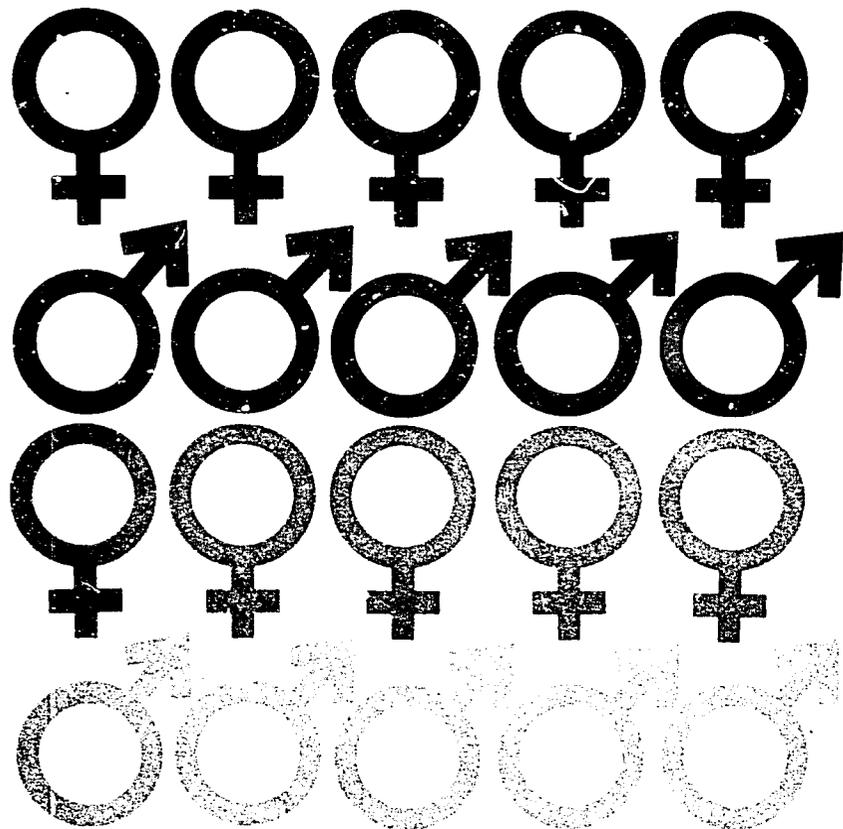

AFRICA

Angola

Selected Statistical Data by Sex



Economic and Social Data Services Division
Development Information Utilization Service
Office of Evaluation
Bureau for Program and Policy Coordination
U.S. Agency for International Development
Washington, D.C. 20523

Table of Contents

Introduction.....	i
Foreword.....	iii
Tables:	
1. Unadjusted Population by Age, Sex and Urban/Rural Residence (earlier census)	
2. Unadjusted Population by Age, Sex and Urban/Rural Residence (latest census)	
3. Adjusted Population by Age and Sex (earlier census)	
4. Adjusted Population by Age and Sex (latest census)	
5. Population by Province, Sex and Urban/Rural Residence	
6a. Population by Ethnic Group, Sex and Urban/Rural Residence	
6b. Population by Religion, Sex and Urban/Rural Residence	
6c. Population by Nationality, Sex and Urban/Rural Residence	
6d. Population by Language, Sex and Urban Rural Residence	
7. Life Expectancy at Selected Ages, by Sex and Urban/Rural Residence	
8. Selected Mortality Measures, by Sex and Urban/Rural Residence	
9. Percent of Native-born Population Born Outside of Province of Current Residence, by Age and Sex	
10a. Total Population 10 Years Old and Over, by Marital Status, Age and Sex	
10b. Urban Population 10 Years Old and Over, by Marital Status, Age and Sex	
10c. Rural Population 10 Years Old and Over, by Marital Status, Age and Sex	
11. Minimum Legal Age at Marriage and Age at which Specified Percent are Ever Married, by sex and Urban/Rural Residence	
12. Number of Households by Size, Mean Size and Median Size, by Urban/Rural Residence	
13. Heads of Household 10 Years Old and Over, by Age, Sex and Urban/Rural Residence	
14a. Age-Specific Fertility Rates (per 1,000 women), by Urban/Rural Residence	
14b. Selected Fertility Measures, by Urban/Rural Residence	
15a. Number of Literate Persons 10 Years Old and Over, by Age, Sex and Urban/Rural Residence	
15b. Population Bases for Percentages in Table 15c,	
15c. Percentage Literate 10 Years Old and Over, by Age, Sex, and Urban/Rural Residence	
16a. Number of Persons Enrolled in School 5 to 24 Years Old, by Age, Sex and Urban/Rural Residence	
16b. Population Bases for Percentages in Table 16c	
16c. Percentage Enrolled in School 5 to 24 Years Old, by Age, Sex and Urban/Rural Residence	
17a. Number of Economically Active Persons 10 Years Old and Over, by Age, Sex and Urban/Rural Residence	
17b. Population Bases for Percentages in Table 17a	
17c. Percentage Economically Active 10 Years Old and Over, by Age, Sex and Urban/Rural Residence	
18. Economically Active Population by Status in employment, Sex and Urban/Rural Residence	
19. Income Distribution and Median Income (in _____), by Sex, and Urban/Rural Residence	
Appendix A: Women in Development Countries.....	A-1
Appendix B: A List of Variables Used in the "Women in Development" Tables.....	A-3
Appendix C: Table Characteristics.....	A-4
Appendix D: Objective/Scope of Work.....	A-5
Appendix E: A Cautionary Note Regarding the Use of Employment Statistics for Women.....	A-7
Appendix F: Order Form - Center for International Research.....	A-11
User Comments Forms.....	A-12

INTRODUCTION TO THE DATA BASE IN THIS BOOKLET

The United States Bureau of the Census (BuCen) recently updated a data base project, sponsored by the AID Women in Development Office (PPC/WID), which, drawing on existing data sources, provides AID with data disaggregated by sex, age and urban-rural residence for a variety of variables including demographic, education, health, household, income and employment. The purpose of the project was to capture and make accessible, in a convenient single location, statistical data from existing sources relevant to a better understanding of the status and roles of women in AID-participating countries. The scope of work included a data search of 120 countries with a population of 5 million or more. A listing of the countries for which searches were conducted is provided in Appendix A. A listing of the variables searched is provided in Appendix B. Appendix C presents a summary of the table characteristics for the country under review. The most commonly used sources were national censuses and surveys, statistical abstracts, and international compendia (e.g., publications from the United Nations, the Latin American Demographic Center, the International Labor Organisation, and so forth). Each table is in a format which permits the footnoting of sources and important definitions. Further annotation is often included to indicate instances where data availability deviates significantly from the standard table outline, or where concepts and definitions used in collection or tabulation differ from internationally recommended standards.

BuCen researchers were concerned with recording "hard", reliable data. Census data were generally accepted as valid. Survey data were used if they had been judged reliable by the country analysts in the BuCen Center for International Research. Projections were not used and estimates or questionable measures were generally avoided. If, of necessity, the latter were employed, caveats appear in the footnotes.

