

**THE WORLD BANK GROUP ARCHIVES**

**PUBLIC DISCLOSURE AUTHORIZED**

**Folder Title:** K.C. Zachariah - Chronological Records - January 8 - December 5, 1974

**Folder ID:** 30171674

**Series:** Research and policy development

**Dates:** 01/08/1974 - 12/05/1974

**Fonds:** Records of the Population, Health, and Nutrition Sector

**ISAD Reference Code:** WB IBRD/IDA WB\_IBRD/IDA\_89-07

**Digitized:** 8/5/2021

To cite materials from this archival folder, please follow the following format:  
[Descriptive name of item], [Folder Title], Folder ID [Folder ID], ISAD(G) Reference Code [Reference Code], [Each Level Label as applicable], World Bank Group Archives, Washington, D.C., United States.

The records in this folder were created or received by The World Bank in the course of its business.

The records that were created by the staff of The World Bank are subject to the Bank's copyright.

Please refer to <http://www.worldbank.org/terms-of-use-archives> for full copyright terms of use and disclaimers.



THE WORLD BANK

Washington, D.C.

© International Bank for Reconstruction and Development / International Development Association or

The World Bank

1818 H Street NW

Washington DC 20433

Telephone: 202-473-1000

Internet: [www.worldbank.org](http://www.worldbank.org)

**PUBLIC DISCLOSURE AUTHORIZED**

CHRON FILE - K.C. ZACHARIAH  
Jan. 8 - Dec. 5, 1974



30171674

R1992-051 Other #: 1

20136B

K.C. Zachariah - Chronological Records - January 8 - December 5, 1974

**DECLASSIFIED  
WITH RESTRICTIONS**  
WBG Archives





# Record Removal Notice



<b>File Title</b> K.C. Zachariah - Chronological Records - January 8 - December 5, 1974		<b>Barcode No.</b>  30171674		
<b>Document Date</b> 05 December, 1974	<b>Document Type</b> Memorandum			
<b>Correspondents / Participants</b> To : Mr. Henk Busz From : K. C. Zachariah				
<b>Subject / Title</b> Request to Hire Temporary Research Assistant from Departmental Funds				
<b>Exception(s)</b> Personal Information				
<b>Additional Comments</b>		<p>The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information. This Policy can be found on the World Bank Access to Information website.</p> <table border="1"><tr><td><b>Withdrawn by</b> Chandra Kumar</td><td><b>Date</b> 13-Feb-15</td></tr></table>	<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15
<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15			



INTERNATIONAL DEVELOPMENT RESEARCH CENTRE  
CENTRE DE RECHERCHES POUR LE DÉVELOPPEMENT INTERNATIONAL

Box 8500, Ottawa, Canada, K1G 3H9 · Telephone (613) 996-2321 · Cable: RECENTRE · Telex: 053-3753

December 3, 1974

*File*

Mr. K.C. Zachariah  
Acting Chief  
Population and Human Resources Division  
Development Economics Department  
International Bank for Reconstruction  
and Development  
1818 H Street, N.W.  
Washington, D.C. 20433  
U.S.A.

Dear Mr. Zachariah:

For Dr. Mertens, I wish to acknowledge receipt of and thank you for your letter of November 22, concerning a French version of your staff report.

Dr. Mertens is in Asia on Centre business at present, but he is expected back the first part of January, at which time I will be happy to bring your letter to his attention.

Yours sincerely,

*Susanne Kosciulecki*  
Susanne Kosciulecki  
Secretary to

Walter Mertens  
Associate Director, Demography  
Population and Health Sciences

94  
/sk

COMMUNICATIONS  
SECTION  
1974 DEC -6 AM 11:18

RECEIVED



# Record Removal Notice



<b>File Title</b> K.C. Zachariah - Chronological Records - January 8 - December 5, 1974		<b>Barcode No.</b>  30171674		
<b>Document Date</b> 25 November, 1974	<b>Document Type</b> Notice of Payment			
<b>Correspondents / Participants</b>				
<b>Subject / Title</b> Money order payable to the International Union for the Scientific Study of Population				
<b>Exception(s)</b> Financial Information d				
<b>Additional Comments</b>		<p>The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information. This Policy can be found on the World Bank Access to Information website.</p> <table border="1"><tr><td><b>Withdrawn by</b> Chandra Kumar</td><td><b>Date</b> 13-Feb-15</td></tr></table>	<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15
<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15			



INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

1818 H Street, N.W., Washington, D. C. 20433, U.S.A.

Ass. Code 202 - Telephone - EXtensive 36360 - Cable Address - INTBAFRAD

*File*

November 25, 1974

Mr. Shekhar Mukerji  
East-West Center  
Box 1382  
Honolulu, Hawaii, 96822

Dear Mr. Mukherji:

Your research proposal entitled, "An approach towards migration planning for economic development in low-income countries", deals with a problem of some interest to this Department as we are at present planning to organize a study of internal and external migration in Western Africa. The approach to the problem in your proposal is altogether novel and I hope that its application to Indian situations will result in new policies to deal with the problems of rapid rural-urban migration in India.

Our funds for external research are relatively small and the available funds for the year are already committed. I suggest that you approach other organizations such as the Population Council, New York, or Interdisciplinary Communications Program at the Smithsonian Institution (1717 Massachusetts Avenue, N.W., Washington, DC 20036). These organizations generally support individual research efforts in the field of population.

Yours sincerely,

*Ravi Gulhati*

Ravi Gulhati  
Director

Development Economics Department

cc: Messrs. King/Zachariah, ECDPH

November 22, 1974

Mr. Walter Mertens  
Associate Director, Demography  
Population and Health Sciences  
International Development Research Centre  
Box 8500, Ottawa, Canada, K1G 3H9

Dear Mr. Mertens:

I am afraid we have no French version of our Staff Report Population Policies and Economic Development and as far as I know, there is no proposal to prepare a French translation.

Sincerely yours,

K. C. Zachariah  
Acting Chief, Population and Human Resources Division  
Development Economics Department

KCZ:jlh



November 22, 1974

Mr. Mead T. Cain  
The Johns Hopkins University  
School of Hygiene and Public Health  
Department of Population Dynamics  
615 North Wolfe Street  
Baltimore, Maryland 21205

Dear Mr. Cain:

Mr. Timothy King could not reply to your letter before he went to Bangkok on November 9. He will be back in Washington only by the end of December. In the meantime, he has asked me to get copies of your publications and research papers. Will you please send us one copy each of these, so that we can get them reviewed by the staff members in the Division?

Sincerely yours,

K. C. Zachariah  
Acting Chief, Population and Human Resources Div.  
Development Economics Department

November 21, 1974

Mr. Ashish Bose  
Indian Statistical Institute,  
New Mehrauli Road, New Delhi  
India

Dear Ashish:

Thank you very much for your invitation to participate in the forthcoming seminar on demographic data for social and economic planning in India and to act as a discussant for the session on migration. I have no plans at present to come to Delhi at that time and, therefore, it is doubtful whether I will be able to participate in the seminar. However, as promised in my earlier letter, I am sending herewith a small note on migration data in India.

With best regards,

Sincerely yours,

K. C. Zachariah  
Acting Chief, Population and Human Resources Div.  
Development Economics Department

Enclosure: Note

KCZ:jlh

KCZachariah  
November 21, 1974

Note on migration data in India

- (1) Census questions on internal migration are quite adequate.

For a long time, in Indian censuses, data on internal migration were obtained by asking a single question on place of birth. A departure was made in 1961 when questions on duration of residence and rural-urban breakdown of birth place were added. These additional questions provided the badly needed time dimension to migration data, and information on migration streams between the rural and urban areas. In the last census, still another question was added, that on place of last residence classified by rural and urban type.

Taken together, these questions should provide most of what we would like to know about the volume of migration, migration streams and characteristics of migrants. One may debate whether it is better or not to ask a question on place of residence five years ago instead of that on place of last residence. Since the latter question has already been asked in 1971, for intercensal comparability, it is better to keep the same in the 1981 census.

- (2) Tabulation of migration data inadequate

Until 1961, tabulation of migration data at the national level consisted of a table showing state of birth by state of enumeration. At the state level, information on in-migration for smaller areas were also provided. But data on out-migration from districts or smaller areal units were not generally obtained. More important, migration data were never cross-classified by demographic and socio-economic characteristics.

The 1961 census was a great leap forward in the matter of tabulation of migration data. For the "million cities" extensive cross-tabulation of migration data with demographic and socio-economic characteristics were prepared. For other cities also, fairly detailed tabulations of immigrants were obtained. Thus the 1961 census tabulations removed, to a large extent, one of the major deficiencies of the Indian migration data.

I am not quite familiar with the status of the 1971 census tabulations. From what I know, it appears that most of the "regular" migration tables prepared in 1961 will be prepared in 1971 also (Table D-1 to D-VI) except that, the birthplace in the 1961 will be substituted with place of last residence in tables D-11, D-IV, D-V and D-VI. I am not aware of any program to prepare special migration tables for "million cities" or any proposal to remedy the other major deficiency of Indian migration data, namely, the lack of out-migration data for districts or major cities. Thus, much of the comparability with the 1961 census data will be lost.

The 1981 census, in my opinion, should attempt to provide out-migration data from each district, rural and urban parts of each district if possible, and reintroduce the practice of preparing special migration tables for million cities. Out migration data for districts and major cities should give not only the volume of migration, but also characteristics of the migrants. Hand tabulation may be difficult as the number of districts is too large, but with computerization, it should not be very difficult to prepare these tables, as the necessary information is available in individual slips. Publication of such information at the all-India level may be expensive, but here again compromises can be worked out without sacrificing the usefulness of the data. It is also worthwhile examining the possibility of preparing a an-India migration tape from a sample of individual census slips from major cities, other urban areas and rural areas, without the identification questions and the make the tape easily available to research workers.

### (3) Sample surveys to supplement census data

Even with the most imaginative tabulation program certain aspects of migration analysis cannot be handled with census data alone. Studies aimed at the formulationg policies to influence migration or analyzing the influence of migration on other policy issues often require supplementary information on migration history, and the accompanying changes in the migrant's characteristics, including information on income, wages, education, occupation, etc. These are obtained more appropriately in sample surveys than in national censuses.

This is not the appropriate place to discuss all aspects of a design of a sample survey on migration. I would only mention that the survey should be capable of providing information on the determinants and consequences of migration, especially economic factors such as wages, income, remittances, occupational mobility, educational improvements, periods of unemployment, etc. which are not covered in Indian censuses.

*File*

November 4, 1974

Dr. Marry Hollsteiner  
Institute of Philippine Culture  
Ateneo De Manila  
Katipunan Ave., Diliman  
Quezon City, Philippines

Dear Dr. Hollsteiner:

The Philippines was selected as a country in which the World Bank plans to undertake a study concerning productivity and incomes of the rural poor.

