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CG
614,5992
REF. NO.
A 512 a
Fifth
Oct 1975 -
March 1976

FIFTH PROGRESS REPORT

<u>PROJECT</u>	Development of a Maternal and Child Health/ Family Planning Program in Zaire
<u>PLACE</u>	Republic of Zaire
<u>PERIOD</u>	October 1, 1975 - March 31, 1976
<u>CONTRACT No.</u>	AID/CM/pha-c-73-9

INTRODUCTION

This Report covers the activities of ORT Technical Assistance during the period October 1975 through March 1976. Technical assistance is being provided to the Government of Zaire (GOZ) within the context of an agreement between the GOZ and the Agency for International Development (AID) for the development of national Maternal and Child Health/Family Planning Services (MCH/FP).

ORT's role is aimed at helping GOZ's Fonds Medicale du Coordination (FOMECCO) develop an MCH/FP model. Present emphasis is placed on the development of MCH management and training guidelines.

SUMMARY

Two Centers offering pre-natal, maternity, under-5 and family planning services are in operation and are located in the municipal zones of Kinshasa (Barumbu MCH/FP Center) and Bumbu (Bumbu MCH/FP Center).

During the months of October 1975 through March 1976, there were 18,237 pre-natal visits, 4,233 deliveries, 39,352 visits to the under-5 clinics and 875 acceptors of various FP methods.

Approximately 115 paramedical staff have been trained specifically for work at the MCH Centers while varying numbers of nursing students and medical interns continue to receive an orientation at the Centers.

A brochure has been developed to describe the goals and services offered at the clinic. Plans to distribute the brochure where it will have an optimal promotional effect are now being discussed.

Training material focusing on task analysis is nearing completion and will be tested during the coming months.

An operational guideline for the Centers is in press and will be used both in future training of Center staff and in program development.

A week-long quantitative evaluation of work performed at Bumbu MCH/FP Center was completed in mid-March and the staff (at Bumbu) has been briefed on the result; feedback from the Center staff was solicited. A detailed report on the evaluation and feedback is in preparation.

Assistance was provided by the ORT team in the establishment of a nutrition education program and an under-5 vaccination program at Mama Yemo Hospital's general dispensary. The team's physician provides occasional clinical assistance on an emergency basis. The team has also assisted in planning

alterations in order to render the dispensary services more effective.

Training of the Center staff in the management and organization of the Centers continues to be a major team objective. To this end, weekly seminars with Center coordinators and supervisory personnel at the Centers have been held and have dealt with such subjects as goal-setting, MCH/FP services in other countries, the role of the Center in the community, the role of coordinators and department heads in the management of the Centers, and evaluation of Center management.

ACTIVITIES DURING REPORTING PERIOD

Project Staff Changes

A Public Health Nurse arrived in Kinshasa in November 1975 to replace Miss Frances Rutledge; however, she resigned in early March 1976.

The Centers

From October 1975 to March 1976, ORT emphasis at the Centers has been placed on the development of local Zairian management capability and on the preparation of training materials.

Both Centers continue to show an increase in the number of client visits to all services (see Tables 1-3, Figures 1A-1D), despite continuing budgetary, personnel replacement and transport difficulties.

Although the majority of children under five years of age came to the Centers for curative purposes (see Figure 2), staff continued to stress preventive medication and vaccinations for all patients, regardless of the original purpose of the visit. The average age of children attending the under-5 clinics continued to be under two years (see Figure 3).

A majority of acceptors of FP methods were referred to the program by Center personnel. This trend represents a growing cooperative effort amongst all services at the Centers.

Supervision at the Centers

The Zairian supervisory team described in the Fourth Progress Report (April 1975 through September 1975) continues to function as before. One may expect to see a certain change in the near future, as it is anticipated that one or two of the coordinators will be leaving the Centers before the end of the next reporting period. The ORT team continues to work closely

with the Zairian team. The weekly seminars previously mentioned have focused on local management capability.

Training Activities

As mentioned earlier in this Report, an organizational guide to the Centers is in press and will be used in future training. It is intended that this guide will serve both as an ongoing operational guide to the two established Centers as well as a guide for future replication of these Centers. If presently trained supervisors and coordinators can be persuaded to remain with the two established Centers until the development of new MCH/FP centers is authorized, they will be able to serve as the training nucleus for the staff of the new centers. To this end, the ORT team is maintaining its emphasis on increasing the trainer capabilities of the existing local coordination team.

An additional input into the training function of the project is the development of curriculum objectives based on task analysis complete with curriculum content. This "package" will be in print within the next reporting period and will assist the ORT team in a revision of lesson plans and teaching material now in use in the Center training programs. In addition, it is anticipated that this package can serve as a guide to curriculum development in the training of auxiliary health personnel in other developing countries.

A few physicians and an administrator are still in public health training programs in the United States and are due to return within the year. Selected nursing personnel have returned from short-term courses in public health and family planning. Three additional personnel have been proposed for training in the United States, two for long-term nutrition and public health nursing and one for short-term training in statistics.