A major product of this effort is a computerized data file suitable for analysis using standard statistical packages, e.g., Statistical Package for the Social Sciences (SPSS) and Statistical Analysis System (SAS). Data for all 120 countries are available on a single tape. A standard tape file format was prepared for all 19 tables. Information concerning the record layouts (formats) for the various types of data as well as information regarding data-file specifications is available. Beyond the basic tabular data, the tapes indicate source references, concept definitions, and any qualifying information which should be considered by the user. The computerized data file is available for use by Agency personnel on the AID computer. Arrangements for Agency users should be made through the Economic and Social Data Services Division, Development Information Utilization Service, Office of Evaluation (PPC/E-DIU-ESDS). The data file is also available on magnetic tape from the BuCen. Requests should be addressed to Chief, Center For International Research, U. S. Bureau of the Census, Washington, D. C. 20233 (for order form see Appendix F).

The Economic and Social Data Services Division of PPC/E is making updated copies of the data available in hard copy booklet form, on a country-specific basis. Each country booklet contains a complete set of computer printout tables for the variables searched for that country. In those cases where the data search failed to uncover data for a variable, the table(s) appears blank in the country booklet. Copies of these country-specific booklets are available upon request from the AID Development Information Utilization Service, Office of Evaluation (PPC/E-DIU/ESDS).

Census data on women exhibit certain limitations and biases which must be taken into account if the statistics are to be interpreted appropriately. Some of these biases are noted in the FOREWORD which follows. Appendix E, "A Cautionary Note Regarding Use of Employment Statistics for Women," by Nadia Youssef, expands on the difficulties surrounding the use of women's statistics in the important area of employment.

Finally, several tear-out copies of Reader Comments forms have been bound into this volume for use in submitting user reactions and suggestions to the PPC/E-DIU/ESDS in AID/Washington. We would appreciate hearing from you. Every effort will be made to improve upon the present volume so that succeeding editions become progressively more useful.

FOREWORDBackground(a) The International Context

The decade of the seventies witnessed a growing international movement directed towards improvement in the status and roles of women worldwide. Increasingly, it became widely recognized and accepted that, while class or social ranking is a general or basic factor in all people's fate in life, women face a special problem in that there are two systems of stratification in operation. The second system concerns women's position vis-a-vis men in public and private life. It is in this sense that women are confronted with problems of discrimination peculiar to them, and it is this universal problem that lay behind the designation of the International Women's Year in 1975, followed by the current United Nations Decade for Women (1975-1985). A more recent milestone in this international women's movement was reached when, on 18 December 1979, the United Nations General Assembly adopted by a vote of 130 in favor, none against, with 11 abstentions and 11 Member States non-voting, The Convention on the Elimination of All Forms of Discrimination Against Women. Eighty-one nations are now signatories to the Convention and ratification proceedings are underway in these countries.

(b) The Situation in AID

During this same time, within the Agency for International Development, awareness of women as they impacted on, and were affected by, the development process also grew. Reports depicting women as victims of the development process appeared with increasing frequency, as did reports that the contributions of women to the development process were being consistently overlooked.*

Special concern for the status and roles of women was initially provided explicit recognition in the Agency policy framework, in 1973, in Sec. 113 of the Foreign Assistance Act, otherwise known as the Percy Amendment.

*This perspective was also incorporated in the conceptual framework underlying the Programme of Action for the Second Half of the United Nations Decade for Women which states, in part: "It can be argued that the predominant economic analyses of labor and capital insufficiently trace the linkages between production systems in world economics and women's work as producers and reproducers; nor is the subjection, exploitation, oppression and domination of women by men, sufficiently explained in history."
(UN: A/Conf. 94/34, 13 August 1980, p. 6)

That amendment mandated that Foreign Assistance "shall be administered so as to give particular attention to those programs, projects and activities which tend to integrate women into the national economies of developing countries, thus improving their status and assisting the total development effort."

While the Percy Amendment dealt specifically with women, other broader changes occurring within the Agency (as well as within the development community generally) indirectly spotlighted the situation of women. First, the AID "new directions" mandate of 1973 focussed attention on issues of distribution and equity in the growth process. Secondly, the "new directions" approach was supplemented mid-decade with the "basic human needs" emphasis. Both orientations pushed toward greater concern for women in the process of societal change. This is the case because (1) women make up a disproportionately large portion of the poorest of the poor, and (2) women commonly bear the major responsibility for supplying themselves and their families with food, water, fuel, health care, sanitation, education, and so forth. Women are, in effect, simultaneously the group most in need and the "front line" providers of basic human needs. Development projects that overlook or misconstrue their capabilities and contributions run the serious risk of being ineffective or, even worse, counterproductive.*

(c) Data Needs on Women

Planners and administrators who have recognized the need to take women into account, both as contributors to, and/or beneficiaries of, the development process, are often frustrated by the lack of solid, accessible statistical evidence of women's situations. In the absence of reliable data, decisions must be made on the basis of impressions, hunches, or even prejudices. At stake are substantial investments of both human and financial resources. Data bases which fail to address the unique situations of women provide little guidance for policy planning, and little basis for judging the results of initiatives taken to further women's integration in development. Hence the crucial need for a reliable, up-to-date, accessible data base on women in development.

Within the Agency, it is now generally recognized that beginning with the policy stage and continuing through the project programming, implementation and evaluation cycle, data must be obtained which reflect the differential conditions of men and women. The assumption that when benefits and costs accrue to production aggregates (ranging from nations to households), they will be felt in some comparable way by the various units (ranging from subgroup to individuals) of which they are comprised, has proven patently false. Many projects now require the gathering of baseline socioeconomic data pertinent to women's status, e.g., the sexual division of labor, decision-making in the household, the pattern of expenditure of household cash earnings and so forth. Project evaluations and impact assessments increasingly focus on

*See, for example, The Nemow Case, Case Studies of the Impact of Large Scale Development Projects on Women: A Series for Planners, Working Paper No. 7, September 1979, Agency for International Development, Washington,

changes in the differential access of men and women to both the means and fruits of production.*

(d) Problems and Prospects

Problems with the statistical data base on women and women's situations in society emerge from two theoretically distinct sources. One set of problems arises from the concepts and indicators which have been used in the construction of the data base. For example, there are intrinsic limitations to operational definitions of concepts and measurements designed to capture employment trends in census practices. These combine with cultural biases against women's employment, and together result in the underreporting and undercounting of women's participation in the market place.** Too often the economic value of what women do in the home and subsistence production is given short shrift in census and many survey data. Necessary changes in the concepts and the operations of data gatherers represent a challenge extending into the future, although some measure of improvement is possible in the short run in some areas.

