

PA-ABR-180  
12/12/94

**ECUADOR:**

**Preparation of the 1994 ~~1994~~ Contraceptive Procurement Tables  
and Logistics Management Assistance**

**Foreign Trip Report**

**January 22 - February 11, 1994**

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**03/18/94**

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**U.S. PUBLIC HEALTH SERVICE  
DEPARTMENT OF HEALTH AND HUMAN SERVICES**

## TABLE OF CONTENTS

I.	SUMMARY .....	1
II.	BACKGROUND .....	2
III.	PLACES, DATES, AND PURPOSE OF TRAVEL .....	4
IV.	PRINCIPAL CONTACTS .....	4
V.	LOGISTICS MANAGEMENT AND CONTRACEPTIVE COMMODITIES .....	6
	A. Centro Médico de Orientación y Planificación Familiar .....	8
	1. Projections of estimated contraceptive needs .....	8
	2. 1994 Contraceptive Procurement Tables .....	8
	3. Logistics Management Information System .....	9
	4. Findings and Recommendations .....	10
	5. Future Activities .....	11
	B. Asociación Pro-Bienestar de la Familia Ecuatoriana .....	12
	1. Projections of estimated contraceptive needs .....	13
	2. 1994 Contraceptive Procurement Tables .....	13
	3. Logistics Management Information System .....	15
	4. Findings and Recommendations .....	16
	5. Future Activities .....	17
	C. Centro Obstétrico Familiar .....	17
	1. Projections of estimated contraceptive needs .....	18
	2. 1994 Contraceptive Procurement Tables .....	18
	3. Logistics Management Information System .....	19
	4. Findings and Recommendations .....	19
	D. Instituto Ecuatoriano de Seguridad Social .....	20
	1. Projections of estimated contraceptive needs .....	21
	2. 1994 Contraceptive Procurement Tables .....	21
	3. Logistics Management Information System .....	22
	E. Seguro Social Campecino .....	23
	1. Projections of estimated contraceptive needs .....	23
	2. 1994 Contraceptive Procurement Tables .....	23
	3. Logistics Management Information System .....	24
	4. Findings and Recommendations .....	24
	F. Fuerzas Armadas .....	25
VI.	MEETINGS WITH UNFPA, PAHO AND THE MOH .....	25
	A. United Nations Population Fund and The Pan-American Health Organization .....	26

B.	Ministry of Health . . . . .	26
1.	Future Activities . . . . .	27
ATTACHMENT A	. . . . .	28
	1994 CPTs, Commodity Financial Requirements and Proposed Shipping Schedule . . . . .	28

## ACRONYMS

APROFE	Asociación Pro-Bienestar de la Familia Ecuatoriana
CEMOPLAF	Centro Médico de Orientación y Planificación Familiar
CEPAR	Centro de Estudios de Población y Paternidad Responsable
CCMIS	Contraceptive Commodities Management Information System
COF	Centro Obstétrico Familiar
CPTs	Contraceptive Procurement Tables
CTS	Contraceptive Tracking System
DRH/CDC	Division of Reproductive Health/Centers for Disease Control and Prevention
FF.AA.	Fuerzas Armadas
IESS	instituto Ecuatoriano de Seguridad Social
IPPF/WHR	International Planned Parenthood Federation/Western Hemisphere Region
Max/Min	Maximum and Minimum
MOH	Ministry of Health
SDPs	Service Delivery Points
SSC	Seguro Social Campecino
PAHO	Pan-American Health Organization
PFA	Patient Flow Analysis
UNFPA	United Nations Population Fund
USAID	United States Agency or International Development

## I. SUMMARY

Diego E. Berrío, Public Health Advisor, travelled to Ecuador to assist the United States Agency for International Development (USAID) Mission in estimating contraceptive needs and preparing: a) the 1994 Contraceptive Procurement Tables (CPTs), b) commodity financial requirements for fiscal 1994, and c) new contraceptive shipping schedule based on 1994 CPTs (See CPTs documentation for detail, appendix A.) Logistics management assistance was also provided to assess the logistics management information system, conduct physical inventories and assess warehouse conditions among the family planning organizations in Ecuador.

Contraceptive logistics management assistance and CPTs preparation were conducted for the Centro Médico de Orientación y Planificación Familiar (CEMOPLAF), Asociación Pro-Bienestar de la Familia Ecuatoriana (APROFE), Seguro Social Campesino (SSC), Instituto Ecuatoriano de Seguridad Social (IESS), Fundación Futura, the local implementing agency for the social marketing program, the Centro Obstétrico Familiar (COF) and the Armed Forces (FF.AA.) The NewVern system version 2.1 was used to complete the CPTs preparation. Prior to my departure, I reviewed the 1994 CPTs with Mission staff and drafted a contraceptive order cable to AID/Washington, Contraceptive Program Support Division.

During the preparation of the 1994 CPTs, the 1993 CPTs were reviewed. Several miscalculations were identified in the 1993 CPTs regarding estimated consumption data. The CPTs lacked appropriate management of the NewVern data-base, inventory control of maximum and minimum (max/min) stock levels, and planning for sufficient end of year stock levels to keep on hand.

The 1993 CPTs set zero months as the desired end of year stock levels for 1993 and 1994 which affected contraceptive commodities and financial requirement estimates for new supply. For these reasons CEMOPLAF was out of condoms for about three months in 1993 and all institutions were very close to experiencing stockout conditions for some methods. To prevent stockout conditions the family planning organizations borrowed and loaned supplies among themselves.

The above situation was normalized with recent arrival of ordered shipments, and the possibility of future stockout has been eliminated with the preparation of the 1994 CPTs. Due to budget constraints the Mission requested CPTs max/min levels set to 6 and 3 months of supplies on hand and the desired end of year stock to 6 months. In the future preparation of 1995 CPTs these levels are expected to be set 12 and 6 months respectively.

In general, new supply shipments were scheduled to arrive when stock levels are down to about 3 months. Proposed shipments of all supplies for 1995, for each recipient, were planned to arrive in one shipment even though the max/min levels are shown as 6/3 in the 1994 CPTs. The one shipment per year will bring the maximum stock levels to about 15 months at that point. This way individual organizations will need to handle custom clearance only once during that year.

Further logistics management assistance especially to the public institutions would strengthen the family planning programs through improved logistics management information systems, forecasting, warehousing, distribution and policies of contraceptive supplies dispensed to users at the service delivery points (SDPs.)

Also, meetings were held with population, and maternal & child health officials from the United Nations Fund for Population Activities (UNFPA), Pan-American Health Organization (PAHO) and the Ministry of Health (MOH), Dirección de Fomento y Protección, División Materno Infantil, to discuss request for CDC's technical assistance to conduct an assessment of the contraceptive logistics management information system of the Ministry of Health.

## II. BACKGROUND

Since the late 1970's, the Division of Reproductive Health, Centers for Disease Control and Prevention (DRH/CDC) has provided technical assistance to the USAID Mission in population activities including, program evaluation and health surveys, contraceptive logistics and clinic management,

contraceptive procurement and introduction of logistics management information systems. During the past 10 years the major part of this technical assistance has been in the area of contraceptive logistics management and in assisting the Mission prepare the CPTs.

In 1986, logistics staff from APROFE, CEMOPLAF, the FF.AA., the SSC, and the IESS were introduced by DRH/CDC logistics consultants to an early version of the contraceptive commodities management information system (CCMIS). The CCMIS was never developed or implemented by any of these programs.

APROFE and CEMOPLAF are the principal private-sector providers of family planning services that receive bilateral support from the Mission. Both maintain excellent supply records and, as a result, forecasting contraceptive requirements and preparing CPTs for these organizations is a relatively complete task. The IESS and the SSC are the most laborious of the programs since they lack logistics management skills and do not have either a functioning manual or computerized system to manage and monitor the contraceptive pipeline distribution and the supply status of their clinics. The IESS situation is further exacerbated by under reporting.

After a five year interruption, the SSC family planning program was reinstated in 1989. However, implementation of the program was postponed until 1990 for of lack of supplies. APROFE and CEMOPLAF donated an initial contraceptive supply to SSC and later the Mission supported the program. At that time the SSC filled the pipeline to its maximum capacity with contraceptive supplies, eventhough medical personnel had not been trained how to dispense family planning methods. A few years later, much of the contraceptive supplies were returned to the central warehouse.

In 1988 and 1989, DRH/CDC assisted the Centro de Estudios de Población y Paternidad Responsable (CEPAR) a private-sector research/policy organization, in conducting two surveys. The 1988 survey was a Young Adult Reproductive Health Survey, which was conducted in Quito and Guayaquil. The 1989 survey was a national Family Planning-Child Survival survey. Currently DRH/CDC is working with CEPAR for the preparation and

implementation of the 1994 national health survey.

Clinic management training was carried out in 1989 in collaboration with the International Planned Parenthood Federation/Western Hemisphere Region (IPPF/WHR). Evaluators from APROFE, CEMOPLAF, and IPPF/WHR were trained by CDC's Clinic Management Unit on patient flow analysis (PFA). Each APROFE and CEMOPLAF have carried out over 40 PFAs studies. These organizations institutionalized PFA as a part of their clinic management evaluation activities.

### III. PLACES, DATES, AND PURPOSE OF TRAVEL

Quito and Guayaquil, Ecuador, January 22 - February 11, 1994, to assist USAID/Ecuador prepare: a) the 1994 Contraceptive Procurement Tables, b) commodity financial requirements for 1994, 1995 and 1996 and c) new contraceptives shipping schedule based on 1994 CPTs. Logistics management assistance was also provided to briefly assess the logistics management information system, conduct physical inventories and assess warehouse conditions among the family planning organizations in Ecuador.

### IV. PRINCIPAL CONTACTS

#### A. USAID/Ecuador

Ken Yamashita, Health, Population, and Nutrition Division (HPN)  
Margarita Quevedo, Assistant Population Officer, HPN

#### B. CEMOPLAF

Teresa de Vargas, Administrative Director  
Aida Haro Chaves, President  
Ernesto Granda, Chief of Information Systems  
Martha Sanchez de Roman, Chief of Commodities

C. APROFE

Pablo Marangoni, Executive Director  
Jenny Duarte, Financial Director  
Agustin Cuesta, Director of Evaluation  
Eduardo Landivar, Administrator

D. SSC

Pedro Barreiro, Chief, Health Services  
Cesar Izquierdo, Family Planning Program Coordinator

E. IESS

Victor Hugo Rodríguez, Dirección Nacional Medico-Social  
Piedad de Piñeiros, Maternal and Child Health/Family Planning

F. Fundación Futura

Antonio Baraona, Executive Manager

G. COF

Orlando Batallas, Executive Director  
Liliana Vasconez, Accountant

H. UNFPA

Mario Vergara, Population Officer/Ecuador  
Ruth Andrade, UNFPA Consultant/Ecuador

I. PAHQ

Gloria Briceño, Advisor for Ecuador  
Horacio Figueroa, Contractor

J. MOH

Hernan Moscoso, Director, Protección and Development  
Angel Racinas, Director, Division of MCH/FP

K. ARMED FORCES

Raul Pabón, Director General of Health  
Jaime Benites, Deputy General of Health  
Antonio Dominguez, Family Planning Coordinator  
Hugo Almeida, Chief, Preventive Medicine

V. LOGISTICS MANAGEMENT AND CONTRACEPTIVE COMMODITIES

Contraceptive logistics management assistance was provided to all USAID's family planning recipients in Ecuador including: CEMOPLAF, APROFE, COF, SSC, IESS, and FF.AA.

Logistics activities among the family planning programs included:

- (1) the review of the 1993 CPTs and the preparation of the 1994 CPTs,
- (2) a rapid assessment of the logistics management information system (LMIS),
- (3) site check of warehouse conditions,
- (4) review of inventory management and stock control systems, and
- (5) a physical inventory of contraceptive supplies on hand and expiry dates was conducted at the central warehouse of each of the programs, excluding IESS and FF.AA.

The following table is a summary of the 1994 CPTs historical and projected consumption.