Family Planning Activities

The "Desired Births" program continues to be one of the services offered at the Centers, although it is administratively separate from the other

services. The number of acceptors, although still at a low level, has continued to grow. Because of the return of two U.S.-trained family planning nurses, there was a sudden upsurge in acceptors in January and February of this year (see Figure 4). The ORT team has worked to increase cooperation of other services at the Center, especially post-partum and pre-natal services, for promoting FP practices. This effort is beginning to affect positively the number of FP acceptors.

The revised and newly-designed method of data collection on FP clients mentioned in the Fourth Progress Report appears to be working well. The data collected will be analyzed in the future.

Depo Provera remains the method-of-choice for most acceptors of FP methods (see Figure 5). A number of radio and television programs involving MCH/FP Center personnel which stress the importance of family planning have been produced during the last six months.

Program Expansion

Although the Centers and the work being performed at the Centers have been universally well-received, local budgetary and personnel constraints indicate that the program cannot be presently expanded. Team efforts have therefore been aimed at developing simplified training material so that, if and when the GOZ should be prepared and able to expand the program within Kinshasa or countrywide, such training material will facilitate the replication of the existing Centers.

GOALS FOR THE NEXT SIX MONTHS

Priority will be given to providing for an orderly transition of responsibilities from the ORT team to those Zairians who will be assuming total responsibility for Center program activities after ORT's departure. Key local personnel will be given additional responsibility in Center management and decision-making.

The ORT team will also continue to assist with the MCH/FP activities of a number of private clinics, in line with the Government's interest in standardizing services.

Work will continue on the final stages of development of training material and on the testing of this material.

An increased emphasis will be placed upon promoting community knowledge concerning Center activities, with special attention being given to family planning.

Efforts will also be expended on retrieving and analyzing additional data available from the Center records in order to broaden the information base about the Centers' programs and their impact on the population.

CONTRACT No. AID/CM/PHA-C-73-9

ORT - MATERNAL AND CHILD HEALTH/FAMILY PLANNING PROJECT

ADMINISTRATIVE REPORT

Expenditures under Contract, October 1, 1975 - March 31, 1976

Salaries	\$ 59,459.23
Consultants	-
Fringe Benefits	12,075.81
Travel and Transportation	4,572.38
Allowances	19,565.85
Other Direct Costs	27,801.21
Overhead	<u>6,088.62</u>
Sub-Total	129,563.10
Fixed Fee	<u>1,500.00</u>
TOTAL	<u>131,063.10</u>

Personnel Employed under Contract

A. Field Staff

Willem Van Pelt, Public Health Physician
Frances Rutledge, Public Health Nurse
Immetje Nieboer, Public Health Nurse
William Emmet, Management Specialist
Eloise Watkins, Public Health Nurse

B. Geneva Backstopping Staff

Susi Kessler, M.D., Technical Coordinator
Abraham Ahav-El Goldstein, Pedagogical Coordinator
Eugene B. Abrams, Ann Gooch, Management
Mauricette Feller, Secretary-Bookkeeper
Marjorie Agabekov, Erica Seiffert, Other Administrative

C. New York Backstopping Staff

Kate Taormina, Administrative Services

TABLE 1

BUMBU AND BARUMBU CENTERS

PERIOD	Maternity Deliveries	Pre-natal Clinic - Visits	Under-Five Clinic - Visits	Naissances Desirables- FP Clinic - Acceptors
April 1975 to September 1975	4,519	15,134	32,411	542
October 1975 to March 1976	4,233	18,237	39,352	875
Total - April 1975 to March 1976	8,752	33,371	71,763	1,417

% changeover previous

1-year period of

October 1974 to September 1975

+ 3 %

+ 12 %

+ 20 %

+ 36 %

TABLE 2

BUMBU MCH CENTER

<u>Months</u>	<u>Maternity Deliveries</u>	<u>Pre-Natal Clinic - Visits</u>	<u>Under-Five Clinic - Visits</u>	<u>Naissances Desirables - FP - Clinic - Acceptors</u>
<u>PREVIOUS REPORTING PERIOD</u>				
April (1975)	383	1,306	2,529	19
May	413	1,116	2,481	21
June	364	1,205	2,338	23
July	354	1,248	3,579	29
August	331	1,304	3,652	55
September	281	1,397	3,356	54
April - September Sub-total	2,126	7,576	17,935	201
<u>PRESENT REPORTING PERIOD</u>				
October (1975)	331	1,257	3,988	35
November	293	1,167	4,014	27
December	313	1,496	4,296	54
January (1976)	314	1,969	3,838	27
February	311	1,816	3,643	39
March	342	2,067	4,257	21
October - March Sub-total	1,904	9,772	24,036	203
April 1975 - March 1976 TOTAL	4,030	17,348	41,971	404