A second set of problems with the statistical data base on women arises from the lack of availability of data at appropriate levels of aggregation; i.e., data are not disaggregated by sex. Although census and survey data have frequently been collected in such a way as to allow the tabulation of responses separately for men and women, because of the past insensitivity to questions concerning differing conditions and responses by sex, separate tabulations have either not been made or have not been reported. This is an area where improvements can be made within relatively short time periods.

One of the goals adopted by the Office of Women in Development (WID) in AID*** is improvements in the collection, reporting and analysis of data concerning the status of women in society and their role in national development. In order to further the goal of reliable information on women in development issues, the WID Office has been supporting a variety of efforts to develop a reliable and internationally comparable data base in these areas. One of these efforts has been to examine existing data sources, and, where possible, provide tabulations of the information separately by sex. The data presented in this series of country booklets represent the product of that effort.

*Assessing the Impact of Development Projects on Women, A.I.D. Program Evaluation Discussion Paper No. 8, Bureau for Program and Policy Coordination, Agency for International Development, May, 1980.

**Limitations and biases regarding employment statistics for women are discussed in Appendix E, "A Cautionary Note Regarding Use of Employment Statistics for Women."

***The Women in Development Office was established within the Agency to help meet the objectives of the Percy Amendment.

It is clearly recognized that the data captured in this project do not represent an ideal or complete set of information on the status and role of women necessary for project and/or program needs.* Rather they reflect to a substantial degree what is currently accessible to the research team members. We do feel, however, that it may be useful to publicize basic data available to AID missions, generalists in the development community, and program planners who may be interested in comparisons within regions and comparisons between men and women. In addition we hope this kind of presentation will help create a demand for more detailed and sophisticated information on women in the future, especially if future publications point out current gaps in information.

An assumption underlying the project was that the availability of data on women in developing countries might remind planners of the importance of incorporating women in their programs, help suggest programs and speed up the orientation of more development programs toward women. In other words, the project was expected to have a "consciousness-raising" function.

A more specific concern however, was to build up a solid set of data on characteristics of women in developing countries which could be updated when new information became available. The 1980 round of censuses will provide more information as will the country specific studies now being done in many countries. The data base does provide a solid benchmark of what was available from the 1970s and can serve as a source for future comparisons.

*Because of their lack of detail, the data would not be very useful for project planning. It is possible some AID field missions, especially those with smaller staffs, will use the information in their annual Country Development Strategy Statement (CDSS) although many missions may be closer to the data for their own country than the compilers in Washington could be. Regional comparisons might re-emphasize the continued existence of certain problems, e.g., the relatively low life expectancy of females in South Asia.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 1. UNADJUSTED POPULATION BY AGE, SEX AND URBAN/RURAL
RESIDENCE, 1960. ANGOLA

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	URBAN TOTAL	URBAN MALE	URBAN FEMALE	RURAL TOTAL	RURAL MALE	RURAL FEMALE
TOTAL	1830449	2459015	2371434	512543	A	A	4317906	A	A
0-4	828086	409192	418894	A	A	A	A	A	A
5-9	716463	367892	342571	A	A	A	A	A	A
10-14	472829	259626	213203	A	A	A	A	A	A
15-19	378585	206566	172019	A	A	A	A	A	A
20-24	417917	208861	209056	A	A	A	A	A	A
25-29	441065	215718	225347	A	A	A	A	A	A
30-34	368813	175417	193396	A	A	A	A	A	A
35-39	321857	160882	160975	A	A	A	A	A	A
40-44	249393	123973	125420	A	A	A	A	A	A
45-49	193139	99283	93856	A	A	A	A	A	A
50-54	135581	67760	67821	A	A	A	A	A	A
55-59	92805	48889	43916	A	A	A	A	A	A
60-64	90343	44274	46069	A	A	A	A	A	A
65 AND OVER	124757	68244	56513	A	A	A	A	A	A
UNKNOWN	4816	2438	2378	A	A	A	A	A	A

01 SOURCE: UNITED NATIONS, 1979, DEMOGRAPHIC YEARBOOK
HISTORICAL SUPPLEMENT, NEW YORK, TABLES 2 AND 3.

02 DE JURE POPULATION.

03 URBAN IS DEFINED AS AGGLOMERATIONS OF 2,000 OR MORE INHABITANTS.

A DATA NOT AVAILABLE.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 2. UNADJUSTED POPULATION BY AGE, SEX AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE
TOTAL	5250200C	2723700C	2526500C
0-4	882759	444216	438543
5-9	836018	441277	394741
10-14	626428	341878	284550
15-19	463076	247979	215097
20-24	448422	231936	216486
25-29	390272	196537	193735
30-34	382705	182676	200029
35-39	303136	151579	151557
40-44	265962	135166	130796
45-49	168968	88962	80006
50-54	149500	73756	75744
55-59	99603	51990	47613
60-64	101410	55395	46015
65 AND OVER	131889D	80340D	51549D
UNKNOWN	0	0	0

01 SOURCE: PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLES A4-A6.

02 DATA IN TABLE 2 REFER TO THE BLACK POPULATION ONLY. A TOTAL 1970 POPULATION FIGURE OF 5,620,001 WAS REPORTED IN C.A. DA COSTA CARVALHO, 1979, POPULATION SIZE EVALUATION IN AFRICAN COUNTRIES-ANGOLA, MONOGRAPH NO. 2, GROUPE DE DEMOGRAPHIE AFRICAINE, PARIS, TABLE 3. A FIGURE FOR THE BLACK CENSUS POPULATION IN 1960 WAS 4,604,362 PERSONS.

C ONLY ROUNDED TOTALS ARE GIVEN IN THE SOURCE.

D INCLUDES ROUNDED POPULATION 75 YEARS OLD AND OVER.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 3. ADJUSTED POPULATION BY AGE AND SEX: 1960. ANGOLA

01 SEARCH CONDUCTED BUT NO BENCHMARK DATA FOUND. ADJUSTED POPULATIONS BASED ON THE DEMENY-SHORTER METHOD ARE PRESENTED IN PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLES 8-10. HOWEVER, THE ADJUSTED SEX RATIO FOR AGES 0-4 YEARS RANGES FROM 122.8 TO 124.4 MALES PER 100 FEMALES (COMPARED TO 97.5 FOR THE ENUMERATED POPULATION), WHICH THE AUTHOR POINTS OUT IS MUCH HIGHER THAN OBSERVED IN MOST COUNTRIES (P.34).

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 4. ADJUSTED POPULATION BY AGE AND SEX, 1970. ANGOLA.

