



Memorandum

Date April 14, 1987

From Jay S. Friedman, M.A., Public Health Analyst, Program Evaluation Branch (PEB),
Division of Reproductive Health (DRH), Center for Health Promotion and
Education (CHPE)

Subject Foreign Trip Report (AID/RSSA): Contraceptive Logistics and Procurement,
Pakistan March 2-9, 1987.

To James O. Mason, M.D., Dr.P.H.
Director, CDC
Through: Assistant Director for Science, CHPE

SUMMARY

- I. PLACES, DATES, AND PURPOSE OF TRAVEL
- II. PRINCIPAL CONTACTS
- III. FINDINGS AND RECOMMENDATIONS

I. PLACES, DATES, AND PURPOSE OF TRAVEL

Islamabad, Karachi, and Lahore Pakistan, March 2-9, 1987, at the request of USAID/Pakistan and CPSD/POP/AID/W to consult with USAID and Government of Pakistan officials on the preparation of the FY 88 contraception procurement tables.

This travel was undertaken as part of the Resource Support Services Agreement between AID/POP/W and CDC/CHPE/DRH and was in conjunction with TDY travel to Nepal. Mr. Howard Springsteen of John Snow accompanied me on this TDY.

II. PRINCIPAL CONTACTS

A. USAID/Pakistan

1. Mr. William Jansen, Population Officer
2. Mr. M.A. Wasey, Population Specialist

B. Population Welfare Division, Government of Pakistan

1. Mr. Khalil A. Siddiqui, Director General (Monitoring and Statistics)

C. Family Planning Association of Pakistan

1. Begun Surayya Jabeen, Director-General, Planning and Program Division

III. FINDINGS AND RECOMMENDATIONS

The structure of the Pakistan program is described in a previous trip report (See CDC trip report dated March 7, 1986). Contraceptive supplies arrive in Pakistan at the port of Karachi. They are stored in two central warehouses which at present are of inadequate size and condition. A new warehouse is to be built with USAID funds on land donated by the Pakistan government. However construction has not begun; originally because of problems with the architectural and engineering firms, and later because of administrative delays in USAID. We visited the site for the new building, which seemed satisfactory.

As of March 5, 1987, the central warehouses had in stock the quantities of USAID-supplied contraceptives shown in Table 1.

TABLE 1

Contraceptive Stocks, Central Warehouse by Program Karachi, Pakistan, March 5, 1987			
<u>Program</u>	<u>Quantity</u>	<u>Number of Month's Supply based on 1986 Issues</u>	<u>Number of Months Supply based on Projected 1987 Issues</u>
<u>Population Welfare Division</u>			
Pills			
(Lo-Femamol)	558,102	5.2	4.4
Condoms	93,220,224	12.8	9.3
Copper T IUD's	127,294	42.4	18.2
<u>Social Marketing</u>			
Condoms	42,444,768	-	10.2

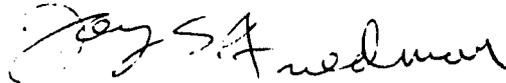
While the stock of pills may seem low, warehouse officials informed us that 3,000,000 cycles were scheduled for delivery in 1987, including 1,500,000 in March, which would bring pill stocks up to approximately 15 months supply. In general the warehouse keeps a minimum of 6 months and a maximum of 18 months supply of contraceptives on hand. The management of the warehouse is excellent and, according to officials, it is in much better condition than when seen by a CDC staff member in November 1985. (See CDC trip report of March 7, 1986.) Figure 1 presents monthly receipts, issues and stocks on hand for condoms since 1984.

Pakistan is divided into four provinces. However, at present there are no provincial level storage facilities and plans have been shelved to create these, as direct supply of lower levels is said to work well. The central warehouses in Karachi therefore directly supply 72 districts and subdistricts, who in turn supply 1200 Family Welfare Centers (FWC) and 30,000 sales agents. Requisitions are made for supplies each month, based on quantities issued and received as per supply and usage reports. Lead time for districts to receive supplies, once requisitions are mailed, range from a few days in or near Karachi to a maximum of 4 weeks in more distant areas. There have been two instances of stock-outs at the national level in recent years, however, the problem was alleviated in both instances by district to district transfers of stock.

The FWCs send their Supply and Use reports to the districts, who in turn report to the provincial level and the Federal office. These data are also received by Mr. M.A. Wasey at USAID who is able to derive data on stock on hand from the Supply and Usage Reports. Mr. Wasey monitors contraceptive data on a quarterly basis from which he forecasts future use and prepares the contraceptive procurement tables. FY 88 CPTs for the government and the social marketing program are shown in Tables 2, 3, 4, and 5. In addition, the Family Planning Association of Pakistan will obtain in 1987 small amounts of supplies from the IPPF and FPIA: 55,000 cycles of pills, 1,400,000 condoms and 35,000 IUDs.