**Ecuador**  
**Historical and projected consumption**  
**All numbers in 1,000's**

METHOD	AGENCY	1992	1993	1994	1995	1996
Condoms						
	CEMOPLAF✓	2,127	1,066	1,135.5	1,545.7	1,923
	APROFE	346.0	316.0	322.0	322.0	322.0
	COF	469.2	616.0	739.2	887.0	1,064.5
	IESS*	813.2	137.8	424.6	467.0	513.6
	SSC*	0	0	150.0	150.0	150.0
Lo-Femenal						
	CEMOPLAF✓	134.0	118.1	129.8	159.8	193.7
	APROFE	224.1	217.0	217.0	217.0	217.0
	COF	65.2	44.2	61.9	71.2	81.9
	IESS*	123.6	0	185.4	203.9	224.4
	SSC*	25.0	50.0	65.0	71.5	78.7
IUDs						
	CEMOPLAF✓	22.4	41.0	43.3	55.5	69.0
	APROFE	26.5	25.0	26.0	28.0	30.0
	COF	4.5	7.1	7.2	8.3	9.5
	IESS*	9.5	3.0	7.3	8.0	8.8
	SSC*	0.5	0	7.0	8.0	9.0
VFTS						
	CEMOPLAF✓	259.4	189.0	154.0	184.0	214.8
	APROFE	64.9	51.0	51.0	53.0	58.0
	COF	32.5	76.5	80.0	80.0	80.0
	SSC*	9.0	44.0	50.0	60.0	60.0

\* 1992 & 1993 amounts are based on issues data from central warehouses to outlets  
✓ CEMOPLAF's estimated consumption differs from the amounts in the CPTs. The difference are amounts to be transfer to Quito County and FF.AA. (See CPTs for detail information on projected needs)

Diego E. Berrio  
Ecuador, Foreign Trip Report  
January 22 - February 11, 1994  
1994 CPTs

## A. Centro Médico de Orientación y Planificación Familiar

CEMOPLAF is a non-profit private family planning organization. Its network of 20 family planning health centers and 250 community based distributor. (CBD), community physicians and associated doctors are located mainly in the Sierra region.

### 1. **Projections of estimated contraceptive needs**

Projections of estimated contraceptive needs were manually prepared by CEMOPLAF using total consumption aggregate reports for 1992 and 1993 and factoring a percentage increase for future years. Future estimates included planned transfers to other agencies, payment of locally borrowed supplies from other agencies, and planned expansion of new services and continuous promotion of family planning.

CEMOPLAF finds the manual system for estimating future needs time consuming, and would prefer to use a users friendly computerized system. The possibility of installing the OLDCPT system developed by CDC, and training staff how to use it as a logistics analysis table for projecting estimates of future needs was discussed with CEMOPLAF.

### 2. **1994 Contraceptive Procurement Tables**

A meeting was held with Teresa De Vargas, Administrative Director to discussed contraceptive logistics management issues, clinic management activities, and the 1994 CPTs. In collaboration with Mrs. De Vargas, CEMOPLAF's 1993 CPTs were revised and the 1994 CPTs were prepared. A physical inventory was conducted at the central warehouses located in Quito. Also, audits of warehouse inventory records were completed.

Individual CPTs were prepared for oral pills, intra-uterine devices (IUDs), vaginal foaming tables and condoms. Total amounts on hand and LMIS total program aggregate consumption data were used for the completion of the CPTs.

For the preparation of the 1994 CPTs, LMIS program aggregate reports were reviewed and updates of 1992 and 1993 contraceptive shipments and locally purchased or loaned amounts were completed. Because the 1993 CPTs miscalculated future needs, in 1993 a deficit of condoms and IUD supplies was experienced by the clinical program and a stockout of condoms by the CBD program.

**CEMOPLAF: Central Warehouse  
Physical Inventory, January 26, 1994**

PRODUCT	AMOUNT	EXPIRATION DATE
Lo-Femenal	94,100	1995
	46,000	1996
	4,872	1998
Tcu 380	3,350	Apr 1994
	1,100	Oct 1995
52NX Condoms	1,251,295	Oct 1997
VFTS	230,756	Sep 1997

### 3. Logistics Management Information System

CEMOPLAF uses a manual LMIS that collects consumption data from clinic and CBD outlets, and issues data from middle level warehouses.

Data collection forms used at clinic centers and inventory record keeping forms were reviewed. Several forms required changes in their design in order to improve logistics data reporting and to set the stage for proposed transition into a computerized contraceptive tracking system (CTS). The CTS software package is being developed by logistics specialists at DHR/CDC. The purpose of the CTS is to improve family planning logistics program management and to monitor the pipeline distribution system and inventory stock levels based on a maximum and

minimum inventory control system. CTS logistics management outputs include: individual facility reports, aggregate facility type, by level and program total inventory status reports, financial report, adjustments report, reporting status report and couple-years-protection (CYP) report.

CEMOPLAF's distribution system can be characterized as a "push" system. It is managed at the central level and based on logistics monthly reports from SDPs issues sufficient amounts to increase stock levels on hand. It also uses a requisition system to manage contraceptive distribution from the central level to mid-level warehouses that resupply the CBD program.

Field observations showed that CEMOPLAF has achieved high level of institutional development through a uniform manual LMIS, administration and quality service systems.

#### 4. Findings and Recommendations

##### Findings:

- a. The manual LMIS is well designed and it is working well. However, the daily registry form that collects essential logistics lacked clarity for improve data management.
- b. The LMIS clinic monthly report of essential logistics data lacked an adjustment column to include losses and other adjustments.
- c. The CBD monthly report form includes request for supplies, but does not include inventory status.
- d. The manual LMIS works very effectively, but it is time consuming and requires long staff/hours to process. As a result quick responses to logistics management issues are delayed and the monitoring of the distribution system is more difficult.

e. logistics staff lacks up-to-date knowledge to estimate future needs and avoid stockouts.

Recommendations:

a. The daily registry form needs to be re-designed to facilitate an efficient collection of daily essential logistics data. Review and analysis of this form were made with CEMOPLAF and actions were taken to draft a new form.

b. The clinic monthly report should include a new column to report any adjustment. Review and analysis of this form were made with CEMOPLAF and actions were taken to draft a new form.

c. The CBD monthly report form that includes request for supplies needs to be re-design to include monthly inventory status. This form was briefly discussed.

d. CEMOPLAF should consider using the computerized CTS to improve LMIS data processing and logistics management.

e. Logistics staff should received up-to-date training on how to estimate future needs and to prevent stockouts.

**5. Future Activities**

CEMOPLAF will finalize re-designed LMIS data collection forms and a pilot test will be conducted in selected outlets and warehouses. Tentative plans were made to develop the installation of the CTS. Upon CEMOPLAF request for CDC's technical assistance, in the development, installation and training of an automated CTS, and USAID/Quito Mission concurrence and request for TA the following actions will be planned:

◆ Two CEMOPLAF logistics staff will visit CDC in Atlanta to

configure the automated CTS distribution level and facility data base. CDC will provide CTS manual training including the development of CTS teaching modules for CTS workshop implementation among CEMOPLAF's logistics management staff.

- Travel and per diem will be supported by CEMOPLAF
- Time required 5 to 10 days in Atlanta

Two CDC advisors, a logistician and the CTS programmer, will visit CEMOPLAF to install and test the CTS. They will train CEMOPLAF staff on CTS data entry, output reports and analysis.

- Time required 5 to 10 days in Quito

B. Asociacion Pro-Bienestar de la Familia Ecuatoriana

APROFE the IPPF/WHR affiliate, is the oldest private family planning organization in Ecuador. APROFE provides integrated health care through 21 health centers. For more than 10 years APROFE maintained a CBD program with a network of more than 590 service delivery points. Since its inception, the CBD program was supported by The Pathfinder Fund until December of 1993 when financial support concluded.

The Pathfinder Fund project completion influenced APROFE to simply reduce the CBD program by 46% by closing about 268 SDPs and reducing the CBD staff. Attention needs to be given to this situation in order to help APROFE regain control of the CBD program and to institutionalize the capacity to have a partial or total sustainable CBD program.

## **1. Projections of estimated contraceptive needs**

Projections of estimated contraceptive needs and logistics analysis tables were prepared by APROFE using the OLDCPT program. However, the OLDCPT was not used adequately and the draft projections made for the completion of the 1994 CPTs were off by one year. In other words, APROFE's draft projections started for 1995 and excluded 1994. The 1994 estimated consumption was used as historical data. Also, two draft projections were made for each product to differentiate between clinical and CBD programs. The whole concept of projecting estimated future needs using the OLDCPT is misunderstood.

However, after briefly discussing the use of the OLDCPT, APROFE presented a new set of projections using the 1994 as the current year, but consumption amounts were low and separated for IPPF and Pathfinder projects. Also, APROFE's estimates of AID/contraceptive amounts recommended by IPPF/WHO were discussed. These amounts were disproportionately lower than the projected consumption by the 1994 CPTs.

The overall recommended procedure for a logistics analysis of future contraceptive supplies is to make a projection of the total estimated need of a particular product and not to separate the same product into two tables. This way the implementation of inventory control max/min system is more accurate, the planning of future shipments is easier and the distribution of amounts by several donors is clear.

## **2. 1994 Contraceptive Procurement Tables**

The 1994 CPTs were prepared in collaboration with Jenny Duarte. Essential logistics data is collected daily and reported monthly through a manual LMIS. Reports of annual logistics

data have been prepared separately by project, one for IPPF and other for The Pathfinder. These reports were the source of the logistics information for the preparation of the 1994 CPTs.

APROFE consumes oral contraceptive supplies donated by IPPF and AID. The consumption of Lo-Femenal donated by AID is greater than the combination of those supplied by IPPF including; neogynon, eugynon, Microgynon and ovral.

Estimated consumption of all USAID contraceptives for 1994 decreased and affected estimates for future years. The reason for estimating on the low side was the termination of 46% of the CBD project. APROFE's AID donated contraceptive consumption for 1993 and estimated consumption for 1994 was:

Historical and Estimated Consumption

APROFE	1993	1994
Condoms	316,000	237,000
Lo-Femenal	217,000	185,000
VFTP	51,000	48,000

Because the projected decrease would eventually further affect the CBD program, it was recommended not to decrease the estimated consumption, but to increase it by 2% in 1994 and to maintain the same level of projected consumption for future years (See CPTs). This way APROFE has the opportunity to increase promotion of family planning and expand services in the Coastal Region without further sacrificing the CBD outlets.

If APROFE decides to resume CBD activities within closed SDPs, the Mission should consider increasing estimated contraceptive supplies in 1995 when the 1994 CPTs are revised and the 1995 CPTs will be prepared.

**APROFE: Central Warehouse  
Physical Inventory, February 1, 1994**

PRODUCT	AMOUNT	EXPIRATION DATE
Lo-Femenal	67,160 10,800 Total 77,960	Feb 1998 Feb 1995
Tcu 380	30,305	Jan 1997
52NX Condoms	92,300 34,610 Total 126,910	Oct 1997 Mar 1996
VFTS	27,240	Apr 1996

### 3. Logistics Management Information System

It seems that there are two manual LMIS very similar to each other that collect separate data for the clinical and the CBD projects. It seems that separate systems and reports have been kept over the years to differentiate The Pathfinder and the IPPF/WHR projects. Due to time limitations I was unable to determine if in fact there are two functioning manual systems.

LMIS data collection forms used in the clinical project were reviewed. It was recommended that the daily collection form be improved.

The application of CTS as a logistics management system to monitor the distribution and inventory levels in all SDPs was discussed. APROFE has the potential to benefit from the CTS, but at the moment is busy working towards the development of a computerized warehouse inventory management system being developed locally.

#### 4. Findings and Recommendations

##### Findings:

- a. the design of the daily registry form that collects essential logistics data at the clinic level was not clearly detailed for data collection management.
- b. logistics staff lacks up-to-date knowledge to estimate future needs and avoid stockouts.
- c. APROFE closed 268 CBD service delivery<sup>3</sup> points (SDPs) (46% of the CBD program) because Pathfinder terminated project support on December 1993.
- d. Estimated consumption of AID contraceptives for 1994 and future years were less than actual consumption in 1993.

##### Recommendations:

- a. The daily registry form needs to be re-designed to facilitate an efficient collection of daily essential logistics data. The improvements in data collection design were discussed in detail. It would be useful if the entire data collections forms of essential data for both clinic and CBD projects are revised in order to consolidate, if necessary, both data collection systems and to eliminate excess forms. This would facilitate logistics data management. A quality team should be organized to review the logistics information systems.
- b. logistics staff should receive up-to-date training on how to estimate future needs and how to prevent stockouts.
- c. technical assistance and program support to APROFE should include emphasis on expansion of family planning services through a sustainable CBD. Current successful models being

utilize in Ecuador could serve as an example to help APROFE improve and maintain its CBD project.

d. it was recommended that the level of estimated consumption of AID contraceptives be the same as the consumption of 1993 plus a 2% increase in order to stimulate family planning promotion and reactivate some of the CBD/SDPs closed at the beginning of this year.

## **5. Future Activities**

The clinic manual LMIS daily collection form of essential logistics data was revised and design improvements were introduced. APROFE plans to re-design this form and introduce into the data collection system. If further interest is generated the entire LMIS could be revised and forms re-design for further development of a CTS to monitor and manage the logistics distribution system.