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 5. POPULATION BY DISTRICT, SEX AND URBAN/RURAL RESIDENCE,
1970. ANGOLA

DISTRICT	TOTAL TOTAL
TOTAL	5673046
CABINDA	80857
ZAIRE	41766
VIGE	386037
LUANDA	560589
CUANZA-NORTE	298062
CUANZA-SUL	458592
MALANJE	558630
LUNDA	302538
BENGUELA	474897
HUAMBO	837627
BIE	650337
MOXICO	213119
CUANDO CUBANGO	112073
MOCAMEDES	53058
HUILA	644864

- 01 SOURCE: RENEE PELISSER, 1974, CONSEQUENCES DEMOGRAPHIQUES
DES REVOLTES EN AFRIQUE PORTUGAISE (1961-1970),
ESSAI D'INTERPRETATION, REVUE FRANCAISE D'HISTOIRE D'OUTRE-MER,
VOL. LXI, NO. 222, TABLE 4.
- 02 PROVISIONAL DATA.
- 03 THE REASON FOR THE DIFFERENCE BETWEEN THE TOTAL FIGURE SHOWN
HERE AND THAT SHOWN IN TABLE 6A HAS NOT BEEN DETERMINED.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 6A. POPULATION BY RACE, SEX AND URBAN/RURAL RESIDENCE: 1970.
ANGOLA

RACE	TOTAL TOTAL
TOTAL	5620001
BLACKS	5250174
WHITES	280101
HALF CASTES	89337
OTHERS	389

- 01 SOURCE: C.A. DA COSTA CARVALHO, POPULATION SIZE
EVALUATION IN AFRICAN COUNTRIES-ANGOLA, GROUPE DE DEMOGRAPHIE
AFRICAIN, MONOGRAPH NO. 2, PARIS, TABLE 3.
- 02 THE REASON FOR THE DIFFERENCE BETWEEN THE TOTAL FIGURE SHOWN
HERE AND THAT SHOWN IN TABLE 5 HAS NOT BEEN DETERMINED.

(7)
U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 6B. POPULATION BY RELIGION, SEX AND URBAN/RURAL RESIDENCE,
1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 6C. POPULATION BY NATIONALITY, SEX AND URBAN/RURAL
RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DETAILED DATA FOUND. IN 1966, 99.9 PERCENT OF THE POPULATION WAS CONSIDERED TO BE PORTUGUESE; SINCE ANGOLA WAS THEN A PORTUGUESE COLONY. OF THESE PORTUGUESE, 97.4 PERCENT WERE BORN IN ANGOLA (PORTUGAL PROVINCIA DE ANGOLA, DIRECCIO DOS SERVICOS DE ESTATISTICA, 1968, ANUARIO ESTATISTICO 1966, LUANDA, ANGOLA, P. 27).

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 6D. POPULATION BY LANGUAGE, SEX AND URBAN/RURAL RESIDENCE,
1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASETABLE 7. LIFE EXPECTANCY AT SELECTED AGES, BY SEX AND
URBAN/RURAL RESIDENCE, 1960-70. ANGOLA

01 SEARCH CONDUCTED BUT NO RELIABLE DATA FOUND. EXPECTATIONS OF LIFE AT BIRTH OF 23.5 AND 26.0 WERE ESTIMATED FOR BLACK MALES IN THE PERIOD 1960-70 BASED ON CUMULATIVE INTERCENSAL SURVIVAL ANALYSIS BASED ON THE COALE AND DEMENY NORTH AND WEST MODELS RESPECTIVELY (PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLE 17). HOWEVER, THE HIGH DEGREE OF POLITICAL INSTABILITY, THE WAR OF LIBERATION, AND THE MIGRATION MOVEMENTS IN THE PERIOD MAKE THE USE OF THIS TECHNIQUE QUESTIONABLE. THE SAME SOURCE (TABLE 20) PRESENTS ESTIMATES OF MORTALITY BASED ON CHILD SURVIVAL TECHNIQUES USING DATA FROM THE 1940 CENSUS WHICH IMPLY INFANT MORTALITY RATES OF OVER 200 PER 1,000 LIVE BIRTHS.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASETABLE 8. SELECTED MORTALITY MEASURES, BY SEX AND URBAN/RURAL
RESIDENCE, 1970. ANGOLA

- 01 SEARCH CONDUCTED BUT NO BENCHMARK DATA FOUND. ANALYSIS OF DATA FROM THE CENSUSES OF 1940, 1950, AND 1960, BASED ON VARIOUS TECHNIQUES, RESULTS IN ESTIMATED CRUDE DEATH RATES OF OVER 30 PER 1,000 FOR THE PERIOD UP TO 1960 (PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLES 18, 19, 26, 27, 29, AND 31).
- 02 THE SAME SOURCE (TABLE 20) PRESENTS ESTIMATES OF MORTALITY BASED ON CHILD SURVIVAL TECHNIQUES USING DATA FROM THE 1940 CENSUS WHICH IMPLY INFANT MORTALITY RATES OF OVER 200 PER 1,000 LIVE BIRTHS.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 9. PERCENT OF NATIVE-BORN POPULATION BORN OUTSIDE OF PROVINCE
OF CURRENT RESIDENCE, BY AGE AND SEX, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO RECENT DATA AVAILABLE. DATA FOR 1960 ARE
PRESENTED IN PORTUGAL PROVINCIA DE ANGOLA, DIRECCIO DOS SERVICOS
DE ESTATISTICA, 1968, ANUARIO ESTATISTICO 1966, LUANDA, ANGOLA,
PP. 30-31.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 10A. TOTAL POPULATION 15 YEARS OLD AND OVER, BY MARITAL STATUS, AGE, AND SEX, 1970. ANGOLA

SEX AND AGE	TOTAL	SINGLE	MARRIED	CONSENSUAL	WIDOWED	SEP/DIV.	NOT STATED
TOTAL, BOTH SEXES	2904900	765100	1986200	0	135800	17900	0
TOTAL MALES	1496300	508200	949900	0	35500	4700	0
15-19	248000	229100	18600	0	200	100	0
20-24	231900	135200	95300	0	900	500	0
25-29	196500	56200	138000	0	1800	600	0
30-34	182700	31200	148500	0	2200	700	0
35-39	151600	20200	128700	0	2100	600	0
40-44	135200	10900	120700	0	3000	500	0
45-49	89000	6700	79400	0	2400	500	0
50-54	73800	4700	65500	0	3200	300	0
55-59	52000	4200	44700	0	2800	300	0
60 AND OVER	135700	9800	110500	0	14900	500	0
TOTAL FEMALES	1408600	256900	1036300	0	102200	13200	0
15-19	215100	138300	75700	0	400	600	0
20-24	216500	37200	174900	0	2200	2200	0
25-29	193700	22500	166400	0	2900	1900	0
30-34	200000	17400	175800	0	4600	2200	0
35-39	151600	15200	129900	0	4800	1700	0
40-44	130800	6100	115100	0	8100	1400	0
45-49	80000	3700	67300	0	8100	1000	0
50-54	75700	4800	55900	0	14100	900	0
55-59	47600	3600	31900	0	11500	500	0
60 AND OVER	97600	8000	43300	0	45500	800	0

01 SOURCES: CALCULATED AT THE U.S. BUREAU OF THE CENSUS BASED ON 1970 CENSUS DATA ON THE PERCENTAGES OF MEN AND WOMEN OF KNOWN MARITAL STATUS IN EACH AGE GROUP, AS REPORTED IN PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLE 37, AND ON THE 1970 CENSUS POPULATION, BY AGE AND SEX, AS REPORTED IN CARLOS A. DA COSTA CARVALHO, 1979, POPULATION SIZE EVALUATION IN AFRICAN COUNTRIES-ANGOLA, MONOGRAPH NO. 2, GROUPE DE DEMOGRAPHIE AFRICAINE, PARIS, TABLE 3.