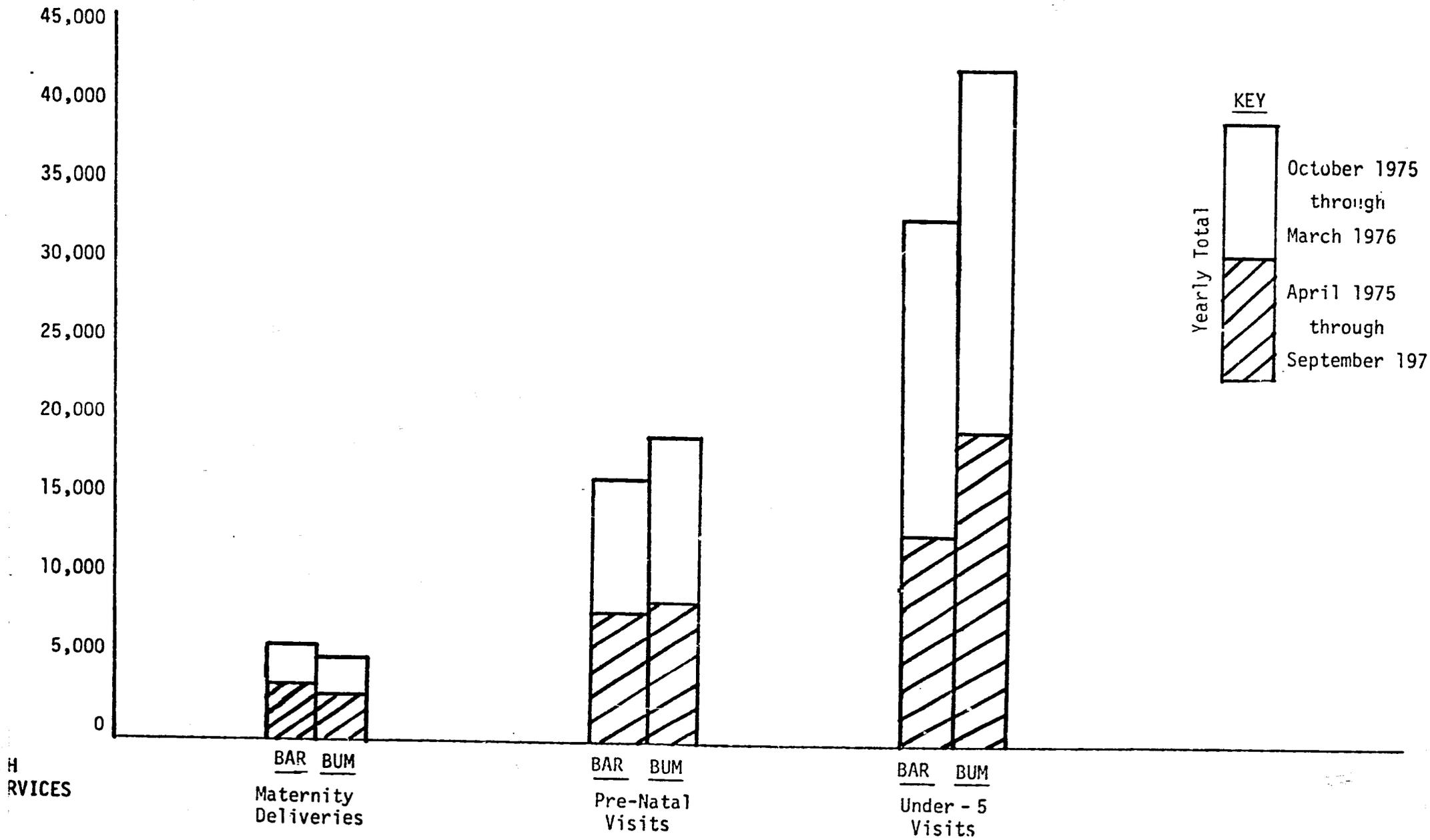
TABLE 3

BARUMBU MCH CENTER

<u>Months</u>	<u>Maternity Deliveries</u>	<u>Pre-Natal Clinic - Visits</u>	<u>Under-Five Clinic - Visits</u>	<u>Naissances Desirables - FP - Clinic - Acceptors</u>
<u>PREVIOUS REPORTING PERIOD</u>				
April (1975)	442	1,332	2,303	40
May	419	1,325	2,450	53
June	372	1,320	2,126	46
July	415	1,389	2,416	55
August	401	1,123	2,749	79
September	344	1,069	2,432	68
April - September Sub-total	2,393	7,558	14,476	341
<u>PRESENT REPORTING PERIOD</u>				
October (1975)	341	1,329	3,216	50
November	355	1,095	1,979	45
December	388	1,308	2,638	47
January (1976)	361	1,579	2,302	184
February	378	1,418	2,355	222
March	506	1,736	2,826	124
October - March Sub-total	2,329	8,465	15,316	672
April 1975 - March 1976 TOTAL	4,722	16,023	29,792	1,013