- ◆ Development of a training module and implementation of a training workshop, for all family planning organizations, on how to prepare CPTs, and logistics analysis for contraceptive projections of estimated needs using the manual CPT guidelines and the OLDCPT software.

- Workshop time required, 5 days in Quito.

## **C. Centro Obstétrico Familiar**

COF is a health care organization with a family planning program in six health centers in the City of Quito and a network of 715 associated obstetrics or SDPs in the Sierra Region. Three of the health centers (Chilogallo, San Bartolo and Inca) are located in urban-marginal areas south of Quito.

COF is also a health training organization considered by La Escuela de Obstetricia, Universidad Central del Ecuador, as a learning and practice

center for new graduate students. COF is also involved in working with various Schools of Obstetrics in the Sierra Region.

This situation has allowed COF to develop an extensive CBD project through associated obstetrics (see attachment A for further information on the CBD program). For this reason COF's contraceptive level consumption was found to be high.

## **1. Projections of estimated contraceptive needs**

Projections of estimated contraceptive needs and logistics analysis were based on financial trimester reports prepared for Family Planning International Assistance (FPIA.) There is a working manual LMIS that collects essential logistics data. However, these data are not aggregated at the central level and are not utilized for logistics analysis of future needs.

Contraceptive amounts of historical consumption were estimated by dividing the total cash flow earned from a single contraceptive by the unit cost to obtain the annual contraceptive consumption.

## **2. 1994 Contraceptive Procurement Tables**

The 1994 CPTs were prepared for COF. However USAID agreement with COF ended in 1994. Therefore no new shipments were proposed by the Mission.

Estimations of future needs for 1994 and future years were based on a percentage increase from 1993 annual consumption. The disadvantage of using financial data to estimate consumption is that it does not include supplies donated and sold for less than the average cost per unit charged by COF to its clientele. The financial data may also include other financial sources for other health services. To obtain a more accurate estimation of future needs the logistic analysis of issues and

dispensed to users data is highly recommended.

**COF: Central Warehouse  
Physical Inventory, January 28, 1994**

PRODUCT	AMOUNT	EXPIRATION DATE
Lo-Femenal	10,800 113,8000 124,6000 Total	Oct 1996 Feb 1997
52NX Condoms ≈	96,000 312,000 138,000 546,000 Total	May 1997 Apr 1997 Oct 1997
VFTS	230,756	Sep 1997

### 3. Logistics Management Information System

I briefly reviewed COF's manual LMIS data collection forms. Daily collection of essential logistics data is completed and a monthly report is sent by each SDP to the central level. However, essential logistics data was not aggregated by program total.

After reviewing the LMIS data collection and warehouse record forms, it was recommended that the forms be redesigned in order to improve the LMIS, logistics management and logistics data analysis at the central level.

### 4. Findings and Recommendations

#### Findings:

- a. COF manages a CBD distribution program through a network of 715 SDPs. COF has a great potential to expand family planning services and develop its institutional capacity.

b. the manual LMIS collects essential logistic data daily at the SDP level, and aggregate monthly reports are prepared for the central level. At the central level essential logistics data are not analyzed to calculate annual contraceptive consumption.

c. LMIS monthly reports are not aggregated by any period to report consumption.

d. LMIS daily and monthly reports do not include adjustments.

Recommendations:

a. the Mission should consider COF's potential for expanding family planning services through the CBD program in the Amazonian and Orient Regions.

b. At the central level essential logistics data should be processed to prepare annual contraceptive consumption reports in order to facilitate the preparation of future CPTs and improve logistics management. COF took immediate action and prepared a draft annual consumption report.

c. Monthly reports should be aggregated by period and annually. Action has been taken.

d. LMIS daily and monthly reports should include an adjustment column to keep track of losses, expired, transfers, donations, etc.

Instituto Ecuatoriano de Seguridad Social

The IESS is a parastatal health care institution. It provides family planning and health services to employed Ecuadorians and their dependents. Their reproductive health program provides services to 1) female members, 2) spouses of male members, 3) unemployed female

members and spouses of unemployed male members in cases where the pregnancy occurred prior to unemployment, and 4) spouses of deceased members. IESS operates nationwide in 9 regions or 21 provinces.

IESS, with a more expanded family planning policy, expects to increase its provision of family planning services, in particular IUDs and oral pill. However, IESS needs to improve its manual LMS in order to have more control over its family planning logistics management activities.

### **1. Projections of estimated contraceptive needs**

IESS projections of estimated contraceptive needs and logistics analysis were based on IESS affiliates estimates and demographic indicators.

These estimates of future commodity needs were used for the preparation of the 1994 CPTs. IESS lacks essential logistics data at the central level to determine distribution and dispensed to users amounts and stock on hand.

### **2. 1994 Contraceptive Procurement Tables**

The 1994 CPTs were prepared in collaboration with Piedad de Piñeiros. It was not clear if essential logistics data are collected daily at the SDPs. The IESS monthly reports from the field are under reported to the central level.

For all methods historical consumption based on logistics reports was unknown. Incomplete warehouse issues data records were used as historical consumption. Projections of future needs were based on a forecast analysis and a 10 percent increase from the previous year. The consumption of conceptrol is believed to be very low and unpopular. For these reason IESS will discontinue it distribution.

### **3. Logistics Management Information System**

Due to time limitations I was unable to reviewed the manual LMIS data collection forms. Daily collection of essential logistics data is supposed to be completed and a monthly report is supposed to be prepared and sent by each SDP to the central level. However, these reports were incomplete and the central level lacked logistics data to determine consumption and supplies on hand.

The IESS does not coordinate logistics activities with the central warehouse and lower levels of the system because logistics staff at the central level lack logistics management skills. Due to the lacked of information and logistics analysis at the central level IESS officials expressed a sense of helplessness.

### **4. Findings and Recommendations**

#### Findings:

- a. IESS lacks logistics management skills and inter-institutional coordination
- b. the manual LMIS does not work efficiently.
- c. the lack of consumption and warehouse issues data makes logistics analysis and estimation of needs very difficult.

#### Recommendations:

- a. IESS needs to develop logistics management skills through training in order to organized and institutionalized the logistics management systems.
- b. the IESS would benefit from an evaluation of the manual LMIS.

## **E. Seguro Social Campecino**

The SSC family planning program is relatively young. It provides family planning service to Andean farming communities in 8 regions through a network of 560 SDPs (dispensaries). The number of SDPs is expected to increase by 1996 to about 800 service points.

Except for condoms, IUDs, vaginal tablets and oral pills have been returned from the field to the central warehouse. There are two important reasons: a) when contraceptive supplies first filled the pipeline distribution, clinic staff had not been trained in family planning technology. Clinic staff are now gradually being trained in family planning; b) in rural areas homes lack intra-domiciliary water supply and washing after the use of vaginal methods is difficult. For this reason the SSC decided not to receive more donations of this method.

### **1. Projections of estimated contraceptive needs**

Projections of estimated contraceptive needs and logistics analysis were based on affiliates and population estimates. Logistics reports have been collected since 1992, but data management and logistics analysis has never been completed.

### **2. 1994 Contraceptive Procurement Tables**

The 1994 CPTs were prepared for SSC in collaboration with Cesar Izquierdo, Family planning Program Manager. Historical Consumption data were not available, and central warehouse distribution in 1993 did not take place.

**SSC: Central Warehouse  
Physical Inventory, February 9, 1994**

PRODUCT	AMOUNT	EXPIRATION DATE
Lo-Femenal	21,600 26,000 124,600 Total	Jan 1995 Feb 1996
Tcu 380	8,627 15,400 24,027 Total	Jul 1996 * Jan 1998 *
52NX Condoms	6,000	Sep 1996
VFTS	52,800	Aug 1995

\* Including 3 more years from the printed expiration date.

### 3. Logistics Management Information System

I briefly reviewed the manual LMIS data collection forms. Daily collection of essential logistics data is completed and a monthly report is sent by each SDP to the central level. However, no LMIS data has ever been processed at the central level resulting in a lack of information needed for logistics management.

A pile of monthly logistics reports dating back to 1992 is being process into a data base by CEPAR. The SSC does not know what type of reports should be generated from this data base. Processed essential logistics data is needed for logistics analysis and informed management decision making.

### 4. Findings and Recommendations

#### Findings:

a. IESS lacks logistics management skills and its manual LMIS is not fully operational especially at the central level.

b. SSC in 1991 put into action a distribution plan before training its clinic staff in family planning technology.

c. SSC uses a "scatter shot" distribution system to fill the pipelines leaving at the central warehouse almost no stock on hand.

Recommendation:

a. the SSC should benefit from logistics management skill training in order to improve service delivery.

b. the SSC needs to fully train its clinic staff in contraceptive technology before issuing supplies to the SDPs.

c. the distribution system should be based on an LMIS to support informed management decisions that affect supply distribution.

F. Fuerzas Armadas

A meeting took place at the FF.AA., Dirección Nacional de Salud with Antonio Domínguez, Coordinador de Planificación Familiar, and Hugo Almeida, Jefe Dpto. de Medicina Preventiva. We discussed the family planning program logistics management issues including forecasting, distribution and information system. The 1994 CPTs were not prepared because CEMOPLAF has an agreement to transfer contraceptive supplies to FF.AA. from 1994 to 1996.

The FF.AA. projections of contraceptive needs for 1994 and future years were calculated very low and did not take into consideration a safety stock by the end of the each year. The national coordination of family planning could benefit from logistics management skills to improve logistics management training in the LMIS and the pipeline distribution.

VI. MEETINGS WITH UNFPA, PAHO AND THE MOH

A. United Nations Population Fund and The Pan-American Health Organization

Several meetings were held with Mario Vergara, UNFPA Population Officer, to discuss UNFPA/Ecuador request for CDC's technical assistance to the MOH in the area of contraceptive logistics management information system. UNFPA donates contraceptive supplies to the MOH. The MOH prepares an annual request for donated UNFPA contraceptive supplies. The methodology for estimating of needs used by the MOH is based on population estimates. The MOH lacks essential logistics data to determine actual issues within the distribution system and consumption at the service delivery points.

UNFPA is concerned that the contraceptive amounts requested by the MOH are inaccurate and the MOH is at risk of stockouts at different levels. Stockouts of contraceptive supplies were experienced in 1993.

UNFPA and the MOH have requested technical assistance to thoroughly diagnose the condition of the current contraceptive LMIS in order to improve logistics analysis of estimated needs. Also the MOH needs assistance for review of the manual LMIS and training of MOH logistics staff in logistics management.

UNFPA organized a meeting with PAHO representatives. PAHO and UNFPA expressed the need for CDC to collaborate in an inter-agency effort to provide technical assistance to the MOH. Tentative plans were made by UNFPA to conduct an LMIS needs assessment in collaboration with CDC, PAHO and the MOH/Maternal and Child Health/Family Planning in April of 1994.

B. Ministry of Health

The MOH is the largest providers of health care in Ecuador. The maternal and child health/family planning services (MCH/FP) are offered throughout the country.

A meeting was held at the MCH/FP office with Hernan Moscoso, Director of Fomento y Protección, Angel Racinas, Director Division of MCH/FP, and Ruth Andrade, UNFPA National Consultant to the MOH. Mr. Racinas discussed the needs of the MCH/FP program to have an improved logistics management information system. Both UNFPA and the MOH expressed interest in CDC consultants to review the MCH/FP logistics information system.

Based on the information provided by the MOH, it seems that the contraceptive LMIS lacks accurate collection of essential logistics data. The lack of a working manual LMIS makes the knowledge of accurate distribution and consumption of contraceptives within the MOH distribution system almost impossible.

Also, the estimation of future needs of contraceptives is based on calculations of demographic indicators. It seems that the MOH, at different levels of the distribution system, periodically experiences stockouts of contraceptive supplies.

#### **1. Future Activities**

In coordination and collaboration with the MOH, UNFPA and PAHO, a CDC consultant plans to provide technical assistance to the MOH to conduct an LMIS needs assessment of the MCH/FP program. Upon UNFPA request for CDC's technical assistance, in this effort, and USAID/Quito Mission concurrence the following actions will be planned:

- ◆ CDC logistics advisor will visit Quito to coordinate and lead an LMIS and logistics management needs assessment for the MCH/FP program.

