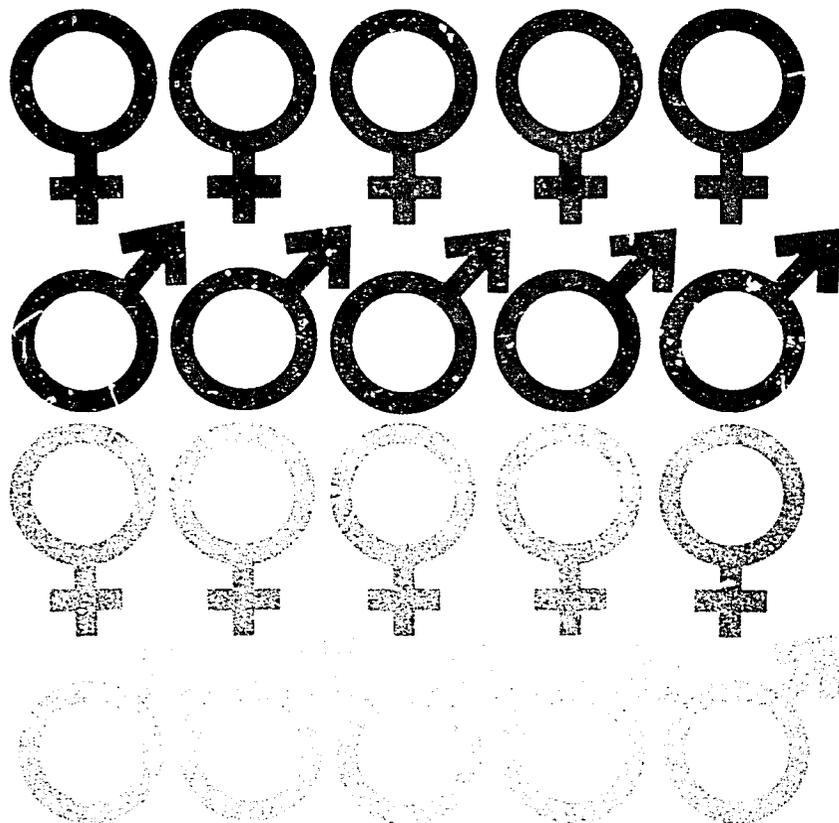


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**AFRICA**

*Madagascar*



**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.....	1
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 17c	
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 Organization, 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.

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\*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

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\*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.

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\*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.

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\*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, 1966. MADAGASCAR

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE
TOTAL	6200000	3049000	3151000
0-4	1127000	565000	562000
5-9	940000	484000	456000
10-14	815000	428000	387000
15-19	570000	267000	301000
20-24	420000	193000	227000
25-29	393000	163000	230000
30-34	335000	156000	179000
35-39	334000	154000	180000
40-44	274000	133000	141000
45-49	252000	125000	127000
50-54	204000	106000	98000
55-59	173000	84000	89000
60-64	114000	60000	54000
65 AND OVER	245000	127000	118000
UNKNOWN	4000	2000	2000

01 SOURCE: INSTITUT NATIONAL DE LA STATISTIQUE ET DE LA RECHERCHE  
ECONOMIQUE, 1967, ENQUETE DEMOGRAPHIQUE MADAGASCAR 1966, TANANARIVE,  
TABLE 2.

02 OFFICIAL ESTIMATES BASED ON A 0.5% SAMPLE SURVEY WHICH WAS TAKEN  
BETWEEN MAY 9 AND NOVEMBER 11, 1966.

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, 1975. MADAGASCAR

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	URBAN TOTAL	URBAN MALE	URBAN FEMALE	RURAL TOTAL	RURAL MALE	RURAL FEMALE
TOTAL	7568577	3745159	3823418	1239442	610310	629132	6329135	3134849	3194286
0-4	1339630	673371	666259	187129	94872	92257	1152501	578499	574002
5-9	1097448	537184	560264	181292	90999	90293	916156	466185	469971
10-14	900650	461524	439126	160971	80454	80517	739679	381070	358609
15-19	832551	400997	431554	157739	70908	80931	674812	324189	350623
20-24	658476	310205	348271	124636	59116	65520	533840	251089	282751
25-29	499534	234545	264989	89284	41881	47403	410250	192664	217586
30-34	378433	181584	196849	64091	30771	33320	314342	150813	165529
35-39	386005	181584	204421	62720	30424	32296	323285	151160	172125
40-44	333022	158886	174136	51972	25627	26345	281050	133259	147791
45-49	287605	143754	143851	42594	20842	21752	245011	122912	122099
50-54	257326	136188	121138	35409	18101	17308	221917	118087	103830
55-59	204343	113489	90854	26738	13479	13259	177605	100010	77595
60-64	143800	75660	68140	21199	10609	10590	122601	65051	57550
65 AND OVER	249754	136188	113566	33668	16327	17341	216086	119861	96225
UNKNOWN	0	0	0	0	0	0	0	0	0

01 SOURCE: BUREAU CENTRAL DU RECENSEMENT, 1978, UNPUBLISHED FIGURES. THE URBAN DATA ARE FINAL CENSUS RESULTS; THE RURAL DATA ARE ESTIMATES.