Our main thrust, at this point, is to investigate the interaction between poverty and population issues with special emphasis on migration.

In the process of a very preliminary inquiry, Dr. T. Ruprecht, from California - USA, suggested that I contact you with regard to this issue.

I will appreciate any references you can forward to us in terms of your own work, data sources and work by others, which bear on the above issues.

Yours truly,

Dov Chernichovsky  
Population & Human Resources Division  
Development Economics Department

cc: Mr. King  
Mr. Zachariah ✓  
Mr. Ruprecht

**international  
institute  
for  
population  
studies**



GOVANDI STATION ROAD,  
DEONAR, BOMBAY-88, AS.

जनसंख्या अध्ययन  
का  
अन्तर्राष्ट्रीय संस्थान

*Filer*

Telegrams : DEMOGRAPHY, CHEMBUR, BOMBAY  
Telephones : DIRECTOR : 5 2 1 2 4 6  
OFFICE : 5 2 1 3 4 7

DR. J. R. RELE  
~~XXXXXXXXXXXXXXXXXX~~  
DIRECTOR

November 7, 1974

*Al(a)/1626/74*

Dear Dr. Zachariah,

I am thankful to you for your letter of 27 September 1974. Your letter arrived during the Seminar on India's Population Future which was held by this Institute during 8-11 October 1974. Hence the delay in reply.

I have got in touch with Mrs. Tara Kanitkar and she is in process of preparing a draft project. I have still not had a chance to meet Mr. A. Chandra Sekhar. We shall finalise the proposal as soon as I get a chance to meet him. I am expecting to meet him sometime during the next week.

It was indeed a pleasure to have your visit to the Institute a few months back. I shall write to you as soon as we finalise the proposal.

With best personal regards to you and your family,

Yours sincerely,

(J. R. Rele)

Dr. K. C. Zachariah,  
Population and Human Resources Division  
Development Economics Department  
International Bank for Reconstruction and  
Development  
1818 H. Street, N.W. Washington, D.C. 20433,  
U.S.A.

RECEIVED

International Institute for Population Studies

का

अन्तर्राष्ट्रीय जनसंख्या अध्ययन

*File*



International Institute for Population Studies

Telephone : 251348  
Director : 251348  
Office : 251347

GOVANDI STATION ROAD,  
DEONAR, BOMBAY-68, 25.

DR. J. R. RELE  
DIRECTOR

November 7, 1974

*File/1022/74*

Dear Dr. Sachar,

I am thankful to you for your letter of 27 September 1974. Your letter arrived during the seminar on India's Population Future which was held by this Institute during 8-11 October 1974. Hence the delay in reply.

I have got in touch with Mrs. Tara Kanitkar and she is in process of preparing a draft project. I have still not had a chance to meet Mr. A. Chandra Sekhar. We shall finalise the proposal as soon as I get a chance to meet him. I am expecting to meet him sometime during the next week.

It was indeed a pleasure to have your visit to the Institute a few months back. I shall write to you as soon as we finalise the proposal.

With best personal regards to you and your family.

Yours sincerely,

*J. R. Rele*

(J. R. Rele)

Dr. K. C. Sachar,  
Population and Human Resources Division  
Development Economics Department  
International Bank for Reconstruction and  
Development  
1818 H. Street, N.W., Washington, D.C. 20433,  
U.S.A.

RECEIVED

RECEIVED

*Chow file:  
M. Z. Zachariah*

# THE THIRD SEMINAR ON DATA BASE OF INDIAN ECONOMY

29 — 31 December, 1974

Discussion on  
DEMOGRAPHIC DATA FOR SOCIAL AND ECONOMIC PLANNING

Organized by The Indian Econometric Society (TIES) and Indian Association for Study of Population (IASP)  
jointly with Indian Statistical Institute (ISI) and Institute of Economic Growth (IEG)

Venue : Indian Statistical Institute, New Mehrauli Road, New Delhi

ORGANIZING COMMITTEE

Dr. C. R. RAO  
President, TIES  
J-19 Hauz Khas  
New Delhi-16

Dr. ASOK MITRA  
President, IASP  
Rashtrapati Bhavan  
New Delhi-4

Prof. V. M. DANDEKAR  
Director  
Gokhale Institute of Politics &  
Economics  
Poona

B. S. MINHAS  
Research Professor, ISI  
J-19 Hauz Khas  
New Delhi-16

Prof. M. MUKHERJEE  
Director, RTS  
Indian Statistical Institute  
203 B. T. Road  
Calcutta-35

Prof. P. B. DESAI  
Institute of Economic Growth  
Delhi-7

*Programme Director*

Dr. ASHISH BOSE  
General Secretary, IASP  
Institute of Economic Growth  
Delhi-7

*IASP/3949/74*

29 October 1974

Dear Dr. Zachariah,

Thank you for your kind letter of September 30. I am extremely sorry for the great delay in replying to you. I was away in Calcutta on a personal work.

I am delighted you will be presenting a short paper for our session on Migration. This session will be chaired by Mr. Asok Mitra. On behalf of the Organizing Committee I am inviting you to be a discussant for our session on Internal Migration, Urbanization and Regional Planning which will be held on December 30.

As you are aware, our seminar will be held at the Indian Statistical Institute, New Mehrauli Road, New Delhi from December 29 to 31. I shall be grateful if you kindly let me know if you will be able to participate at our seminar.

With best regards,

Yours sincerely,

*Ashish Bose*

(Ashish Bose)

Dr. K.C. Zachariah,  
Population and Human Resources Division,  
Development Economics Department  
International Bank for Reconstruction and Development,  
1818 H. Street N.W.  
Washington D.C. 20433  
U.S.A.

*Correct of address*



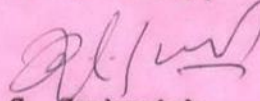
October 15, 1974

Manager  
Indian Airlines  
Trivandrum  
Kerala  
India

Dear Sir:

On August 17, 1974, I sent a box of about 58-kilos as unaccompanied baggage from Trivandrum to Bombay. I cleared this box in Bombay on August 26 from Air Freight India, Bombay. At that time I surrendered my copy of the Airway Bill to that office. I will appreciate very much if you can send a copy of the same as it is required in our office for reimbursement of my expenditure. If you cannot send a copy of the Airway Bill, please send at least a receipt for the amount I paid you which is about Rs.316.

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

cc: Mr. J. Edmonds

KCZ :st

Dear Sir,

My letter is prompted by your article in 'Finance and Development' (V5110/204) concerning population.

I am an Economics student at Edinburgh University, at present, engaged on a research thesis for my Masters Degree. I am interested in current research into the economic aspects of Population Policy, with special reference to Developing Countries.

I have only 6 months to complete my task. Therefore I have to rely on the research work of others, as my own research is limited.

I am calling on your vast experience and knowledge to suggest guidelines profitable to my thesis. If you could forward any research material of your own, or others, I would be truly grateful.

It is my first attempt at a work of this size (approximately 20,000 words) and I would like it to contain original work, to the extent of analyzing collective research of others, rather than repeating text-book material.

It is a dynamic subject and as such I feel any material embodied in text books would be outdated.

I believe you studied for a PhD in this field and any information that arose out of that valuable research, and could be forwarded, would be most helpful.

I hope to hear from you in the near future.

Yours sincerely, John K Walker.

RECEIVED

19TH SEP 30 PM 3:21

COMMUNICATIONS  
SECTION

FIRST FOLD HERE

SENDER'S NAME AND ADDRESS (PLEASE SHOW YOUR POSTCODE)

MR J.K. WALKER,  
GOSCHEN HOUSE,  
4, MERCHISTON AVENUE,  
EDINBURGH EH10.  
SCOTLAND.

AN AIR LETTER SHOULD  
NOT CONTAIN ANY ENCLOSURE;  
IF IT DOES IT MAY BE SURCHARGED  
OR SENT BY ORDINARY MAIL

SECOND FOLD HERE

BY AIR MAIL  
AIR LETTER  
PAR AVION AEROGARME



MR K.C. ZACHARIAN,  
SENIOR DEMOGRAPHER,  
DEVELOPMENT ECONOMICS DEPT.,  
WORLD BANK  
1818 M STREET N.W.,  
WASHINGTON D.C.  
U.S.A. 20433

TORN SLIT HERE

26/9/74

October 2, 1974

Dear Mr. Walker:

I have received your letter of September 26, 1974, but I am afraid I have nothing useful for your work which I can send from here. I feel that the enclosed bibliography prepared by Mr. Richard Bilsborrow will be of some use to you. I am sure you can get most of these in your library or at the London School of Economics.

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. J. K. Walker  
Goschen House  
4, Merchiston Avenue  
Edinburgh EH10  
SCOTLAND

Enclosure

KCZ:st

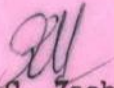
Yr. Ref: IASP/70

September 30, 1974

Dear Dr. Bose:

I will be happy to write a short note on statistical aspects on demographic data with special reference to data on migration for the forthcoming discussion on Demographic Data for Social and Economic Planning during December 29-31, 1974. I will certainly send it before the end of November.

Yours sincerely,



K.C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Dr. Ashish Bose  
General Secretary  
Indian Association for the  
Study of Population  
Institute of Economic Growth  
Delhi 110007  
India

KCZ:st

Washington, le 27 Septembre 1974

Monsieur M. Simonet  
20 bis, avenue Rene Coty  
75014 - Paris - France

Monsieur,

Votre lettre du 11 Juillet 1974 adreesee a Mr. K. C. Zachariah est arrivee durant les vacances d'ete, et ce n'est qu'apres notre retour que nous avons eu le plaisir de la lire. Nous vous prions d'accepter nos regrets pour le delai de notre reponse.

On ne peut, cher Monsieur, vous oublier; tout au contraire; nous deux avons eu le plaisir de discuter fructueusement avec vous a Abidjian en 1971, et sommes heureux de voir que notre mission a precipite promouvoir le premier recensement demographique de la Cote-d'Ivoire.

Quant a la question de votre interet personnel aux programmes de recherches demographiques de la Banque Mondiale, particulierement aux etudes demographiques du Continent Africain, ea nous donne le plaisir de vous informer que la Division de Population et des Ressources Humaines de la Banque, est en train de lancer un projet de recherches relatif aux problemes de migration dans les pays de l'Afrique de l'Ouest. Le projet est au stade de sa conception, et comme vous le savez si bien, les projets de recherches demandent toujours un temps appreciable pour passer du stade de la conception a la phase de la realisation. Les raisons peuvent etre soit techniques soit budgetaires.