- Time required 10 to 15 days in Quito

## ATTACHMENT A

### 1994 CPTs, Commodity Financial Requirements and Proposed Shipping Schedule

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Diego E. Berrio  
Ecuador, Foreign Trip Report  
January 22 - February 11, 1994  
1994 CPTs

Ecuador

Fiscal Year 1994 Operating Year Budget Needs

Product Code	Quantity Year 1	Quantity Year 2	Cost	Freight	Total
APROFE, Asociacion Pro-Bienestar					
52NX	667,000	324,000	\$18,596	\$2,232	\$20,828
CT38	0	25,800	\$29,448	\$3,534	\$32,982
LFMP	84,000	216,000	\$55,472	\$6,657	\$62,129
VFTP	0	33,600	\$3,494	\$419	\$3,914
			\$107,011	\$12,841	\$119,853
					TOTAL
CEMOPLAF					
52NX	0	798,000	\$38,783	\$4,654	\$43,437
CT38	59,200	68,600	\$142,650	\$17,118	\$159,768
LFMP	0	145,200	\$27,210	\$3,265	\$30,476
VFTP	0	0	\$0	\$0	\$0
			\$208,644	\$25,037	\$233,681
					TOTAL
Inst. Ecuatoriano de Seguridad Social					
52NX	72,000	486,000	\$27,040	\$3,245	\$30,284
CT38	0	9,600	\$10,957	\$1,315	\$12,272
LFMP	0	138,000	\$25,861	\$3,103	\$28,965
			\$63,858	\$7,663	\$71,521
					TOTAL
Seguro Social Campesino (SSC)					
52NX	216,000	150,000	\$17,550	\$2,106	\$19,656
CT38	0	0	\$0	\$0	\$0
LFMP	0	0	\$0	\$0	\$0
			\$17,550	\$2,106	\$19,656
					TOTAL

\*\*\*\*\*  
 \*  
 \* Total Commodity Costs \$397,063 \*  
 \* Total Estimated Freight Cost ( 12%) \$47,648 \*  
 \* Total OYB Financial Requirements \$444,711 \*  
 \*  
 \*\*\*\*\*

NB For an explanation of the calculation methodology, contract periods and unit prices, please refer to the attachment listing the parameters used in the Financial Requirements Analysis.

Ecuador

Fiscal Year 1995 Congressional Presentation Projections

Product Code	Quantity	Cost	Freight	Total
APROFE, Asociación Pro-Bienestar				
52NX	324,000	\$16,524	\$1,983	\$18,507
CT38	31,000	\$37,150	\$4,458	\$41,608
LFMP	217,200	\$42,745	\$5,129	\$47,874
VFTP	62,400	\$6,739	\$809	\$7,548
		\$103,159	\$12,379	\$115,538 TOTAL
CEMOPLAF				
52NX	2,178,000	\$111,078	\$13,329	\$124,407
CT38	80,800	\$96,831	\$11,620	\$108,450
LFMP	223,200	\$43,926	\$5,271	\$49,197
VFTP	211,200	\$22,810	\$2,737	\$25,547
		\$274,644	\$32,957	\$307,601 TOTAL
Inst. Ecuatoriano de Seguridad Social				
52NX	540,000	\$27,540	\$3,305	\$30,845
CT38	9,200	\$11,025	\$1,323	\$12,348
LFMP	234,000	\$46,051	\$5,526	\$51,577
		\$84,616	\$10,154	\$94,770 TOTAL
Seguro Social Campesino (SSC)				
52NX	156,000	\$7,956	\$955	\$8,911
CT38	0	\$0	\$0	\$0
LFMP	0	\$0	\$0	\$0
		\$7,956	\$955	\$8,911 TOTAL

\*\*\*\*\*  
 \*  
 \* Total Commodity Costs : \$470,375 \*  
 \* Total Estimated Freight Cost ( 12% ) : \$56,445 \*  
 \* Total CP Financial Requirements : \$526,820 \*  
 \*  
 \*\*\*\*\*

NB For an explanation of the calculation methodology, contract periods and unit prices, please refer to the attachment listing the parameters used in the Financial Requirements Analysis.

Ecuador

Fiscal Year 1996 Annual Budget Submission Projections

Product Code	Quantity	Cost	Freight	Total
APROFE, Asociación Pro-Bienestar				
52NX	324,000	\$17,366	\$2,084	\$19,450
CT38	33,000	\$41,524	\$4,983	\$46,507
LFMP	217,200	\$44,874	\$5,385	\$50,258
VFTP	67,200	\$7,620	\$914	\$8,535
		\$111,384	\$13,366	\$124,750
CEMOPLAF				
52NX	2,532,000	\$135,715	\$16,286	\$152,001
CT38	92,400	\$116,267	\$13,952	\$130,219
LFMP	249,600	\$51,567	\$6,188	\$57,755
VFTP	288,000	\$32,659	\$3,919	\$36,578
		\$336,209	\$40,345	\$376,554
Inst. Ecuatoriano de Seguridad Social				
52NX	582,000	\$31,195	\$3,743	\$34,939
CT38	10,000	\$12,583	\$1,510	\$14,093
LFMP	254,400	\$52,559	\$6,307	\$58,866
		\$96,337	\$11,560	\$107,898
Seguro Social Campesino (SSC)				
52NX	150,000	\$8,040	\$965	\$9,005
CT38	0	\$0	\$0	\$0
LFMP	0	\$0	\$0	\$0
		\$8,040	\$965	\$9,005

\*\*\*\*\*  
 \*  
 \* Total Commodity Costs : \$551,970 \*  
 \* Total Estimated Freight Cost ( 12%) : \$66,236 \*  
 \* Total ABS Financial Requirements : \$618,207 \*  
 \*  
 \*\*\*\*\*

NB For an explanation of the calculation methodology, contract periods and unit prices, please refer to the attachment listing the parameters used in the Financial Requirements Analysis.

DRAFT DRAFT DRAFT DRAFT DRAFT DRAFT DRAFT

Parameters Used in the Financial Requirements Analysis  
 Prices are for a Single Unit of Product

Prod Code	Product	OYB Year 1 Price	OYB Year 2 Price	CP Year Price	ABS Year Price
52NX	52mm Non Colored, No Logo	0.0475	0.0486	0.0510	0.0536
CT38	Copper T, 380	1.0870	1.1414	1.1984	1.2583
LFMP	Lo-Femenal, Blue Lady	0.1785	0.1874	0.1968	0.2066
VFTP	Conceptrol Foaming Tablet	0.1010	0.1040	0.1080	0.1134

Missions pay only for what they receive. If for some reason (shipment cancellation, etc.) you should receive less than you have paid for, you will be given a credit for the following financial year.

*J*

NEWCPT V2.1  
Proposed Shipping Schedule for Ecuador  
Based on 1994 CPT's

Run Date: 03/17/94  
Run Time: 17:33:56  
Page: 1

Supplier: AID

Product	Receipt Date	Quantity
APROFE, Asociacion Pro-Bienestar		
52mm Non Colored, No Logo	09/30/94	60,000
52mm Non Colored, No Logo	03/31/95	324,000
* 52mm Non Colored, No Logo	1996	324,000
* 52mm Non Colored, No Logo	1997	324,000
Conceptrol Foaming Tablet	03/31/95	33,600
* Conceptrol Foaming Tablet	1996	62,400
* Conceptrol Foaming Tablet	1997	67,200
Copper T, 380	03/31/95	25,800
* Copper T, 380	1996	31,000
* Copper T, 380	1997	33,000
Lo-Femenal, Blue Lady	09/30/94	84,000
Lo-Femenal, Blue Lady	03/31/95	216,000
* Lo-Femenal, Blue Lady	1996	217,200
* Lo-Femenal, Blue Lady	1997	217,200
CEMOPLAF		
52mm Non Colored, No Logo	03/31/95	798,000
* 52mm Non Colored, No Logo	1996	2,178,000
* 52mm Non Colored, No Logo	1997	2,532,000
* Conceptrol Foaming Tablet	1996	211,200
* Conceptrol Foaming Tablet	1997	288,000
Copper T, 380	05/31/94	59,200
Copper T, 380	03/31/95	68,600
* Copper T, 380	1996	80,800
* Copper T, 380	1997	92,400
Lo-Femenal, Blue Lady	03/31/95	145,200
* Lo-Femenal, Blue Lady	1996	223,200
* Lo-Femenal, Blue Lady	1997	249,600
Inst. Ecuatoriano de Seguridad Social		
52mm Non Colored, No Logo	05/31/94	72,000
52mm Non Colored, No Logo	03/31/95	486,000
* 52mm Non Colored, No Logo	1996	540,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1  
Proposed Shipping Schedule for Ecuador  
Based on 1994 CPT's

Run Date: 03/17/94  
Run Time: 17:33:56  
Page: 2

Supplier: AID

Product	Receipt Date	Quantity
* 52mm Non Colored, No Logo	1997	582,000
Copper T, 380	03/31/95	9,600
* Copper T, 380	1996	9,200
* Copper T, 380	1997	10,000
Lo-Femenal, Blue Lady	03/31/95	138,000
* Lo-Femenal, Blue Lady	1996	234,000
* Lo-Femenal, Blue Lady	1997	254,400

Seguro Social Campesino (SSC)

52mm Non Colored, No Logo	05/31/94	216,000
52mm Non Colored, No Logo	03/31/95	150,000
* 52mm Non Colored, No Logo	1996	156,000
* 52mm Non Colored, No Logo	1997	150,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

34

## NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/31/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	681.7	386.8	92.7	160.4	162.4
2. Estimated Consumption					
(a) Sales/Distrib.	346.0	316.0	322.0	322.0	322.0
(b) Loss/Disposal	1.4	2.1			
(c) Transfer/Adjust.	8.9				
3. Add'l Contraceptives					
(a) Received	61.4	24.0	53.7	NA	NA
(b) Scheduled	NA		276.0		NA
4. End of Yr Stock	386.8	92.7	100.4	-161.6	NA
5. Desired EOY Stock	NA	NA	161.0	161.0	NA
6. Net Supply Situation					
(a) Surplus	NA	NA			NA
(b) Qty Needed	NA	NA	60.0	324.0	NA
7. Supply Shortfall	NA	NA			-3.4

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: 52mm Non Colored, No Logo  
Prepared by: Diego E. Berrio, CDC Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/31/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK Year: 1992

This BOY sotck amount is from inventory records. \*At end of year on the 31st of December APROFE routinely conducts a physical inventory at all levels of the distribution system. Includes warehouse, clinics and CBD SDPs.

2a. ESTIMATED USE Year: 1992

This consumption amount is from a manual LMIS. Includes clinic and CBD programs.

2a. ESTIMATED USE Year: 1993

This amount is from a manual LMIS. Includes clinical, CBD and associated community doctor programs.

2a. ESTIMATED USE Year: 1994

The consumption of condoms is expected to increase only by about 2 per cent. The CBD program is in the process of closing several CBD/SDPs. To date 46% of all CBD SDPs have been close. About a 15 year program support by Pathfinder came to an end on December 31, 1993.

2a. ESTIMATED USE Year: 1995

Same as in 1993. It is possible that the consumption for 1995 will be less than in 1994 because of the reductions of CBD SDPs. For this reason there is no expected increase

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: 52mm Non Colored, No Logo  
Prepared by: Diego E. Berrio, CDC Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/31/94  
Modified on: 03/03/94

2b. ESTIMATED LOSS Year: 1992

This amount was damaged and expired supplies.

2b. ESTIMATED LOSS Year: 1993

This amount is damaged and expired. In APROFE are called "datos de baja" and a record is kept. This data is based on a manual LMIS based on reports of returned supplies to the central warehouse.

2c. TRANSFERS Year: 1992

This amount was transferred to other agencies in the coastal region.

3a. SHIPMENTS RECEIVED Year: 1992

When cleared from customs shipments ID 4135/1 was short by 4,200 units, and ID 4777/1 was short by 400 units.

3b. SHIPMENTS SCHEDULED Year: 1994

ID 5038/1 shipment when cleared from customs was short by 300 units.