BARUMBU AND BUMBU MCH CENTERS - KINSHASA, ZAIRE
APRIL 1975 THROUGH MARCH 1976 - VISIT TOTALS PER SERVICE

FIGURE 1



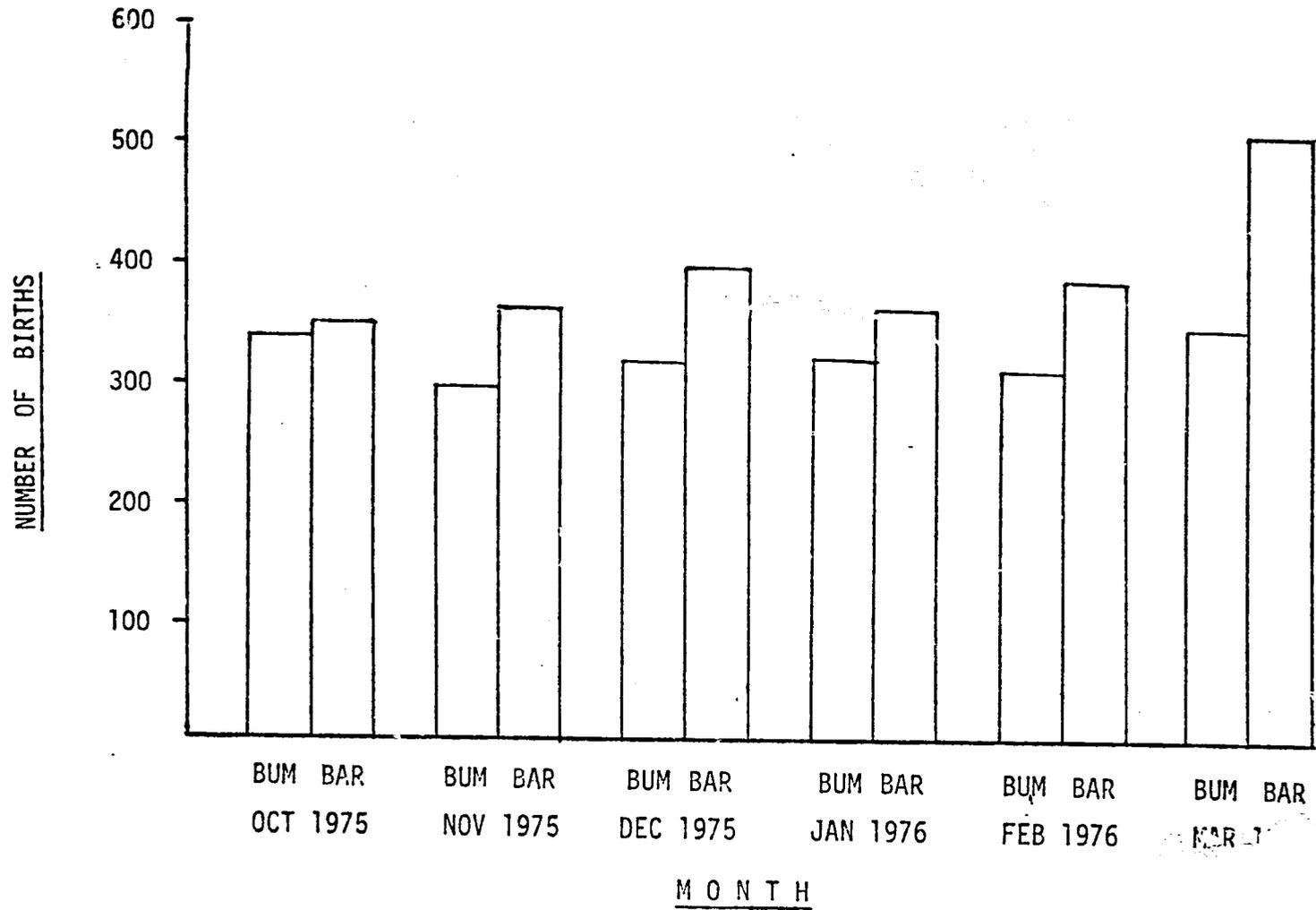
KEY

Yearly Total

October 1975 through March 1976

April 1975 through September 1975

FIGURE 1 b

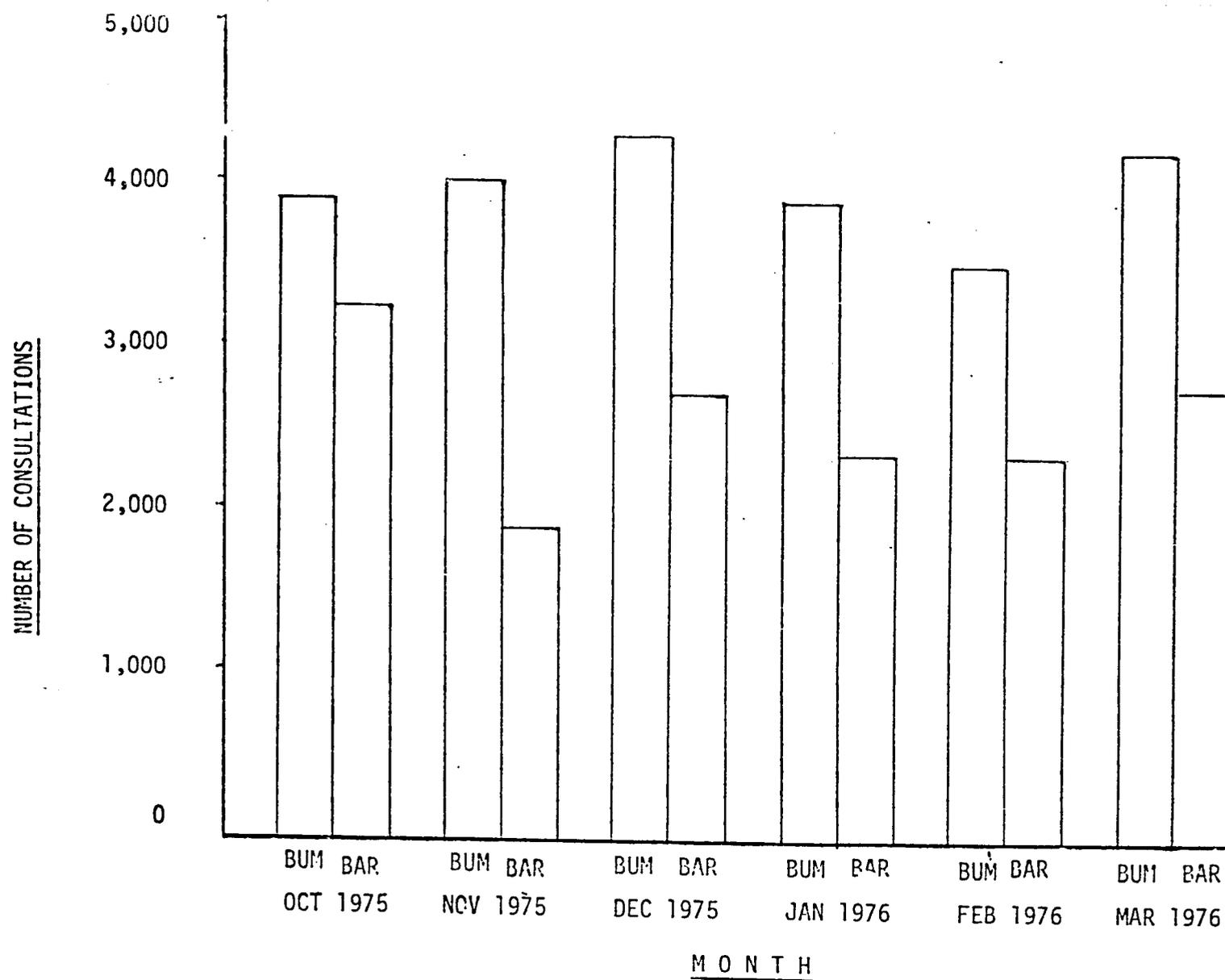