As said by CDC consultant Anthony Hudgins in his evaluation of the Pakistan logistics system in November-December 1985, "Contraceptive commodities are sold at clinics and retail outlets, and each district is subject to a yearly audit in which offtake is reconciled with deposits of monies received for a sample of months. It is, therefore, a reasonable assumption that this coupling of contraceptive distribution with financial requirements would tend to make reporting of offtake more accurate and, therefore, a reasonable baseline for future projections." (See CDC Trip Report of March 7, 1986).

Mr. Wasey is preparing a new set of logistics forms and procedures which are to be incorporated into a family planning logistics manual. The manual is presently in draft form, but will be field-tested and put into operation later in 1987. We recommended to Mr. William Jansen the Population Officer/USAID, that once the manual and its procedures have been in operation a year or so, an outside evaluation of the system would be useful. CDC and/or JSI staff would be available for this task. Mr. Jansen agreed, in principle, and will cable us when appropriate.

A handwritten signature in cursive script, appearing to read "Jay S. Friedman".

Jay S. Friedman, M.A.

FIGURE 1

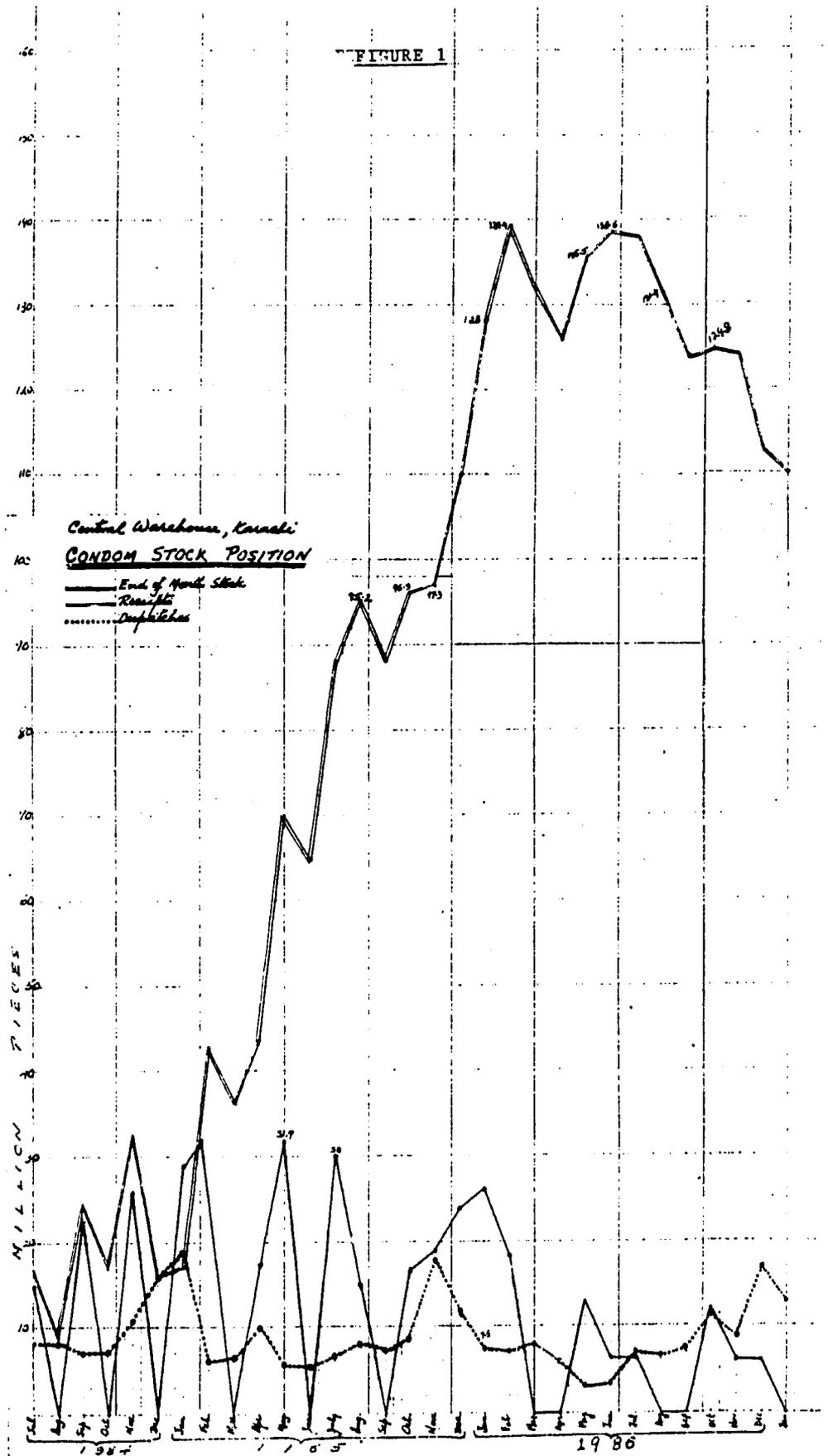


TABLE 2
CPT ANALYSIS
(IN 1000'S)

DATE 04/06/87 137

FY 1988 CPT
COUNTRY: PAKISTAN
PROGRAM: CSM
PROJECT: 391-0484
PRODUCT: 52NH - CONDOM 52MM NON-COLORED SATHI
SOURCE OF DATA FOR BEGINNING-OF-YEAR STOCK: USAID/MOH INCOUNTRY INVENTORY DATA 2/87
TABLE YEAR: 1986
START NET DEFICIT YEAR: 1987
CONTRACT SHIPPING PERIODS: (1) 06/87-06/88 (2) 07/88-06/89 (3) 07/89-06/90

	CALENDAR YEARS					
	1986	1987	1988	1989	1990	1991
1. BEGINNING-OF-YEAR STOCK (PLEASE READ INSTRUCTIONS TO FILL IN THIS LINE ITEM)	40644	57004	54000	60000	70000	
PLUS						
2. NEW SUPPLY OF SAME PRODUCT						
(A) AID SUPPLIES RECEIVED 1986 TO DATE	18360					