02 DATA REFER TO THE BLACK POPULATION ONLY.

03 NO MARITAL STATUS DATA WERE REPORTED FOR THE CATEGORIES 'NOT STATED' OR 'POPULATION UNDER AGE 15.' CONSENSUAL UNIONS ARE PRESUMABLY INCLUDED IN THOSE CLASSIFIED AS MARRIED. FIGURES MAY NOT SUM TO TOTALS DUE TO ROUNDING.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 10B. URBAN POPULATION 15 YEARS OLD AND OVER, BY MARITAL
STATUS, AGE, AND SEX, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 10C. RURAL POPULATION 15 YEARS OLD AND OVER, BY MARITAL
STATUS, AGE, AND SEX, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 11. MINIMUM LEGAL AGE AT MARRIAGE AND AGE AT WHICH SPECIFIED PERCENT ARE EVER MARRIED, BY SEX AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

ITEM	TOTAL MALE	TOTAL FEMALE
MINIMUM LEGAL AGE	A	A
AGE 25% EVER MARR.	20	17
AGE 50% EVER MARR.	23	18
AGE 75% EVER MARR.	28	20

01 SOURCE: FIGURES FOR PERCENT EVER MARRIED WERE DERIVED AT THE U.S. BUREAU OF THE CENSUS BY APPLYING THE MAKEHAM MODEL TO MARITAL STATUS DATA FROM THE 1970 CENSUS AS REPORTED IN PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLE 37.

A DATA NOT AVAILABLE.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 12. NUMBER OF HOUSEHOLDS BY SIZE, MEAN SIZE AND MEDIAN SIZE,
BY URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 13. HEADS OF HOUSEHOLD 10 YEARS OLD AND OVER, BY AGE, SEX
AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASETABLE 14A. AGE-SPECIFIC FERTILITY RATES (PER 1,000 WOMEN), BY
URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO RELIABLE DATA FOUND. AGE-SPECIFIC FERTILITY RATES FOR 1940, 1950, AND 1960, ESTIMATED USING DATA ON CHILDREN EVER BORN, RESULT IN TOTAL FERTILITY RATES OF 3.7 TO 4.2, WHICH ARE MUCH BELOW THE VALUES EXPECTED BASED ON OTHER ANALYSES (PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLE 24).

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 14B. SELECTED FERTILITY MEASURES, BY URBAN/RURAL
RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO RELIABLE DATA FOUND. ANALYSIS OF DATA FROM THE CENSUSES OF 1940, 1950, AND 1960, BASED ON VARIOUS TECHNIQUES, RESULTS IN ESTIMATED CRUDE BIRTH RATES OF AT LEAST 45 PER 1,000 POPULATION, TOTAL FERTILITY RATES OF AT LEAST 5.9 AND GROSS REPRODUCTION RATES OF AT LEAST 3.0 (PORTUGAL INSTITUTO NACIONAL DE ESTATISTICA, 1979, LA POPULATION NOIRE DE L'ANGOLA, BY CARLOS A. DA COSTA CARVALHO, CADERNO NO. 6, TABLES 19, 26, 27, 29, AND 31).

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 15A. NUMBER OF LITERATE PERSONS 10 YEARS OLD AND OVER, BY
AGE, SEX AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO RECENT DATA FOUND. DATA FROM 1950 SHOW THAT ONLY 4.3 PERCENT OF MALES AND 1.8 PERCENT OF FEMALES COULD READ AND WRITE PORTUGUESE (UNESCO, 1977, STATISTICS OF EDUCATIONAL ATTAINMENT AND ILLITERACY 1945-1974, STATISTICAL REPORTS AND STUDIES, NO. 2, PARIS, TABLE 6).

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 15B. POPULATION BASES FOR PERCENTAGES IN TABLE 15C, 1970.
ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 15C. PERCENTAGE LITERATE 10 YEARS OLD AND OVER, BY AGE,
SEX, AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO RECENT DATA FOUND. DATA FROM 1950 SHOW THAT ONLY 4.3 PERCENT OF MALES AND 1.8 PERCENT OF FEMALES COULD READ AND WRITE PORTUGUESE (UNESCO, 1977, STATISTICS OF EDUCATIONAL ATTAINMENT AND ILLITERACY 1945-1974, STATISTICAL REPORTS AND STUDIES, NO. 2, PARIS, TABLE 6).

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 16A. NUMBER OF PERSONS ENROLLED IN SCHOOL 5 TO 24 YEARS OLD,
BY AGE, SEX AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 16B. POPULATION BASES FOR PERCENTAGES IN TABLE 16C, 1970.
ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 16C. PERCENTAGE ENROLLED IN SCHOOL 5 TO 24 YEARS OLD, BY AGE,
SEX, AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 17A. NUMBER OF ECONOMICALLY ACTIVE PERSONS 15 YEARS OLD AND
OVER, BY AGE, SEX AND URBAN/RURAL RESIDENCE, 1970.
ANGOLA

- 01 SEARCH CONDUCTED BUT NO RECENT NATIONAL-LEVEL DATA FOUND. DATA FROM THE 1960 CENSUS INDICATE THAT 53.3 PERCENT OF MALES AND 4.7 PERCENT OF FEMALES WERE ECONOMICALLY ACTIVE (INTERNATIONAL LABOUR OFFICE, 1976, YEARBOOK OF LABOUR STATISTICS 1976, GENEVA, TABLE 1).
- 02 DATA FROM THE 1970 CENSUS FOR 9 OF THE 15 DISTRICTS ARE PRESENTED IN UNITED NATIONS, 1980, DEMOGRAPHIC YEARBOOK 1979, NEW YORK, TABLE 36. THESE FIGURES SHOW A TOTAL OF 600,644 MALES AND 107,356 FEMALES AGES 15 AND OVER AS ECONOMICALLY ACTIVE.
- 03 THE DEFINITION OF ECONOMICALLY ACTIVE CONFORMS TO THE ILO STANDARD.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 17B. POPULATION BASES FOR PERCENTAGES IN TABLE 17C, 1970.
ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 17C. PERCENTAGE ECONOMICALLY ACTIVE 15 YEARS OLD AND OVER,
BY AGE, SEX, AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO NATIONAL-LEVEL DATA FOUND. DATA FROM THE
1970 CENSUS FOR 9 OF ANGOLA'S 15 DISTRICTS ARE PRESENTED IN UNITED
NATIONS, 1980, DEMOGRAPHIC YEARBOOK 1979, NEW YORK, TABLE 36. THESE
FIGURES SHOW 91.2 PERCENT OF THE MALES AND 19.0 PERCENT OF THE FEMALES
AGES 15 YEARS AND OVER AS ECONOMICALLY ACTIVE.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 18. ECONOMICALLY ACTIVE POPULATION BY STATUS IN EMPLOYMENT,
SEX AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