02 DE JURE POPULATION, EXCLUDING PERSONS IN BOARDING SCHOOLS, PRISONS, BARRACKS, CONVENTS, ETC.

03 URBAN IS DEFINED AS AN ADMINISTRATIVE UNIT HAVING AT LEAST 4,000 INHABITANTS, AS WELL AS OTHER CHARACTERISTICS PERTAINING TO ADMINISTRATIVE INFRASTRUCTURE AND COMMERCIAL ACTIVITIES.

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

TABLE 3. ADJUSTED POPULATION BY AGE AND SEX, 1966. MADAGASCAR

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE
TOTAL	6200000	3049000	3151000
0-4	1146000	580000	565000
5-9	916000	462000	454000
10-14	769000	391000	378000
15-19	576000	281000	295000
20-24	470000	226000	244000
25-29	409000	198000	211000
30-34	355000	171000	184000
35-39	313000	151000	162000
40-44	271000	130000	141000
45-49	233000	110000	123000
50-54	194000	93000	101000
55-59	167000	77000	90000
60-64	133000	59000	74000
65 AND OVER	248000	119000	129000

01 SOURCE: INSTITUT NATIONAL DE LA STATISTIQUE ET DE LA RECHERCHE ECONOMIQUE, 1967, ENQUETE DEMOGRAPHIQUE MADAGASCAR 1966, TANANARIVE, TABLE 51.

02 THESE FIGURES REPRESENT AN OFFICIAL ADJUSTMENT OF THE AGE STRUCTURE ONLY, WITH NO ADJUSTMENT MADE FOR UNDERENUMERATION. THE OFFICIAL ADJUSTMENT ASSUMED THAT THE AGE STRUCTURE OF MADAGASCAR'S POPULATION WAS STABLE IN 1961. THIS POPULATION WAS THEN PROJECTED TO 1966 ASSUMING CONSTANT FERTILITY AND DECLINING MORTALITY; SEE SOURCE FOR FURTHER INFORMATION.

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

TABLE 4. ADJUSTED POPULATION BY AGE AND SEX, 1975. MADAGASCAR

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 PROVINCE, SEX AND URBAN/RURAL RESIDENCE,  
1975. MADAGASCAR

PROVINCE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	URBAN TOTAL	URBAN MALE	URBAN FEMALE	RURAL TOTAL	RURAL MALE	RURAL FEMALE
TOTAL	7568577	3745159	3823418	1239442	610310	629132	6329135	3134849	3194286
ANTANANARIVO	2183010	1079212	1103798	567946	280426	287520	1615064	798786	816278
FIANARANTSOA	1797127	889578	907549	183412	89197	94215	1613715	800381	813334
TAMATAVE	1180706	584449	596257	138612	68590	70022	1042094	515859	526235
MAJUNGA	807781	399852	407929	123355	61289	62066	684426	338563	345863
TULEAR	1016614	503222	513392	93941	45863	48078	922673	457359	465314
DIEGO-SUAREZ	583339	288846	294493	132176	64945	67231	451163	223901	227262

01 SOURCE: DIRECTION DU RECENSEMENT, 1978, UNPUBLISHED PROVISIONAL FIGURES.

02 DOES NOT INCLUDE THOSE LIVING IN BARRACKS, PRISONS, BOARDING SCHOOLS, CONVENTS ETC.

03 RURAL FIGURES ARE ESTIMATES.

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

TABLE 6A. POPULATION BY ETHNIC GROUP, SEX AND URBAN/RURAL  
RESIDENCE, 1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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,  
1975. MADAGASCAR

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,  
1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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,  
1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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

TABLE 7. LIFE EXPECTANCY AT SELECTED AGES, BY SEX AND  
URBAN/RURAL RESIDENCE, 1966-75. MADAGASCAR

01 RELIABLE DATA NOT AVAILABLE. LIFE TABLES FOR THE PERIOD  
1966-1975 WERE GENERATED AT THE U.S. BUREAU OF THE CENSUS BASED  
ON COALE-DEMERY NORTH REGION MODEL LIFE TABLES AND OFFICIAL (QX)  
VALUES AS REPORTED IN RECENSEMENT 1975 SERIE ETUDES ET ANALYSE  
ENQUETE POST-CENSITAIRE (BUREAU CENTRAL DU RECENSEMENT, 1980,  
TANANARIVE, P. 21); HOWEVER, THE (QX) VALUES ARE OF QUESTIONABLE  
RELIABILITY, PARTICULARLY WITH REGARD TO INFANT AND CHILD  
MORTALITY. THE RESULTING LIFE EXPECTANCIES AT BIRTH WERE 46.8  
FOR FEMALES AND 45.4 FOR MALES.