De toute facon, au cas ou la banque accepte les propositions de la Division, nous serons tous deux, heureux, de son mettre votre nous comme candidat participant au projet.

Tout en etant, tout deux, heureux de vous lire, Veuillez accepter, cher Monsieur, nos salutations les meilleurs.



Joseph E. Gholi  
Population and Human Resources Division  
Development Economics Department

JEG:hs

cc: TKing  
✓ Zachariah

September 27, 1974

Dear Dr. Rele:

I am sorry for the delay in writing to you about the proposal to organize a comparative study of the family planning performance of the 395 primary health units in Maharashtra using available service statistics. Our division in the Bank will be happy to provide the necessary funds (maximum \$5,000) for the project if a formal request is made to us after getting the necessary clearance from the appropriate office in the Government of India. I am sure that Mrs. Tara Kanitkar can prepare a project rather quickly and you can get the necessary clearance with Mr. A. Chandrasekaran's assistance. He is aware of our interest in the project.

I am glad that I got a chance this time to spend a few days at the institute and renew my acquaintance with your colleagues and students. I hope you will keep me informed on the development of the Centre.

Yours sincerely,

K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Dr. J. R. Rele  
International Institute for  
Population Studies  
Deonar, Bombay 400-088  
INDIA

KCZ:st

cc and cleared with: Mr. T. King

*File*

# THE INSTITUTE OF DEVELOPMENT STUDIES

at THE UNIVERSITY OF SUSSEX, ANDREW COHEN BUILDING, FALMER, BRIGHTON BN1 9RE

Telephone: BRIGHTON (0273) 66261

Telegrams: DEVELOPMENT BRIGHTON

Telex No. 877151

A Charitable Company limited by guarantee. Registered in London. No. 877338.

Dr K C Zachariah  
Population and Human Resources  
Division  
Development Economics Department  
International Bank for Reconstruction  
and Development  
1818 H Street NW  
Washington DC  
20433  
USA

Your reference

Our reference TD/SJ

Date 20 September 1974

Dear Dr Zachariah

I am writing in reply to your letter to Robert Cassen of June 13. Robert wishes to thank you for having written. He has suggested, however, that I reply to your points in detail.

I must apologise for the delay, but it seemed a good idea both to pursue some analytical matters further, and to mull over some of the points you made. May I thank you at the outset for having read the paper and commented in such detail.

Let me begin by tackling the question as to the validity of the two parameter model life-tables. The alpha values are subject to typical limitations consequent on estimating adult mortality from inter-censal survivorship.

The beta values are more interesting in that they reflect the apparent fact that Indian infant mortality is comparatively high in comparison with mortality at adult ages. The beta values, which usually vary between 0.7 and 1.4, with a central value of 1.0, are very low (.76 and .83). Such low values are frequently found in Africa, when working with this standard life-table.

Further indications that something is not quite right come from the application of the Demery-Shorter age-correction technique. Utilizing the derived female life-tables the correction factor for the age-group 60+ is much too high: it is unrealistic in that it implies no age-overstatement. The implication is that the derived LT's are inadequate at later adult ages: they give too high survivorship.

Part of their inadequacy no doubt stems from the logic of Brass' beta parameter which is such that any 'raising' of infant/childhood mortality (referent to standard) must inevitably mean a lowering of late adult mortality.

Continued. .... /

RECEIVED



THE INSTITUTE OF DEVELOPMENT STUDIES

at THE UNIVERSITY OF SUSSEX, ANDREW COHEN BUILDING, PALMER BRIDGE, BRIGHTON BN1 9QJ

TELEPHONE 01323 556911

Development Studies, Institute of Development Studies, University of Sussex, Brighton BN1 9QJ, Sussex, England

1974

Faint, illegible text, likely bleed-through from the reverse side of the page.

RECEIVED  
1974 OCT -1 PM 12: 29  
INCOMING MAIL UNIT

Additionally the African-standard is itself probably inadequate for India at such higher ages. We need new standard models for India. Perhaps the North system is better than the African in this instance. But ideally we would like new 'Indian standards'.

Turning to the question as to the total population size, I do not mean to imply that the official underenumeration figure of 1.7% is low 'simply because' such a per cent would be regarded as quite good even by western standards. The statement is made on the basis of the seemingly high level of underenumeration of the first age-group (0-4). The assertion that the total population is considerably larger than that enumerated is also made mostly on this basis (ie: on the high levels of underenumeration at 0-4) it contains the assumption that "underenumeration must also have occurred at ages above four"(p.22). I regarded it as rash to try to correct for underenumeration at later ages, (interestingly ORG Baroda recently estimated the 1971 total population as 585 millions).

Turning now to the age-distribution, as you pointed out, the numbers at 5-9 in the 'graduated' age-distribution imply an 11% reduction in total fertility. Such a large reduction is improbable.

There is no doubt that the 5-9 figure is too high (and the 10-14 figure too low). I did not graduate the female distribution at these ages because, short of conducting a 'double-smoothing' there seemed no valid way of overcoming the problem.

One alternative, since applied, is to fit a quadratic curve to the first three dicennial age-groups. This does slightly reduce those at 5-9 ( from 396,525 to 394,116). But this adjustment still implies a high percentage fertility decline (10%).

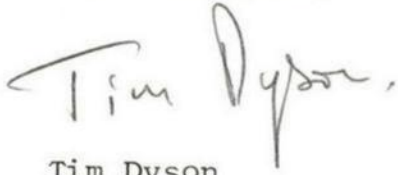
Two additional 'riders' are (i) that mortality may have marginally worsened between the periods. This would decrease the implied percentage decline. I don't know what to think on this issue. In any event any worsening was probably marginal, and, as such would have only a slight effect on the issue, and (ii) that there is nothing sacred about the figure of 6.1 for the 1966-1971 total fertility. The true figure might be slightly higher. Indeed a doctoral student in London has recently estimated TFR from the 'Brass questions' on the Baroda contraceptive survey. She arrives at a provisional figure of 6.2 which she regards as slightly too high. Again this would 'lessen' the implied rate of fertility decline of the 5-9 figures.

Such considerations go some of the way in explaining the discrepancy you noted. In any event, let me reiterate that the assumption in the paper was that of "maintaining the same proportion of the population between ages 5 and 14 (p16). What little indication I can get from various manipulators (including the Demery-Shorter method), is that this is reasonable. But as you point out the enumerated numbers at 5-9 are too high. However apart from the slight quadratic-type adjustments noted above, I am hesitant about manipulating the data much more — feeling that the general conclusions do not require it.

Continued...../

However, in concluding may I thank you again for your valuable comments; that regarding the 5-9 age-group has been particularly informing.

Yours sincerely

A handwritten signature in cursive script that reads "Tim Dyson". The signature is written in dark ink and is positioned above the printed name.

Tim Dyson

# IASP

INDIAN ASSOCIATION FOR THE STUDY OF POPULATION

*File*

PRESIDENT : ASOK MITRA  
VICE PRESIDENTS : A. CHANDRA SEKHAR  
S. P. JAIN  
TREASURER : S. RAGHAVACHARI  
GENERAL SECRETARY : ASHISH BOSE

C/O INSTITUTE OF ECONOMIC GROWTH  
DELHI 110007  
PHONE: 22 34 86

REF. NO. *IASP/70*

10 September 1974

Dear Dr. Zachariah,

In order to improve the quality of demographic data on a long term basis and to make specific suggestions in regard to the 1981 Census, IASP has convened a seminar on DEMOGRAPHIC DATA FOR SOCIAL AND ECONOMIC PLANNING in collaboration with Dr. C.R. Rao. We shall be grateful if you kindly send us a short paper on statistical aspects of Demographic Data and in particular, the census. Needless to say, it is important to improve the statistical content of demographic data for better social and economic planning. Your contribution in this regard will be very valuable.

We are not looking for formal, full length papers. We need a large number of original ideas and specific suggestions which will be incorporated into a meaningful document by a special Working Group which will be set up at the end of the seminar. We shall be grateful if you kindly send us two typed copies of your paper by November, 30, 1974.

With best regards,

Yours sincerely,

*Ashish Bose*  
(Ashish Bose)

*C*  
Dr. K.G. Zachariah,  
Senior Dept. Economics Department,  
International Bank of Reconstruction &  
Development,  
1818, H. Street, N.W.  
Washington D.C.  
U.S.A.

*Demographer*

*\* with special reference to data on migration*

RECEIVED

1974 SEP 24 PM 4:33

INCOMING MAIL UNIT

D.S.V.  
Washington D.C.  
1818 N. Street, N.W.  
Delegation  
International Bank of Reconstruction &  
Senior Dept. Economic Department  
Dr. K.C. Deshpande

(Vasudevan Bose)

*Vasudevan Bose*

Don't forget to reply

With best regards,

30<sup>th</sup> 1974  
Kindly send me the latest copies of your paper as well as the copy of the seminar. We shall be glad to have your comments on the abstracts of the seminar. We shall be glad to have your views on the seminar. We shall be glad to have your views on the seminar.

Your contribution in this regard will be very valuable. of demographic data for policy making and economic planning. to say, it is important to include the demographic content of demographic data and in particular, the seminar. We shall be glad to have your views on the seminar. We shall be glad to have your views on the seminar. We shall be glad to have your views on the seminar.

Best Dr. Deshpande

10 September 1974

REF NO: B/7/130

- GENERAL SECRETARY: VASUDEVAN BOSE
- MEMBER: DR. K. C. DESHPANDE
- MEMBER: DR. P. L. SINGH
- MEMBER: DR. CHANDRA SEKHAR
- MEMBER: DR. S. K. MITRA

PHONE: 33 24 86  
DEPT: 110001  
CIA INSTITUTE OF ECONOMIC GROWTH

INDIAN ASSOCIATION FOR THE STUDY OF POPULATION

IASP

*Handwritten mark*

# THE THIRD SEMINAR ON DATA BASE OF INDIAN ECONOMY

29 — 31 December, 1974

Discussion on  
DEMOGRAPHIC DATA FOR SOCIAL AND ECONOMIC PLANNING

Organized by The Indian Econometric Society (TIES) and Indian Association for Study of Population (IASP)  
jointly with Indian Statistical Institute (ISI) and Institute of Economic Growth (IEG)

Venue : Indian Statistical Institute, New Mehrauli Road, New Delhi

## ORGANIZING COMMITTEE

Dr. C. R. RAO  
President, TIES  
J-19 Hauz Khas  
New Delhi-16

Dr. ASOK MITRA  
President, IASP  
Rashtrapati Bhavan  
New Delhi-4

Prof. V. M. DANDEKAR  
Director  
Gokhale Institute of Politics &  
Economics  
Poona

B. S. MINHAS  
Research Professor, ISI  
J-19 Hauz Khas  
New Delhi-16

Prof. M. MUKHERJEE  
Director, RTS  
Indian Statistical Institute  
203 B. T. Road  
Calcutta-35

Prof. P. B. DESAI  
Institute of Economic Growth  
Delhi-7

### Programme Director

Dr. ASHISH BOSE  
General Secretary, IASP  
Institute of Economic Growth  
Delhi-7

## ANNOUNCEMENT AND CALL FOR PARTICIPATION

**Purpose :** The Third Seminar on Data Base of Indian Economy will be held on 29, 30, 31 December, 1974. The first seminar was held at Delhi in 1972 and the second at Poona in 1973. The third seminar planned in connection with the *World Population Year (1974)* will focus attention on the state of demographic data in India with special reference to social and economic planning.