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/31/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped ~~or~~ Received from All Supplier:

Source	Quantity Received	Receipt date
CPSD	55,800	06/22/92
CPSD	5,600	11/05/92
PATH	24,000	03/11/93
CPSD	53,700	01/06/94
CPSD	276,000	05/16/94

Total shipments: 415,100

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/31/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
CPSD	60,000	09/30/94
CPSD	324,000	03/31/95
* CPSD	324,000	1996
* CPSD	324,000	1997
Total to order for 1994 and 1995:		384,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/31/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
AID	60,000.0
-----	
Total (1994):	60,000.0
Quantity Needed (1994):	60,000.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
AID	324,000.0
-----	
Total (1995):	324,000.0
Quantity Needed (1995):	324,000.0
Supply Shortfall (1995):	0.0

11

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/31/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996

Supplier Name	Quantity
AID	324,000.0
Total (1996):	324,000.0
Quantity Needed (1996):	320,600.0
Supply Shortfall (1996):	-3,400.0

1997

Supplier Name	Quantity
AID	324,000.0
Total (1997):	324,000.0
Quantity Needed (1997):	322,000.0
Supply Shortfall (1997):	-2,000.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	21.2	26.2	7.3	17.3	15.1
2. Estimated Consumption					
(a) Sales/Distrib.	26.5	25.0	26.0	28.0	30.0
(b) Loss/Disposal	0.9				
(c) Transfer/Adjust.		2.0			
3. Add'l Contraceptives					
(a) Received	32.4	8.1	36.0	NA	NA
(b) Scheduled	NA				NA
4. End of Yr Stock	26.2	7.3	17.3	-10.7	NA
5. Desired EOY Stock	NA	NA	14.0	15.0	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	3.4		NA
(b) Qty Needed	NA	NA		25.8	NA
7. Supply Shortfall	NA	NA			-0.1

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

42

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Copper T, 380  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY data from IPPF annual reports.

2a. ESTIMATED USE

Year: 1992

this consumption amount from IPPF annual reports. It includes clinical and CDB program consumption.

2a. ESTIMATED USE

Year: 1993

This amount from a manual LMIS and data from annual reports to IPPF

2a. ESTIMATED USE

Year: 1994

Estimated consumption to increase by 4 per cent from 1993 to 1994.

2a. ESTIMATED USE

Year: 1995

Espected increase of 7% in consumption from 1994 to 1995.

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Copper T, 380  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Expected increase of 7 per cent from 1995 to 1996.

2b. ESTIMATED LOSS Year: 1992

This amount was damaged or expired.

2c. TRANSFERS Year: 1993

Transferred to other costal agency.

3a. SHIPMENTS RECEIVED Year: 1992

Shipment ID 4142/1 when cleared from customs was short by 13,441 units. If shipments are not insured, Mission will be advise to insure all contraceptive shipments into Ecuador. ID 4762/1 missing 172 units. It is clear that most of all shipments are chewed away.

3b. SHIPMENTS SCHEDULED Year: 1994

Shipment ID 5039/1 when cleared from customs was short by 1,000 units.  
Where do this diference go? Who Knows!

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	19,000	06/22/92
CPSD	13,400	11/05/92
PATH	8,100	03/11/93
CPSD	36,000	01/06/94

Total shipments: 76,500

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity	Receipt Received Date
CPSD	25,800	03/31/95
* CPSD	31,000	1996
* CPSD	33,000	1997
Total to order for 1994 and 1995:	25,800	

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
-----	
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	
AID	25,800.0
-----	
Total (1995):	25,800.0
Quantity Needed (1995):	25,800.0
Supply Shortfall (1995):	0.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996	
Supplier Name	Quantity
AID	31,000.0
-----	
Total (1996):	31,000.0
Quantity Needed (1996):	30,900.0
Supply Shortfall (1996):	-100.0

1997	
Supplier Name	Quantity
AID	33,000.0
-----	
Total (1997):	33,000.0
Quantity Needed (1997):	33,000.0
Supply Shortfall (1997):	0.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
	-----	-----	-----	-----	-----
1. Beg. of Year Stock	300.1	116.5	132.8	109.0	108.0
2. Estimated Consumption					
(a) Sales/Distrib.	224.1	217.0	217.0	217.0	217.0
(b) Loss/Disposal	0.3				
(c) Transfer/Adjust.	4.8				
3. Add'l Contraceptives					
(a) Received	45.6	233.3		NA	NA
(b) Scheduled	NA		109.2		NA
4. End of Yr Stock	116.5	132.8	25.0	-108.0	NA
5. Desired EOY Stock	NA	NA	108.5	108.5	NA
6. Net Supply Situation					
(a) Surplus	NA	NA			NA
(b) Qty Needed	NA	NA	84.0	216.0	NA
7. Supply Shortfall	NA	NA			0.3

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Lo-Femenal, Blue Lady  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
- Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY stock level is from EOY physical inventory. Data is taken from annual reports to IPPF/WHR.

2a. ESTIMATED USE

Year: 1992

This consumption from clinical and CBD programs. Data from annual reports to IPPF.

2a. ESTIMATED USE

Year: 1993

This consumption from clinical and CBD programs. Data from annual reports to IPPF.

2a. ESTIMATED USE

Year: 1994

Consumption may be as in 1993. An increase of 2 per cent is projected. About 46% of SDPs of the CBD program were closed due to end of project supported by Pathfinder. However, APROFE thinks this year's consumption will be less than expected, about 185,000

2a. ESTIMATED USE

Year: 1995

Same as in 1994. For the same reasons.

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Lo-Femenal, Blue Lady  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Same as in 1994 & 1995 for the same reasons.

2b. ESTIMATED LOSS Year: 1992

This amount was damaged or expired. (Datos de Baja).

2c. TRANSFERS Year: 1992

This amount was transferred to other agencies in the coastal region.

3a. SHIPMENTS RECEIVED Year: 1993

Shipment from PATHFINDER was short by 4,214 cycles. This amount was apparently lost during custom clearance.

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	39,600	06/22/92
CPSD	6,000	11/05/92
PATH	233,300	03/09/93
CPSD	109,200	05/16/94

Total shipments: 388,100

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
CPSD	84,000	09/30/94
CPSD	216,000	03/31/95
* CPSD	217,200	1996
* CPSD	217,200	1997

Total to order for 1994 and 1995: 300,000

This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
AID	84,000.0
-----	
Total (1994):	84,000.0
Quantity Needed (1994):	84,000.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
AID	216,000.0
-----	
Total (1995):	216,000.0
Quantity Needed (1995):	216,000.0
Supply Shortfall (1995):	0.0

51

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996

Supplier Name	quantity
AID	217,200.0
Total (1996):	217,200.0
Quantity Needed (1996):	217,500.0
Supply Shortfall (1996):	300.0

1997

Supplier Name	Quantity
AID	217,200.0
Total (1997):	217,200.0
Quantity Needed (1997):	217,000.0
Supply Shortfall (1997):	-200.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Conceptrol Foaming Tablet  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
	-----	-----	-----	-----	-----
1. Beg. of Year Stock	102.0	69.4	44.7	46.5	27.1
2. Estimated Consumption					
(a) Sales/Distrib.	64.9	51.0	51.0	53.0	58.0
(b) Loss/Disposal	0.9	2.5			
(c) Transfer/Adjust.	0.4		33.6		
3. Add'l Contraceptives					
(a) Received	33.6	28.8		NA	NA
(b) Scheduled	NA		86.4		NA
4. End of Yr Stock	69.4	44.7	46.5	-6.5	NA
5. Desired EOY Stock	NA	NA	26.5	29.0	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	19.2		NA
(b) Qty Needed	NA	NA		33.6	NA
7. Supply Shortfall	NA	NA			-0.7

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Conceptrol Foaming Tablet  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This amount from physical inventory and IPPF audit report.

2a. ESTIMATED USE

Year: 1992

This consumption amount from a manual LMIS and annual reports to IPPF.

2a. ESTIMATED USE

Year: 1993

This consumption amount from LMIS and IPPF annual reports.

2a. ESTIMATED USE

Year: 1994

This estimated consumption same as in 1993. However, APROFE expects to have a lower consumption than in 1993. Of 527 CBD SDPs active for about 15 years 46% will be now closed. The CBD program was always supported by The Pathfinder Fund. Program agreement ended on 12/31/93

2a. ESTIMATED USE

Year: 1995

Consumption is expected to increase by 3 per cent from 1994 to 1995

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Conceptrol Foaming Tablet  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Consumption expected to increase 9 per cent from 1995 to 1996.

2b. ESTIMATED LOSS Year: 1992

This amount was damaged or expired.

2b. ESTIMATED LOSS Year: 1993

This amount was damaged or expired.

2c. TRANSFERS Year: 1992

This amount was tranferred to other local agency.

2c. TRANSFERS Year: 1994

This amount will be paid back to COF because it was borrowed from COF

3a. SHIPMENTS RECEIVED Year: 1992

This amount was loanned from COF and will be pay back to COF in 1994.

NEWCPT V2.1

Country: Ecuador  
Recipient: APROFE, Asociacion Pro-Bienestar  
Product: Conceptrol Foaming Tablet  
Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/01/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
LOCAL	33,600	07/27/92
PATH	28,800	03/09/93
CPSD	86,400	05/29/94

Total shipments: 148,800

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Conceptrol Foaming Tablet  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
CPSD	33,600	03/31/95
* CPSD	62,400	1996
* CPSD	67,200	1997
Total to order for 1994 and 1995:	33,600	

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Conceptrol Foaming Tablet  
 Prepared by: Diego E. Berrio, CDC & Jenny Duarte  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
-----	
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	
AID	33,600.0
-----	
Total (1995):	33,600.0
Quantity Needed (1995):	33,600.0
Supply Shortfall (1995):	0.0

Country: Ecuador  
 Recipient: APROFE, Asociacion Pro-Bienestar  
 Product: Conceptrol Foaming Tablet  
 Prepared by: Diego E. Berrío, CDC & Jenny Duarte  
 Modified by: Diego E. Berrío, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/01/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996	
Supplier Name	Quantity
-----	
AID	62,400.0
-----	
Total (1996):	62,400.0
Quantity Needed (1996):	61,700.0
Supply Shortfall (1996):	-700.0

1997	
Supplier Name	Quantity
-----	
AID	67,200.0
-----	
Total (1997):	67,200.0
Quantity Needed (1997):	63,300.0
Supply Shortfall (1997):	-3,900.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, RHIPA/CDC  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
	-----	-----	-----	-----	-----
1. Beg. of Year Stock	1,540.6	27.3	1,536.8	1,866.3	998.6
2. Estimated Consumption					
(a) Sales/Distrib.	2,127.0	1,066.0	1,292.5	1,665.7	1,998.0
(b) Loss/Disposal					
(c) Transfer/Adjust.			88.0		
3. Add'l Contraceptives					
(a) Received	613.7	2,575.5		NA	NA
(b) Scheduled	NA		1,710.0		NA
4. End of Yr Stock	27.3	1,536.8	1,866.3	200.6	NA
5. Desired EOY Stock	NA	NA	832.8	999.0	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	1,032.0		NA
(b) Qty Needed	NA	NA		798.0	NA
7. Supply Shortfall	NA	NA			-3.2

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, RHIPA/CDC  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY stock level is the amount on hand in the entire distribution system. This is the result of a working manual LMIS that collects issues and dispensed to users data.

2a. ESTIMATED USE

Year: 1992

This is the total dispensed to users amount.

2a. ESTIMATED USE

Year: 1993

This amount is from LMIS records. Consumption from 1992 to 1993 decreased due to deficit in condom supplies. Consumption in 1993 could had been higher than 1992 if supplies would have available. Outstock conditions were experienced, CBD levels up to two months.

2a. ESTIMATED USE

Year: 1994

It is expected the program will grow about 25 per cent.

2a. ESTIMATED USE

Year: 1995

Same as in 1994. Condom use is expected to grow due to planned AIDS/STD prevention campaign.

NEWCPT V2.1

Country: Ecuador  
Recipient: CEMOPLAF  
Product: 52mm Non Colored, No Logo  
Prepared by: Diego E. Berrio, RHIPA/CDC  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/25/94  
Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

A 20% growth consumption is expected.

2c. TRANSFERS Year: 1994

This amount will be transferred 40,000 to SSC and 48,000 to COF.

3a. SHIPMENTS RECEIVED Year: 1992

91,700 units were purchased from CEPAR, a local FP organization. CEPAR's CBD program ended and CEMOPLAF absorbed them. The the difference of 18,000 units from ID 3758/2 apparently were taken during customs clearance.