Number of Births at the Maternity by Month and by MCH Center

Bumbu and Barumbu MCH Centers / Zaire - October 1975 - March 1976

ORT/MCH

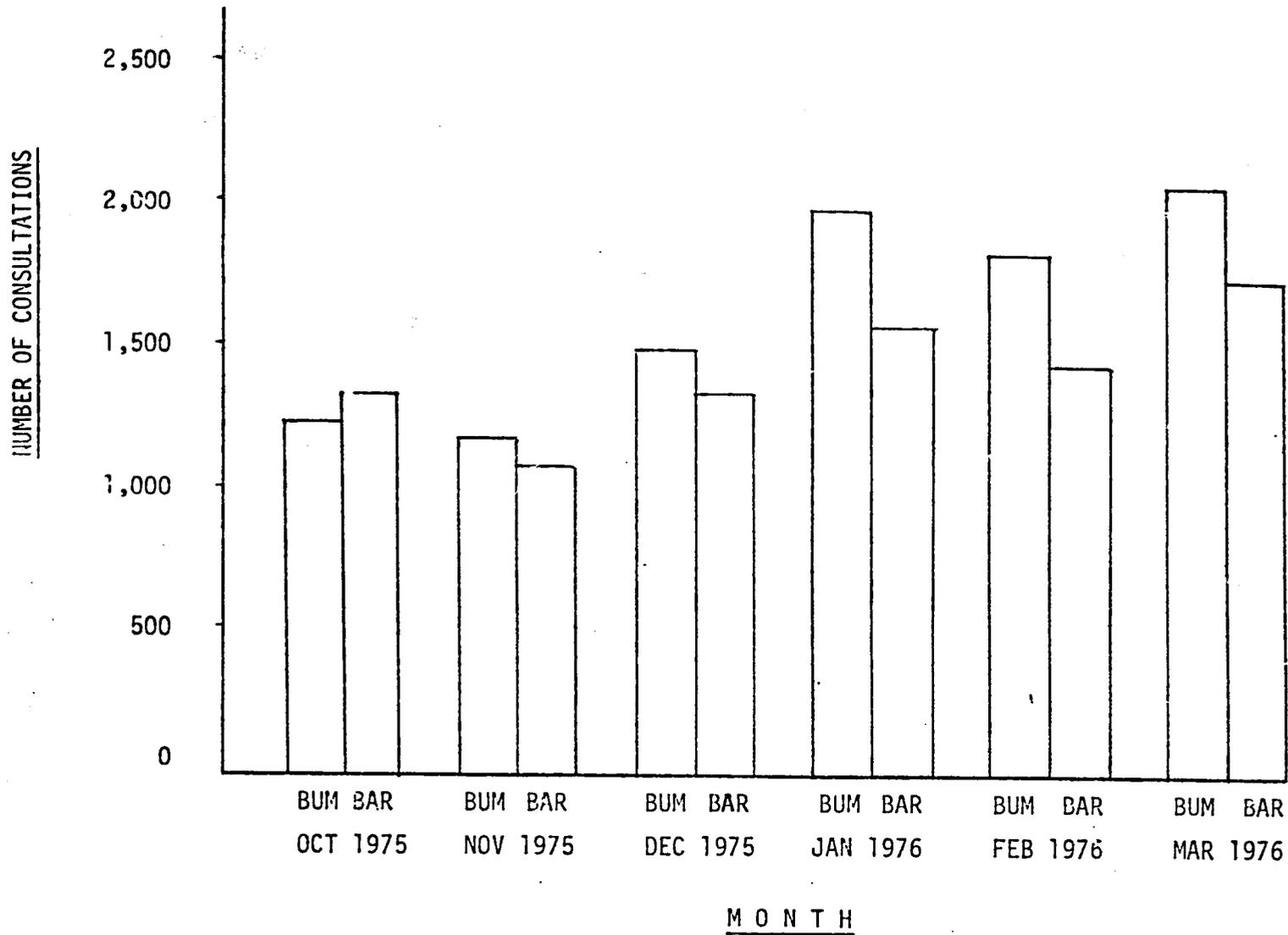
FIGURE 1 c



Number of Consultations at the Under-5 Clinic by Month and by MCH Center