U.S. BUREAU OF THE CENSUS, CENTER FOR INTERNATIONAL RESEARCH
WOMEN IN DEVELOPMENT DATA BASE

TABLE 19. INCOME DISTRIBUTION AND MEDIAN INCOME (IN KWANZAS), BY
SEX AND URBAN/RURAL RESIDENCE, 1970. ANGOLA

01 SEARCH CONDUCTED BUT NO DATA FOUND.

APPENDIX A

"Women in Development" Countries

AFRICA

Angola
 Benin
 Botswana
 Burundi
 Cameroon
 Cape Verde
 Chad
 Djibouti
 Ethiopia
 The Gambia
 Ghana
 Guinea
 Guinea Bissau
 Ivory Coast
 Kenya
 Lesotho
 Liberia
 Madagascar
 Malawi
 Mali
 Mauritania
 Mauritius
 Mozambique
 Niger
 Nigeria
 Rwanda
 Sao Tome and Principe
 Senegal
 Seychelles
 Sierra Leone
 Somalia
 South Africa
 Sudan
 Swaziland
 Tanzania
 Togo
 Uganda
 Upper Volta
 Zaire
 Zambia
 Zimbabwe

ASIA/OCEANIA

Australia
 Bangladesh
 Burma
 People's Republic of China
 Republic of China - Taiwan
 Hong Kong
 India
 Indonesia
 Japan
 Kampuchea
 North Korea
 South Korea
 Malaysia
 Nepal
 Pakistan
 Philippines
 Sri Lanka
 Thailand
 Vietnam

EUROPE

Austria
 Belgium
 Bulgaria
 Czechoslovakia
 Denmark
 Finland
 France
 German Democratic Republic
 Federal Republic of Germany
 Greece
 Hungary
 Italy
 Netherlands
 Poland
 Portugal
 Romania
 Spain
 Sweden
 Switzerland
 United Kingdom
 Yugoslavia

Latin America/Caribbean

Argentina
Bolivia
Brazil
Chile
Colombia
Costa Rica
Cuba
Dominican Republic
Ecuador
El Salvador
Guatemala
Guyana
Haiti
Honduras
Jamaica
Mexico
Nicaragua
Panama
Paraguay
Peru
Venezuela

Near East/North Africa

Afghanistan
Algeria
Cyprus
Egypt
Iran
Iraq
Israel
Jordan
Lebanon
Morocco
Saudi Arabia
Syria
Tunisia
Turkey
Yemen Arab Republic

North America

Canada
United States

Soviet Union

Soviet Union

APPENDIX B

A List of Variables Used in the "Women in Development" Tables

1. Unadjusted Population by Age, Sex and Urban/Rural Residence (earlier census), 19__
2. Unadjusted Population by Age, Sex and Urban/Rural Residence (latest census), 19__
3. Adjusted Population by Age and Sex (earlier census), 19__
4. Adjusted Population by Age and Sex (latest census), 19__
5. Population by Province, Sex and Urban/Rural Residence, 19__
- 6a. Population by Ethnic Group, Sex and Urban/Rural Residence, 19__
- 6b. Population by Religion, Sex and Urban/Rural Residence, 19__
- 6c. Population by Nationality, Sex and Urban/Rural Residence, 19__
- 6d. Population by Language, Sex and Urban Rural Residence, 19__
7. Life Expectancy at Selected Ages, by Sex and Urban/Rural Residence, 19__
8. Selected Mortality Measures, by Sex and Urban/Rural Residence, 19__ to 19__
9. Percent of Native-born Population Born Outside of Province of Current Residence, by Age and Sex, 19__
- 10a. Total Population 10 Years Old and Over, by Marital Status, Age and Sex, 19__
- 10b. Urban Population 10 Years Old and Over, by Marital Status, Age and Sex, 19__
- 10c. Rural Population 10 Years Old and Over, by Marital Status, Age and Sex, 19__
11. Minimum Legal Age at Marriage and Age at which Specified Percent are Ever Married, by sex and, 19__
Urban/Rural Residence, 19__
12. Number of Households by Size, Mean Size and Median Size, by Urban/Rural Residence, 19__
13. Heads of Household 10 Years Old and Over, by Age, Sex and Urban/Rural Residence, 19__
- 14a. Age-Specific Fertility Rates (per 1,000 women), by Urban/Rural Residence, 19__ to 19__
- 14b. Selected Fertility Measures, by Urban/Rural Residence, 19__
- 15a. Number of Literate Persons 10 Years Old and Over, by Age, Sex and Urban/Rural Residence, 19__
- 15b. Population Bases for Percentages in Table 15c, 19__
- 15c. Percentage Literate 10 Years Old and Over, by Age, Sex, and Urban/Rural Residence, 19__
- 16a. Number of Persons Enrolled in School 5 to 24 Years Old, by Age, Sex and Urban/Rural Residence, 19__
- 16b. Population Bases for Percentages in Table 16c, 19__
- 16c. Percentage Enrolled in School 5 to 24 Years Old, by Age, Sex and Urban/Rural Residence, 19__
- 17a. Number of Economically Active Persons 10 Years Old and Over, by Age, Sex and Urban/Rural Residence, 19__
- 17b. Population Bases for Percentages in Table 17c, 19__
- 17c. Percentage Economically Active 10 Years Old and Over, by Age, Sex and Urban/Rural Residence, 19__
18. Economically Active Population by Status in employment, Sex and Urban/Rural Residence, 19__
19. Income Distribution and Median Income (in ____), by Sex, and Urban/Rural Residence, 19__

APPENDIX C

TABLE CHARACTERISTICS

INTERNATIONAL DEMOGRAPHIC DATA CENTER, U.S. BUREAU OF THE CENSUS
WOMEN IN DEVELOPMENT DATA BASE

COUNTRY 654--ANGOLA

MAY 4, 1983

-----TABLE CHARACTERISTICS-----

	YEAR	ROWS	COLUMNS	STANDARD	NONSTANDARD	BLANK
TABLE 01	1960	16	9		X	
TABLE 02	1970	16	3		X	
TABLE 03	1960	0	0			X
TABLE 04	1970	0	0			X
TABLE 05	1970	16	1		X	
TABLE 06A	1970	5	1		X	
TABLE 06B	1970	0	0			X
TABLE 06C	1970	0	0			X
TABLE 06D	1970	0	0			X
TABLE 07	1970	0	0			X
TABLE 08	1970	0	0			X
TABLE 09	1970	0	0			X
TABLE 10A	1970	23	7		X	
TABLE 10B	1970	0	0			X
TABLE 10C	1970	0	0			X
TABLE 11	1970	4	2		X	
TABLE 12	1970	0	0			X
TABLE 13	1970	0	0			X
TABLE 14A	1970	0	0			X
TABLE 14B	1970	0	0			X
TABLE 15A	1970	0	0			X
TABLE 15B	1970	0	0			X
TABLE 15C	1970	0	0			X
TABLE 16A	1970	0	0			X
TABLE 16B	1970	0	0			X
TABLE 16C	1970	0	0			X
TABLE 17A	1970	0	0			X
TABLE 17B	1970	0	0			X
TABLE 17C	1970	0	0			X
TABLE 18	1970	0	0			X
TABLE 19	1970	0	0			X

