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Final Report to  
the Agency for International Development  
from the East-West Population Institute, Project No. 932-0648,  
Contract No. AID/DS/PE-C-0002, Demographic Data Collection of Asia  
for the Period June 1, 1978 - September 30, 1983

## PREFACE

In the 63 months covered by this report Contract AID/DS/PE-C-0002 provided funding support for the East-West Population Institute to hold 33 workshops, working groups, conferences and seminars and to produce 38 research outputs.

This final report provides a detailed summary of accomplishments. The real purpose of this Preface is to acknowledge and emphasize that the most important element in all the work was people. There were hundreds of Asian, Pacific and U.S. government officials, program managers and academic collaborators who participated in the reported activity and contributed to achievement of the goals of the Contract.

The Agency for International Development has made it possible for the East-West Population Institute to contribute to the increased capacity of nations in Asia and the Pacific to help themselves to measure, analyze and cope with their population problems.

Final Report to  
the Agency for International Development  
Contract No. AID/DS/PE-C-0002  
East-West Population Institute  
East-West Center  
Honolulu, Hawaii  
June 1, 1978 - September 30, 1983

Contract C-0002 between the Agency for International Development and the East-West Center Population Institute, with extensions, ran between June 1, 1978 and September 30, 1983. Funds totaled expended \$4,298,381.00.

A total of 21 Quarterly Reports were filed detailing progress of the work stipulated under this contract. This Final Report summarizes the material contained in those reports. For details, see the individual reports, which are attached, as are the original contract and major amendments.

Work accomplished

The original contract obligated the East-West Population to perform work and produce reports as detailed in Section II of the Scope of Services. These were:

- I. Workshops and Conferences (Section II-A)
- II. Working Groups (Section II-B)
- III. Data Processing, Evaluation and Analysis (Section II-C)
- IV. Overseas Technical Consultation (Section II-D)
- V. Resources Materials Collection
- VI. Asian and Pacific Census Forum (Section II-G) and other publications (Sections II-F, II-H)

I. Workshops and Conferences

1. Three Population Census Conferences were required under the basic contract and Amendment No. 7. They were held as follows:

1. Seventh Population Census Conference: September, 1979 (reported in Quarterly Report No. 5)
2. Eighth Population Census Conference: September, 1981 (Quarterly Report No. 15)
3. Ninth Population Census Conference: April, 1983 (Quarterly Report No. 19)

2. Four Summer Seminars in Population were originally required under the basic contract and Amendment No. 7. Subsequently, because of the no-cost extensions of the contract, a total of six Summer Seminars was held, as follows:

1. Ninth Summer Seminar in Population: June-July, 1978 (Quarterly Report No. 1)

2. Tenth Summer Seminar in Population: June-July, 1979 (Quarterly Report No. 5)
3. Eleventh Summer Seminar in Population: June-July, 1980 (Quarterly Report No. 9)
4. Twelfth Summer Seminar in Population: June-July, 1981 (Quarterly Report No. 13)
5. Thirteenth Summer Seminar in Population: June-July, 1982 (Quarterly Reports No. 16, 17)
6. Fourteenth Summer Seminar in Population: May-June, 1983 (Quarterly Reports No. 20, 21)

3. Two World Fertility Survey Analysis Workshops were required under the basic contract. One was held as follows:

1. World Fertility Survey Workshop: January, 1979 (Quarterly Report No. 3)

For the second the following was substituted:

2. Fertility Estimation Workshop: January, 1981 (Quarterly Report No. 10)

4. One People's Republic of China Population Estimation Workshop was required under the basic contract. It was held as follows:

1. China Population Analysis Conference: May 1980 (Quarterly Report No. 8)

5. One Census Tabulation and/or Edit Workshop was required under the basic contract. It was held as follows:

1. Census Editing Workshop: May, 1980 (Quarterly Report No. 4)

6. One Vital Registration System Workshop was required under the basic contract. This was canceled and in its place was held the following (cf. Amendment No. 9):

1. Conference on Recent Trends in South Asian Demography: February, 1983 (Quarterly Report No. 19)

7. One Population Program Evaluation Workshop was required under the basic contract. For this was substituted the following:

1. Population Policy Conference: December, 1980 (Quarterly Report No. 10)

8. One Population Policy Workshop was required under Amendment No. 7. It was held as follows:

1. Conference on Population, Resources, and Development: September, 1982 (Quarterly Report No. 17)

9. One Conference on Urbanization and National Development was required under Amendment No. 7. It was held as follows:

1. Conference on Urbanization and National Development: January, 1982 (Quarterly Report No. 15)

## II. Working Groups

1. Two Census Fertility Estimation Working Groups were required under the basic contract. One of these was held as follows:

1. Census Fertility Estimation Working Group (July-September, 1979 ((Quarterly Report No. 5)

The second was canceled.