**Program :** There will be four technical sessions as follows:

- (1) Mortality, Morbidity, Fertility and Family Planning
- (2) Labour Force—Employment, Unemployment and Underemployment
- (3) Internal Migration and Urbanization with special reference to the demographic data requirements for master plans of cities and regional plans
- (4) Blue Print for the 1981 Census

For each session there will be one comprehensive background paper giving sources of data with gaps and deficiencies if any, and suggesting areas in which wider collection of data is desirable and measures for improving their quality. This will be followed by presentation of invited and contributed papers on Demographic methodology and applications.

**Publication :** Papers presented at the seminar together with discussions will be published.

**Deadline for papers :** The last date for receiving papers is 31 October 1974. Two typed copies of each should be sent to Dr. Ashish Bose, the Program Director.

**Accommodation :** Limited accommodation is available in the ISI Guest House and hostel in Delhi. Please write to **Executive Officer, Indian Statistical Institute, J-19, Hauz Khas, New Delhi-16**, if you need accommodation during the seminar. The organizers do not take any responsibility for reserving accommodation elsewhere.

**Invitation :** All those interested are cordially invited to attend. Please write to Dr. Ashish Bose by 30 September 1974 if you wish to attend, indicating in what way you wish to participate in the seminar. If you wish to present a paper, please inform the title at your earliest convenience.

C. R. RAO  
Secretary & Director  
Indian Statistical Institute

DEMOGRAPHY

Date sent September 9, 1974  
(After receiving manuscript, please  
evaluate within 2 weeks).

REFEREE'S REPORT TO THE EDITOR

Manuscript Title ANALYSIS AND ADJUSTMENT OF THE 1971 INDIAN AGE DISTRIBUTION  
AND A REAPPRAISAL OF MORTALITY AND FERTILITY ESTIMATES

RECOMMENDATIONS

check  
onecheck  
one

a) Publishable as submitted or with only minor edito- rial changes	Yes <input checked="" type="checkbox"/>	High priority	<input type="checkbox"/>
		Low priority	<input checked="" type="checkbox"/>
	No <input type="checkbox"/>	Encourage revision	<input type="checkbox"/>
		Do not encourage	<input type="checkbox"/>

b) Send to the following referee: \_\_\_\_\_

c) Please return manuscript when returning evaluation.

d) Evaluation for the editor.

The paper is of high technical calibre and the estimates are not unrealistic. I gave low priority for the publication of the paper because of a few other considerations. First, one of the objectives of the paper is a reappraisal of the mortality and fertility estimates. In my opinion, these two parameters are really assumed not estimated in the paper. The mortality level is clearly stated to be an assumption (p.2). In the case of fertility, the results of the analysis in the paper give a TFR of 7.0, but the level finally accepted is a TFR of 6.1 which is based on a plausible assumption about the degree of under-enumeration in the Indian Sample Registration System. Second, because of the difference between the assumed (6.1) and the derived (7.0) TFR there is some inconsistency between the fertility rate and the adjusted age distribution. For example, the proportion of persons in the age group 5-9 indicates a much higher fertility level. Alternately, one has to assume a significant decline in fertility between 1961-65 and 1966-71. Thirdly, since the publication of the 1971 census age data, several studies have attempted to estimate the basic demographic parameters including one by the Government of India. I do not find any references to these studies and reasons to show that the estimates given in the paper are better than those made in the other papers.

Some editorial comments: Page 11 - Change B to  $\beta$  in the equation in line 6  
Check whether it is 0-4 years (line 10) or 0-14 yrs

Table 2 - Rewrite  $\approx 1_{x+2}$  more clearly in column headings (7) and (8). \*  
SUGGESTIONS FOR REVISION, EDITORIAL AND SUBSTANTIVE, SHOULD BE MADE ON THE ATTACHED PAGES (IN DUPLICATE) FOR TRANSMITTAL TO THE AUTHOR.

Referee's signature *W. C. Zacharuk* Date September 30, 1974

(W. C. Zacharuk)

Charles B. Nam, Editor, DEMOGRAPHY  
Population and Migration Research Center, Institute for Social Research  
Florida State University, Tallahassee, Florida 32306

Table 6: The parameters given at the bottom may not refer to 1971 but to some other periods (e.g.,  $e_0$  is for 1961-1971.

THE GANDHIGRAM INSTITUTE OF RURAL HEALTH & FAMILY PLANNING  
P. O. AMBATHURAI R. S. MADURAI DISTRICT TAMIL NADU INDIA 624309

CHAIRMAN:  
DR. (MRS.) T. S. SOUNDHAM RAMACHANDRAN.  
M. B. B. S., D. G. O.

DIRECTOR:  
DR. K. A. PISHAROTI,  
B. E. (HONS), M. E. (P.H.), DR. P. H.

AMBATHURAI RLY. STN. (S. RLY.)  
PHONE: OFFICE —246 CHINNALAPATTI  
DIRECTOR { PERS.—247 DO.  
RES.—293 DO.

GRAMS: HEFA  
GANDHIGRAM-MADURAI

Ref: GIRH/

1296

Date 10-7-1974

Dr. K.C.Zachariah  
Population and Human Resources Division  
Development Economics Department  
International Bank for Reconstruction  
and Development  
1818 H Street, N.W.  
Washington D.C. 20433  
U. S . A.


Dear Dr. Zachariah,

I am happy to have your letter dated July 1, 1974.

It will be a pleasure to have you either on 26th or 27th of July, '74. Please let us know the date and time of arrival so as to make necessary arrangements for your Boarding and Lodging.

Thanking you and with personal regards,

Yours sincerely,

  
(Dr.K.A.Pisharoti.)  
Director



AMBATHURAI R.V. STN. (R. R.V.)  
PHONE: OFFICE - 248 CHINNIALAPATTI  
DIRECTOR { PERS. - 247 DO.  
RES. - 292 DO.  
GRAMS: HETA  
GANDHIGRAM-MADURAI

CHAIRMAN:  
DR. (MRS.) T. S. SOUNDARAM RAMACHANDRAN.  
M. B. S. S. D. D. O.  
DIRECTOR:  
DR. K. A. PISHAROTTI.  
D. S. (HONS), M. E. (P.H.), DR. P. H.

Date: 10-7-1974

Ref: GIRH/1822

RECEIVED

1974 JUL 18 AM 9:13

COMMUNICATIONS SECTION

Dr. K. G. Satharish  
Population and Human Resources Division  
Development Economics Department  
International Bank for Reconstruction  
and Development  
1818 H Street, N.W.  
Washington D.C. 20433  
U. S. A.


Dear Mr. Satharish,

I am happy to have your letter dated July 1974.

It will be a pleasure to have you either on 26th or 27th of July, '74. Please let us know the date and time of arrival so as to make necessary arrangements for your boarding and lodging.

Thanking you and with personal regards,

Yours sincerely,

  
(Dr. K. A. Pisharotti.)  
Director



INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

1818 H Street, N.W., Washington, D. C. 20433, U.S.A.

Ames Code 202 - Telephone - EXecutive 3-6360 - Cable Address - INTBAFRAD

July 19, 1974

Dr. K. A. Pisharoti  
Director  
The Gandhigram Institute of Rural Health  
and Family Planning  
P. O. Ambathurai R. S.  
Madurai District  
Tamil Nadu 624309  
India

Dear Dr. Pisharoti:

Greetings. I am writing with reference to your letter No. 1286 dated July 10, 1974, addressed to Dr. Zachariah.

I wish your letter had been sent to Zachariah at his Kerala address which was given in his letter of July 1, 1974. Since this has not happened, I am forwarding your letter to Zachariah but it is not likely that he would receive it before July 26. I expect that he will contact you to ascertain an alternative convenient date for his visit to your Institute.

Turning to other things, I had spoken a few weeks ago to Shri Muthiah in connection with the estimated decline in the birth rate in Athoor Block. Is it true that the crude birth rate in the Block has declined from about 40 around 1959 to less than 30 in 1969? Muthiah mentioned that the report on the standard fertility survey has now been published and it would provide a detailed discussion of the subject. I shall appreciate if you can kindly send me a copy of this report. In the meanwhile, a brief answer to the basic question would also be very helpful.

Could you also place my name on the mailing list for the Bulletin of your Institute?

Please convey my best regards to Dr. P. R. Dutt and Dr. Kurup.

With best wishes and regards,

Sincerely yours,

*Pravin Visaria*

Pravin Visaria  
Population and Human Resources Division  
Development Economics Department

cc: Dr. K. C. Zachariah



INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT

1818 H Street, N.W., Washington, D. C. 20433, U.S.A.

Area Code 202 - Telephone - EX. ext. 36360 - Cable Address - INTBAFRAD

*M. Zerkov*

July 17, 1974

Mr. M. A. Telang  
Director  
Bureau of Economics and Statistics  
Government of Maharashtra  
Old Customs House Building  
Bombay, India 400 001

Dear Mr. Telang:

You might be interested to know that the World Bank is currently interested in a comprehensive review and analysis of the various dimensions of urban poverty. One of the key issues we wish to examine is the extent to which the number of urban poor increases because of differentials in the rates of natural increase according to the income level. For this purpose, we are interested in exploring differences among various income groups - both in urban and rural areas - with respect to:

- (a) Mortality rates by age, including infant mortality;
- (b) Age-specific fertility rates;
- (c) Acceptance and use of family planning.

I am writing to inquire whether it will be possible for you to provide some information on these subjects on the basis of the State sample data for Greater Bombay, other urban areas and rural areas of Maharashtra. If my memory is correct, data on birth, death and infant mortality rates were indeed tabulated by per capita monthly household expenditure for the 17th Round (1961-1962) and the 18th Round (1963-1964), probably by 30 fractile groups. We can accept expenditure as a proxy for incomes. If these data can be extracted for Greater Bombay and other urban areas of Maharashtra, separately or together, we would very much like to see them. We would like to attempt a similar analysis also for rural areas of Maharashtra, if that is possible.