3a. SHIPMENTS RECEIVED Year: 1993

Record # 21602 of 40,000 units were borrowed locally from SSC (NEWVERN did not let me edit donor from CPSD to local). 30,000 units were purchased from Fundacion Futura and 23,500 units were returned from CBD/SDPs in good condition. ID 4614/2 &/3 combined as one -46000

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, RHIPA/CDC  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped ~~or~~ Received from All Suppliers

Source	Quantity Received	Receipt date
LOCAL	91,700	04/27/92
CPSD	522,000	07/09/92
LOCAL	30,000	01/15/93
CPSD	620,000	04/15/93
CPSD	40,000	06/15/93
LOCAL	23,500	11/12/93
CPSD	1,862,000	12/23/93
CPSD	1,710,000	02/28/94

Total shipments: 4,899,200

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, RHIPA/CDC  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
CPSD	798,000	03/31/95
* CPSD	2,178,000	1996
* CPSD	2,532,000	1997

Total to order for 1994 and 1995: 798,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, RHIPA/CDC  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
-----	
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	
AID	798,000.0
-----	
Total (1995):	798,000.0
Quantity Needed (1995):	798,000.0
Supply Shortfall (1995):	0.0

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, RHIPA/CDC  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996	
Supplier Name	Quantity
AID	2,178,000.0
Total (1996):	2,178,000.0
Quantity Needed (1996):	2,174,800.0
Supply Shortfall (1996):	-3,200.0

1997	
Supplier Name	Quantity
AID	2,532,000.0
Total (1997):	2,532,000.0
Quantity Needed (1997):	2,527,200.0
Supply Shortfall (1997):	-4,800.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: Copper T, 380

Date: 03/17/94

Prepared by: Diego E. Berrio, CDC & Teresa De Vargas  
 Modified by: Diego E. Berrio, CDC/FPLM

Time: 17:36  
 Prepared on: 01/25/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
	-----	-----	-----	-----	-----
1. Beg. of Year Stock	45.4	24.8	9.3	31.3	37.5
2. Estimated Consumption					
(a) Sales/Distrib.	22.4	41.0	52.0	62.4	75.0
(b) Loss/Disposal					
(c) Transfer/Adjust.					
3. Add'l Contraceptives					
(a) Received	1.8	25.5		NA	NA
(b) Scheduled	NA		14.8		NA
4. End of Yr Stock	24.8	9.3	-27.9	-31.1	NA
5. Desired EOY Stock	NA	NA	31.2	37.5	NA
6. Net Supply Situation					
(a) Surplus	NA	NA			NA
(b) Qty Needed	NA	NA	59.2	68.6	NA
7. Supply Shortfall	NA	NA			-0.1

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

Country: Ecuador  
Recipient: CEMOPLAF  
Product: Copper T, 380  
Prepared by: Diego E. Berrio, CDC & Teresa De Vargas  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/25/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK Year: 1992  
This BOY stock level from LMIS inventory records.

2a. ESTIMATED USE Year: 1992  
This amount was consumed by IUD users.

2a. ESTIMATED USE Year: 1993  
This IUD consumption increased from 1992 by 83 per cent.

2a. ESTIMATED USE Year: 1994  
CEMOPLAF expects an increase of 25 per cent. The promotion of IUD use and training of Medical professionals is expected to impact new IUD users.

2a. ESTIMATED USE Year: 1995  
A 20% increase in IUD consumption is expected.

NEWCPT V2.1

Country: Ecuador  
Recipient: CEMOPLAF  
Product: Copper T, 380  
Prepared by: Diego E. Berrio, CDC & Teresa De Vargas  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/25/94  
Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Same as in 1995, a 20% increase is expected.

3a. SHIPMENTS RECEIVED Year: 1992

This amount was purchased from CEPAR.

3a. SHIPMENTS RECEIVED Year: 1993

During clearance visual inspection of ID 3755/2 shipment, 1,500 units were missing. Karen, god knows where they got lost!

3b. SHIPMENTS SCHEDULED Year: 1994

This ID 5384/1 ordered shipment is expected to arrive any minute. However, stock levels will continue to be low. Thus, new shipment is schedule in March knowing that it will not happen. Please process IUD new shipment to arrive in country soon as possible. Thanks

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF

Date: 03/17/94

Product: Copper T, 380

Time: 17:36

Prepared by: Diego E. Berrio, CDC & Teresa De Vargas

Prepared on: 01/25/94

Modified by: Diego E. Berrio, CDC/FPLM

Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	42,400	11/29/91
LOCAL	1,800	04/27/92
CPSD	25,500	08/16/93
CPSD	14,800	05/16/94

Total shipments: 84,500

NEWCPT V2.1

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Copper T, 380	Time: 17:36
Prepared by: Diego E. Berrío, CDC & Teresa De Vargas	Prepared on: 01/25/94
Modified by: Diego E. Berrío, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
-----	-----	-----
CPSD	59,200	05/31/94
CPSD	68,600	03/31/95
* CPSD	80,800	1996
* CPSD	92,400	1997
 Total to order for 1994 and 1995:	 127,800	

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Copper T, 380	Time: 17:36
Prepared by: Diego E. Berrio, CDC & Teresa De Vargas	Prepared on: 01/25/94
Modified by: Diego E. Berrio, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1994	
Supplier Name	Quantity
-----	
AID	59,200.0
-----	
Total (1994):	59,200.0
Quantity Needed (1994):	59,200.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	
AID	68,600.0
-----	
Total (1995):	68,600.0
Quantity Needed (1995):	68,600.0
Supply Shortfall (1995):	0.0

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Copper T, 380	Time: 17:36
Prepared by: Diego E. Berrio, CDC & Teresa De Vargas	Prepared on: 01/25/94
Modified by: Diego E. Berrio, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1996	
Supplier Name	Quantity
-----	
AID	80,800.0
-----	
Total (1996):	80,800.0
Quantity Needed (1996):	80,700.0
Supply Shortfall (1996):	-100.0

1997	
Supplier Name	Quantity
-----	
AID	92,400.0
-----	
Total (1997):	92,400.0
Quantity Needed (1997):	92,300.0
Supply Shortfall (1997):	-100.0

Country: Ecuador Date: 03/17/94  
 Recipient: CEMOPLAF  
 Product: Lo-Femenal, Blue Lady Time: 17:36  
 Prepared by: Diego E. Berrio, CDC & Teresa de Vargas Prepared on: 01/26/94  
 Modified by: Diego E. Berrio, CDC/FPLM Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	112.0	13.6	177.3	230.3	104.7
2. Estimated Consumption					
(a) Sales/Distrib.	134.0	118.1	158.5	182.3	210.0
(b) Loss/Disposal					
(c) Transfer/Adjust.			88.5	88.5	
3. Add'l Contraceptives					
(a) Received	35.6	281.8		NA	NA
(b) Scheduled	NA		300.0		NA
4. End of Yr Stock	13.6	177.3	230.3	-40.5	NA
5. Desired EOY Stock	NA	NA	179.7	105.0	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	50.4		NA
(b) Qty Needed	NA	NA		145.2	NA
7. Supply Shortfall	NA	NA			

1994 Minimum stock (months):	3	1995 Minimum stock (months):	3
Maximum stock (months):	6	Maximum stock (months):	6
Desired stock (months):	6	Desired stock (months):	6

Country: Ecuador  
Recipient: CEMOPLAF  
Product: Lo-Femenal, Blue Lady  
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/26/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY stock data is from a manual LMIS, It corresponds to supplies on hand in all warehouses of the distribution system.

2a. ESTIMATED USE

Year: 1992

This is the program's total consumption for 1992. Logistics consumption data is collected daily and aggregated monthly at central level using a manual LMIS.

2a. ESTIMATED USE

Year: 1993

Consumption data from manual LMIS.

2a. ESTIMATED USE

Year: 1994

It is expected that the consumption will increase by 34 per cent. Lo-Femenal distribution to users is expected to increase because other oral brands distribution will decrease.

2a. ESTIMATED USE

Year: 1995

Estimated consumption will increase by 15 per cent.

NEWCPT V2.1

Country: Ecuador  
Recipient: CEMOPLAF  
Product: Lo-Femenal, Blue Lady  
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/26/94  
Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Same as 1995. Consumption is expected to increase by 15 per cent.

2b. TRANSFERS Year: 1994

This amount of 88,500 will be transfer to SSC as 1/2 payment of previous 1993 loan of 177,000.

2c. TRANSFERS Year: 1995

This amount of 88,500 units will be paid back to SSC.

3a. SHIPMENTS RECEIVED Year: 1992

Shipment ID 3756/2 when cleared from customs was short by 2,800 cycles. Source of missing amount unknown.

3a. SHIPMENTS RECEIVED Year: 1993

ID 4616/1 shipment when cleared from customs was short 600 units.  
Record # 23107 of 177,000 units were borrowed from Seguro Social Campecino. Record # 23136 of 5,800 units were return to central warehouse from SDPs in good condition.

3b. SHIPMENTS SCHEDULED Year: 1994

ID 5383/1 shipment is ordered. Date of arrival and/or clearance yet unknown.

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Teresa de Vargas  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/26/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	57,600	11/29/91
CPSD	35,600	08/21/92
LOCAL	177,000	03/10/93
CPSD	3,000	04/15/93
LOCAL	5,800	07/15/93
CPSD	96,000	12/23/93
CPSD	300,000	05/16/94

Total shipments: 675,000

NEWCPT V2.1

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Lo-Femenal, Blue Lady	Time: 17:36
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas	Prepared on: 01/26/94
Modified by: Diego E. Berrio, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
-----	-----	-----
CPSD	145,200	03/31/95
* CPSD	223,200	1996
* CPSD	249,600	1997

Total to order for 1994 and 1995: 145,200

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Lc-Femenal, Blue Lady	Time: 17:36
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas	Prepared on: 01/26/94
Modified by: Diego E. Berrio, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1994	
Supplier Name	Quantity
-----	
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	
AID	145,200.0
-----	
Total (1995):	145,200.0
Quantity Needed (1995):	145,200.0
Supply Shortfall (1995):	0.0

*9/2*

NEWCPT V2.1

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Lo-Femenal, Blue Lady	Time: 17:36
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas	Prepared on: 01/26/94
Modified by: Diego E. Berrio, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1996	
Supplier Name	Quantity
-----	
AID	223,200.0
-----	
Total (1996):	223,200.0
Quantity Needed (1996):	223,200.0
Supply Shortfall (1996):	0.0

1997	
Supplier Name	Quantity
-----	
AID	249,600.0
-----	
Total (1997):	249,600.0
Quantity Needed (1997):	248,700.0
Supply Shortfall (1997):	-900.0

NEWCPT V2.1

Country: Ecuador Date: 03/17/94  
 Recipient: CEMOPLAF  
 Product: Conceptrol Foaming Tablet Time: 17:36  
 Prepared by: Diego E. Berrio, CDC & Teresa de Vargas Prepared on: 01/26/94  
 Modified by: Diego E. Berrio, CDC/FPLM Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	362.0	94.7	289.3	412.5	182.5
2. Estimated Consumption					
(a) Sales/Distrib.	259.4	189.0	208.0	230.0	253.0
(b) Loss/Disposal					
(c) Transfer/Adjust.	81.6				
3. Add'l Contraceptives					
(a) Received	73.7	383.6		NA	NA
(b) Scheduled	NA		331.2		NA
4. End of Yr Stock	94.7	289.3	412.5	182.5	NA
5. Desired EOY Stock	NA	NA	115.0	126.5	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	297.6	57.6	NA
(b) Qty Needed	NA	NA			NA
7. Supply Shortfall	NA	NA			-3.0
1994 Minimum stock (months):	3		1995 Minimum stock (months):	3	
Maximum stock (months):	6		Maximum stock (months):	6	
Desired stock (months):	6		Desired stock (months):	6	

34

NEWCPT V2.1

Country: Ecuador  
Recipient: CEMOPLAF  
Product: Conceptrol Framing Tablet  
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:36  
Prepared on: 01/26/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK Year: 1992

This BOY stock level from the LMIS inventory records.

2a. ESTIMATED USE Year: 1992

Total consumption. Data from manual LMIS.

2a. ESTIMATED USE Year: 1993

Consumption of Conceptrol has been decreasing. User satisfaction seems to be low.

2a. ESTIMATED USE Year: 1994

This year's consumption is expected to increase 10 per cent.

2a. ESTIMATED USE Year: 1995

Same as in 1994. Estimated consumption is expected to increase by 10 per cent. Promotion of use is planned through the CBD program.

NEWCPT V2.1

Country: Ecuador Date: 03/17/94  
Recipient: CEMOPLAF  
Product: Conceptrol Foaming Tablet Time: 17:36  
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas Prepared on: 01/26/94  
Modified by: Diego E. Berrio, CDC/FPLM Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Same as in 1996. The CBD program will be promoting conceptrol use in rural areas.

2c. TRANSFERS Year: 1992

This amount of 81,600 units were transferred to COF and APROFE.

3a. SHIPMENTS RECEIVED Year: 1992

73,700 units were purchased from CEPAR.