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, 1975. MADAGASCAR

01 RELIABLE DATA NOT AVAILABLE. THE U.S. BUREAU OF THE CENSUS HAS ESTIMATED INFANT MORTALITY RATES OF 69 FOR BOTH SEXES, 67 FOR MALES AND 74 FOR FEMALES, BASED ON COALE-DEMENY NORTH REGION MODEL LIFE TABLES AND AN APPLICATION OF THE BRASS LOGIT METHOD TO AGE-SEX DISTRIBUTIONS FROM THE 1966 DEMOGRAPHIC SURVEY AND THE 1975 POST-ENUMERATION SURVEY, AS REPORTED IN RECENSEMENT 1975 SERIE ETUDES ET ANALYSES ENQUETE POST-CENSITAIRE (BUREAU CENTRAL DU RECENSEMENT, 1980, TANANARIVE, PP. 21 AND 48).

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, 1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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

TABLE 10A. TOTAL POPULATION 10 YEARS OLD AND OVER, BY MARITAL  
STATUS, AGE, AND SEX, 1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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

TABLE 10B. URBAN POPULATION 10 YEARS OLD AND OVER, BY MARITAL  
STATUS, AGE, AND SEX, 1975. MADAGASCAR

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 10 YEARS OLD AND OVER, BY MARITAL  
STATUS, AGE, AND SEX, 1975. MADAGASCAR

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, 1979. MADAGASCAR

ITEM	TOTAL MALE	TOTAL FEMALE	URBAN MALE	URBAN FEMALE	RURAL MALE	RURAL FEMALE
MINIMUM LEGAL AGE	17	14	17	14	17	14
AGE 25% EVER MARR.	A	A	A	A	A	A
AGE 50% EVER MARR.	A	A	A	A	A	A
AGE 75% EVER MARR.	A	A	A	A	A	A

01 SOURCE: POPULATION INFORMATION PROGRAM, THE JOHNS HOPKINS UNIVERSITY,  
1979, POPULATION REPORTS, SERIES M, NO. 4, BALTIMORE, TABLE 15.

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, 1975. MADAGASCAR

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, 1975. MADAGASGAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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

TABLE 14A. AGE-SPECIFIC FERTILITY RATES (PER 1,000 WOMEN), BY  
URBAN/RURAL RESIDENCE, 1975. MADAGASCAR

RESIDENCE AND YEAR	15-19	20-24	25-29	30-34	35-39	40-44	45-49
TOTAL 1975	132	272	280	232	195	122	45

01 SOURCE: BUREAU CENTRAL DU RECENSEMENT, 1980, RECENSEMENT 1975  
SERIE ETUDES ET ANALYSE ENQUETE POST-CENSITAIRE,  
TANANARIVE, TABLE 11.

02 BASED ON OBSERVED FERTILITY FROM THE 1975 POST-ENUMERATION  
SURVEY.

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

TABLE 14B. SELECTED FERTILITY MEASURES, BY URBAN/RURAL RESIDENCE,  
1975. MADAGASCAR

MEASURE AND YEAR	TOTAL
CBR (PER 1000 POP) 1975	45
TFR (PER WOMAN) 1975	6.39
GRR (PER WOMAN) 1975	3.18 <sup>B</sup>
NRR (PER WOMAN) 1975	A

01 SOURCE: BUREAU CENTRAL DU RECENSEMENT, 1980, RECENSEMENT  
1975 SERIE ETUDES ET ANALYSE ENQUETE POST-CENSITAIRE.  
TANANARIVE, PP. 24, 25 AND 32.

02 BASED ON RESULTS FROM THE 1975 POST-ENUMERATION SURVEY.

A DATA NOT AVAILABLE.

B THIS GRR MAY BE SLIGHTLY HIGHER THAN EXPECTED BECAUSE IT WAS  
DERIVED USING A SEX RATIO AT BIRTH OF 1.01, WHICH IS USUALLY  
CONSIDERED TO BE LOW. THE SEX RATIO AT BIRTH IS BASED ON BIRTHS,  
BY SEX, WHICH OCCURRED DURING THE 12 MONTHS PRIOR TO THE 1975  
POST ENUMERATION SURVEY.