COUNTRY FILE CONTAINS THE FOLLOWING TABLE TYPES:

9 STANDARD TABLES
6 NONSTANDARD TABLES
25 BLANK TABLES

APPENDIX D

"A. OBJECTIVE

"The objective of this contract is two-fold: (1) to develop and make accessible a body of reliable and internationally comparable data which will facilitate better understanding of the statuses and roles of women worldwide, and their participation in national development, and (2) to promote institutionalization of WID issues and concerns in national and international census and survey activities. Our purpose is to update, expand and make more relevant and accessible, both now and in the future, the census and survey data available to the Agency and AID participating countries pertinent to Women in Development (WID) issues and concerns.

"B. SCOPE OF WORK

"The contractor will pursue this goal through the accomplishment of a number of basic tasks: (1) expansion of the data base of social, economic and demographic information related to the status and roles of women worldwide; (2) preparation of a hard copy publication(s) providing a worldwide statistical portrait of women, accompanied by interpretative text and an analytical critique of the indicators and the data base as they relate to an understanding of the conditions of women; (3) encouraging through consultation and coordination ongoing and contemplated BuGen programs for statistical training and technical assistance to take into consideration the needs for the conceptualization, design, collection, tabulation and analysis of data pertinent to women in development issues; (4) function as a repository for international WID data and provide dissemination of assembled international WID data base in response to user requests (U. S. and international) utilizing specific transportable medium (tape, card, diskette, etc.) as appropriate, and to include documentation; (5) preparation of special tabulations from census samples and surveys to provide data concerning WID issues which have not previously been available, e.g., micro data from censuses and surveys may be exploited to prepare data on women migrants, women-headed households, male/female income differentials; and (6) compilation of data on subject areas less frequently included in population censuses and general purpose household surveys, e.g., access to credit, political participation.

"Under this new contract agreement BuGen will (1) assess the variables included in the previous stage of work to determine whether new variables should be added to the data base, (2) extend the data capture activities to include, in addition to the 69 AID-participating countries, all countries of 5 million or more population, (3) update the data presented under the previous contract to reflect most recent information available, and (4) drawing on the information presented in this expanded data base, prepare for hard copy publication a worldwide statistical portrait of women using the most recent data available, to include interpretive text and an analytical critique of the data base.

Dissemination and utilization of these data is a primary objective. As indicated above, the data will be made available in two forms: (1) in machine-readable form according to agreed-upon file specifications; and (2) a world handbook, or regional handbooks, which select and display data from the automated file in a maximally useful analytic mode and provide(s) a critique of the data base and indicators. The BuCen will function as repository for these data, and will create a reproductive capacity and disseminate the data in response to user requests, both U. S. and international, in a form consistent with user capabilities.

"An additional priority focus in the contract effort is the institutionalization of an integrated concern and capability for assessing the roles and status of women, in a manner which accurately reflects women's real social and economic contributions and conditions in society, in national and international census and survey data collection, reporting and analysis activities. To this end, BuCen will consult and coordinate with ongoing Census Bureau programs. Examples of these programs are the Census Bureau's regular training programs for population analysis, POPSTAN workshops, assistance to the Economic and Social Commission for Asia and the Pacific (ESCAP) program of national surveys on internal migration and the Survey and Evaluation Unit (SEU) Resource Support Services Agreement (RSSA) agreement with AID to assist AID-participating countries in data collection, processing and compilation efforts and to provide on-the-job training for host country nationals in data collection and information management."

APPENDIX E

A Cautionary Note Regarding the Use of Employment Statistics for Women^{1/}

Nadia H. Youssef
International Center for Research on Women
Washington, D.C.

The Agency's commitment to promoting productive employment as an integral component of its programmatic emphasis has important bearing on development efforts on behalf of women. The relationship between increasing the use of women's economic resources and improving the economic picture of underdevelopment is only now beginning to surface. AID projects have recently begun to address women in their productive role. However, fuller planning efforts are thwarted by the absence in the Third World of a system of statistics showing the reality of women's economic contribution. National censuses, which are the primary source of data for development planning, have up to now consistently undervalued the productive contribution of women to the national economy. Unless corrective action is introduced women will continue to be excluded from social and economic development planning.^{2/}

The perennial problem is that internationally adopted standards, the operational definitions of concepts, and measures of employment are grounded in a system of identification and evaluation of economic activity based on developed and industrialized economies. Methodologically, such an approach is inadequate for developing economies, because it focuses on stable wage-earners and thereby fails to capture the totality of men's and women's productive contributions. The census statistics for women, more than for men, are fraught with ambiguities and sex related biases. This tendency is due to the interaction between two factors: (a) the inappropriate conceptualization of female labor force activity and its underenumeration by means of censuses, and (b) the cultural bias against acknowledging the types and level of work that women perform that leads to distorted reporting and recording of women's contribution to total employment.

The following pages single out some of the limitations intrinsic to current operational definitions and measurement of work in standard census practices.

^{1/} This is a condensed version of a larger paper entitled "Sex-Related Biases in Census Counts" in the report Priorities in the Design of Development Programs: Women's Issues, Bureau of Development Support, AID, Washington, D. C.

^{2/} A basic critique of the situation can be found in the U.N. Secretariat "Sex Biases and National Data Systems," (ST/ESA/STAT/99), (June 1980).

MEASUREMENTS OF WORK: WOMEN'S PRODUCTIVITY

Standard census practices use the labor force approach in collecting data on economic characteristics and in classifying populations as economically "active" or "inactive". According to this approach, the economically active population is identified as 1) at work for pay or profit during a specified brief period, either one week or one day; 2) with a job but not at work, or 3) actively seeking employment. This measure, originally developed in the United States during the Depression to assess the extent of unemployment, fails to capture the reality of working conditions in developing economies for the following reasons: a) much of production is family-based and for home consumption; b) the agricultural cycle generates sharp seasonal variation in activity; c) the length of working days is not uniform; d) most wage work is for daily wages; and e) individuals engage in not one, but a variety of economic activities in the course of a single year.

The flaws intrinsic to this conventional measure are more acute for women than for men because of a deeply entrenched bias against female employment. This bias takes the form of failure to report on the productive contribution of women to economic life, not only through the self-reporting process (because women do not consider their work to be economically important), but also in instructing the interviewer to accept a married woman's designation of herself as a "housewife" (hence to be counted "economically inactive") without further probing into a possible distinction between the economic and non-economic value of the activities she performs.