3a. SHIPMENTS RECEIVED Year: 1993

ID 3753/2 shipped when cleared from customs was short by 4,600 units. It is now apparent that most of all contraceptive shipments are picked a bite. Local SDPs returned 31,800 units to central warehouse in good condition

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: Conceptrol Foaming Tablet  
 Prepared by: Diego E. Berrio, CDC & Teresa de Vargas  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/26/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	86,400	11/29/91
LOCAL	73,700	04/27/92
CPSD	78,000	04/15/93
CPSD	57,800	08/16/93
LOCAL	31,800	11/15/93
CPSD	216,000	12/23/93
CPSD	331,200	06/29/94

Total shipments: 874,900

NEWCPT V2.1

Country: Ecuador	Date: 03/17/94
Recipient: CEMOPLAF	
Product: Conceptrol Foaming Tablet	Time: 17:36
Prepared by: Diego E. Berrio, CDC & Teresa de Vargas	Prepared on: 01/26/94
Modified by: Diego E. Berrio, CDC/FPLM	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
* CPSD	211,200	1996
* CPSD	288,000	1997
Total to order for 1994 and 1995:		0

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

NEWCPT V2.1

Country: Ecuador  
 Recipient: CEMOPLAF  
 Product: Conceptrol Foaming Tablet  
 Prepared by: Diego E. Berrio, CDC & Teresa de Vargas  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 01/26/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
-----	
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	
Total (1995):	0.0
Quantity Needed (1995):	0.0
Supply Shortfall (1995):	0.0

NEWCPT V2.1

Country: Ecuador Date: 03/17/94  
 Recipient: CEMOPLAF  
 Product: Conceptrol Foaming Tablet Time: 17:36  
 Prepared by: Diego E. Berrio, CDC & Teresa de Vargas Prepared on: 01/26/94  
 Modified by: Diego E. Berrio, CDC/FPLM Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996	
Supplier Name	Quantity
AID	211,200.0
Total (1996):	211,200.0
Quantity Needed (1996):	208,200.0
Supply Shortfall (1996):	-3,000.0

1997	
Supplier Name	Quantity
AID	288,000.0
Total (1997):	288,000.0
Quantity Needed (1997):	286,800.0
Supply Shortfall (1997):	-1,200.0

NEWCPT V2.1

Country: Ecuador  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: 52mm Mon Colored, No Logo  
 Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro  
 Modified by: Diego E. Berrão, CDC

Date: 03/17/94  
 Time: 17:36  
 Prepared on: 02/08/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
	-----	-----	-----	-----	-----
1. Beg. of Year Stock	817.3	112.2	125.6	235.0	254.0
2. Estimated Consumption					
(a) Sales/Distrib.	813.2	137.8	424.6	467.0	513.6
(b) Loss/Disposal					
(c) Transfer/Adjust.					
3. Add'l Contraceptives					
(a) Received	108.1	151.2		NA	NA
(b) Scheduled	NA		462.0		NA
4. End of Yr Stock	112.2	125.6	163.0	-232.0	NA
5. Desired EOY Stock	NA	NA	233.5	256.8	NA
6. Net Supply Situation					
(a) Surplus	NA	NA			NA
(b) Qty Needed	NA	NA	72.0	486.0	NA
7. Supply Shortfall	NA	NA			-1.4

1994 Minimum stock (months):	3	1995 Minimum stock (months):	3
Maximum stock (months):	6	Maximum stock (months):	6
Desired stock (months):	6	Desired stock (months):	6

Country: Ecuador Date: 03/17/94  
Recipient: Inst. Ecuatoriano de Seguridad Social  
Product: 52mm Non Colored, No Logo Time: 17:36  
Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro Prepared on: 02/08/94  
Modified by: Diego E. Berrão, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY stock level from central warehouse inventory records and from annual report contraceptive distribution program for 1992.

2a. ESTIMATED USE

Year: 1992

This consumption amount is the distribution from the central warehouse in Quito to 9 regions totaling 21 provinces.

2a. ESTIMATED USE

Year: 1993

This consumption amount is an estimate I made by adding the 1992 EOY stock plus amounts received in 1993 minus amount on hand at the central warehouse by the end on 1993. (130,695 units on hand at the end of 1993)

2a. ESTIMATED USE

Year: 1995

This projected amount includes a 10% increase over 1994.

2a. ESTIMATED USE

Year: 1996

Same as in 1995. Expected increase of 10% from 1995.

Country: Ecuador  
Recipient: Inst. Ecuatoriano de Seguridad Social  
Product: 52mm Non Colored, No Logo  
Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro  
Modified by: Diego E. Berrão, CDC

Date: 03/17/94  
Time: 17:36  
Prepared on: 02/08/94  
Modified on: 03/03/94

3a. SHIPMENTS RECEIVED Year: 1992

Shipment ID #3761/1 when cleared from customs was short by 5,900 units.

3a. SHIPMENTS RECEIVED Year: 1993

Shipment ID # 3761/2 when cleared from customs was short by 34,755 units.

Country: Ecuador Date: 03/17/94  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: 52mm Non Colored, No Logo Time: 17:36  
 Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro Prepared on: 02/08/94  
 Modified by: Diego E. Berrão, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	108,100	06/02/92
CPSD	151,200	01/11/93
CPSD	36,000	02/15/94
CPSD	426,000	05/16/94

Total shipments: 721,300

Country: Ecuador	Date: 03/17/94
Recipient: Inst. Ecuatoriano de Seguridad Social	
Product: 52mm Non Colored, No Logo	Time: 17:36
Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro	Prepared on: 02/08/94
Modified by: Diego E. Berrão, CDC	Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
-----	-----	-----
CPSD	72,000	05/31/94
CPSD	486,000	03/31/95
* CPSD	540,000	1996
* CPSD	582,000	1997

Total to order for 1994 and 1995:           558,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

Country: Ecuador  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro  
 Modified by: Diego E. Berrão, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/08/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994

Supplier Name	Quantity
AID	72,000.0
Total (1994):	72,000.0
Quantity Needed (1994):	72,000.0
Supply Shortfall (1994):	0.0

1995

Supplier Name	Quantity
AID	486,000.0
Total (1995):	486,000.0
Quantity Needed (1995):	486,000.0
Supply Shortfall (1995):	0.0

Country: Ecuador Date: 03/17/94  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: 52mm Non Colored, No Logo Time: 17:37  
 Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiro Prepared on: 02/08/94  
 Modified by: Diego E. Berrão, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996

Supplier Name	Quantity
AID	540,000.0
Total (1996):	540,000.0
Quantity Needed (1996):	538,600.0
Supply Shortfall (1996):	-1,400.0

1997

Supplier Name	Quantity
AID	582,000.0
Total (1997):	582,000.0
Quantity Needed (1997):	590,400.0
Supply Shortfall (1997):	-1,600.0

Country: Ecuador

Date: 03/17/94

Recipient: Inst. Ecuatoriano de Seguridad Social

Product: Copper T, 380

Time: 17:37

Prepared by: Diego E. Berrão, CDC &amp; Piedad de Piñeiros

Prepared on: 02/08/94

Modified by: Diego E. Berrão, CDC

Modified on: 03/03/94

## 1994 Contraceptive Requirements Estimate

All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	10.5	5.7	6.6	2.9	4.5
2. Estimated Consumption					
(a) Sales/Distrib.	9.5	3.0	7.3	8.0	8.8
(b) Loss/Disposal					
(c) Transfer/Adjust.					
3. Add'l Contraceptives					
(a) Received	4.7	3.9		NA	NA
(b) Scheduled	NA		3.6		NA
4. End of Yr Stock	5.7	6.6	2.9	-5.1	NA
5. Desired EOY Stock	NA	NA	4.0	4.4	NA
6. Net Supply Situation					
(a) Surplus	NA	NA			NA
(b) Qty Needed	NA	NA	1.2	9.6	NA
7. Supply Shortfall	NA	NA	1.2		-0.1
1994 Minimum stock (months):	3				
Maximum stock (months):	6				
Desired stock (months):	6				
1995 Minimum stock (months):				3	
Maximum stock (months):				6	
Desired stock (months):				6	

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Page - 1

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Country: Ecuador  
Recipient: Inst. Ecuatoriano de Seguridad Social  
Product: Copper T, 380  
Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiros  
Modified by: Diego E. Berrão, CDC

Date: 03/17/94  
Time: 17:37  
Prepared on: 02/08/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK Year: 1992  
This BOY stock level from central warehouse physical inventory by Decemeber 1991.

2a. ESTIMATED USE Year: 1992  
This consumption amount represent issues data from central warehouse to all regions. There is no working manual LMIS to determine essencial logistics dispensed to users data.

2a. ESTIMATED USE Year: 1993  
This amount is the calculation of 1992 EOY stock plus amounts received in 1993 minus 1993 EOY stock. (1993 EOY stock 6,604)

2a. ESTIMATED USE Year: 1994  
This projected consumption is based on service statistics.

2a. ESTIMATED USE Year: 1995  
This estimated consumtption includes a a 10% increase.

Country: Ecuador  
Recipient: Inst. Ecuatoriano de Seguridad Social  
Product: Copper T, 380  
Prepared by: Diego E. Berrão, CDC & Piedad de Piêeiros  
Modified by: Diego E. Berrão, CDC

Date: 03/17/94

Time: 17:37

Prepared on: 02/08/94

Modified on: 03/03/94

2a. ESTIMATED USE

Year: 1996

Same as in 1995.

3a. SHIPMENTS RECEIVED

Year: 1993

Shipment ID # 3763/1 when cleared from customs was short by 1,866 units.

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Page - 3

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100

Country: Ecuador Date: 03/17/94  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: Copper T, 380 Time: 17:37  
 Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
 Modified by: Diego E. Berrão, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	4,700	06/02/92
CPSD	3,900	01/11/93
CPSD	3,600	05/16/94

Total shipments: 12,200

Country: Ecuador Date: 03/17/94  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: Copper T, 380 Time: 17:37  
 Prepared by: Diego E. Berrão, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
 Modified by: Diego E. Berrão, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
CPSD	9,600	03/31/95
* CPSD	9,200	1996
* CPSD	10,000	1997

Total to order for 1994 and 1995: 9,600

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

Country: Ecuador

Date: 03/17/94

Recipient: Inst. Ecuatoriano de Seguridad Social

Product: Copper T, 380

Time: 17:37

Prepared by: Diego E. Berrão, CDC &amp; Piedad de Piñeiros Prepared on: 02/08/94

Modified by: Diego E. Berrão, CDC

Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1994

Supplier Name	Quantity
-----	-----
Total (1994):	0.0
Quantity Needed (1994):	1,200.0
Supply Shortfall (1994):	1,200.0

1995

Supplier Name	Quantity
-----	-----
AID	9,600.0
Total (1995):	9,600.0
Quantity Needed (1995):	9,600.0
Supply Shortfall (1995):	0.0

Country: Ecuador

Date: 03/17/94

Recipient: Inst. Ecuatoriano de Seguridad Social

Product: Copper T, 380

Time: 17:37

Prepared by: Diego E. Berrão, CDC &amp; Piedad de Piñeiros

Prepared on: 02/08/94

Modified by: Diego E. Berrão, CDC

Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1996

Supplier Name	Quantity
AID	9,200.0
Total (1996):	9,200.0
Quantity Needed (1996):	9,100.0
Supply Shortfall (1996):	-100.0

1997

Supplier Name	Quantity
AID	10,000.0
Total (1997):	10,000.0
Quantity Needed (1997):	9,900.0
Supply Shortfall (1997):	-100.0

Country: Ecuador Date: 03/17/94  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: Lo-Femenal, Blue Lady Time: 17:37  
 Prepared by: Diego E. Berrio, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
 Modified by: Diego E. Berrio, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	144.9	47.2	72.1	178.3	112.4
2. Estimated Consumption					
(a) Sales/Distrib.	123.6		185.4	203.9	224.4
(b) Loss/Disposal					
(c) Transfer/Adjust.					
3. Add'l Contraceptives					
(a) Received	25.9	24.9		NA	NA
(b) Scheduled	NA		291.6		NA
4. End of Yr Stock	47.2	72.1	178.3	-25.6	NA
5. Desired EOY Stock	NA	NA	102.0	112.2	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	76.8		NA
(b) Qty Needed	NA	NA		138.0	NA
7. Supply Shortfall	NA	NA			

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

Country: Ecuador Date: 03/17/94  
Recipient: Inst. Ecuatoriano de Seguridad Social  
Product: Lo-Femenal, Blue Lady Time: 17:37  
Prepared by: Diego E. Berrio, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
Modified by: Diego E. Berrio, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This BPY stock level from central warehouse physical inventory of December of 1991.

2a. ESTIMATED USE

Year: 1992

This consumption amount represent 1992 issues data from central warehouse to 9 regions or 21 provinces. The ESSI lacks an adequate working manual LMIS.

2a. ESTIMATED USE

Year: 1993

Based on calculations of amounts received from CPSD and stock on hand, it seems Lo-Femenal was not issued to any of the 9 regions. Some 1993 reports from the regions include very small amounts on hand. It possible that many of the SDPs are experiencing stockout conditions.

2a. ESTIMATED USE

Year: 1994

This amount is estimated consumption based on service statistics.