(B) ADDITIONAL AID QUANTITIES SCHEDULED FOR SHIPMENT BUT NOT YET RECEIVED		17700	42300			
(C) OTHER SOURCES OF SUPPLY OF SAME PRODUCT (HOST COUNTRY/OTHER DONORS)						
MINUS						
3. ESTIMATED PRODUCT USE/SALES/DISTRIBUTION	2000	50000	54000	60000	70000	77000
EQUALS						
4. END-OF-YEAR STOCK	57004	24704	42300	0	0	
MINUS						
5. DESIRED END-OF-YEAR STOCK LEVEL (EQUAL TO 100% OF ESTIMATED USE IN SUBSEQUENT YEAR)		54000	60000	70000	77000	
EQUALS						
6. NET SUPPLY SITUATION/AID REQUIREMENT (NEGATIVE NUMBER SIGNIFIES ADDITIONAL SUPPLIES REQUIRED FROM AID; POSITIVE NUMBER SIGNIFIES NO AID REQUIREMENT)		-29296	-17700	-70000	-77000	

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TABLE 3
CPT ANALYSIS
(IN 1000'S)

DATE 04/06/87 138

FY 1988 CPT
 COUNTRY: PAKISTAN
 PROGRAM: MOH
 PROJECT: 391-0484
 PRODUCT: 52NS - CONDOM 52MM NON-COLORED SULTAN
 SOURCE OF DATA FOR BEGINNING-OF-YEAR STOCK: USAID/MOH IN-COUNTRY INVENTORY DATA 2/87
 TABLE YEAR: 1986
 START NET DEFICIT YEAR: 1987
 CONTRACT SHIPPING PERIODS: (1) 01/87-06/88 (2) 07/88-05/89 (3) 07/89-06/90

	CALENDAR YEARS					
	1986	1987	1988	1989	1990	1991
1. BEGINNING-OF-YEAR STOCK (PLEASE READ INSTRUCTIONS TO FILL IN THIS LINE ITEM)	171682	178077	151925	162000	182000	
PLUS						
2. NEW SUPPLY OF SAME PRODUCT						
(A) AID SUPPLIES RECEIVED 1986 TO DATE	94002	17004				
(B) ADDITIONAL AID QUANTITIES SCHEDULED FOR SHIPMENT BUT NOT YET RECEIVED		74844	74862			
(C) OTHER SOURCES OF SUPPLY OF SAME PRODUCT (HOST COUNTRY/OTHER DONORS)						
MINUS						
3. ESTIMATED PRODUCT USE/SALES/DISTRIBUTION	87607	118000	141000	162000	182000	200000
EQUALS						
4. END-OF-YEAR STOCK	178077	151925	85787	0	0	
MINUS						
5. DESIRED END-OF-YEAR STOCK LEVEL (EQUAL TO 100% OF ESTIMATED USE IN SUBSEQUENT YEAR)		141000	162000	182000	200000	
EQUALS						
6. NET SUPPLY SITUATION/AID REQUIREMENT (NEGATIVE NUMBER SIGNIFIES ADDITIONAL SUPPLIES REQUIRED FROM AID; POSITIVE NUMBER SIGNIFIES NO AID REQUIREMENT)		10925	-76213	-182000	-200000	