An important issue is the extent to which the observed differentials reflect variations in sex-age-marital status composition of the households in different expenditure classes. It would be useful, therefore, if it is possible to standardize the birth and death rates for differences in sex-age and marital status composition. Because of problems of sample size, it may be necessary to attempt standardization only for quintiles or quartiles of households. Alternatively, if you can work out age-specific fertility and mortality rates for households in different per capita expenditure classes of household, some indirect standardization may also be possible.

Mr. M. A. Telang

With regard to acceptance and use of family planning, can we tabulate the data that were collected in the late 1960's by expenditure class?

Could you kindly let me know about the availability of the information in which we are interested? If the necessary tables have not been compiled or if it is necessary to put some overtime work to analyze the information that has already been compiled, can you please send an estimate of the additional expenditure involved? We would like to have this information as quickly as possible, preferably by the end of September. An early response indicating the broad facts about the availability of the data will be deeply appreciated.

With kind regards,

Yours sincerely,

*Pravin Visaria*

Pravin Visaria  
Population and Human Resources Div.  
Development Economics Department

cc and cleared with: T. King

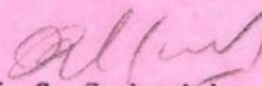
July 1, 1974

Dear Dr. Bose:

I will be in India during July-August on home leave and in Delhi during August. <sup>1-3</sup> Sometime during this period I would like to come to your institute and meet you and Mr. Desai. Please let me know whether this will be convenient for you. My address in India is given below.

Thattail House  
Anaprampal South P.O.  
KERALA

Yours sincerely,

  
K. C. Zachariah

Population and Human Resources Division  
Development Economics Department

Dr. Ashish Bose  
Institute of Economic Growth  
Delhi 110 007  
INDIA

July 1, 1974

Dear Mr. Chari:

I have heard from Dr. Visaria that you have succeeded Mr. A. Chandra Sekhar as Registrar General of India. I know most research staff of your office but I am not sure I had a chance to meet you earlier. I was working at the demographic center in Bombay for over ten years before I joined the United Nations in 1966. I came to the Bank in early 1971.

I will be in India during July-August on home leave and I plan to spend a few days visiting demographic centers in Delhi. During this time I would like to come to your office and meet you and renew my acquaintance with your staff and learn about recent developments related to the sample registration system and the census tabulation program. Please let me know at the address given below whether I can meet you in Delhi sometime during August 1-3, 1974.

Thattail House  
Anaprampal South P. O.  
KERALA

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. R. B. Chari  
Registrar General  
2A Man Singh Road  
NEW DELHI 110 011  
INDIA

July 1, 1974

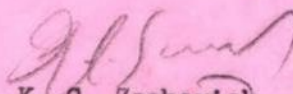
Dear Dr. Pisharoti:

I have been wanting to visit your institute ever since I got interested in the field of population. For one reason or another I could not make it so far. I know a number of your research staff and in fact some of your former staff were my students. I was working at the demographic center in Bombay before I joined the United Nations in 1966. I came to the Bank in early 1971.

I will be in India during July-August on home leave and I hope to visit Gandhigram sometime towards the end of July. Please let me know whether you will be in the institute during this time and whether I can visit you around the 26th or 27th of July. My address in India is given below.

Thattail House  
Anaprampal South P. O.  
KERALA

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Dr. K. A. Pisharoti, Director  
Gandhigram Institute of Rural Health  
and Family Planning  
Gandhigram  
Ambathurai R. S. P. O.  
Madurai District  
TAMIL NADU

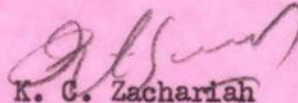
July 1, 1974

Dear Mr. Chandra Sekhar:

As I mentioned to you sometime back when you came to the Bank, I will be in India during July-August on home leave. I hope to visit Delhi during August 1-3 and sometime during this period, I would like to meet you. Please let me know the convenient time. My address in India is given below.

Thattail House  
Anaprampal South P. O.  
KERALA

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. A. Chandra Sekhar  
Secretary  
Department of Family Planning  
Government of India  
Nirman Bhavan  
New Delhi 1  
INDIA





# Record Removal Notice



<b>File Title</b> K.C. Zachariah - Chronological Records - January 8 - December 5, 1974		<b>Barcode No.</b>  30171674		
<b>Document Date</b> 27 June, 1974	<b>Document Type</b> Letter #			
<b>Correspondents / Participants</b> To : Mr. D. G. Shouler From : K. C. Zachariah				
<b>Subject / Title</b> Bio data of a candidate				
<b>Exception(s)</b> Personal Information				
<b>Additional Comments</b>		<p>The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information. This Policy can be found on the World Bank Access to Information website.</p> <table border="1"><tr><td><b>Withdrawn by</b> Chandra Kumar</td><td><b>Date</b> 13-Feb-15</td></tr></table>	<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15
<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15			



# Record Removal Notice



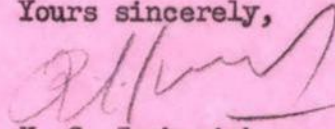
<b>File Title</b> K.C. Zachariah - Chronological Records - January 8 - December 5, 1974		<b>Barcode No.</b>  30171674		
<b>Document Date</b> 20 June, 1974	<b>Document Type</b> Letter #			
<b>Correspondents / Participants</b> To : Mr. K. C. Zachariah From : Henry Y. Annan				
<b>Subject / Title</b> Bio data of Henry Y. Annan				
<b>Exception(s)</b> Personal Information				
<b>Additional Comments</b>		<p>The item(s) identified above has/have been removed in accordance with The World Bank Policy on Access to Information. This Policy can be found on the World Bank Access to Information website.</p> <table border="1"><tr><td><b>Withdrawn by</b> Chandra Kumar</td><td><b>Date</b> 13-Feb-15</td></tr></table>	<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15
<b>Withdrawn by</b> Chandra Kumar	<b>Date</b> 13-Feb-15			

June 19, 1974

Dear Dr. Jaipal:

I will be coming to Bombay on the 7th of July and shall stay at Mr. Paniklal's house. If you are free on that day I would like to see you for a short period at Chembur. I will be in India for nearly two months and I hope to spend a few days at the University with you and Mr. Mahonty either towards the end of my leave (i.e., around the 20th of August) or sometimes earlier, if I visit Bombay.

Yours sincerely,



K. C. Zachariah

Population and Human Resources Division  
Development Economics Department

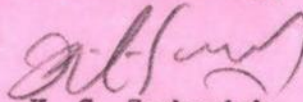
Dr. J. Ambannavar  
Department of Economics  
University of Bombay  
Kalina  
Santacruz East  
Bombay 400029  
INDIA

June 18, 1974

Dear Dr. Rele:

I will be in India during July-August and would like to meet you and your colleagues some time during this period. On my way to Kerala, I will be stopping in Bombay for two days. I would like to see you for a few hours during this period preferably on Sunday July 7th at the Institute if you are staying there, or at Panikal's house where I shall stay. I shall leave for Trivanandram on Tuesday, July 9th. On the way back to Washington, D. C., or during the holidays I would like to spend a few days with you at the Institute to discuss my proposal for a research on inter-district variation performance of family planning in India.

Yours sincerely,



K. C. Zachariah

Population and Human Resources Division  
Development Economics Department

Dr. J. R. Rele  
I. I. P. S.  
Deonar, Bombay 88  
INDIA

June 13, 1974

Mr. R. Cassen  
Institute of Development Studies  
University of Sussex  
Falmer BN1 9RE'  
ENGLAND

Dear Mr. Cassen:

I am sorry for the delay in replying your letter. I received the necessary data from the UN only last Friday. A table giving the birth rates, death rates, expectation of life at birth and GRR is enclosed. Please do not quote the UN as the source of these data.

I have read Mr. Dyson's paper on "Analysis and Adjustment of the 1971 Indian Age Distribution and a Reappraisal of Mortality and Fertility Estimates" with great interest. There is no doubt that the paper is of high technical caliber. I did not find anything wrong with the methods or any major inconsistency in the estimates. "The results seem plausible, and this is perhaps their main claim to validity given the nature of the work" (page 14). I fully agree.

The first step in an analysis of this type is the estimation of mortality and fertility levels. In Mr. Dyson's study, both these parameters are more or less assumed and not derived. In the case of mortality, the accepted level of infant mortality is clearly stated to be an assumption (page 2), but in the case of fertility some analysis has been done to estimate the level, but at the end it is not the results of the analysis but a plausible assumption about the degree of under-enumeration in the sample registration system that determined the level of TFR (page 18). Given the nature of the data, such simple procedures are perhaps as good as alternate more complicated estimation procedures.

The major part of Mr. Dyson's analysis is devoted to construction of life table (given the level of infant mortality rate), and estimation of the total population in 1971 by age and sex (given the TFR and enumerated population by age and sex). Intuitively I feel that a two-parameter model is likely to give a better life table for India than a one-parameter model. But the results also depend on the numerical values of the two-parameters. I have no basis to evaluate the validity of Mr. Dyson's parameters; but I presume that they are the best that can be obtained.

June 13, 1974

Mr. Dyson has used the graduation method to estimate the age-sex composition and concludes that "the results are certainly an improvement on the raw data" (page 16). I certainly agree; the age distortions in the Indian census data are so great that even very simple graduation will be an improvement over raw data. Therefore, the validity of Mr. Dyson's method cannot be evaluated on the basis of a comparison with raw data. An alternate way is to check for consistency. The population 0-4 years is certainly consistent with the level of fertility and mortality as the former is derived from the latter. What about the population 5-9 years? My own rough calculations indicate that these figures imply that the TFR was at least 6.77 during 1961-1966 or 11 per cent higher than the estimate of 6.1 for 1966-1971. The decline has to be even greater, if mortality had also declined during the period. Projection of the same rate of decline would result in a TFR of 5.8 for 1971.

One concluding comment on the total population of the country. Although I agree that the actual population is larger than the enumerated population, I cannot quite agree with the argument that the error (for total population) in the Indian census must be larger than 1.7 per cent simply because such a per cent would be regarded "as quite good even by western standards" (page 22). In many respects, it may be easier to enumerate a static population like the Indian population with about 80 per cent living in villages than a highly mobile western population. The evidence given in the present paper is not sufficient to convince me that the total Indian population "is considerably larger than that enumerated".