2a. ESTIMATED USE

Year: 1995

Expected increase of 10% from 1994.

NEWCPT V2.1

Country: Ecuador Date: 03/17/94  
Recipient: Inst. Ecuatoriano de Seguridad Social  
Product: Lo-Femenal, Blue Lady Time: 17:37  
Prepared by: Diego E. Berrio, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
Modified by: Diego E. Berrio, CDC Modified on: 03/03/94

2a. ESTIMATED USE Year: 1996

Same as in 1995 with an expected increase of 10 per cent.

3b. SHIPMENTS SCHEDULED Year: 1994

Shipments ID 4621/1 and ID 5389/1 are in the process of clearance from customs.

Country: Ecuador Date: 03/17/94  
 Applicant: Inst. Ecuatoriano de Seguridad Social  
 Product: Lo-Femenal, Blue Lady Time: 17:37  
 Prepared by: Diego E. Berrio, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
 Modified by: Diego E. Berrio, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	21,100	06/02/92
CPSD	4,800	06/02/92
CPSD	24,900	04/15/93
CPSD	120,000	02/15/94
CPSD	171,600	02/15/94

Total shipments: 342,400

Country: Ecuador Date: 03/17/94  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: Lo-Femenal, Blue Lady Time: 17:37  
 Prepared by: Diego E. Berrio, CDC & Piedad de Piñeiros Prepared on: 02/08/94  
 Modified by: Diego E. Berrio, CDC Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity Received	Receipt Date
CPSD	138,000	03/31/95
* CPSD	234,000	1996
* CPSD	254,400	1997

Total to order for 1994 and 1995: 138,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

109

Country: Ecuador

Date: 03/17/94

Recipient: Inst. Ecuatoriano de Seguridad Social

Product: Lo-Femenal, Blue Lady

Time: 17:37

Prepared by: Diego E. Berrio, CDC &amp; Piedad de Piñeiros

Prepared on: 02/08/94

Modified by: Diego E. Berrio, CDC

Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
New Supply Summary

1994

Supplier Name	Quantity
-----	
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995

Supplier Name	Quantity
-----	
AID	138,000.0
-----	
Total (1995):	138,000.0
Quantity Needed (1995):	138,000.0
Supply Shortfall (1995):	0.0

110

Country: Ecuador  
 Recipient: Inst. Ecuatoriano de Seguridad Social  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrio, CDC & Piedad de Piñeiros  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/08/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996

Supplier Name	Quantity
AID	234,000.0
Total (1996):	234,000.0
Quantity Needed (1996):	234,000.0
Supply Shortfall (1996):	0.0

1997

Supplier Name	Quantity
AID	254,400.0
Total (1997):	254,400.0
Quantity Needed (1997):	253,700.0
Supply Shortfall (1997):	-700.0

111.

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	0.1	0.1	6.5	72.5	72.5
2. Estimated Consumption					
(a) Sales/Distrib.			150.0	150.0	150.0
(b) Loss/Disposal					
(c) Transfer/Adjust.		40.7			
3. Add'l Contraceptives					
(a) Received		47.1		NA	NA
(b) Scheduled	NA				NA
4. End of Yr Stock	0.1	6.5	-143.5	-77.5	NA
5. Desired EOY Stock	NA	NA	75.0	75.0	NA
6. Net Supply Situation					
(a) Surplus	NA	NA			NA
(b) Qty Needed	NA	NA	216.0	150.0	NA
7. Supply Shortfall	NA	NA			-3.5

1994 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

1995 Minimum stock (months): 3  
 Maximum stock (months): 6  
 Desired stock (months): 6

112

Country: Ecuador  
Recipient: Seguro Social Campesino (SSC)  
Product: 52mm Non Colored, No Logo  
Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
Time: 17:37  
Prepared on: 02/09/94  
Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY stock level is of 50 units at the central warehouse.

2a. ESTIMATED USE

Year: 1994

This amount is a gross estimate of what will be consumed.

2a. ESTIMATED USE

Year: 1995

Same as in 1994

2a. ESTIMATED USE

Year: 1996

Same as in 1994/95.

2c. TRANSFERS

Year: 1993

This amount was transferred to CEMOPLAF to secure that product would not expired. SSC has regusrly scheduled two distribution periods that did not take place in 1993.

Country: Ecuador

Date: 03/17/94

Recipient: Seguro Social Campesino (SSC)

Product: 52mm Non Colored, No Logo

Time: 17:37

Prepared by: Diego E. Berrio, CDC &amp; Cesar Izquierdo

Prepared on: 02/09/94

Modified by: Diego E. Berrio, CDC/FPLM

Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
Shipments Shipped or Received from All Suppliers

Source	quantity Received	Receipt date
-----	-----	-----
CPSD	47,100	01/26/93

Total shipments: 47,100

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 Proposed Shipments from All Suppliers

Source	Quantity	Receipt Received Date
CPSD	216,000	05/31/94
CPSD	150,000	03/31/95
* CPSD	156,000	1996
* CPSD	150,000	1997

Total to order for 1994 and 1995: 366,000

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994

Supplier Name	Quantity
AID	216,000.0
-----	
Total (1994):	216,000.0
Quantity Needed (1994):	216,000.0
Supply Shortfall (1994):	0.0

1995

Supplier Name	Quantity
AID	150,000.0
-----	
Total (1995):	150,000.0
Quantity Needed (1995):	150,000.0
Supply Shortfall (1995):	0.0

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: 52mm Non Colored, No Logo  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC/FPLM

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 03/03/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996

Supplier Name	Quantity
AID	156,000.0
Total (1996):	156,000.0
Quantity Needed (1996):	152,500.0
Supply Shortfall (1996):	-3,500.0

1997

Supplier Name	Quantity
AID	150,000.0
Total (1997):	150,000.0
Quantity Needed (1997):	150,000.0
Supply Shortfall (1997):	0.0

117

Country: Ecuador

Date: 03/17/94

Recipient: Seguro Social Campesino (SSC)

Product: Copper T, 380

Time: 17:37

Prepared by: Diego E. Berrio, CDC &amp; Cesar Izquierdo

Prepared on: 02/09/94

Modified by: Diego E. Berrio, CDC

Modified on: 02/22/94

1994 Contraceptive Requirements Estimate  
All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	8.4	19.8	24.0	17.0	9.0
2. Estimated Consumption					
(a) Sales/Distrib.	0.5		7.0	8.0	9.0
(b) Loss/Disposal					
(c) Transfer/Adjust.					
3. Add'l Contraceptives					
(a) Received	11.9	4.2		NA	NA
(b) Scheduled	NA				NA
4. End of Yr Stock	19.8	24.0	17.0	9.0	NA
5. Desired EOY Stock	NA	NA	4.0	4.5	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	13.0	4.6	NA
(b) Qty Needed	NA	NA			NA
7. Supply Shortfall	NA	NA			5.0

1994 Minimum stock (months): 3  
Maximum stock (months): 6  
Desired stock (months): 6

1995 Minimum stock (months): 3  
Maximum stock (months): 6  
Desired stock (months): 6

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Page - 1

DRAFT

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118

Country: Ecuador  
Recipient: Seguro Social Campesino (SSC)  
Product: Copper T, 380  
Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
Time: 17:37  
Prepared on: 02/09/94  
Modified on: 02/22/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK

Year: 1992

This BOY stock level from central warehouse records.

2a. ESTIMATED USE

Year: 1993

There is no current distribution from central warehouse because the 1991 push distribution saturated stock levels in all SDPs. A needs assessment must be done in order to learn stock levels at SDPs and demand for IUD use. In 1991 SDP health providers lacked training.

3a. SHIPMENTS RECEIVED

Year: 1993

This shipment totals 4,255 units.

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/22/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	11,900	03/12/92
CPSD	4,200	02/16/93

Total shipments: 16,100

Country: Ecuador  
Resipient: Seguro Social Campesino (SSC)  
Product: Copper T, 380  
Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
Time: 17:37  
Prepared on: 02/09/94  
Modified on: 02/22/94

1994 Contraceptive Requirements Estimate  
Proposed Shipments from All Suppliers

Total to order for 1994 and 1995:

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

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Page - 4

DRAFT

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16

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/22/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994	
Supplier Name	Quantity
-----	-----
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995	
Supplier Name	Quantity
-----	-----
Total (1995):	0.0
Quantity Needed (1995):	0.0
Supply Shortfall (1995):	0.0

W

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Copper T, 380  
 Prepared by: Diego E. Berrio, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/22/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996	
Supplier Name	Quantity
-----	
Total (1996):	0.0
Quantity Needed (1996):	5,000.0
Supply Shortfall (1996):	5,000.0

1997	
Supplier Name	Quantity
-----	
Total (1997):	0.0
Quantity Needed (1997):	10,500.0
Supply Shortfall (1997):	10,500.0

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrão, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/09/94

1994 Contraceptive Requirements Estimate  
 All Numbers in 1,000's

	1992	1993	1994	1995	1996
1. Beg. of Year Stock	183.0	257.6	381.6	293.1	221.6
2. Estimated Consumption					
(a) Sales/Distrib.	25.0	50.0	65.0	71.5	78.7
(b) Loss/Disposal			23.5		
(c) Transfer/Adjust.					
3. Add'l Contraceptives					
(a) Received	99.6			NA	NA
(b) Scheduled	NA	174.0			NA
4. End of Yr Stock	257.6	381.6	293.1	221.6	NA
5. Desired EOY Stock	NA	NA	35.7	39.3	NA
6. Net Supply Situation					
(a) Surplus	NA	NA	258.0	182.4	NA
(b) Qty Needed	NA	NA			NA
7. Supply Shortfall	NA	NA			
1994 Minimum stock (months):	3				
Maximum stock (months):	6				
Desired stock (months):	6				
1995 Minimum stock (months):				3	
Maximum stock (months):				6	
Desired stock (months):				6	

Country: Ecuador  
Recipient: Seguro Social Campesino (SSC)  
Product: Lo-Femenal, Blue Lady  
Prepared by: Diego E. Berrão, CDC & Cesar Izquierdo  
Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
Time: 17:37  
Prepared on: 02/09/94  
Modified on: 02/09/94

1994 Contraceptive Requirements Estimate  
Footnotes

1. BEGINNING STOCK Year: 1992

This BOY stock level from central warehouse records.

2a. ESTIMATED USE Year: 1994

This consumption estimate is based on statistical projections taking into consideration 4,333 pill users in the SSC program through 560 SDPs.

2a. ESTIMATED USE Year: 1995

Expected increase of 10 per cent.

2a. ESTIMATED USE Year: 1996

Same as in 1995.

2b. ESTIMATED LOSS Year: 1994

This amount is expired supply and it will be burn and ashes buried.

10-

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrão, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/09/94

1994 Contraceptive Requirements Estimate  
 Shipments Shipped or Received from All Suppliers

Source	Quantity Received	Receipt date
CPSD	99,600	03/12/92
CPSD	174,000	10/06/93

Total shipments: 273,600

Country: Ecuador  
Recipient: Seguro Social Campesino (SSC)  
Product: Lo-Femenal, Blue Lady  
Prepared by: Diego E. Berrão, CDC & Cesar Izquierdo  
Modified by: Diego E. Berric, CDC

Date: 03/17/94  
Time: 17:37  
Prepared on: 02/09/94  
Modified on: 02/09/94

1994 Contraceptive Requirements Estimate  
Proposed Shipments from All Suppliers

Total to order for 1994 and 1995:

\* This shipment represents the aggregate amount that the supplier will provide of this product during the year and is not meant to indicate a specific shipment quantity or receive date.

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Page - 4

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127

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrão, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/09/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1994

Supplier Name	Quantity
Total (1994):	0.0
Quantity Needed (1994):	0.0
Supply Shortfall (1994):	0.0

1995

Supplier Name	Quantity
Total (1995):	0.0
Quantity Needed (1995):	0.0
Supply Shortfall (1995):	0.0

128

Country: Ecuador  
 Recipient: Seguro Social Campesino (SSC)  
 Product: Lo-Femenal, Blue Lady  
 Prepared by: Diego E. Berrão, CDC & Cesar Izquierdo  
 Modified by: Diego E. Berrio, CDC

Date: 03/17/94  
 Time: 17:37  
 Prepared on: 02/09/94  
 Modified on: 02/09/94

1994 Contraceptive Requirements Estimate  
 New Supply Summary

1996

Supplier Name	Quantity	
Total (1996):		0.0
Quantity Needed (1996):		0.0
Supply Shortfall (1996):		0.0

1997

Supplier Name	Quantity	
Total (1997):		0.0
Quantity Needed (1997):		0.0
Supply Shortfall (1997):		0.0