Bumbu and Barumbu MCH Centers / Zaire - October 1975 - March 1976

ORT/MCH

FIGURE 1 d



Number of Consultations at the Pre-Natal Department by Month and by MCH Center
Bumbu and Barumbu MCH Centers / Zaire - October 1975 - March 1976

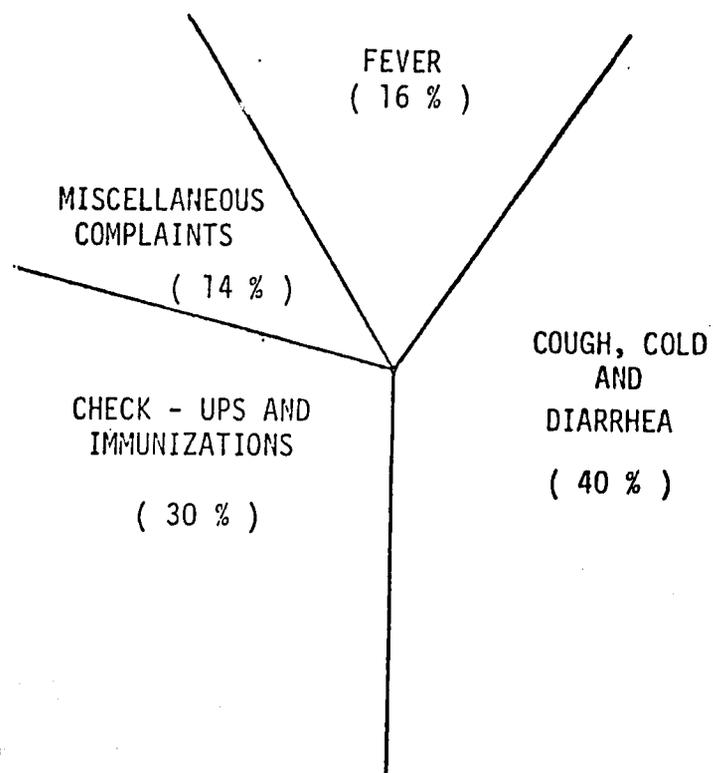
ORT/MCH

(N = 193)