Yours sincerely,

K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Enclosure

cc: Messrs. T. King  
P. Visaria

Table : CRUDE BIRTH RATE, CRUDE DEATH RATE, GROSS REPRODUCTION RATE AND LIFE EXPECTANCY BY COUNTRIES, 1970-1975

Serial No.	Country	B.R.	D.R.	G.R.R.	e <sub>0</sub>
1	Burundi	41.8	24.9	3.10	39.0
2	Comori islands	46.2	20.8	3.00	42.5
3	✓ Ethiopia	49.5	23.8	3.30	40.0
4	✓ Kenya	47.3	16.7	3.30	50.0
5	✓ Madagascar	47.4	21.9	3.30	43.5
6	Malawi	47.7	23.7	3.00	41.0
7	Mauritius	24.4	6.8	1.59	65.5
8	Mozambique	43.1	20.1	2.80	43.5
9	Reunion	39.1	8.9	2.72	63.0
10	Rwanda	50.0	23.6	3.40	41.0
11	Somalia	50.0	22.1	3.20	41.0
12	Southern Rhodesia	47.9	14.4	3.25	51.5
13	Uganda	46.8	15.7	3.00	50.0
14	Tanzania	50.1	23.4	3.30	44.5
15	Zambia	51.5	20.3	3.40	44.5
16	Angola	48.2	25.2	3.20	38.5
17	Cameroon	40.4	22.0	2.70	41.0
18	Central African Rep.	43.2	22.5	2.70	41.0
19	Chad	52.9	24.4	3.20	40.0
20	Congo	45.1	20.8	2.85	43.5
21	Equatorial Guinea	36.8	19.7	2.50	43.5
22	Gabon	32.2	22.2	2.00	41.0
23	Zaire	45.2	20.5	2.90	43.5
24	Algeria	49.4	16.6	3.50	51.5
25	Egypt	37.8	15.0	2.53	50.7
26	Libya	44.7	14.7	3.32	52.9
27	Morocco	49.1	15.8	3.40	51.2
28	Sudan	47.8	18.5	3.40	47.2
29	Tunisia	41.0	13.9	3.37	54.1
30	Botswana	45.6	23.0	2.90	43.5
31	Lesotho	39.0	19.7	2.50	46.0
32	Nambia	45.5	23.4	3.00	41.0
33	South Africa	43.1	15.5	2.75	51.5
34	Swaziland	49.0	21.8	3.20	43.5
35	Cape Verde islands	32.8	13.7	2.00	50.0
36	Dahomey	49.9	23.0	3.30	41.0
37	Gambia	43.2	21.3	2.80	43.5
38	Ghana	48.8	21.9	3.30	43.5
39	Guinea	46.6	22.8	3.05	41.0
40	Ivory Coast	45.6	20.6	3.05	43.5
41	Liberia	50.7	22.3	3.17	43.5
42	Mali	46.7	23.5	3.30	39.0
43	Mauritania	48.8	23.4	3.20	41.0
44	Niger	49.6	23.5	3.50	41.0
45	Nigeria	49.3	22.7	3.30	41.0

Table : CRUDE BIRTH RATE, CRUDE DEATH RATE. GROSS REPRODUCTION RATE AND LIFE EXPECTANCY BY COUNTRIES, 1970-1975

Serial No.	Country	B.R.	D.R.	G.R.R.	e <sub>0</sub>
46	Portuguese Guinea	40.1	25.1	2.60	38.5
47	Senegal	47.3	22.2	3.10	42.0
48	Sierra Leone	41.9	20.2	2.70	43.5
49	Togo	50.5	23.2	3.30	41.0
50	Upper Volta	48.5	24.9	3.20	39.0
51	Barbados	21.6	8.9	1.50	69.1
52	Cuba	28.9	5.9	1.97	72.3
53	Dominican Republic	45.8	11.0	3.38	57.8
54	Guadeloupe	29.3	6.4	2.25	69.4
55	Haiti	42.0	17.2	2.84	47.5
56	Jamaica	33.2	7.1	2.65	69.5
57	Martinique	29.7	6.7	2.25	69.4
58	Puerto Rico	22.6	6.7	1.37	72.1
59	Trinidad and Tobago	25.3	5.9	1.65	69.5
60	Costa Rica	33.4	5.9	2.27	68.2
61	El Salvador	42.2	11.1	3.02	57.8
62	Guatemala	42.8	13.7	2.96	52.9
63	Honduras	49.3	14.6	3.55	53.5
64	Mexico	42.0	8.6	3.15	63.2
65	Nicaragua	48.3	13.9	3.38	52.9
66	Panama	36.2	7.1	2.47	66.5
67	Argentina	21.8	8.8	1.45	68.2
68	Chile	25.9	8.1	1.65	64.3
69	Uruguay	20.8	9.2	1.42	70.1
70	Bolivia	43.7	18.0	3.00	46.7
71	Brazil	37.1	8.8	2.51	61.4
72	Colombia	40.6	8.8	2.87	60.9
73	Ecuador	41.8	9.5	3.07	59.6
74	Guyana	32.4	5.9	2.22	67.9
75	Paraguay	42.2	8.6	2.93	61.5
76	Peru	41.0	11.9	2.83	55.7
77	Surinam	41.6	7.5	3.20	65.5
78	Venezuela	36.1	7.0	2.58	64.7
79	Canada	18.6	7.7	1.16	72.3
80	United States	16.2	9.4	1.07	71.3
81	China	26.7	10.2	1.84	61.6
82	Japan	19.2	6.6	1.05	73.3
83	Hong Kong	19.4	5.5	1.47	70.0
84	Korea (Dem. People's Republic of)	35.7	9.4	2.53	60.6
85	Korea (Republic of)	28.7	8.8	1.94	60.6
86	Mongolia	38.9	9.5	2.73	59.9
87	Burma	39.5	15.8	2.70	50.0
88	Indonesia	44.8	18.9	3.00	45.4
89	Khmer Republic	43.6	18.7	3.00	45.4
90	Laos	43.1	22.7	3.00	40.5



Table : CRUDE BIRTH RATE, CRUDE DEATH RATE, GROSS REPRODUCTION RATE AND LIFE EXPECTANCY BY COUNTRIES, 1970-1975

Serial No.	Country	B.R.	D.R.	G.R.R.	e <sub>0</sub>
91	Malaysia	39.0	9.8	2.80	59.4
92	Philippines	43.6	10.5	3.10	58.4
93	Portuguese Timor	44.3	23.0	3.00	40.0
94	Singapore	21.2	5.1	1.35	69.5
95	Thailand	43.7	10.4	3.13	58.6
96	Viet-Nam (Dem. Republic)	41.4	17.9	3.00	48.0
97	Viet-Nam (Republic of)	41.8	23.6	3.00	40.5
98	Afghanistan	49.2	23.8	3.35	40.3
99	Ehutan	44.5	21.7	3.00	42.3
100	India	41.1	16.3	2.84	49.2
101	Iran	45.3	15.6	3.38	51.0
102	Nepal	42.9	20.4	3.00	43.6
103	Pakistan	47.6	16.8	3.52	49.4
104	Sri Lanka	28.6	6.3	2.05	67.8
105	Cyprus	22.3	7.1	1.36	70.6
106	Iraq	49.2	14.8	3.48	52.6
107	Israel	26.2	6.7	1.76	70.5
108	Jordan	48.1	14.8	3.46	53.2
109	Kuwait	47.1	5.3	3.50	67.2
110	Lebanon	39.8	9.9	3.05	63.2
111	Saudi Arabia	49.5	20.0	3.50	45.5
112	Syria	46.9	14.4	3.46	53.8
113	Turkey	39.4	12.7	2.84	56.4
114	Yemen	49.5	20.0	3.50	45.5
115	Bulgaria	16.2	9.1	1.05	71.8
116	Czechoslovakia	16.9	11.2	1.05	69.3
117	Germany (Dem. Republic)	13.9	12.4	1.02	72.6
118	Hungary	15.3	11.5	0.95	69.5
119	Poland	16.8	8.5	1.02	70.1
120	Romania	19.3	10.3	1.27	67.2
121	Denmark	14.0	10.1	0.93	73.9
122	Finland	13.2	9.3	0.82	70.4
123	Iceland	19.2	7.7	1.26	73.9
124	Ireland	22.0	10.4	1.80	71.8
125	Norway	16.7	10.1	1.18	74.5
126	Sweden	14.2	10.5	0.97	74.5
127	United Kingdom	16.1	11.7	1.17	72.1
128	Albania	33.4	6.5	2.37	68.6
129	Greece	14.0	10.1	1.00	69.9
130	Italy	16.1	9.8	1.11	72.0
131	Malta	17.5	9.0	1.00	70.8
132	Portugal	18.4	10.1	1.26	68.0
133	Spain	19.5	8.3	1.40	72.1
134	Yugoslavia	18.2	9.2	1.14	67.5
135	Austria	14.6	12.2	1.08	71.2

Table : CRUDE BIRTH RATE, CRUDE DEATH RATE, GROSS  
REPRODUCTION RATE AND LIFE EXPECTANCY BY COUNTRIES, 1970-1975

Serial No.	Country	B.R.	G.R.	G.R.R.	e <sub>0</sub> <sup>o</sup>
136	Belgium	14.9	11.1	1.08	72.9
137	France	17.0	10.6	1.20	72.6
138	Germany (Federal Republic of)	12.1	12.0	0.89	70.6
139	Luxembourg	13.5	11.7	0.98	70.8
140	Netherlands	16.8	8.7	1.11	73.8
141	Switzerland	14.0	9.4	0.89	72.4
142	Australia	21.0	8.1	1.38	72.4
143	New Zealand	22.3	8.3	1.48	71.9
144	Fiji	26.3	4.5	1.55	70.0
145	USSR	17.8	7.9	1.18	70.4

# Victoria University of Wellington

Telephone 46-040



Private Bag  
Wellington  
New Zealand

Ref: 4/1772/420

12 June 1974

Dr K.C. Zachariah,  
Economic Department,  
International Bank for Reconstruction  
& Development,  
1818H Street,  
Washington, D.C. 20433,  
U.S.A.

Dear Dr Zachariah,

Dr A.V. Zodgekar has applied for a senior lectureship in Sociology at this university and in his application he has given your name as a referee. I should be grateful, therefore, if you could give me your confidential opinion of his qualifications and general suitability for appointment to this post.

I enclose a copy of the conditions of appointment for your information.

Yours faithfully

A handwritten signature in black ink, appearing to read 'D.G. Shouler', written over a horizontal line.

D.G. Shouler  
for Registrar



# THE VICTORIA UNIVERSITY OF WELLINGTON

Private Bag WELLINGTON

::

NEW ZEALAND

## CONDITIONS OF APPOINTMENT

POSITION 420

MAY 1974

### LECTURESHIP/SENIOR LECTURESHIP IN SOCIOLOGY

The Council of Victoria University of Wellington proposes shortly to appoint a senior lecturer in sociology in the Department of Sociology and Social Work, and invites applications from suitably qualified persons.