A third Fertility Estimation Working Group was included in Amendment No. 7 as one of four alternatives, three of which were required. The other three alternatives were working groups on nuptiality, areal data analysis, and migration and urbanization data. Amendment No. 9 allowed the substitution of a Contraceptive Prevalence Working Group. The three working groups that were held are listed below and marked with an asterisk (\*).

2. Two Census Evaluation/Analysis Working Groups were required under the basic contract. The first was held as an Eleventh Summer Seminar workshop in 1980 (Quarterly Report No. 9). The second was canceled.

3. Two Vital Registration System Working Groups were required under the basic contract. They were held as follows:

1. Vital Registration Working Group (August, 1978) (Quarterly Report No. 1)
2. Vital Registration Working Group (July-September, 1980) (Quarterly Report No. 10)

4. Two Computer Editing and Imputation Working Groups were required under the basic contract. They were held as follows:

1. Census Editing Working Group (February-March, 1979) (Quarterly Reports No. 3,4)
2. Census Editing Working Group: November, 1979 (Quarterly Report No. 6)

5. Three Census Mapping Working Groups were required under the basic contract. One of these was dropped; two were held as follows:

1. Census Mapping Working Group: October, 1978 (Quarterly Reports No. 2,4)
2. Census Mapping Working Group: January, 1980 (Quarterly Reports No. 6,7)

6. Two World Fertility Survey Working Groups were required under the basic contract. They were held as follows:

1. WFS Working Group: January, 1979 (Quarterly Report No. 3)
2. WFS Working Group: January, 1981 (Quarterly Reports No. 10,11)

7. One Census Sampling Working Group was required under Amendment No. 7. It was held as follows:

1. Census Sampling Working Group: January-February, 1979 (Quarterly Report No. 3)

\*8. One Working Group on Nuptiality and Fertility was an alternate under Amendment No. 7. It was held as follows:

1. Nuptiality Working Group: May-June, 1983 (Quarterly Report No. 20)

\*9. One Areal Data Analysis Working Group was an alternate under Amendment No. 7. Substituted for this was the following:

1. Contraceptive Prevalence Working Group: May, 1983 (Quarterly Reports No. 19, 10)

\*10. One Working Group on Analysis of Migration and Urbanization Data was an alternate under Amendment No. 7. It was held as follows:

1. Urbanization and Migration Working Group: October, 1982 (Quarterly Report No. 19)

11. One Sector Specific Projections Working Group was held as follows (PIO/T No. 363/062, December, 1982):

1. Sector Specific Projections Working Group: April-May, 1983 (Quarterly Reports No. 19,20)

### III. Data Processing, Evaluation and Analysis

1. Data Editing and Imputation Software. This work, required under the basic contract, was completed through Howard Brunzman's 1979 report and Michael Levin's 1979 assessment of the CONCOR computer edit program (Quarterly Reports 3-5).

2. Data Evaluation and Analysis Software. This work, required under the basic contract, was completed through development of computer software by the Institute staff on an ongoing basis and reported in the Quarterly Reports.

3. Census and Vital Registration Evaluation Studies. These were completed as follows:

1. Bangladesh: According to Amendment No. 7, this was canceled.
2. Indonesia (Quarterly Report No. 1)
3. Indonesia (Quarterly Report No. 17)
4. Nepal (Quarterly Report No. 4)
5. Philippines: Pakistan substituted (Quarterly Report No. 7)
6. Philippines (Quarterly Report No. 19)

4. Four or more Population Program Evaluation Studies were required under the basic contract. These were completed as follows:

1. Bangladesh: two reports for Pakistan substituted (Quarterly Reports No. 7,11)
2. Indonesia (Quarterly Reports No. 10, 15)
3. Thailand (Quarterly Reports No. 2,3)
4. Nepal: Sri Lanka report substituted (Quarterly Report No. 8)

5. Philippines (Quarterly Report No. 8)
6. Korea (Quarterly Report No. 2)

5. The obligation for a Census or Vital Registration Improvement Study was superceded in Amendment No. 7.

6. Demographic Situation Reports. These were completed as follows:

1. Afghanistan: A report on Western Samoa was substituted (Quarterly Report No. 12)
2. Bangladesh: canceled, Amendment No. 7
3. India (Quarterly Report No. 13)
4. Indonesia (Quarterly Report No. 11)
5. Korea (Quarterly Report No. 8)
6. Nepal (Quarterly Reports No. 5,15)
7. Pakistan (Quarterly Report No. 11)
8. Philippines (Quarterly Report No. 8)
9. Thailand (Quarterly Report No. 8)

7. Census and Survey Analytic Reports. These were completed as follows:

1. Indonesia (Quarterly Reports No. 9, 13)
2. Indonesia: a comparative report on nuptiality was substituted (Quarterly Report No. 15)
3. Philippines (Quarterly Report No. 2)
4. Philippines (Quarterly Report No. 21)
5. Korea (Quarterly Reports No. 1,2)
6. Sri Lanka (Quarterly Report No. 20)
7. Nepal (Quarterly Report No. 20)
8. Bangladesh: a report on Pakistan was substituted (Quarterly Report No. 7)

8. Current Issues and Prospects Reports. These were completed as follows:

1. Thailand: substituted for Thailand were the Cook Islands, Solomon Islands, and the Maldives (Quarterly Report No. 15)

9. At least two Areal Analysis of Demographic Transition Reports were required. These were completed as follows:

1. India: a report for Sri Lanka was substituted (Quarterly Report No. 19)
2. Thailand (Quarterly Report No. 21)

10. At least two Population and Household Projection Reports were required under Amendment No. 7. These were completed as follows:

1. Indonesia (Quarterly Report No. 21)
2. Thailand (Quarterly Report No. 20)

11. At least three Migration and Population Distribution Reports were required under Amendment No. 7. These were completed as follows:

1. Thailand: reports for India and Indonesia were substituted (Quarterly Report No. 16)
2. Philippines (Quarterly Report No. 16)
3. An additional developing country: (substituted by a comparative study entitled "Structural Change and Urbanization in Asia, 1960-1980: Implications for Urban Policy and Development) (Quarterly Report No. 15)

#### IV. Overseas Technical Consultation

The basic contract and amendment no. 7 stipulate that up to twelve person-months of overseas technical consultation be provided, six months of which were to be funded. The various Quarterly Reports detail the consultations that took place; these are summarized below:

1. Minja Kim Choe: August, 1978 (Quarterly Report No. 1)
2. Lee-Jay Cho: Asia, September, 1978 (Quarterly Report No. 2)
3. Griffith Feeney: Central Bureau of Statistics, Jakarta, Indonesia, February 9-March 16, 1978 (Quarterly Report No. 3)
4. Fred Arnold: National Statistical Office and Institute for Population Studies, Bangkok, Thailand, February 10-March 4, 1979 (Quarterly Report No. 3)
5. Griffith Feeney: Central Bureau of Statistics, Jakarta, Indonesia, May 15-31, 1979 (Quarterly Report No. 4)
6. Fred Arnold: NSO, Bangkok, Thailand, July 16-27, 1979 (Quarterly Report No. 5)
7. James Palmore: survey organizations and the Bangladesh Bureau of Statistics, August 1-10, 1979 (Quarterly Report No. 5)
8. Michael Levin, CBS, Jakarta, Indonesia, August 26-September 16, 1979 (Quarterly Report No. 5)
9. Peter Smith: Philippine WFS-related organizations, Manila, December 14-22, 1979 (Quarterly Report No. 7)
10. Griffith Feeney: CBS, Jakarta, Indonesia, February 3-10, 1980 (Quarterly Report No. 7)
11. Robert Gardner: South Pacific Commission, Nuku'alofa, Tonga (Quarterly Report No. October 31-November 13, 1980 (Quarterly Report No. 10)
12. Griffith Feeney: CBS, Jakarta, Indonesia, September 14-December 13, 1980 (Quarterly Report No. 10)
13. Fred Arnold: NSO, Bangkok, Thailand, January 11-24, 1981 (Quarterly Report No. 11)
14. Peter Pirie: government of Vanuatu, Port Vila, Vanuatu, May 29-June 25, 1981 (Quarterly Report No. 12)
15. Jay Soo Park: CBS, Jakarta, Indonesia, December 2-10, 1981 (Quarterly Report No. 14)
16. Fred Arnold: NSO, Bangkok, Thailand, February 12-27, 1982 (Quarterly Report No. 15)