FIGURE 2

REASON FOR VISITING UNDER-5 CLINIC

BUMBU MCH CENTER / KINSHASA, ZAIRE

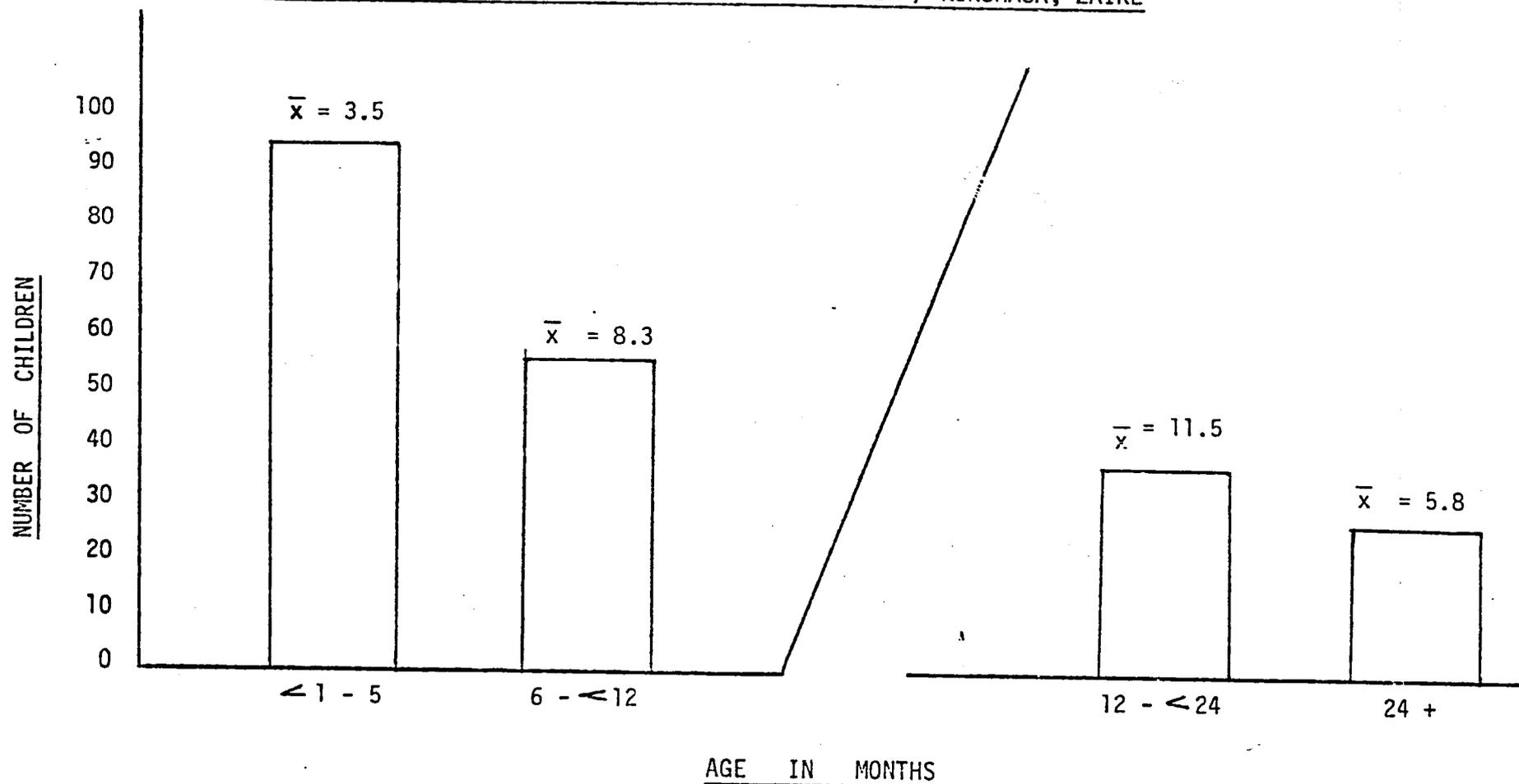


ORT/MCH
March 1976 Evaluation

FIGURE 3

NUMBER OF CHILDREN BY AGE IN MONTHS VISITING AN UNDER-5 CLINIC
WITH AVERAGE NUMBER OF VISITS PER AGE GROUP

15 MARCH - 19 MARCH 1976 - BUMBU MCH CENTER / KINSHASA, ZAIRE



N = 193