The appointee will be under the general direction of the professor in charge of the Department of Sociology and Social Work. He will be expected to devote his whole time to university duties. Applicants with special interests in any branch of sociology will be considered, but the appointee would be expected to be prepared to do some teaching in at least one of the following areas: social stratification, urban sociology, criminology. The appointee would also be expected to take some part in teaching research methods courses. It is assumed that, apart from teaching in their more specialist areas, all members of staff will take a share in the teaching of general sociology courses to first year students. Staff members are encouraged to undertake research on their own account and have the opportunity of assisting in joint research projects.

The Victoria University of Wellington has for many years given special emphasis to the social sciences and related subjects and has Departments of Anthropology, Education, Economics, and Psychology as well as a special School of Political Science and Public Administration, a Centre for Asian Studies and an Industrial Relations Unit. A Social Survey Research Centre is planned.

The teaching of sociology began in 1957 and a full programme has been offered since the mid-1960's. In 1974 there are approximately 600 students enrolled in sociology, comprising about 570 undergraduates, 14 graduates in an Honours degree programme, 10 M.A. students and 4 Ph.D candidates.

Recent appointees include persons trained at Bristol and London (United Kingdom), Michigan, Monash (Australia), Ohio State, Pennsylvania, Tennessee, Toronto and Victoria. Areas of special interest among the existing staff are comparative sociology with special interests in China and the Pacific, criminology, demography, deviance, ethnic relations, family, medical sociology, organisational change, religion, social networks, social stratification, urban studies, and social administration (policy and planning in social welfare).

The present staff consists of 15 full-time and several part-time members and it is expected that its development and growth will continue for some time.

The teaching load averages about six or seven hours class contact per week. The academic year runs from 1 March to the end of October. There are three terms with a two week break between terms. Thus, reasonable time is available for staff members to undertake research - which is encouraged.

The department has its own punch card counter sorter and numerous calculating machines. The university has three computers, an IBM 1130, an Elliott 503, and a Burroughs 6700, which are available for staff use.


New Zealand society offers many unique features not previously examined by sociologists. But this department, containing the largest group of sociologists at any New Zealand university, also is concerned to advance modern sociology as a comparative discipline. A number of research projects are currently in progress. These include an examination of stress reactions to urban life in New Zealand; aspects of Maori demography; a study of the work of general medical practitioners; the social ecology of the aged; research into Tokelau immigration and adaptation in New Zealand; and a survey of alcohol and tobacco use among New Zealanders. Other smaller projects are under way or in planning.

THE CLOSING DATE FOR APPLICATIONS IS 15 JULY 1974.

W.E. Dasent  
REGISTRAR

Mr. William Clark

June 3, 1974

K. C. Zachariah 

Presentation of a Research Paper at the Warsaw Conference on Migration

1. At the request of Mr. Alan A. Brown, Committee on Comparative Urban Economics, University of Windsor, Canada, I have prepared the attached draft of a paper entitled "Measurement of Internal Migration from Census Data" for presentation at the forthcoming Warsaw Conference on Migration during June 27-July 2, 1974. The final version of this paper is expected to be published in the conference report.
2. I would like to receive your clearance before sending the paper to Mr. Brown and other participants of the conference.

Attachment

cc: Mrs. H. Hughes  
Mr. T. King

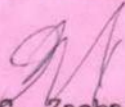
KCZachariah:st

May 31, 1974

Dear Mr. Williams:

Please send me regularly the occasional papers of the  
'World Fertility Survey'. I am getting the Newsletter regularly.

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. Ken Williams  
International Statistical Institute  
World Fertility Survey  
Grosvenor Gardens House  
35-37 Grosvenor Gardens  
Victoria  
London SW1W OBS  
ENGLAND



**international  
institute  
for  
population  
studies**



**जनसंख्या अध्ययन  
का  
अन्तर्राष्ट्रीय संस्थान**

GOVANDI STATION ROAD,  
DEONAR, BOMBAY-88, AS.

Telegrams : DEMOGRAPHY, CHEMBUR, BOMBAY

Telephones : DIRECTOR : 5 2 1 2 4 5

OFFICE : 5 2 1 3 4 7

No. A1(a)/790 /74

Date: May 27, 1974

Dr. J. R. Rele,  
~~DR. S. N. AGARWAL~~  
DIRECTOR

Dear Dr. Zachariah,

I realise that I am writing this letter, which has already been overdue. I was planning to reply to you after careful thought and at length. This was not possible in view of the continuous pressure of work at this desk. However, I have already given some thought to your suggestions.

I have initiated action on the publication of Research Monographs of the Institute, and the next in line is the Migration Study. This way we hope to cover the backlog. Your suggestion regarding the inter-district comparison of family planning performance in India is very welcome. As you already know, the work on this topic was done by our Institute last year. It will, therefore, be worthwhile if we can improve upon what was previously done. There are some methodological snags in the analysis, and, I am sure, we will be able to solve them with your guidance and help.

For the last whole year, I have been quite busy and in our efforts, what we are trying to do is to continue the fine tradition set up by you and some of my other respected teachers. In this connection, I am very much looking forward to your visit to the Institute on home leave some time in June or July. I hope you do plan for a welcome visit and spend a few days with us.

With best regards to you and the family,

Yours sincerely,

( J. R. Rele )

Dr. K. C. Zachariah,  
Population and Human Resources Division,  
Development Economics Department,  
International Bank for Reconstruction and Development,  
1818 H. Street, N.W.,  
Washington, D.C. 20433,  
(U.S.A.)

RECEIVED

अन्तर्राष्ट्रीय जनसंख्या संस्थान  
के  
अन्तर्राष्ट्रीय जनसंख्या संस्थान



International  
Institute  
for  
Population  
Studies

Telephone: DEMOGRAPHY, CHEMUR, BOMBAY  
Telephone: DIRECTOR: 251348  
OFFICE: 251347

GOVANDI STATION ROAD,  
DEONAR, BOMBAY-66, AS.

Dr. J. R. Rele,  
DIRECTOR

No. AI(a) / 790 / 74

Date: May 27, 1974

Dear Dr. Sacharish,

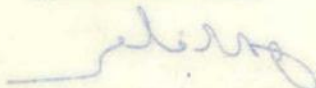
I realize that I am writing this letter, which has already been overdue. I was planning to reply to you after careful thought and at length. This was not possible in view of the continuous pressure of work at this desk. However, I have already given some thought to your suggestions.

I have initiated action on the publication of Research Monographs of the Institute, and the next in line is the Migration Study. This way we hope to cover the backlog. Your suggestion regarding the inter-district comparison of family planning performance in India is very welcome. As you already know, the work on this topic was done by our Institute last year. It will, therefore, be worthwhile if we can improve upon what was previously done. There are some methodological snags in the analysis, and I am sure, we will be able to solve them with your guidance and help.

For the last whole year, I have been quite busy and in our efforts, what we are trying to do is to continue the fine tradition set up by you and some of my other respected teachers. In this connection, I am very much looking forward to your visit to the Institute on home leave some time in June or July. I hope you do plan for a welcome visit and spend a few days with us.

With best regards to you and the family,

Yours sincerely,

  
( J. R. Rele )

Dr. K. C. Sacharish,  
Population and Human Resources Division,  
Development Economics Department,  
International Development Section and Development,  
1818 H. Street, N.W.,  
Washington, D.C. 20433,  
(U.S.A.).

RECEIVED

International Institute for the Study of Human Reproduction  
Columbia University

DIVISION OF SOCIAL AND  
ADMINISTRATIVE SCIENCES

78 Haven Avenue  
New York, N.Y. 10032

May 8, 1974

Dr. K. C. Zachariah  
Economics Dept. IBRD  
1818 H Street N. W.  
Washington, D. C. 20433

Dear Dr. Zachariah:

I am writing this letter to explore the possibility of a short-term assignment either in Washington, D. C. or outside. I have some leave due from this Institute which I am planning to take sometime after June 1974. Part of this leave will be used for my vacation during which we plan to go to Canada. I would like to use the other part for a short-term assignment (3 to 4 weeks). This assignment can be related to Demography or statistics. I would appreciate if you would let me know of any ~~available assignment~~ <sup>possibility</sup> ~~ment~~ with I.B.R.D. <sup>such</sup> or any other agency.

Sipra joins me in sending best regards to you and Mrs. Zachariah.

Sincerely,

*P. P. Talwar*

PPT/sh

P. P. Talwar

RECEIVED  
COMMUNICATIONS

INTERNATIONAL INSTITUTE FOR THE STUDY OF HUMAN REPRODUCTION

RECEIVED

1974 MAY 11 AM 11:45

COMMUNICATIONS SECTION

1974

1974

1974

Dear Sir:

I am writing to you regarding the matter of the... (The text is mirrored and largely illegible due to bleed-through from the reverse side of the page.)

Yours faithfully,

Director, Communications Section  
1974

1974

Mr. S. Chernick

April 18, 1974

K. C. Zachariah

Here are the tables which I have prepared on the demographic aspects of labor force growth in the Caribbean region during 1960-1980 with some comments on the main patterns and trends. I have shown these tables to Mr. Moran. If they are going to be incorporated in the report in any form, I will have to check them once again and revise the text considerably.

I will be away for two days and will be back on Monday.

cc: Mr. R. Moran

File

LT/MAB/SK/jh

cc: Mr. K.C. Zachariah (IBRD)

SO 314 (3-1)  
SO 311 (2) IBRD

12 April 1974

Dear Mr. King,

You may recall that recently we sent you a computer magnetic tape containing the revised population projections by sex and age for regions and countries for five-year periods 1970-2000, according to four variants, namely "medium", "high", "low" and "constant". These data are of a provisional nature and we have neither published them nor supplied them to governments or institutions.

Due to the numerous requests we are receiving for the revised projections, we are now in the process of finalizing the results and making them available to the specialized agencies, governments and institutions in the forms of tapes and also working papers. We expect to be able to issue the results shortly. In the meantime, I would be appreciative if the data we already sent you are treated as provisional and not for circulation.

Sincerely yours,

Léon Tabah  
Director  
Population Division

Mr. Timothy King, Chief  
Population and Human Resources  
Economic Department  
International Bank for Reconstruction  
and Development  
1818 H Street, N.W.  
Washington, D.C. 20433

SECTION  
COMMUNICATIONS

APR 18 1974

RECEIVED



February 20, 1974

Dear Mr. Conde:

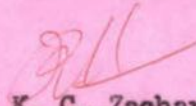
This is in reply to your letter of February 15, 1974. In case you have not received my letter which I sent to you to Paris a few days ago, I am enclosing a copy.