17. Fred Arnold: Malaysian National Family Planning Board, February 27-March 4, 1982 (Quarterly Report No. 15)
18. Burnham Campbell, national statistical offices and academic institutions in the Philippines, Thailand, and Indonesia, January, 1982 (Quarterly Report No. 15)
19. Robert Gardner: South Pacific Commission, Honiara, Solomon Islands, July 2-16, 1982 (Quarterly Report No. 16)
20. Peter Pirie: South Pacific Commission, Honiara, Solomon Islands, July 29-August 6 (Quarterly Report No. 16)
21. Peter Pirie: South Pacific Commission, Noumea, New Caledonia, July 8-9, 1982 (Quarterly Report No. 16)
22. Peter Pirie: Department of Statistics, Apia, Western Samoa, July (Quarterly Report No. 16)
23. Lee-Jay Cho: Registrar General's Office, New Delhi, India, three days in July, 1982 (Quarterly Report No. 16)
24. Fred Arnold: NSO, Bangkok, Thailand, December 7-12, 1982 (Quarterly Report No. 18)
25. Philip Hauser: NSO, Bangkok, Thailand, December 1-14, 1982 (Quarterly Report No. 18)
26. Rodolfo Bulatao: National Academy of Science, Conference on Fertility Research and Population Policy in Developing Countries, Washington, D.C. (Quarterly Report No. 18)
27. Robert Retherford: Pakistan Institute of Development Economics and Pakistan Census Commission, Islamabad, Pakistan, February, 1983 (Quarterly Report No. 19)
28. Lee-Jay Cho: CBS, Jakarta, Indonesia, February, 1983 (Quarterly Report No. 19)
29. Lee-Jay Cho: Census officials, Tokyo, Japan, February, 1983 (Quarterly Report No. 19)
30. Griffith Feeney: National Population Commission and Central Bureau of Statistics, Kathmandu, Nepal (Quarterly Report No. 19)
31. Lee-Jay Cho, Peter Smith, Robert Retherford, Janet Mason, Griffith Feeney, Nasra Shah, and Mehtab Karim: Conference on Recent Population Trends in South Asia, New Delhi, February 2-8, 1983 (Quarterly Report No. 19)
32. Griffith Feeney, Carolyn Ishikawa, Robert Hearn, Norm Luther, and Lee-Jay Cho: Ninth Population Census Conference, Tokyo, March 1-5, 1983 (Quarterly Report No. 19)
33. Murray Chapman: Murray Bathgate, Wellington, New Zealand, February 12-19, 1983 (Quarterly Report No. 19)

V. Resource Materials Collection

The basic contract and Amendment No. 5 provide for the use of contract funds for the purchase of appropriate publications and the support of training for population documentation and library staff from selected developing countries. There were seven trainees from five countries, all funded by the home institution, UNFPA, UNDP and the East-West Center. Training periods were

as short as two weeks and as long as one year. The countries represented were Korea (1), Thailand (3), Bangladesh (1), Japan (1) and the PRC (1). No contract funds were expended.

VI. Asian and Pacific Census Forum

The contract states that the Institute will continue to publish the Asian and Pacific Census Forum as well as a volume similar to that produced on the 1970 round of censuses in Asia and the Pacific. Also, that staff will continue to distribute research reports and papers relevant to the purposes of the contract.

The Forum was published quarterly from June 1, 1978 and a volume entitled Introduction to Censuses of Asia and the Pacific: 1980 Round, was edited by Lee-Jay Cho and Robert Hearn and published in 1984 (see quarterly report no. 21).

Attached as Enclosure No. 1 is a list of all papers and research reports published during the time of the contract, most of them with at least some AID funding.