THE LABOR FORCE APPROACH AND WOMEN WORKERS

A rigorous interpretation of the concept "economic activity", as utilized in the labor force approach, is disadvantageous to women because of the following:

Domestic Production: The concept excludes activities connected with family production which do not result in the actual production of market goods, such as personal services and home consumption goods.

Reference Periods: Women are more likely to be misclassified as economically inactive because the reference period or time frame in which women perform work is often not according to "standard" reference periods used in the census. To facilitate accurate recall, censuses and labor surveys inquire about work performed in the last week or month. Since most men work almost every week or month of the year, the short reference period will accurately reflect men's long-term labor force status. Many women however, work irregularly, since they either constitute a seasonal labor force used to meet agricultural peak labor demands, or in urban areas, they may engage intermittently in informal sector activities.

Subsistence Activities: Women who work in traditional subsistence activities tend to be excluded from the labor force count. Many agricultural societies are characterized by heavy reliance upon traditional subsistence activities, which remain outside the sphere of formal markets although supporting a high proportion of the rural population. Work activities in those traditional societies are family labor, in-kind exchange labor, and labor provided to meet social obligations at the village level. Such work is typically regarded by enumerators as having no economic significance, often because no form of cash is exchanged. Given that the subsistence economy is mostly in female hands, excluding such forms of labor operates to decrease further the number of women reported in the statistics as part of the labor force.

Unpaid Family Workers: The category of "unpaid family labor" is meant to exclude household work such as food preparation, childcare, and care of livestock used for family consumption, but may include any farm activities which result in the cash sale of products and services.

Follow ILO specifications, most surveys and censuses require that a person work at least one-third time during the short reference period (typically the past week or month) to qualify as an "unpaid family worker". This specification has proved to be disadvantageous to women, in that the uncertainty surrounding what constitutes "one-third" of cash producing work by "unpaid" female workers in particular, are misclassified by census enumerators as "economically inactive".

Informal Sector: Women's work in informal sectors of the economy is unrecognized in census statistics. A widespread phenomenon in Third World countries, particularly in the urban areas, is the build-up of an extensive shadow economy, developing as a necessary complement to the expanding formal sector wage labor. Most activities in the informal sector are on the periphery of the job market, and these jobs are not integrated into any industry coding, or detailed occupational breakdown, as exists for the formal sector.

Since informal sector jobs often fall outside taxation structures, lack a set location to transact business, or may even be quasi-legal, the tendency is to exclude informal sector activities from the labor force count. This has led to a considerable underestimation of the number of urban women who are actually economically active.

Multiple Roles: Multiple economic roles of women are not captured in census counts. According to the standard definitions, individuals are classified as economically active or inactive on the basis of a series of questions clustered around the concept of principal economic activity. In developing economies, however, the formulation of such a question does not reflect the totality of work involvement, for both sexes are engaged in a multiplicity of economic activities at different levels of productivity.

The rigidity of standard definitions leads to a distortion once more, and it is the women who go unreported, because their day--more so than that of men--is characterized by a constant and subtle alternation between numerous activities with both economic and non-economic significance. No statistical acknowledgement is made of women who intermittently engage in small-scale trade and in short duration income-earning activities, which are interspersed between housework.

The Underestimation of Unemployment: The standard labor force approach works to the disadvantage of including women in unemployment rates.

Many women who are unemployed are, in fact, not counted. First of all, there is a tendency among census takers to automatically attribute the status of "unemployed" housewife to a married woman who is not working at the time of the census, without probing whether or not she is currently in search of work. Further, the conventional practice of defining the actively unemployed as those who sought work in the previous week leaves out of the count the passively unemployed group of women: those wanting or needing work but who are discouraged, and the groups of women who wanted a job and would have accepted one had it been offered. Inclusion of the passively unemployed group (which may have more members among women than men) in the unemployment rate would reflect a more accurate measure of the proportion of women available for employment.

POLICY RELEVANCE OF SOUND STATISTICS ON WOMEN'S WORK

Women will continue to be dropped from the labor force count unless more categories of activity status (full-time, part-time, seasonal worker, and the like) are introduced, unless occupational classifications are set up to fit the specific types of work women pursue, and unless interviewers themselves are trained and sensitized to probe into the economic value and functions of the activities women perform.

Assigning a social and economic value to women's labor force participation has implications beyond the improvement of statistics. The development of sensitive measures which address the critical questions "What types of work do women perform?" and "What are the occupational characteristics and skill levels of women who are active in the labor force?" directly bears upon formulation of employment policies for women.

APPENDIX F

ORDER FORM FOR TAPE
(Includes 120 Countries)

SEND TO: Center for International Research
U. S. Bureau of the Census
Washington, D. C. 20233

Customer Services (Microfiche and Tapes)	Name		RETURN TO:		Date		T
	Organization		Data User Services Division		CHECK ONE		
	Address		Customer Services		<input type="checkbox"/> Enclosed is check or money order, payable to "Commerce-Census"		
	City, State, ZIP		Bureau of the Census		<input type="checkbox"/> Charge to Census Bureau Deposit Account No. _____		
	Telephone		Washington, D.C. 20233		2		
			Phone: 301/763-4100				
	Name of Data File, Documentation* or Microfiche		Order No.	No of Reels	No. of Microfiche	No. of Document copies	Cost
*One copy of the Technical Documentation is sent at no extra charge With tape orders; additional copies are \$5.00 each.					TOTAL \$		
Characteristics of Tape (Check One): <input type="checkbox"/> 9 track, 1600 bpi, EBCDIC <input type="checkbox"/> 9 track, 6250 bpi, EBCDIC <input type="checkbox"/> 9 track, 1600 bpi, ASCII <input type="checkbox"/> 9 track, 6250 bpi, ASCII				Labeling (Check One): <input type="checkbox"/> Standard <input type="checkbox"/> Unlabeled			
Other characteristics are available by special arrangement.							

USER COMMENTS

If subsequent efforts in this data capture/dissemination activity are to be improved in a manner maximally responsive to user needs, the major ideas for such improvement must come from the persons who actually use the data to meet policy program and project needs. This tear-out form is placed here in multiple copies to make it easy for successive users to submit constructive comments.

It would be helpful if the reader would clearly identify on this form the features of the Data by Sex booklet considered particularly effective in contributing to its usefulness. Such supportive "feedback" is necessary to ensure that the strong points of this report will be retained in the future.

It is suggested that the Introduction and Foreword be read once more before this form is completed, in order that the reader may have a clear idea of just what the data base is meant to be, as well as what it is not meant to be.

AID field officers should air pouch the completed form to the address on the left, and others mail it to the address on the right:

Statistical Data by Sex
PPC/E-DIU/ESDS
AID/Washington

Statistical Data by Sex
PPC/E-DIU/ESDS
Agency for International Development
Washington, D. C. 20523
U. S. A.

Please record your comments below, on the reverse side, and if necessary, on additional sheet(s).

USER COMMENTS (continued)