Your suggestion to include Mali and Togo is welcome and it is for you, Dr. Addo, and others to decide what are the other countries to be included in this study. I have some difficulty in getting the approval of the Bank for your proposal of a meeting of the Heads of the Statistical Institutes in five or six countries. It will be difficult for me to get the necessary funds for this and I also feel at this stage such a meeting may not be very productive. If need be, we can arrange a meeting at a later stage when a draft proposal approved by you, Dr. Addo, and Dr. De Graft-Johnson is ready.

Our office in Paris conveyed your wish to come to Washington, D.C., before you return to Paris. I discussed this matter in our division and all of us feel that it will be better for you to come to Washington, D.C., sometime in April, after you have prepared the project and Dr. Addo has discussed it with the local institutions in the respective countries. I feel that we can find the necessary funds for your travel at that time.

I hope that these proposals are acceptable to you and that our effort to organize a good migration research in the area will be fruitful. Hope to hear from you soon.

Yours sincerely,

  
K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. Julien Conde  
c/o Dr. N. O. Addo  
University of Ghana  
Population Dynamics Program  
P. O. Box 145  
Legon,  
Ghana

KCZachariah:st



February 19, 1974

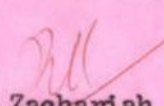
Dear Mr. Conde:

We are making arrangements for your visit to Accra during February 25 through March 23. The Bank will pay for your ticket to and from Accra and your subsistence while in Accra. As you perhaps know, the Bank does not give per diem but your actual expenditure including room, food, transport, etc., will be met by the Bank. For administrative purpose, we have to appoint you as a consultant during this period and issue a terms of reference for your work in Accra. You should not be suprised by all this formalities when our office in Paris contacts you.

I have not included any visits for you in the other African countries because of Dr. Black's letter. I am sure that either Dr. Addo or Dr. De Graft-Johnson will visit the countries concerned and get their cooperation. I have written to Dr. Addo informing him that the Bank will meet his expenditure for these trips.

I hope that you will make every effort to prepare a good research project on Migration in Western Africa. Hope to hear from you when you reach Accra.

Yours sincerely,

  
K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. Julien Conde  
Administrator  
OECD Development Centre  
94 Rue Chardon-Lagache  
Paris-16  
France

KCZachariah:st

February 1, 1974

Dear Dr. Black:

Thank you for your letter regarding Mr. Conde's availability for the CODESRIA Migration Research. On my return from Cairo, I spoke to Mr. King, our division chief, about my proposal to request Mr. Julian Conde to prepare a research program on Migration in the West African countries on behalf of CODESRIA. Mr. King is favourably inclined to the proposal, and he thinks that the necessary funds for Mr. Conde's travel and other expenses can be obtained from our resources.

My proposal is for Mr. Conde to visit Accra in February or March at his convenience and in collaboration with Dr. Nelson Addo and Dr. Graft-Johnson of the University of Ghana, prepare a research proposal with all the necessary details, i.e., the countries to be covered, local research institutions to be involved, statements of objectives, sampling scheme, schedule, personnel, cost, etc. When this draft proposal is ready, Mr. Conde can return to Paris. Dr. Addo and Dr. Johnson will visit the countries and make the necessary collaborative arrangements with the local institutions. We can then review the proposal and work out arrangements with CODESRIA for the implementation of the project.

If this proposal is acceptable to you, I will write to CODESRIA and Dr. Addo accordingly. Please let me know as soon as possible.

Yours sincerely,

K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Dr. Robert B. Black  
Head  
Social Development and Demography Program  
94, rue Chardon-Lagache  
75016 Paris

cc and cleared with: Mr. T. King  
cc: Mr. J. Conde

KCZachariah:st

January 23, 1974

Dear Dr. Rele:

I am very happy to know that you have been appointed director of the International Institute of Population Studies. I knew about it recently, when Dr. Vasaria joined us in December. I am particularly happy because within this short period of 12 years you could rise from the status of a student to the director of one of the foremost Demographic Institute in the world. I hope that under your guidance the Institute will be able to undertake some good research work and re-gain the recognition it had during the first ten years of its existence.

I would like to get some information about two of the Institute's researches. The first one is about the Migration Study which I initiated in 1965. If the report is not yet published, I would request you to bring that out as a Research Monograph of the Center as soon as possible. Secondly, our Division in the Bank is thinking of requesting one of the Indian organizations to do a good inter-district comparison of family planning performance in India. I understand that a similar study was done by your institute some time ago by Dr. Agarwala. Who are the people who were associated with him in this study? Have you got any of the basic materials which he collected for his study at the Center? Could you think of anybody at the institute to undertake such a study during the next 6-12 months? What we would like you to do is an evaluation of the family planning programs in India, by utilizing the district-wise data on family planning inputs, and outputs, sample registration data, and the recent census materials for the district.

I will be taking my home leave this year and I hope to see you some time in July.

With best wishes,

Yours sincerely,



K. C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Dr. J. R. Rele  
I. I. P. S.  
Deonar, Bombay 88  
India.

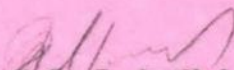
January 11, 1974

Dear Professor Neuberger:

Please refer to your letter of November 30, 1973. I will be happy to contribute a paper on "Measurement of Internal Migration from Census Data" for the forthcoming Conference in Warsaw during June 27-July 2, 1974. I also plan to attend the Conference and will be happy to act as a discussant in any area where I can be of some use.

The Bank will pay for my expenses for this participation.

Yours sincerely,



K.C. Zachariah

Population and Human Resources Division  
Development Economics Department

Professor E. Neuberger  
Economic Research Bureau  
State University of New York  
Stony Brook, New York 11790

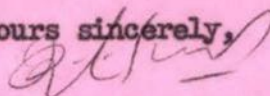
KCZachariah:st

January 11, 1974

Dear Mr. Pachal:

I am glad to know that you plan to work on "Migration in India" for your Ph.D. thesis. I have been away from India for long and I am not familiar with the data situation for India. Therefore, I cannot be of much help to you in this matter. My work on "Internal Migration in India, 1941-1951" was not published and not many copies of the manuscript are available. You may be able to look one at the Bombay Demographic Centre.

Yours sincerely,



K.C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Mr. T.K. Pachal  
Demography Unit  
Indian Statistical Institute  
203 Barrackpore Trunk Road  
Calcutta-35  
INDIA

KCZachariah:st

January 11, 1974

Dear Dr. Huzayyin:

I am sorry that I could not see you just before I left Cairo. You were busy with your governing body and I was busy with some shopping on Saturday afternoon. I had a nice flight back and I returned to Washington, D.C., in time for Christmas.

Since I returned to Washington, D.C., I read most of the papers carefully and I am convinced that there are enough materials in the papers for an excellent book on "Internal Migration and Urbanization in Arab Countries. The book should start with the Paper No. 1 and 2 by Drs. George, Seetharam and Mr. Conde. This should be the most important part of the book, and sufficient time and effort should be spent to bring out an over-view of the situation in the region. My next suggestion is to exclude in the book all papers not related to Arab Countries. Although this will be a difficult decision for you, I feel that at the end, you will produce a better book with the papers on Nigeria, Liberia and Sierra Leone ~~are~~ excluded. A third suggestion I would like to make is to have only one paper for each country, which ~~you~~ will include both ~~as~~ Migration and Urbanization aspects. This might create some problems of authorship, but I am sure you ~~can~~ work it out among yourselves.

Some of the papers on Arab Countries might require complete re-writing. For example, the one on Libya, Paper No. 15. Similarly, I am sure Dr. Hassan will not mind if his Paper No. 8 is not included in the book.

I will be happy to go through the initial chapters dealing with the regions as a whole.

With kind regards,

Yours sincerely,

K.C. Zachariah  
Population and Human Resources Division  
Development Economics Department

Professor S. Huzayyin  
Director  
Cairo Demographic Centre  
6 Sharia St.  
Zamalek  
CAIRO, UAR  
KCZachariah:st

# DEMOGRAPHY

*File*

A PUBLICATION OF THE POPULATION ASSOCIATION OF AMERICA  
BUSINESS OFFICE: P.O. BOX 14182, BENJAMIN FRANKLIN STATION, WASHINGTON, D.C. 20044

EDITORIAL OFFICE: POPULATION AND MANPOWER RESEARCH CENTER  
INSTITUTE FOR SOCIAL RESEARCH  
FLORIDA STATE UNIVERSITY  
TALLAHASSEE, FLORIDA 32306  
AREA CODE 904: 599-4570

January 8, 1974

Dr. K. C. Zachariah  
9406 Linden Avenue  
Bethesda, Maryland 20014

Dear Dr. Zachariah:

Enclosed is a revision of a paper entitled "Differential Life Style in the City of Shiraz, Iran: A Comparison between Migrants and Non-Migrants," which you reviewed for us several weeks ago. If it is at all possible, Dr. Nam would very much like you to review the revision.

We do hope that you can evaluate the paper at this time and look forward to receiving your comments and opinion as to whether you think the paper is now in publishable form.

Thanking you in advance, I am,

Sincerely yours,

*Betty Sue Kurth*

(Mrs.) Betty Sue Kurth  
Editorial Secretary, DEMOGRAPHY

BK  
Enclosures

Date sent January 8, 1974  
(Please return at once if you cannot  
evaluate manuscript within ten days).

DEMOGRAPHY

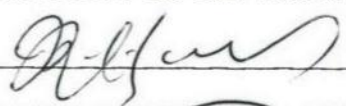
REFEREE'S REPORT TO THE EDITOR ON ~~DIFFERENTIAL LIFE STYLE IN THE CITY OF SHIRAZ,~~  
IRAN: A COMPARISON BETWEEN MIGRANTS AND NON-MIGRANTS

RECOMMENDATIONS	<u>check one</u>	<u>check one</u>
a) Publishable as submitted or with only minor edito- rial changes	Yes <input checked="" type="checkbox"/>	High priority <input checked="" type="checkbox"/>
		Low priority <input type="checkbox"/>
	No <input type="checkbox"/>	Encourage revision <input type="checkbox"/>
		Do not encourage <input type="checkbox"/>

b) Send to the following referee: \_\_\_\_\_

c) Evaluation for the editor, not the author:

SUGGESTIONS FOR REVISION, EDITORIAL AND SUBSTANTIVE, SHOULD BE MADE ON THE ATTACHED  
PAGES (IN DUPLICATE) FOR TRANSMITTAL TO THE AUTHOR.

Referee's signature  Date 31 Jan 74

PLEASE RETURN MANUSCRIPT WITH EVALUATION. THANK YOU.

Charles B. Nam, Editor, DEMOGRAPHY  
Population and Manpower Research Center, Institute for Social Research  
Florida State University, Tallahassee, Florida 32306