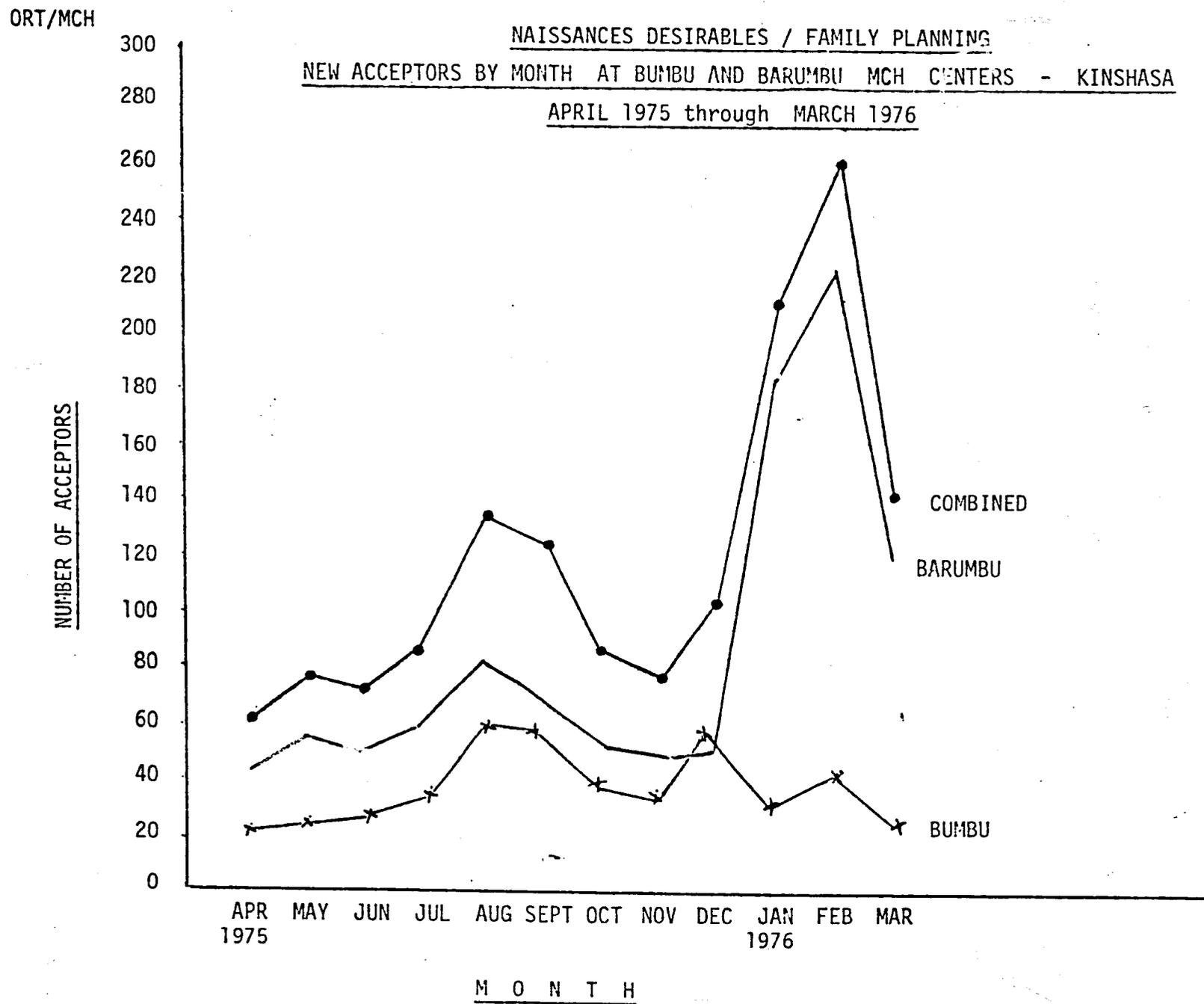
Average Age = 10.75 Months

Median Age = < 8 Months

(\bar{x} = Average Number of Visits per Age Group)

ORT/MCH
March 1976 Evaluation

FIGURE 4



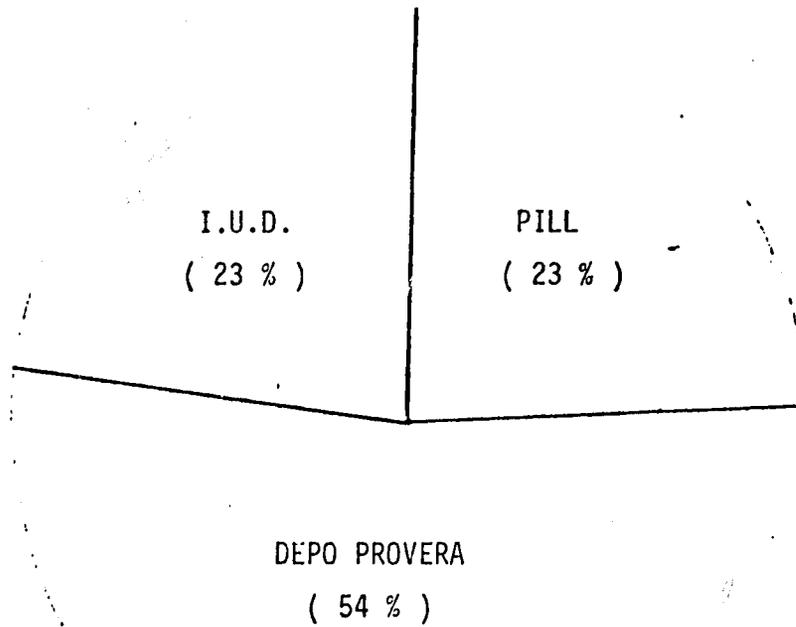
(N = 26)

FIGURE 5

DISTRIBUTION OF METHOD OF CONTRACEPTION

FAMILY PLANNING CLINIC

BUMBU MCH CENTER / KINSHASA, ZAIRE



ORT/MCH
March 1976 Evaluation