Insecticides and formulations used: total annual
consumption (lbs):

DDT (50 or 75% wetttable powder):

West Pakistan:	391 524 lbs
East Pakistan:	596 612
Total:	988 136 lbs

DDT 100% 186 "

Agroicide 1 080 "

Gammexane (P.520): 8 996 lbs
(6.5% gamma isomer)

Annex I

7. ~~Average~~ Average dose of insecticide per square foot, for each spraying:

West Pakistan:

Punjab	200 mg/sq.ft.
Baluchistan	128 mg/sq.ft.
Sind	100 " "
N.W.F.P.	200 " "

East Pakistan: 150/100 " "

8. Types of sprayers used:

West Pakistan:	Punjab	- Stirrup pumps
	Baluchistan	- Hudson compression and knapsacks
	Sind	- Stirrup pumps
	N.W.F.P.	- Stirrup pumps and knapsacks

East Pakistan: - Hudson, Dobbins, Smith and Universal compression sprayers

9. Are all structures sprayed?

West Pakistan: Yes

East Pakistan: All except big warehouses

10. Average superficial area sprayed during each spraying per inhabitant directly protected: not given.

11. Cost of residual spraying operations (1954)

11.1 Total cost per year (in rupees):

West Pakistan:	Rs 1 238 833	(US\$ 260 150)
East Pakistan:	<u>1 200 000</u>	(US\$ <u>252 000</u>)
Total:	Rs 2 438 833	(US\$ 512 150)

11.2 Percentage of the total sum expended on insecticides formulations:
not given

11.3 Annual cost per capita of the population directly protected by residual spraying:

West Pakistan:	Rs 0-10-0	(US\$ 0.13)
East Pakistan:	Rs 0- 6-0	(US\$ 0.08)

12. Cost of operations by other methods of anopheles control (antilarval measures):
not given

13. Cost of control operations by drug prophylaxis, if any:

Antimalarial drugs are not used for control operations.