TABLE 4

CPT ANALYSIS
(IN 1000'S)

DATE 04/06/87

139

FY 1988 CPT
 COUNTRY: PAKISTAN
 PROGRAM: MOH
 PROJECT: 391-0484
 PRODUCT: CT38 - COPPER T IUDS - MODEL TCU380A
 SOURCE OF DATA FOR BEGINNING-OF-YEAR STOCK: USAID/MOH INCOUNTRY INVENTORY DATA 2/87
 TABLE YEAR: 1986
 START NET DEFICIT YEAR: 1987
 CONTRACT SHIPPING PERIODS: (1) 01/87-12/88 (2) 01/89-12/89 (3) 01/90-12/90

	CALENDAR YEARS					1991
	1986	1987	1988	1989	1990	
1. BEGINNING-OF-YEAR STOCK (PLEASE READ INSTRUCTIONS TO FILL IN THIS LINE ITEM)	232	197	172	290	386	
PLUS						
2. NEW SUPPLY OF SAME PRODUCT						
(A) AID SUPPLIES RECEIVED 1986 TO DATE						
(B) ADDITIONAL AID QUANTITIES SCHEDULED FOR SHIPMENT BUT NOT YET RECEIVED						
(C) OTHER SOURCES OF SUPPLY OF SAME PRODUCT (HOST COUNTRY/OTHER DONORS)						
MINUS						
3. ESTIMATED PRODUCT USE/SALES/DISTRIBUTION	35	82	172	290	386	424
EQUALS						
4. END-OF-YEAR STOCK	197	115	0	0	0	
MINUS						
5. DESIRED END-OF-YEAR STOCK LEVEL (EQUAL TO 100% OF ESTIMATED USE IN SUBSEQUENT YEAR)		172	290	386	424	
EQUALS						
6. NET SUPPLY SITUATION/AID REQUIREMENT (NEGATIVE NUMBER SIGNIFIES ADDITIONAL SUPPLIES REQUIRED FROM AID; POSITIVE NUMBER SIGNIFIES NO AID REQUIREMENT)		-57	-290	-386	-424	

TABLE 5

CPT ANALYSIS
(IN 1000'S)

DATE 04/06/87 140

FY 1988 CPT
 COUNTRY: PAKISTAN
 PROGRAM: MOH
 PROJECT: 391-0484
 PRODUCT: LFMP - OC LO-FEMENAL BLUE LADY PKG.
 SOURCE OF DATA FOR BEGINNING-OF-YEAR STOCK: USAID/MOH IN-COUNTRY INVENTORY DATA 2/87
 TABLE YEAR: 1986
 START NET DEFICIT YEAR: 1987
 CONTRACT SHIPPING PERIODS: (1) 01/87-06/89 (2) 07/89-06/90 (3) 07/90-06/91

	CALENDAR YEARS					
	1986	1987	1988	1989	1990	1991
1. BEGINNING-OF-YEAR STOCK (PLEASE READ INSTRUCTIONS TO FILL IN THIS LINE ITEM)	1490	1716	3169	2151	2000	
PLUS						
2. NEW SUPPLY OF SAME PRODUCT						
(A) AID SUPPLIES RECEIVED 1986 TO DATE	1500					
(B) ADDITIONAL AID QUANTITIES SCHEDULED FOR SHIPMENT BUT NOT YET RECEIVED		2978	682			
(C) OTHER SOURCES OF SUPPLY OF SAME PRODUCT (HOST COUNTRY/OTHER DONORS)						
MINUS						
3. ESTIMATED PRODUCT USE/SALES/DISTRIBUTION	1274	1525	1700	1860	2000	2200
EQUALS						
4. END-OF-YEAR STOCK	1716	3169	2151	291	0	
MINUS						
5. DESIRED END-OF-YEAR STOCK LEVEL (EQUAL TO 100% OF ESTIMATED USE IN SUBSEQUENT YEAR)		1700	1860	2000	2200	
EQUALS						
6. NET SUPPLY SITUATION/AID REQUIREMENT (NEGATIVE NUMBER SIGNIFIES ADDITIONAL SUPPLIES REQUIRED FROM AID; POSITIVE NUMBER SIGNIFIES NO AID REQUIREMENT)		1469	291	-1709	-2200	

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