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, 1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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

TABLE 15B. POPULATION BASES FOR PERCENTAGES IN TABLE 15C, 1975.  
MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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

TABLE 15C. PERCENT LITERATE 10 YEARS OLD AND OVER, BY AGE, SEX,  
AND URBAN/RURAL RESIDENCE, 1975. MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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, 1975.  
 MADAGASCAR

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	URBAN TOTAL	URBAN MALE	URBAN FEMALE	RURAL TOTAL	RURAL MALE	RURAL FEMALE
TOTAL	1142250	607749	534501	383746	201960	181786	758504	405789	352715

01 SOURCE: DIRECTION DU RECENSEMENT, 1978, UNPUBLISHED PROVISIONAL  
 FIGURES.

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

TABLE 16B. POPULATION BASES FOR PERCENTAGES IN TABLE 16C, 1975.  
 MADAGASCAR

AGE	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	URBAN TOTAL	URBAN MALE	URBAN FEMALE	RURAL TOTAL	RURAL MALE	RURAL FEMALE
TOTAL	3489125	1709910	1779215	624638	307377	317261	2864487	1402533	1461954

01 SOURCE: DIRECTION DU RECENSEMENT, 1978, UNPUBLISHED PROVISIONAL  
 FIGURES.

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, 1975. MADAGASCAR

ENROLLMENT	TOTAL TOTAL	TOTAL MALE	TOTAL FEMALE	URBAN TOTAL	URBAN MALE	URBAN FEMALE	RURAL TOTAL	RURAL MALE	RURAL FEMALE
TOTAL	32.7	35.5	30.0	61.4	65.7	57.3	26.5	28.9	24.1

01 SOURCE: DIRECTION DU RECENSEMENT, 1978, UNPUBLISHED PROVISIONAL FIGURES.

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

TABLE 17A. NUMBER OF ECONOMICALLY ACTIVE PERSONS 10 YEARS OLD AND  
OVER, BY AGE, SEX AND URBAN/RURAL RESIDENCE, 1975.  
MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

(28)

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

TABLE 17B. POPULATION BASES FOR PERCENTAGES IN TABLE 17C, 1975.  
MADAGASCAR

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 10 YEARS OLD AND OVER,  
BY AGE, SEX, AND URBAN/RURAL RESIDENCE, 1975.  
MADAGASCAR

01 SEARCH CONDUCTED BUT NO DATA FOUND.

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, 1975. MADAGASCAR

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, BY SEX AND  
URBAN/RURAL RESIDENCE, 1975. MADAGASCAR

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

## APPENDIX A (countinued)

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 687--MADAGASCAR

MAY 4, 1983

## -----TABLE CHARACTERISTICS-----

	YEAR	ROWS	COLUMNS	STANDARD	NONSTANDARD	BLANK
TABLE 01	1966	16	3		X	
TABLE 02	1975	16	9		X	
TABLE 03	1966	15	3		X	
TABLE 04	1975	0	0			X
TABLE 05	1975	7	9		X	
TABLE 06A	1975	0	0			X
TABLE 06B	1975	0	0			X
TABLE 06C	1975	0	0			X
TABLE 06D	1975	0	0			X
TABLE 07	1975	0	0			X
TABLE 08	1975	0	0			X
TABLE 09	1975	0	0			X
TABLE 10A	1975	0	0			X
TABLE 10B	1975	0	0			X
TABLE 10C	1975	0	0			X
TABLE 11	1979	4	6	X		
TABLE 12	1975	0	0			X
TABLE 13	1975	0	0			X
TABLE 14A	1975	2	7		X	
TABLE 14B	1975	11	1		X	
TABLE 15A	1975	0	0			X
TABLE 15B	1975	0	0			X
TABLE 15C	1975	0	0			X
TABLE 16A	1975	1	9		X	
TABLE 16B	1975	1	9		X	
TABLE 16C	1975	1	9		X	
TABLE 17A	1975	0	0			X
TABLE 17B	1975	0	0			X
TABLE 17C	1975	0	0			X
TABLE 18	1975	0	0			X
TABLE 19	1975	0	0			X

COUNTRY FILE CONTAINS THE FOLLOWING TABLE TYPES:

- 1 STANDARD TABLES
- 9 NONSTANDARD TABLES
- 21 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 BuCen 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 BuCen 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<sup>1/</sup>

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.<sup>2/</sup>

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.

---

<sup>1/</sup> 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.

<sup>2/</sup> 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		<b>RETURN TO:</b> Data User Services Division Customer Services Bureau of the Census Washington, D.C. 20233 Phone: 301/763-4100			Date		T
	Organization					<b>CHECK ONE</b> <input type="checkbox"/> Enclosed is check or money order, payable to "Commerce-Census" <input type="checkbox"/> Charge to Census Bureau. Deposit Account No. _____		
	Address							
	City, State, ZIP							
	Telephone							
	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 \$		
<b>Characteristics of Tape (Check One):</b> <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				<b>Labeling (Check One):</b> <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).

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USER COMMENTS (continued)

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